TRIADA

Triada Sealing Guide

#SealingExcellence

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Important Information

Utmost care has been taken in the preparation and completion of this guide, but still it is not guaranteed that this is devoid of any typographical or inadvertent errors or omissions. Hence, Triada shall not be responsible for the end user's reliance on such errors or omissions. Information or data in this guide which includes and not limited to product profiles, product features, specifications etc. may be amended or modified at the sole discretion of Triada Technologies India Pvt. Ltd. (TTIPL) without any notice or prior intimation.

TTIPL strongly urge its customers and associates to validate the products that are being offered, to ensure its suitability and performance, based on their applications, hardware & operating conditions, through their own analysis and testing.

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Piston Seals

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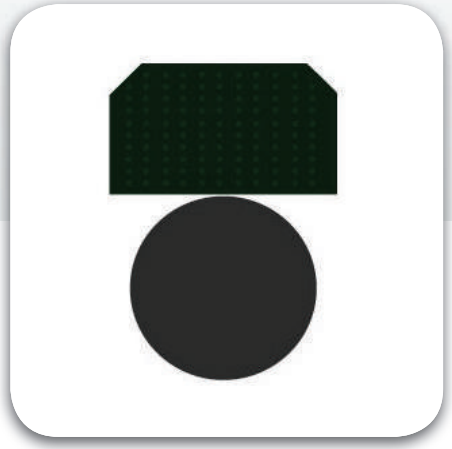
TRIADA

PTD

Piston Seals

#SealingExcellence



Description

The TRIGLIDE® is a bidirectional seal and composed of two elements. The dynamic seal is a ring in TRIALON® (filled PTFE) while the static seal is an O-Ring in TRIAFLEX® (NBR) also acting as energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø8.00 – Ø2700.00 (Larger diameters on request)
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR 70 Shores) (Other Compounds available, so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.
Pressure	≤ 800 bar

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® Carbon Filled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

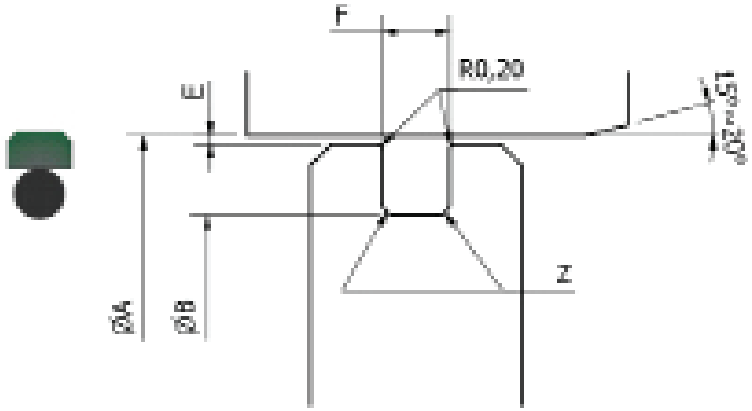
Nomenclature

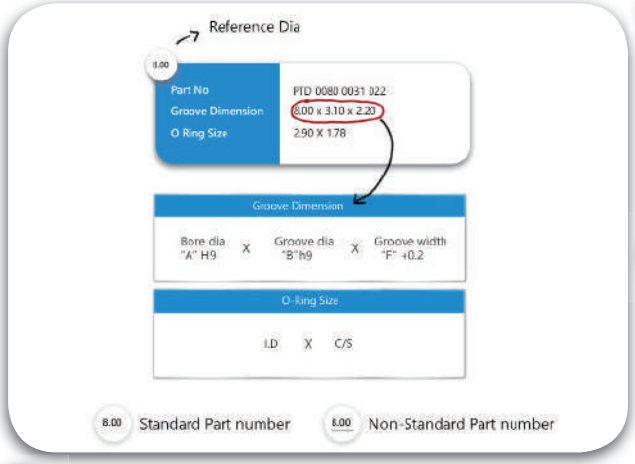
Part No	PTD	1000	0845	063	T415	N
	TRIADA TYPE	Bore Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Bore Diameter "A" H9			Radial Clearence "E" max		Radius "Z"	O-Ring Cross Section
Heavy duty Searies	Standard Series	Light Duty Series	0-200 bar	200-400 bar		
–	8-14.9	15-39.9	0.30-0.20	0.20-0.15	0.3-0.5	1.78
–	15 – 39.9	40 – 79.9	0.40 - 0.25	0.25 - 0.15	0.5 - 0.8	2.62
15 – 39.9	40 – 79.9	80 – 132.9	0.40 - 0.25	0.25 - 0.15	0.8 - 1.2	3.53
40 – 79.9	80 – 132.9	133 – 329.9	0.50 - 0.30	0.30 - 0.20	1.2 - 1.5	5.33
80 – 132.9	133 – 329.9	330 – 669.9	0.50 - 0.30	0.30 - 0.20	1.5 - 2.0	7.00
133 – 329.9	330 – 669.9	670 – 999.9	0.60 - 0.35	0.35 - 0.25	1.5 - 2.0	7.00
330 – 669.9	670 – 999.9	–	0.70 - 0.40	0.40 - 0.30	2.0 - 3.0	8.40





8.00

Part No	PTD 0080 0031 022
Groove Dimension	8.00 x 3.10 x 2.20
O Ring Size	2.90 x 1.78

10.00

Part No	PTD 0100 0051 022
Groove Dimension	10.00 x 5.10 x 2.20
O Ring Size	5.28 x 1.78

12.00

Part No	PTD 0120 0071 022
Groove Dimension	12.00 x 7.10 x 2.20
O Ring Size	7.65 x 1.78

15.00

Part No	PTD 0150 0075 032
Groove Dimension	15.00 x 7.50 x 3.20
O Ring Size	7.59 x 2.62

16.00

Part No	PTD 0160 0085 032
Groove Dimension	16.00 x 8.50 x 3.20
O Ring Size	7.59 x 2.62

18.00

Part No	PTD 0180 0105 032
Groove Dimension	18.00 x 10.50 x 3.20
O Ring Size	10.77 x 2.62

20.00

Part No	PTD 0200 0125 032
Groove Dimension	20.00 x 12.50 x 3.20
O Ring Size	12.37 x 2.62

22.00

Part No	PTD 0220 0145 032
Groove Dimension	22.00 x 14.50 x 3.20
O Ring Size	13.94 x 2.62

24.00

Part No	PTD 0240 0165 032
Groove Dimension	24.00 x 16.50 x 3.20
O Ring Size	15.54 x 2.62

25.00

Part No	PTD 0250 0175 032
Groove Dimension	25.00 x 17.50 x 3.20
O Ring Size	17.12 x 2.62

25.40

Part No	PTD 0254 0179 032
Groove Dimension	25.40 x 17.90 x 3.20
O Ring Size	17.12 x 2.62

28.00

Part No	PTD 0280 0205 032
Groove Dimension	28.00 x 20.50 x 3.20
O Ring Size	20.29 x 2.62

28.50

Part No	PTD 0285 0210 032
Groove Dimension	28.50 x 21.00 x 3.20
O Ring Size	20.29 x 2.62

30.00	
Part No	PTD 0300 0225 032
Groove Dimension	30.00 x 22.50 x 3.20
O Ring Size	21.89 x 2.62

31.70	
Part No	PTD 0317 0242 032
Groove Dimension	31.70 x 24.20 x 3.20
O Ring Size	23.47 x 2.62

32.00	
Part No	PTD 0320 0245 032
Groove Dimension	32.00 x 24.50 x 3.20
O Ring Size	23.47 x 2.62

35.00	
Part No	PTD 0350 0275 032
Groove Dimension	35.00 x 27.50 x 3.20
O Ring Size	26.64 x 2.26

36.00	
Part No	PTD 0360 0285 032
Groove Dimension	36.00 x 28.50 x 3.20
O Ring Size	28.24 x 2.62

38.00	
Part No	PTD 0380 0305 032
Groove Dimension	38.00 x 30.50 x 3.20
O Ring Size	29.82 x 2.62

39.00	
Part No	PTD 0390 0315 032
Groove Dimension	39.00 x 31.50 x 3.20
O Ring Size	31.42 x 2.62

40.00	
Part No	PTD 0400 0290 042
Groove Dimension	40.00 x 29.00 x 4.20
O Ring Size	28.17 x 3.53

42.00	
Part No	PTD 0420 0310 042
Groove Dimension	42.00 x 31.0 x 4.20
O Ring Size	29.74 x 3.53

44.50	
Part No	PTD 0445 0335 042
Groove Dimension	44.50 x 33.50 x 4.20
O Ring Size	32.92 x 3.53

45.00	
Part No	PTD 0450 0340 042
Groove Dimension	45.00 x 34.00 x 4.20
O Ring Size	32.92 x 3.53

48.00	
Part No	PTD 0480 0370 042
Groove Dimension	48.00 x 37.00 x 4.20
O Ring Size	36.09 x 3.53

50.00	
Part No	PTD 0500 0390 042
Groove Dimension	50.00 x 39.00 x 4.20
O Ring Size	37.69 x 3.53

50.80	
Part No	PTD 0508 0398 042
Groove Dimension	50.80 x 39.80 x 4.20
O Ring Size	37.69 x 3.53

52.00	
Part No	PTD 0520 0410 042
Groove Dimension	52.00 x 41.00 x 4.20
O Ring Size	40.87 x 3.53

55.00

Part No	PTD 0550 0440 042
Groove Dimension	55.00 x 44.0 x 4.20
O Ring Size	44.04 x 3.53

57.00

Part No	PTD 0570 0460 042
Groove Dimension	57.00 x 46.00 x 4.20
O Ring Size	44.04 x 3.53

60.00

Part No	PTD 0600 0490 042
Groove Dimension	60.00 x 49.00 x 4.20
O Ring Size	47.22 x 3.53

63.00

Part No	PTD 0630 0520 042
Groove Dimension	63.00 x 52.00 x 4.20
O Ring Size	50.39 x 3.53

63.50

Part No	PTD 0635 0525 042
Groove Dimension	63.50 x 52.50 x 4.20
O Ring Size	50.39 x 3.53

64.00

Part No	PTD 0640 0530 042
Groove Dimension	64.00 x 53.00 x 4.20
O Ring Size	50.39 x 3.53

65.00

Part No	PTD 0650 0540 042
Groove Dimension	65.00 x 54.00 x 4.20
O Ring Size	53.57 x 3.53

69.80

Part No	PTD 0698 0588 042
Groove Dimension	69.80 x 58.80 x 4.20
O Ring Size	56.74 x 3.53

70.00

Part No	PTD 0700 0590 042
Groove Dimension	70.00 x 59.00 x 4.20
O Ring Size	56.74 x 3.53

70.00

Part No	PTD 0700 0545 063
Groove Dimension	70.00 x 54.50 x 6.30
O Ring Size	53.34 x 5.33

75.00

Part No	PTD 0750 0640 042
Groove Dimension	75.00 x 64.00 x 4.20
O Ring Size	63.09 x 3.53

76.20

Part No	PTD 0762 0652 042
Groove Dimension	76.20 x 65.20 x 4.20
O Ring Size	63.09 x 3.53

80.00

Part No	PTD 0800 0645 063
Groove Dimension	80.00 x 64.50 x 6.30
O Ring Size	62.87 x 5.33

80.00

Part No	PTD 0800 0590 081
Groove Dimension	80.00 x 59.00 x 8.10
O Ring Size	58.00 x 7.00

82.50

Part No	PTD 0825 0670 063
Groove Dimension	82.50 x 67.00 x 6.30
O Ring Size	66.04 x 5.33

85.00

Part No	PTD 0850 0695 063
Groove Dimension	85.00 x 69.50 x 6.30
O Ring Size	69.22 x 5.33

85.00

Part No	PTD 0850 0640 081
Groove Dimension	85.00 x 64.00 x 8.10
O Ring Size	64.00 x 7.00

89.00

Part No	PTD 0890 0735 063
Groove Dimension	89.00 x 73.50 x 6.30
O Ring Size	72.39 x 5.33

90.00

Part No	PTD 0900 0745 063
Groove Dimension	90.00 x 74.50 x 6.30
O Ring Size	72.39 x 5.33

90.00

Part No	PTD 0900 0690 081
Groove Dimension	90.00 x 69.00 x 8.10
O Ring Size	68.00 x 7.00

95.00

Part No	PTD 0950 0795 063
Groove Dimension	95.00 x 79.50 x 6.30
O Ring Size	78.74 x 5.33

95.00

Part No	PTD 0950 0740 081
Groove Dimension	95.00 x 74.00 x 8.10
O Ring Size	73.00 x 7.00

100.00

Part No	PTD 1000 0845 063
Groove Dimension	100.00 x 84.50 x 6.30
O Ring Size	81.92 x 5.33

100.00

Part No	PTD 1000 0790 081
Groove Dimension	100.00 x 79.00 x 8.10
O Ring Size	79.00 x 7.00

101.60

Part No	PTD 1016 0861 063
Groove Dimension	101.60 x 86.10 x 6.30
O Ring Size	85.09 x 5.33

105.00

Part No	PTD 1050 0895 063
Groove Dimension	105.00 x 89.50 x 6.30
O Ring Size	88.27 x 5.33

105.00

Part No	PTD 1050 0840 081
Groove Dimension	105.00 x 84.00 x 8.10
O Ring Size	83.00 x 7.00

110.00

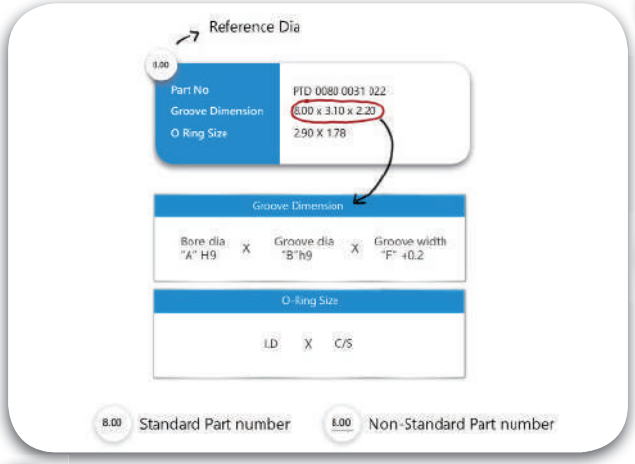
Part No	PTD 1100 0945 063
Groove Dimension	110.00 x 94.50 x 6.30
O Ring Size	94.62 x 5.33

110.00

Part No	PTD 1100 0890 081
Groove Dimension	110.00 x 89.00 x 8.10
O Ring Size	89.00 x 7.00

114.30

Part No	PTD 1143 0988 063
Groove Dimension	114.30 x 98.80 x 6.30
O Ring Size	97.79 x 5.33



115.00

Part No	PTD 1150 0995 063
Groove Dimension	115.00 x 99.50 x 6.30
O Ring Size	97.79 x 5.33

115.00

Part No	PTD 1150 0940 081
Groove Dimension	115.00 x 94.00 x 8.10
O Ring Size	94.00 x 7.00

120.00

Part No	PTD 1200 1045 063
Groove Dimension	120.00 x 104.50 x 6.30
O Ring Size	104.14 x 5.33

120.00

Part No	PTD 1200 0990 081
Groove Dimension	120.00 x 99.00 x 8.10
O Ring Size	99.00 x 7.00

125.00

Part No	PTD 1250 1095 063
Groove Dimension	125.00 x 109.50 x 6.30
O Ring Size	107.32 x 5.33

125.00

Part No	PTD 1250 1040 081
Groove Dimension	125.00 x 104.00 x 8.10
O Ring Size	101.00 x 7.00

127.00

Part No	PTD 1270 1115 063
Groove Dimension	127.00 x 111.50 x 6.30
O Ring Size	110.49 x 5.33

130.00

Part No	PTD 1300 1145 063
Groove Dimension	130.00 x 114.50 x 6.30
O Ring Size	113.67 x 5.33

130.00

Part No	PTD 1300 1090 081
Groove Dimension	130.00 x 109.00 x 8.10
O Ring Size	106.00 x 7.00

132.00

Part No	PTD 1320 1210 042
Groove Dimension	132.00 x 121.00 x 4.20
O Ring Size	120.24 x 3.53

133.00

Part No	PTD 1330 1120 081
Groove Dimension	133.00 x 112.00 x 8.10
O Ring Size	113.67 x 7.00

135.00

Part No	PTD 1350 1140 081
Groove Dimension	135.00 x 114.00 x 8.10
O Ring Size	113.67 x 7.00

140.00

Part No	PTD 1400 1190 081
Groove Dimension	140.00 x 119.00 x 8.10
O Ring Size	116.84 x 7.00

145.00

Part No	PTD 1450 1240 081
Groove Dimension	145.00 x 124.00 x 8.10
O Ring Size	123.19 x 7.00

150.00

Part No	PTD 1500 1290 081
Groove Dimension	150.00 x 129.00 x 8.10
O Ring Size	129.54 x 7.00

154.00

Part No	PTD 1540 1330 081
Groove Dimension	154.00 x 133.00 x 8.10
O Ring Size	132.72 x 7.00

155.00

Part No	PTD 1550 1340 081
Groove Dimension	155.00 x 134.00 x 8.10
O Ring Size	132.72 x 7.00

160.00

Part No	PTD 1600 1390 081
Groove Dimension	160.00 x 139.00 x 8.10
O Ring Size	139.07 x 7.00

165.00

Part No	PTD 1650 1440 081
Groove Dimension	165.00 x 144.00 x 8.10
O Ring Size	142.24 x 7.00

170.00

Part No	PTD 1700 1490 081
Groove Dimension	170.00 x 149.00 x 8.10
O Ring Size	148.59 x 7.00

175.00

Part No	PTD 1750 1540 081
Groove Dimension	175.00 x 154.00 x 8.10
O Ring Size	151.77 x 7.00

180.00

Part No	PTD 1800 1590 081
Groove Dimension	180.00 x 159.00 x 8.10
O Ring Size	158.12 x 7.00

190.00

Part No	PTD 1900 1690 081
Groove Dimension	190.00 x 169.00 x 8.10
O Ring Size	164.47 x 7.00

200.00

Part No	PTD 2000 1790 081
Groove Dimension	200.00 x 179.00 x 8.10
O Ring Size	177.17 x 7.00

210.00

Part No	PTD 2100 1890 081
Groove Dimension	210.00 x 189.00 x 8.10
O Ring Size	189.87 x 7.00

220.00

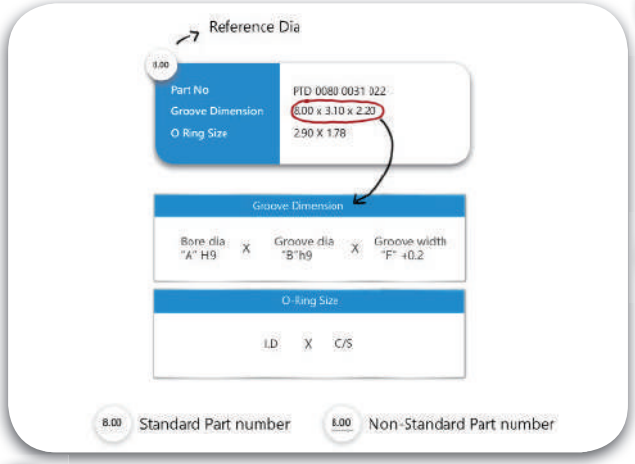
Part No	PTD 2200 1990 081
Groove Dimension	220.00 x 199.00 x 8.10
O Ring Size	196.22 x 7.00

230.00

Part No	PTD 2300 2090 081
Groove Dimension	230.00 x 209.00 x 8.10
O Ring Size	202.57 x 7.00

240.00

Part No	PTD 2400 2190 081
Groove Dimension	240.00 x 219.00 x 8.10
O Ring Size	215.27 x 7.00



250.00

Part No	PTD 2500 2290 081
Groove Dimension	250.00 x 229.00 x 8.10
O Ring Size	227.97 x 7.00

260.00

Part No	PTD 2600 2390 081
Groove Dimension	260.00 x 239.00 x 8.10
O Ring Size	227.97 x 7.00

270.00

Part No	PTD 2700 2490 081
Groove Dimension	270.00 x 249.00 x 8.10
O Ring Size	240.67 x 7.00

280.00

Part No	PTD 2800 2590 081
Groove Dimension	280.00 x 259.00 x 8.10
O Ring Size	253.37 x 7.00

290.00

Part No	PTD 2900 2690 081
Groove Dimension	290.00 x 269.00 x 8.10
O Ring Size	266.07 x 7.00

300.00

Part No	PTD 3000 2790 081
Groove Dimension	300.00 x 279.00 x 8.10
O Ring Size	278.77 x 7.00

310.00

Part No	PTD 3100 2890 081
Groove Dimension	310.00 x 289.00 x 8.10
O Ring Size	278.77 x 7.00

320.00

Part No	PTD 3200 2990 081
Groove Dimension	320.00 x 299.00 x 8.10
O Ring Size	291.47 x 7.00

330.00

Part No	PTD 3300 3055 081
Groove Dimension	330.00 x 305.50 x 8.10
O Ring Size	304.17 x 7.00

340.00

Part No	PTD 3400 3155 081
Groove Dimension	340.00 x 315.50 x 8.10
O Ring Size	304.17 x 7.00

350.00

Part No	PTD 3500 3255 081
Groove Dimension	350.00 x 325.50 x 8.10
O Ring Size	316.87 x 7.00

360.00

Part No	PTD 3600 3355 081
Groove Dimension	360.00 x 335.50 x 8.10
O Ring Size	329.57 x 7.00

370.00

Part No	PTD 3700 3455 081
Groove Dimension	370.00 x 345.50 x 8.10
O Ring Size	342.27 x 7.0

380.00

Part No	PTD 3800 3555 081
Groove Dimension	380.00 x 355.50 x 8.10
O Ring Size	354.97 x 7.00

390.00

Part No	PTD 3900 3655 081
Groove Dimension	390.00 x 365.50 x 8.10
O Ring Size	354.97 x 7.00

400.00

Part No	PTD 4000 3755 081
Groove Dimension	400.00 x 375.50 x 8.10
O Ring Size	367.67 x 7.00

410.00

Part No	PTD 4100 3855 081
Groove Dimension	410.00 x 385.50 x 8.10
O Ring Size	380.37 x 7.00

420.00

Part No	PTD 4200 3955 081
Groove Dimension	420.00 x 395.50 x 8.10
O Ring Size	393.07 x 7.00

430.00

Part No	PTD 4300 4055 081
Groove Dimension	430.00 x 405.50 x 8.10
O Ring Size	405.26 x 7.00

440.00

Part No	PTD 4400 4155 081
Groove Dimension	440.00 x 415.50 x 8.10
O Ring Size	405.26 x 7.00

450.00

Part No	PTD 4500 4255 081
Groove Dimension	450.00 x 425.50 x 8.10
O Ring Size	417.96 x 7.00

460.00

Part No	PTD 4600 4355 081
Groove Dimension	460.00 x 435.50 x 8.10
O Ring Size	430.66 x 7.00

470.00

Part No	PTD 4700 4455 081
Groove Dimension	470.00 x 445.50 x 8.10
O Ring Size	443.36 x 7.00

480.00

Part No	PTD 4800 4555 081
Groove Dimension	480.00 x 455.50 x 8.10
O Ring Size	443.36 x 7.00

490.00

Part No	PTD 4900 4655 081
Groove Dimension	490.00 x 465.50 x 8.10
O Ring Size	456.06 x 7.00

500.00

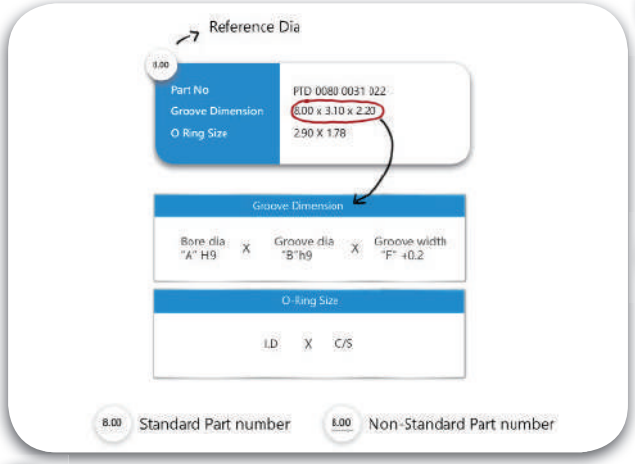
Part No	PTD 5000 4755 081
Groove Dimension	500.00 x 475.50 x 8.10
O Ring Size	468.76 x 7.00

510.00

Part No	PTD 5100 4855 081
Groove Dimension	510.00 x 485.50 x 8.10
O Ring Size	481.46 x 7.00

520.00

Part No	PTD 5200 4955 081
Groove Dimension	520.00 x 495.50 x 8.10
O Ring Size	494.16 x 7.00



530.00

Part No	PTD 5300 5055 081
Groove Dimension	530.00 x 505.50 x 8.10
O Ring Size	494.16 x 7.00

540.00

Part No	PTD 5400 5155 081
Groove Dimension	540.00 x 515.50 x 8.10
O Ring Size	506.86 x 7.00

550.00

Part No	PTD 5500 5255 081
Groove Dimension	550.00 x 525.50 x 8.10
O Ring Size	506.86 x 7.00

560.00

Part No	PTD 5600 5355 081
Groove Dimension	560.00 x 535.50 x 8.10
O Ring Size	532.26 x 7.00

570.00

Part No	PTD 5700 5455 081
Groove Dimension	570.00 x 545.50 x 8.10
O Ring Size	557.66 x 7.00

580.00

Part No	PTD 5800 5555 081
Groove Dimension	580.00 x 555.50 x 8.10
O Ring Size	557.66 x 7.00

590.00

Part No	PTD 5900 5655 081
Groove Dimension	590.00 x 565.50 x 8.10
O Ring Size	557.66 x 7.00

600.00

Part No	PTD 6000 5755 081
Groove Dimension	600.00 x 575.50 x 8.10
O Ring Size	557.66 x 7.00

610.00

Part No	PTD 6100 5855 081
Groove Dimension	610.00 x 585.50 x 8.10
O Ring Size	582.68 x 7.00

620.00

Part No	PTD 6200 5955 081
Groove Dimension	620.00 x 595.50 x 8.10
O Ring Size	582.68 x 7.00

630.00

Part No	PTD 6300 6055 081
Groove Dimension	630.00 x 605.50 x 8.10
O Ring Size	608.08 x 7.00

640.00

Part No	PTD 6400 6155 081
Groove Dimension	640.00 x 615.50 x 8.10
O Ring Size	608.08 x 7.00

650.00

Part No	PTD 6500 6255 081
Groove Dimension	650.00 x 625.50 x 8.10
O Ring Size	608.08 x 7.00

660.00

Part No	PTD 6600 6355 081
Groove Dimension	660.00 x 635.50 x 8.10
O Ring Size	633.48 x 7.00

670.00

Part No	PTD 6700 6420 095
Groove Dimension	670.00 x 642.00 x 9.50
O Ring Size	640.00 x 8.40

680.00

Part No	PTD 6800 6520 095
Groove Dimension	680.00 x 652.00 x 9.50
O Ring Size	650.00 x 8.40

690.00

Part No	PTD 6900 6620 095
Groove Dimension	690.00 x 662.00 x 9.50
O Ring Size	660.00 x 8.40

700.00

Part No	PTD 7000 6720 095
Groove Dimension	700.00 x 672.00 x 9.50
O Ring Size	670.00 x 8.40

710.00

Part No	PTD 7100 6820 095
Groove Dimension	710.00 x 682.00 x 9.50
O Ring Size	680.00 x 8.40

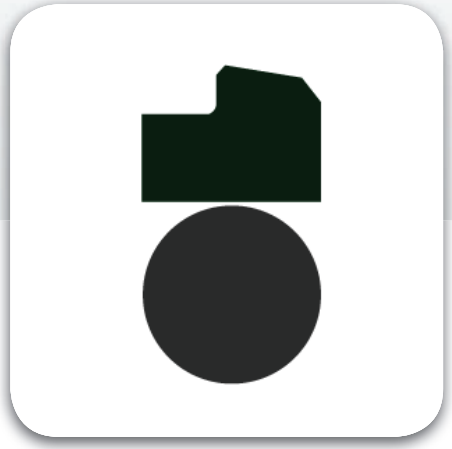
TRIADA

PSS

Piston Seals

#SealingExcellence



Description

The TRITILT® is composed of two elements. The dynamic seal is a ring in TRIALON® (filled PTFE) while the static seal is an O-Ring in TRIAFLEX® (NBR), also acting as an energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø8.00 – Ø2700.00 (Larger diameters on request)
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX®T571 (NBR 70 Shores) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. depending on Seal Compound selected.
Pressure	≤ 800 bar

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

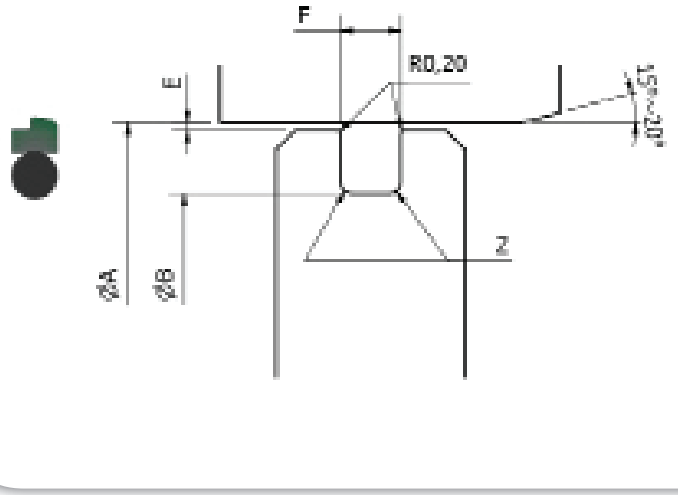
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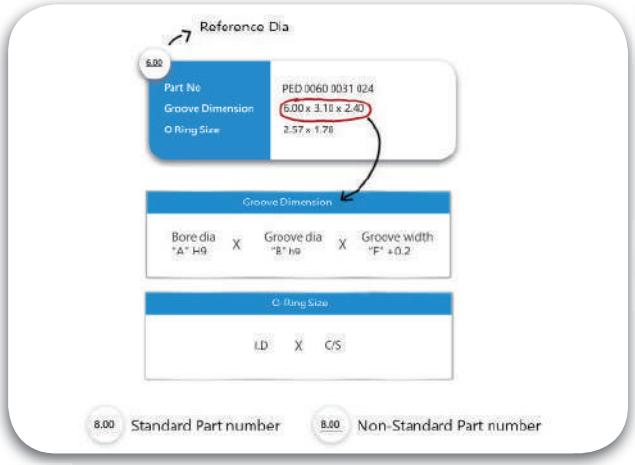
Part No	PSS	1000	0849	063	T415	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Bore Diameter "A" H9			Radial Clearence "E" max		Radius "Z"	O-Ring Cross Section
Heavy duty Series	Standard Series	Light Duty Series	0-200 bar	200-400 bar		
–	8 - 16.9	17-26.9	0.30 - 0.20	0.20 - 0.15	0.3 - 0.5	1.78
–	17 – 26.9	27 – 59.9	0.40 - 0.25	0.25 - 0.15	0.5 - 0.8	2.62
17 – 26.9	27 – 59.9	60 – 199.9	0.40 - 0.25	0.25 - 0.15	0.8 - 1.2	3.53
27 – 59.9	60 – 199.9	200 – 255.9	0.50 - 0.30	0.30 - 0.20	1.2 - 1.5	5.33
60 – 199.9	200 – 255.9	256 – 669.9	0.50 - 0.30	0.30 - 0.20	1.5 - 2.0	7.00
200 – 255.9	256 – 669.9	670 – 999.9	0.60 - 0.35	0.35 - 0.25	1.5 - 2.0	7.00
256 – 669.9	670 – 999.9	–	0.70 - 0.40	0.40 - 0.30	2.0 - 3.0	8.40





9.00

Part No	PSS 0090 0410 022
Groove Dimension	9.00 x 4.10 x 2.20
O Ring Size	3.68 x 1.78

10.00

Part No	PSS 0100 0510 022
Groove Dimension	10.00 x 5.10 x 2.20
O Ring Size	4.80 x 1.80

12.00

Part No	PSS 0120 0710 022
Groove Dimension	12.00 x 7.10 x 2.20
O Ring Size	6.70 x 1.80

14.00

Part No	PSS 0140 0910 022
Groove Dimension	14.00 x 9.10 x 2.20
O Ring Size	8.75 x 1.80

15.00

Part No	PSS 0150 0101 022
Groove Dimension	15.00 x 10.10 x 2.20
O Ring Size	9.25 x 1.78

16.00

Part No	PSS 0160 0111 022
Groove Dimension	16.00 x 11.10 x 2.20
O Ring Size	10.82 x 1.78

18.00

Part No	PSS 0180 0107 032
Groove Dimension	18.00 x 10.70 x 3.20
O Ring Size	9.19 x 2.62

20.00

Part No	PSS 0200 0151 022
Groove Dimension	20.00 x 15.10 x 2.20
O Ring Size	14.00 x 1.78

20.00

Part No	PSS 0200 0127 032
Groove Dimension	20.00 x 12.70 x 3.20
O Ring Size	12.37 x 2.62

22.00

Part No	PSS 0220 0147 032
Groove Dimension	22.00 x 14.70 x 3.20
O Ring Size	13.94 x 2.62

25.00

Part No	PSS 0250 0177 032
Groove Dimension	25.00 x 17.70 x 3.20
O Ring Size	17.12 x 2.62

25.00

Part No	PSS 0250 0143 042
Groove Dimension	25.00 x 14.30 x 4.20
O Ring Size	13.87 x 353

28.00

Part No	PSS 0280 0173 042
Groove Dimension	28.00 x 17.30 x 4.20
O Ring Size	15.47 x 3.53

30.00	
Part No	PSS 0300 0227 032
Groove Dimension	30.00 x 22.70 x 3.20
O Ring Size	21.89 x 2.62

30.00	
Part No	PSS 0300 0193 042
Groove Dimension	30.00 x 19.30 x 4.20
O Ring Size	18.66 x 3.53

32.00	
Part No	PSS 0320 0247 032
Groove Dimension	32.00 x 24.70 x 3.20
O Ring Size	23.47 x 2.62

32.00	
Part No	PSS 0320 0213 042
Groove Dimension	32.00 x 21.30 x 4.20
O Ring Size	20.22 x 3.53

35.00	
Part No	PSS 0350 0243 042
Groove Dimension	35.00 x 24.30 x 4.20
O Ring Size	23.40 x 3.53

40.00	
Part No	PSS 0400 0327 032
Groove Dimension	40.00 x 32.70 x 3.20
O Ring Size	31.42 x 2.62

40.00	
Part No	PSS 0400 0293 042
Groove Dimension	40.00 x 29.30 x 4.20
O Ring Size	28.17 x 353

42.00	
Part No	PSS 0420 0313 042
Groove Dimension	42.00 x 31.30 x 4.20
O Ring Size	29.75 x 3.53

45.00	
Part No	PSS 0450 0343 042
Groove Dimension	45.00 x 34.30 x 4.20
O Ring Size	32.92 x 5.33

48.00	
Part No	PSS 0480 0373 042
Groove Dimension	48.00 x 37.30 x 4.20
O Ring Size	36.09 x 3.53

50.00	
Part No	PSS 0500 0393 042
Groove Dimension	50.00 x 39.30 x 4.20
O Ring Size	37.70 x 3.53

50.00	
Part No	PSS 0500 0349 063
Groove Dimension	50.00 x 34.90 x 6.30
O Ring Size	32.69 x 5.33

52.00	
Part No	PSS 0520 0413 042
Groove Dimension	52.00 x 41.30 x 4.20
O Ring Size	40.87 x 3.53

55.00	
Part No	PSS 0550 0443 042
Groove Dimension	55.00 x 44.30 x 4.20
O Ring Size	44.04 x 3.53

60.00	
Part No	PSS 0600 0449 063
Groove Dimension	60.00 x 44.90 x 6.30
O Ring Size	43.82 x 5.33

63.00	
Part No	PSS 0630 0523 042
Groove Dimension	63.00 x 52.30 x 4.20
O Ring Size	50.39 x 3.53

52.00	
Part No	PSS 0630 0479 063
Groove Dimension	63.00 x 47.90 x 6.30
O Ring Size	46.99 x 5.33

65.00	
Part No	PSS 0650 0499 063
Groove Dimension	65.00 x 49.90 x 6.30
O Ring Size	46.99 x 5.33

70.00	
Part No	PSS 0700 0593 042
Groove Dimension	70.00 x 59.30 x 4.20
O Ring Size	56.74 x 3.53

70.00	
Part No	PSS 0700 0549 063
Groove Dimension	70.00 x 54.90 x 6.30
O Ring Size	53.34 x 5.33

75.00	
Part No	PSS 0750 0599 063
Groove Dimension	75.00 x 59.90 x 6.30
O Ring Size	56.52 x 5.33

80.00	
Part No	PSS 0800 0649 063
Groove Dimension	80.00 x 64.90 x 6.30
O Ring Size	62.87 x 5.33

80.00	
Part No	PSS 0800 0595 081
Groove Dimension	80.00 x 59.50 x 8.10
O Ring Size	58.00 x 7.00

85.00	
Part No	PSS 0850 0699 063
Groove Dimension	85.00 x 69.90 x 6.30
O Ring Size	69.22 x 5.33

85.00	
Part No	PSS 0850 0645 081
Groove Dimension	85.00 x 64.50 x 8.10
O Ring Size	63.00 x 7.00

90.00	
Part No	PSS 0900 0749 063
Groove Dimension	90.00 x 74.90 x 6.30
O Ring Size	72.39 x 5.33

90.00	
Part No	PSS 0900 0695 081
Groove Dimension	90.00 x 69.50 x 8.10
O Ring Size	68.00 x 7.00

95.00	
Part No	PSS 0950 0799 063
Groove Dimension	95.00 x 79.90 x 6.30
O Ring Size	78.74 x 5.33

95.00	
Part No	PSS 0950 0745 081
Groove Dimension	95.00 x 74.50 x 8.10
O Ring Size	73.00 x 7.00

100.00	
Part No	PSS 1000 0849 063
Groove Dimension	100.00 x 84.90 x 6.30
O Ring Size	81.92 x 5.33

100.00	
Part No	PSS 1000 0795 081
Groove Dimension	100.00 x 79.5 x 8.10
O Ring Size	78.00 x 7.00

105.00	
Part No	PSS 1050 0899 063
Groove Dimension	105.00 x 89.90 x 6.30
O Ring Size	88.27 x 5.33

105.00	
Part No	PSS 1050 0845 081
Groove Dimension	105.00 x 84.50 x 8.10
O Ring Size	83.00 x 7.00

106.00	
Part No	PSS 1060 0909 063
Groove Dimension	106.00 x 90.90 x 6.30
O Ring Size	88.27 x 5.33

110.00	
Part No	PSS 1100 0949 063
Groove Dimension	110.00 x 94.90 x 6.30
O Ring Size	91.44 x 5.33

110.00	
Part No	PSS 1100 0895 081
Groove Dimension	110.00 x 89.50 x 8.10
O Ring Size	88.00 x 7.00

115.00	
Part No	PSS 1150 0999 063
Groove Dimension	115.00 x 99.90 x 6.30
O Ring Size	97.79 x 5.33

115.00	
Part No	PSS 1150 0945 081
Groove Dimension	115.00 x 94.50 x 8.10
O Ring Size	93.00 x 7.00

120.00	
Part No	PSS 1200 1049 063
Groove Dimension	120.00 x 104.90 x 6.30
O Ring Size	69.22 x 5.33

120.00	
Part No	PSS 1200 0995 081
Groove Dimension	120.00 x 99.50 x 8.10
O Ring Size	98.00 x 7.00

125.00	
Part No	PSS 1250 1099 063
Groove Dimension	125.00 x 109.90 x 6.30
O Ring Size	107.32 x 5.33

125.00	
Part No	PSS 1250 1045 081
Groove Dimension	125.00 x 104.50 x 8.10
O Ring Size	103.00 x 7.00

130.00	
Part No	PSS 1300 1149 063
Groove Dimension	130.00 x 114.90 x 6.30
O Ring Size	113.67 x 5.33

130.00	
Part No	PSS 1300 1095 081
Groove Dimension	130.00 x 109.50 x 8.10
O Ring Size	108.00 x 7.00

135.00	
Part No	PSS 1350 1145 081
Groove Dimension	135.00 x 114.50 x 8.10
O Ring Size	113.67 x 7.00

140.00	
Part No	PSS 1400 1195 081
Groove Dimension	140.00 x 119.50 x 8.10
O Ring Size	116.84 x 7.00

145.00	
Part No	PSS 1450 1245 081
Groove Dimension	145.00 x 124.50 x 8.10
O Ring Size	123.19 x 7.00

150.00	
Part No	PSS 1500 1295 081
Groove Dimension	150.00 x 129.50 x 8.10
O Ring Size	126.37 x 7.00

155.00	
Part No	PSS 1550 1399 063
Groove Dimension	155.00 x 139.90 x 6.30
O Ring Size	135.89 x 5.33

160.00	
Part No	PSS 1600 1449 063
Groove Dimension	160.00 x 144.90 x 6.30
O Ring Size	142.24 x 5.33

160.00	
Part No	PSS 1600 1395 081
Groove Dimension	160.00 x 139.50 x 8.10
O Ring Size	135.89 x 7.00

165.00	
Part No	PSS 1650 1499 063
Groove Dimension	165.00 x 149.90 x 6.30
O Ring Size	148.49 x 5.33

165.00	
Part No	PSS 1650 1445 081
Groove Dimension	165.00 x 144.50 x 8.10
O Ring Size	142.24 x 7.00

170.00	
Part No	PSS 1700 1495 081
Groove Dimension	170.00 x 149.50 x 8.10
O Ring Size	145.42 x 7.00

175.00	
Part No	PSS 1750 1595 063
Groove Dimension	175.00 x 159.50 x 6.30
O Ring Size	158.12 x 5.33

180.00	
Part No	PSS 1800 1649 063
Groove Dimension	180.00 x 164.90 x 6.30
O Ring Size	164.47 x 7.00

180.00	
Part No	PSS 1800 1595 081
Groove Dimension	180.00 x 159.50 x 8.10
O Ring Size	158.12 x 7.00

190.00	
Part No	PSS 1900 1749 063
Groove Dimension	190.00 x 174.90 x 6.30
O Ring Size	170.82 x 5.33

190.00	
Part No	PSS 1900 1695 081
Groove Dimension	190.00 x 169.50 x 8.10
O Ring Size	164.47 x 5.33

200.00	
Part No	PSS 2000 1849 063
Groove Dimension	200.00 x 184.90 x 6.30
O Ring Size	183.52 x 5.33

200.00	
Part No	PSS 2000 1795 081
Groove Dimension	200.00 x 179.50 x 8.10
O Ring Size	177.17 x 7.00

205.00	
Part No	PSS 2050 1845 081
Groove Dimension	205.00 x 184.50 x 8.10
O Ring Size	183.52 x 7.00

210.00	
Part No	PSS 2100 1895 081
Groove Dimension	210.00 x 189.50 x 8.10
O Ring Size	183.52 x 7.00

220.00	
Part No	PSS 2200 2049 063
Groove Dimension	220.00 x 204.90 x 6.30
O Ring Size	202.57 x 5.33

220.00	
Part No	PSS 2200 1995 081
Groove Dimension	220.00 x 199.50 x 8.10
O Ring Size	196.22 x 7.00

230.00	
Part No	PSS 2300 2095 081
Groove Dimension	230.00 x 209.50 x 8.10
O Ring Size	208.92 x 7.00

240.00	
Part No	PSS 2400 2195 081
Groove Dimension	240.00 x 219.50 x 8.10
O Ring Size	215.27 x 7.00

250.00	
Part No	PSS 2500 2295 081
Groove Dimension	250.00 x 229.50 x 8.10
O Ring Size	227.97 x 7.00

250.00	
Part No	PSS 2500 2260 081
Groove Dimension	250.00 x 226.00 x 8.10
O Ring Size	227.97 x 7.00

260.00	
Part No	PSS 2600 2360 081
Groove Dimension	260.00 x 236.00 x 8.10
O Ring Size	227.97 x 7.00

270.00	
Part No	PSS 2700 2460 081
Groove Dimension	270.00 x 246.00 x 8.10
O Ring Size	240.67 x 7.00

280.00	
Part No	PSS 2800 2560 081
Groove Dimension	280.00 x 256.00 x 8.10
O Ring Size	253.37 x 7.00

300.00	
Part No	PSS 3000 2760 081
Groove Dimension	300.00 x 276.00 x 8.10
O Ring Size	266.07 x 7.00

306.00	
Part No	PSS 3060 2855 081
Groove Dimension	306.00 x 285.50 x 8.10
O Ring Size	278.77 x 7.00

310.00	
Part No	PSS 3100 2860 081
Groove Dimension	310.00 x 286.00 x 8.10
O Ring Size	278.77 x 7.00

320.00

Part No	PSS 3200 2995 081
Groove Dimension	320.00 x 299.50 x 8.10
O Ring Size	291.47 x 7.00

320.00

Part No	PSS 3200 2960 081
Groove Dimension	320.00 x 296.00 x 8.10
O Ring Size	291.47 x 7.00

330.00

Part No	PSS 3300 3060 081
Groove Dimension	330.00 x 306.00 x 8.10
O Ring Size	304.17 x 7.00

340.00

Part No	PSS 3400 3160 081
Groove Dimension	340.00 x 316.00 x 8.10
O Ring Size	316.87 x 7.00

345.00

Part No	PSS 3450 3245 081
Groove Dimension	345.00 x 324.50 x 8.10
O Ring Size	316.87 x 7.00

350.00

Part No	PSS 3500 3260 081
Groove Dimension	350.00 x 326.00 x 8.10
O Ring Size	316.87 x 7.00

360.00

Part No	PSS 3600 3360 081
Groove Dimension	360.00 x 336.00 x 8.10
O Ring Size	329.57 x 7.00

370.00

Part No	PSS 3700 3460 081
Groove Dimension	370.00 x 346.00 x 8.10
O Ring Size	342.27 x 7.00

380.00

Part No	PSS 3800 3560 081
Groove Dimension	380.00 x 356.00 x 8.10
O Ring Size	354.97 x 7.00

400.00

Part No	PSS 4000 3760 081
Groove Dimension	400.00 x 376.00 x 8.10
O Ring Size	367.67 x 7.00

420.00

Part No	PSS 4200 3960 081
Groove Dimension	420.00 x 396.00 x 8.10
O Ring Size	393.07 x 7.00

430.00

Part No	PSS 4300 4060 081
Groove Dimension	430.00 x 406.00 x 8.10
O Ring Size	405.26 x 7.00

440.00

Part No	PSS 4400 4160 081
Groove Dimension	440.00 x 416.00 x 8.10
O Ring Size	405.26 x 7.00

450.00

Part No	PSS 4500 4260 081
Groove Dimension	450.00 x 426.00 x 8.10
O Ring Size	417.96 x 7.00

480.00

Part No	PSS 4800 4560 081
Groove Dimension	480.00 x 456.00 x 8.10
O Ring Size	456.06 x 7.00

500.00

Part No	PSS 5000 4760 081
Groove Dimension	500.00 x 476.00 x 8.10
O Ring Size	468.76 x 7.00

520.00

Part No	PSS 5200 4995 081
Groove Dimension	520.00 x 499.50 x 8.10
O Ring Size	494.16 x 7.00

540.00

Part No	PSS 5400 5160 081
Groove Dimension	540.00 x 516.00 x 8.10
O Ring Size	506.86 x 7.00

600.00

Part No	PSS 6000 5760 081
Groove Dimension	600.00 x 576.00 x 8.10
O Ring Size	557.66 x 7.00

650.00

Part No	PSS 6500 6260 081
Groove Dimension	650.00 x 626.00 x 8.10
O Ring Size	608.08 x 7.00

700.00

Part No	PSS 7000 6727 095
Groove Dimension	700.00 x 672.7 x 9.50
O Ring Size	670.00 x 8.40

800.00

Part No	PSS 8000 7727 095
Groove Dimension	800.00 x 772.70 x 9.50
O Ring Size	770.00 x 8.40

860.00

Part No	PSS 8600 8327 095
Groove Dimension	860.00 x 832.70 x 9.50
O Ring Size	830.00 x 8.40

900.00

Part No	PSS 9000 8727 095
Groove Dimension	900.00 x 872.70 x 9.50
O Ring Size	870.00 x 8.40

920.00

Part No	PSS 9200 8927 095
Groove Dimension	920.00 x 892.70 x 9.50
O Ring Size	890.00 x 8.40

1000.00

Part No	PSSX1000 0972 095
Groove Dimension	1000.00 x 972.20 x 9.50
O Ring Size	970.00 x 8.40

1000.00

Part No	PSSX1000 0962 138
Groove Dimension	1000.00 x 962.0 x 13.80
O Ring Size	960.00 x 12.00

1200.00

Part No	PSSX1200 1172 095
Groove Dimension	1200.00 x 1172.00 x 9.50
O Ring Size	1170.00 x 8.40

1200.00

Part No	PSSX1200 1162 138
Groove Dimension	1200.00 x 1162.00 x 13.80
O Ring Size	1160.00 x 12.00

1500.00

Part No	PSSX1500 1462 138
Groove Dimension	1500.00 x 1462.00 x 13.80
O Ring Size	1460.00X12.00

2000.00

Part No	PSSX2000 1962 138
Groove Dimension	2000.00 x 1962.00 x 13.80
O Ring Size	1960.00 x 12.00

2700.00

Part No	PSSX2700 2662 138
Groove Dimension	2700.00 x 2662.00 x 13.80
O Ring Size	2660.00 x 12.00

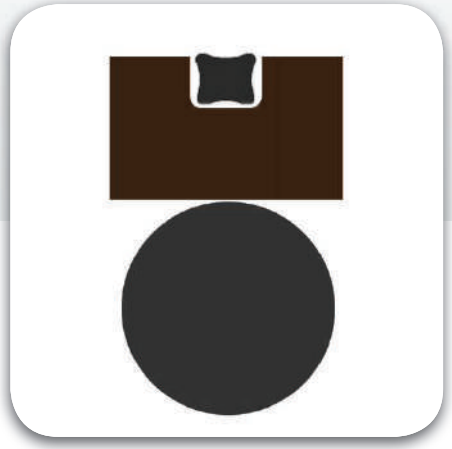
TRIADA

PQD

Piston Seals

#SealingExcellence



Description

The PQD is a Double Acting Seal made of three sealing elements, the dynamic seal is a ring in TRIALON® (filled PTFE) with the LOBE Ring in TRIAFLEX® (NBR) at the centre, which results in low friction, while the static seal is an O-Ring in TRIAFLEX®(NBR), also acting as an energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring & Lobe Ring compound also can be changed from the standard compounds, considering the media compatibility, temperature etc.



Diameter Range	Ø16.00 – Ø700.00 (Larger diameters on request)
Standard material	TRIALON®T415 (Bronze Filled PTFE) with Energiser & Lobe ring in TRIAFLEX®T571 (NBR 70 Shores) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 2.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.
Pressure	≤ 400 bar

Material Details

Sealing material	Sealing Material Code	O-Ring / Lobe RingMaterial	O-Ring / Lobe Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

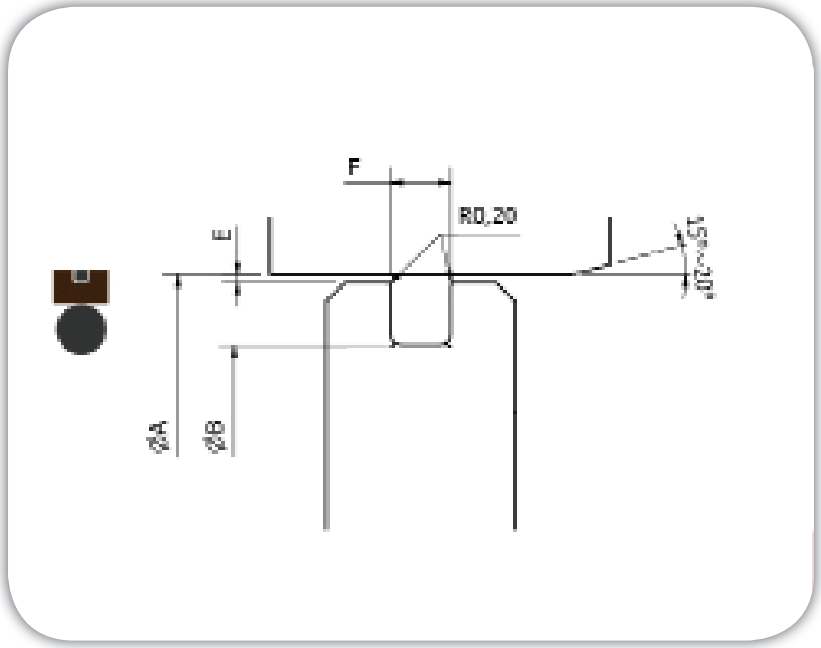
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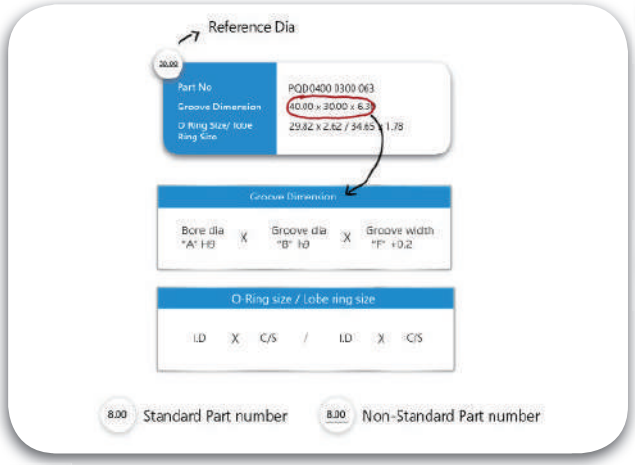
Part No	PQD	0160	0050	042	T415	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring \ Lobe Ring material Code



Groove Details

Bore Diameter "A" H9		Radial Clearence "E" max		Lobe Ring Cross Section	O-Ring Cross Section
Standard Series	Light Duty Series	0-200 bar	200-400 bar		
15-39.9	40-79.9	0.15	0.10	1.78	3.53
40-79.9	80-132.9	0.20	0.15	1.78	5.33
80-132.9	133-252.9	0.20	0.15	2.62	7.00
133-252.9		0.20	0.15	2.62	7.00
253-462.9		0.30	0.25	3.53	8.40
463-462.9		0.40	0.35	5.33	10.00





16.00

Part No	PQD 0160 0050 042
Groove Dimension	16.00 x 5.00 x 4.20
O Ring Size/ Lobe Ring Size	4.34 x 3.53 / 12.42 x 1.78

18.00

Part No	PQD 0180 0070 042
Groove Dimension	18.00 x 7.00 x 4.20
O Ring Size/ Lobe Ring Size	6.42 x 3.53 / 14.00 x 1.78

20.00

Part No	PQD 0200 0090 042
Groove Dimension	20.00 x 9.00 x 4.20
O Ring Size/ Lobe Ring Size	8.42 x 3.53 / 15.60 x 1.78

22.00

Part No	PQD 0220 0110 042
Groove Dimension	22.00 x 11.00 x 4.20
O Ring Size/ Lobe Ring Size	10.69 x 3.53 / 17.17 x 1.78

25.00

Part No	PQD 0250 0140 042
Groove Dimension	25.00 x 14.00 x 4.20
O Ring Size/ Lobe Ring Size	13.87 x 3.53 / 20.35 x 1.78

28.00

Part No	PQD 0280 0170 042
Groove Dimension	28.00 x 17.00 x 4.20
O Ring Size/ Lobe Ring Size	15.47 x 3.53 / 23.52 x 1.78

30.00

Part No	PQD 0300 0190 042
Groove Dimension	30.00 x 19.00 x 4.20
O Ring Size/ Lobe Ring Size	18.66 x 3.53 / 25.12 x 1.78

32.00

Part No	PQD 0320 0210 042
Groove Dimension	32.00 x 21.00 x 4.20
O Ring Size/ Lobe Ring Size	20.22 x 3.53 / 26.70 x 1.78

35.00

Part No	PQD 0350 0240 042
Groove Dimension	35.00 x 24.00 x 4.20
O Ring Size/ Lobe Ring Size	23.40 x 3.53 / 29.87 x 1.78

40.00

Part No	PQD 0400 0290 042
Groove Dimension	40.00 x 29.00 x 4.20
O Ring Size/ Lobe Ring Size	28.17 x 3.53 / 34.65 x 1.78

42.00

Part No	PQD 0420 0310 042
Groove Dimension	42.00 x 31.00 x 4.20
O Ring Size/ Lobe Ring Size	29.75 x 3.53 / 37.82 x 1.78

45.00

Part No	PQD 0450 0340 042
Groove Dimension	45.00 x 34.00 x 4.20
O Ring Size/ Lobe Ring Size	32.92 x 3.53 / 37.82 x 1.78

48.00

Part No	PQD 0480 0370 042
Groove Dimension	48.00 x 37.00 x 4.20
O Ring Size/ Lobe Ring Size	36.09 x 3.53 / 41.00 x 1.78

50.00

Part No	PQD 0500 0390 042
Groove Dimension	50.00 x 39.00 x 4.20
O Ring Size/ Lobe Ring Size	37.70 x 3.53 / 44.17 x 1.78

50.00

Part No	PQD 0500 0345 063
Groove Dimension	50.00 x 34.50 x 6.30
O Ring Size/ Lobe Ring Size	32.69 x 3.53 / 44.17 x 1.78

52.00

Part No	PQD 0520 0410 042
Groove Dimension	52.00 x 41.00 x 4.20
O Ring Size/ Lobe Ring Size	40.87 x 3.53 / 47.35 x 1.78

55.00

Part No	PQD 0550 0440 042
Groove Dimension	55.00 x 44.00 x 4.20
O Ring Size/ Lobe Ring Size	44.04 x 3.53 / 50.52 x 1.78

60.00

Part No	PQD 0600 0490 042
Groove Dimension	60.00 x 49.00 x 4.20
O Ring Size/ Lobe Ring Size	47.22 x 3.53 / 53.70 x 1.78

63.00

Part No	PQD 0630 0520 042
Groove Dimension	63.00 x 52.00 x 4.20
O Ring Size/ Lobe Ring Size	46.99 x 5.33 / 56.87 x 1.78

63.00

Part No	PQD 0630 0475 063
Groove Dimension	63.00 x 47.50 x 6.30
O Ring Size/ Lobe Ring Size	46.99 x 5.33 / 56.87 x 1.78

65.00

Part No	PQD 0650 0540 042
Groove Dimension	65.00 x 54.00 x 4.20
O Ring Size/ Lobe Ring Size	53.57 x 3.53 / 60.05 x 1.78

70.00

Part No	PQD 0700 0590 042
Groove Dimension	70.00 x 59.00 x 4.20
O Ring Size/ Lobe Ring Size	56.74 x 3.53 / 63.22 x 1.78

70.00

Part No	PQD 0700 0545 063
Groove Dimension	70.00 x 54.50 x 6.30
O Ring Size/ Lobe Ring Size	53.34 x 5.33 / 63.22 x 1.78

75.00

Part No	PQD 0750 0640 042
Groove Dimension	75.00 x 64.00 x 4.20
O Ring Size/ Lobe Ring Size	63.09 x 3.53 / 69.57 x 1.78

80.00

Part No	PQD 0800 0645 063
Groove Dimension	80.00 x 64.50 x 6.30
O Ring Size/ Lobe Ring Size	53.34 x 5.33 / 72.75 x 1.78

80.00

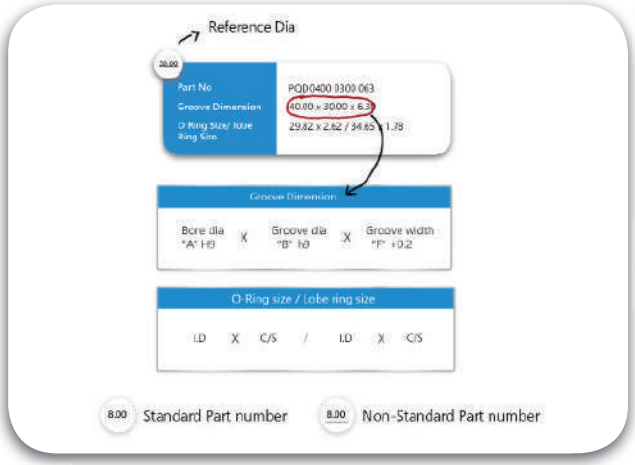
Part No	PQD 0800 0590 081
Groove Dimension	80.00 x 59.00 x 8.10
O Ring Size/ Lobe Ring Size	58.00 x 7.00 / 71.12 x 2.62

85.00

Part No	PQD 0850 0695 063
Groove Dimension	85.00 x 69.50 x 6.30
O Ring Size/ Lobe Ring Size	69.22 x 5.33 / 75.92 x 1.78

85.00

Part No	PQD 0850 0640 081
Groove Dimension	85.00 x 64.00 x 8.10
O Ring Size/ Lobe Ring Size	63.00 x 7.00 / 75.87 x 2.62



90.00	
Part No	PQD 0900 0745 063
Groove Dimension	90.00 x 74.50 x 6.30
O Ring Size/ Lobe Ring Size	72.39 x 5.33 / 82.27 x 1.78

90.00	
Part No	PQD 0900 0690 081
Groove Dimension	90.00 x 69.00 x 8.10
O Ring Size/ Lobe Ring Size	68.00 x 7.00/ 82.22 x 2.62

95.00	
Part No	PQD 0950 0795 063
Groove Dimension	95.00 x 79.50 x 6.30
O Ring Size/ Lobe Ring Size	78.74 x 5.33 / 88.62 x 1.78

95.00	
Part No	PQD 0950 0740 081
Groove Dimension	95.00 x 74.00 x 8.10
O Ring Size/ Lobe Ring Size	73.00 x 7.00 / 82.22 x 2.62

100.00	
Part No	PQD 1000 0845 063
Groove Dimension	100.00 x 84.50 x 6.30
O Ring Size/ Lobe Ring Size	81.92 x 5.33 / 88.62 x 1.78

100.00	
Part No	PQD 1000 0790 081
Groove Dimension	100.00 x 79.00 x 8.10
O Ring Size/ Lobe Ring Size	78.00 x 7.00 / 88.57 x 1.78

105.00	
Part No	PQD 1050 0895 063
Groove Dimension	105.00 x 89.50 x 6.30
O Ring Size/ Lobe Ring Size	88.27 x 5.33 / 94.97 x 1.78

105.00	
Part No	PQD 1050 0840 081
Groove Dimension	105.00 x 84.00 x 8.10
O Ring Size/ Lobe Ring Size	83.00 x 7.00 / 94.92 x 2.62

110.00	
Part No	PQD 1100 0945 063
Groove Dimension	110.00 x 94.50 x 6.30
O Ring Size/ Lobe Ring Size	91.44 x 5.33 / 101.32 x 1.78

110.00	
Part No	PQD 1100 0890 081
Groove Dimension	110.00 x 89.00 x 8.10
O Ring Size/ Lobe Ring Size	88.00 x 7.00 / 101.27 x 2.62

115.00	
Part No	PQD 1150 0995 063
Groove Dimension	115.00 x 99.50 x 6.30
O Ring Size/ Lobe Ring Size	97.79 x 5.33 / 107.67 x 1.78

115.00	
Part No	PQD 1150 0940 081
Groove Dimension	115.00 x 94.00 x 8.10
O Ring Size/ Lobe Ring Size	93.00 x 7.00 / 107.62 x 2.62

120.00	
Part No	PQD 1200 1045 063
Groove Dimension	120.00 x 104.50 x 6.30
O Ring Size/ Lobe Ring Size	100.97 x 5.33 / 114.02 x 1.78

120.00	
Part No	PQD 1200 0990 081
Groove Dimension	120.00 x 99.00 x 8.10
O Ring Size/ Lobe Ring Size	98.00 x 7.00 / 107.62 x 2.62

125.00	
Part No	PQD 1250 1095 063
Groove Dimension	125.00 x 109.50 x 6.30
O Ring Size/ Lobe Ring Size	107.32 x 5.33 / 114.02 x 1.78

125.00	
Part No	PQD 1250 1040 081
Groove Dimension	125.00 x 104.00 x 8.10
O Ring Size/ Lobe Ring Size	103.00 x 7.00 / 113.97 x 2.62

130.00	
Part No	PQD 1300 1145 063
Groove Dimension	130.00 x 114.50 x 6.30
O Ring Size/ Lobe Ring Size	113.67 x 7.00 / 12.037 x 1.78

130.00	
Part No	PQD 1300 1090 081
Groove Dimension	130.00 x 109.00 x 8.10
O Ring Size/ Lobe Ring Size	108.00 x 7.00 / 120.32 x 2.62

135.00	
Part No	PQD 1350 1140 081
Groove Dimension	135.00 x 114.00 x 8.10
O Ring Size/ Lobe Ring Size	113.67 x 7.00 / 126.67 x 2.62

140.00	
Part No	PQD 1400 1190 081
Groove Dimension	140.00 x 119.00 x 8.10
O Ring Size/ Lobe Ring Size	116.84 x 7.00 / 126.67 x 2.62

150.00	
Part No	PQD 1500 1290 081
Groove Dimension	150.00 x 129.00 x 8.10
O Ring Size/ Lobe Ring Size	126.37 x 7.00 / 139.37 x 2.62

160.00	
Part No	PQD 1600 1390 081
Groove Dimension	160.00 x 139.00 x 8.10
O Ring Size/ Lobe Ring Size	135.89 x 7.00 / 145.72 x 2.62

170.00	
Part No	PQD 1700 1490 081
Groove Dimension	170.00 x 149.00 x 8.10
O Ring Size/ Lobe Ring Size	145.42 x 7.00 / 158.42 x 2.62

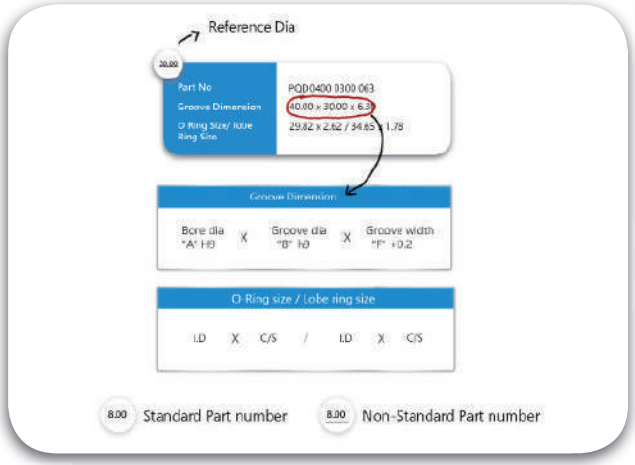
180.00	
Part No	PQD 1800 1590 081
Groove Dimension	180.00 x 159.00 x 8.10
O Ring Size/ Lobe Ring Size	158.12 x 7.00 / 171.11 x 2.62

190.00	
Part No	PQD 1900 1690 081
Groove Dimension	190.00 x 169.00 x 8.10
O Ring Size/ Lobe Ring Size	164.47 x 7.00 / 177.42 x 2.62

200.00	
Part No	PQD 2000 1790 081
Groove Dimension	200.00 x 179.00 x 8.10
O Ring Size/ Lobe Ring Size	177.17 x 7.00 / 190.17 x 2.62

210.00	
Part No	PQD 2100 1890 081
Groove Dimension	210.00 x 189.00 x 8.10
O Ring Size/ Lobe Ring Size	183.52 x 7.00 / 196.52 x 2.62

220.00	
Part No	PQD 2200 1990 081
Groove Dimension	220.00 x 199.00 x 8.10
O Ring Size/ Lobe Ring Size	196.22 x 7.00 / 202.87 x 2.62



230.00

Part No	PQD 2300 2090 081
Groove Dimension	230.00 x 209.00 x 8.10
O Ring Size/ Lobe Ring Size	208.92 x 7.00 / 215.57 x 2.62

240.00

Part No	PQD 2400 2190 081
Groove Dimension	240.00 x 219.00 x 8.10
O Ring Size/ Lobe Ring Size	215.27 x 7.00 / 221.92 x 2.62

250.00

Part No	PQD 2500 2290 081
Groove Dimension	250.00 x 229.00 x 8.10
O Ring Size/ Lobe Ring Size	227.97 x 7.00 / 234.62 x 2.62

250.00

Part No	PQD 2500 2250 081
Groove Dimension	250.00 x 225.00 x 8.10
O Ring Size/ Lobe Ring Size	227.97 x 7.00 / 234.62 x 2.62

280.00

Part No	PQD 2800 2520 095
Groove Dimension	280.00 x 252.00 x 9.50
O Ring Size/ Lobe Ring Size	250.00 x 8.40 / 266.29 x 3.53

300.00

Part No	PQD 3000 2720 095
Groove Dimension	300.00 x 272.00 x 9.50
O Ring Size/ Lobe Ring Size	270.00 x 8.40 / 278.99 x 3.53

310.00

Part No	PQD 3100 2820 095
Groove Dimension	310.00 x 282.00 x 9.50
O Ring Size/ Lobe Ring Size	280.00 x 8.40 / 291.69 x 3.53

320.00

Part No	PQD 3200 2920 095
Groove Dimension	320.00 x 292.00 x 9.50
O Ring Size/ Lobe Ring Size	290.00 x 8.40

350.00

Part No	PQD 3500 3220 095
Groove Dimension	350.00 x 322.00 x 9.50
O Ring Size/ Lobe Ring Size	320.00 x 8.40 / 329.79 x 3.53

400.00

Part No	PQD 4000 3720 095
Groove Dimension	400.00 x 372.00 x 9.50
O Ring Size/ Lobe Ring Size	370.00 x 8.40 / 380.59 x 3.53

420.00

Part No	PQD 4200 3930 095
Groove Dimension	420.00 x 393.00 x 9.50
O Ring Size/ Lobe Ring Size	390.00 x 8.40 / 380.59 x 3.53

450.00

Part No	PQD 4500 4220 095
Groove Dimension	450.00 x 422.00 x 9.50
O Ring Size/ Lobe Ring Size	420.00 x 8.40 / 430.66 x 3.53

480.00

Part No	PQD 4800 4450 115
Groove Dimension	480.00 x 445.00 x 11.50
O Ring Size/ Lobe Ring Size	444.00 x 10.00 / 456.06 x 5.33

500.00

Part No	PQD 5000 4650 115
Groove Dimension	500.00 x 465.00 x 11.50
O Ring Size/ Lobe Ring Size	464.00 x 10.00 / 456.06 x 5.33

600.00

Part No	PQD 6000 5650 115
Groove Dimension	600.00 x 565.00 x 11.50
O Ring Size/ Lobe Ring Size	564.00 x 10.00 / 557.58 x 5.33

700.00

Part No	PQD 7000 6650 115
Groove Dimension	700.00 x 665.00 x 11.50
O Ring Size/ Lobe Ring Size	664.00 x 10.00 / 658.88 x 5.33

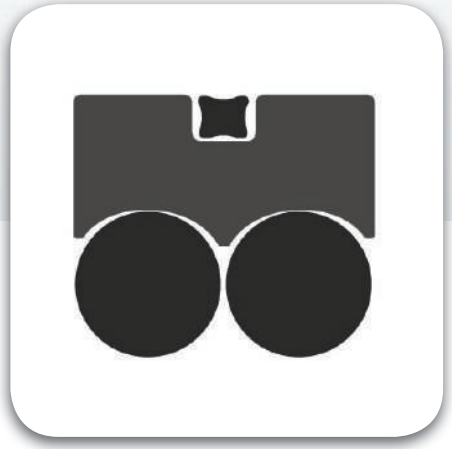
TRIADA

PQE

Piston Seals

#SealingExcellence



Description

The PQE is a Double Acting Seal made of four sealing elements, the dynamic seal being a ring in TRIALON® (filled PTFE) with the Lobe Ring in TRIAFLEX® (NBR), which arrests the movement of fluid through a seal with a very low friction, while the static sealing is through two O-Rings in TRIAFLEX® (NBR), also acting as an energizer to improve the efficiency. Presence of two O-Rings provides improved static sealing as well as better stability for the seal. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring & Lobe Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø16.00 – Ø700.00 (Larger diameters on request)
Standard material	TRIALON®T415 (Bronze Filled PTFE) with Energiser & Lobe ring in TRIAFLEX®T571 (NBR 70 Shores) (Other Compounds available, so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 2.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.
Pressure	≤ 400 bar

Material Details

Sealing material	Sealing Material Code	O-Ring / Lobe RingMaterial	O-Ring / Lobe Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

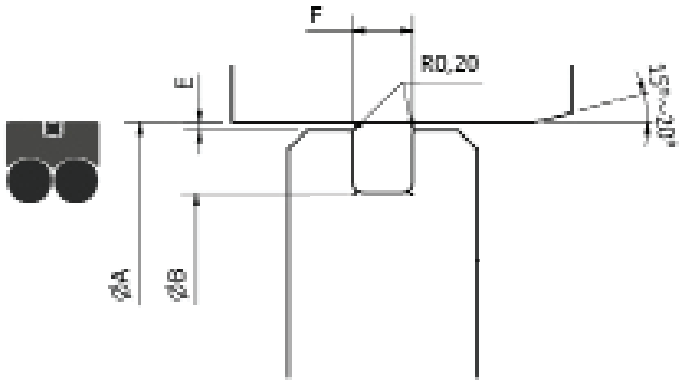
Nomenclature

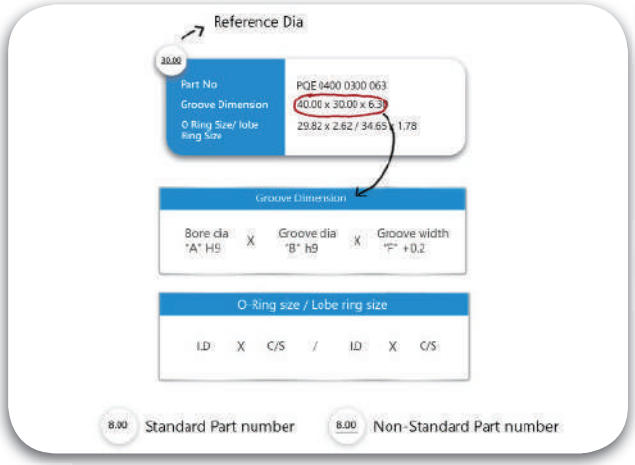
Part No	PQD	0160	0050	042	T415	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring \ Lobe Ring material Code



Groove Details

Bore Diameter "A" H9	Radial Clearance "E" Max			
Satandard Range	<20bar	<100bar	<200bar	<400bar
6.00 - 13.90	0.20	0.10	0.08	0.05
14.00 - 24.90	0.25	0.15	0.10	0.07
25.00 - 45.90	0.35	0.20	0.15	0.08
46.00 - 124.90	0.50	0.25	0.20	0.10
125.00 - 999.90	0.60	0.30	0.25	0.12
1000.00 - 2700.00	0.90	0.50	0.40	0.20





30.00

Part No	PQE 0400 0300 063
Groove Dimension	40.00 x 30.00 x 6.30
O Ring Size/Lobe Ring Size	29.82 x 2.62 / 34.65 x 1.78

42.00

Part No	PQE 0420 0320 063
Groove Dimension	42.00 x 32.00 x 6.30
O Ring Size/Lobe Ring Size	31.42 x 2.62 / 37.82 x 1.78

45.00

Part No	PQE 0450 0350 063
Groove Dimension	45.00 x 35.00 x 6.30
O Ring Size/Lobe Ring Size	34.59 x 2.62 / 37.82 x 1.78

48.00

Part No	PQE 0480 0380 063
Groove Dimension	48.00 x 38.00 x 6.30
O Ring Size/Lobe Ring Size	37.77 x 2.62 / 41.00 x 1.78

50.00

Part No	PQE 0500 0400 063
Groove Dimension	50.00 x 40.00 x 6.30
O Ring Size/Lobe Ring Size	39.34 x 2.62 / 44.17 x 1.78

52.00

Part No	PQE 0520 0420 063
Groove Dimension	52.00 x 42.00 x 6.30
O Ring Size/Lobe Ring Size	40.94 x 2.62 / 47.35 x 1.78

55.00

Part No	PQE 0550 0450 063
Groove Dimension	55.00 x 45.00 x 6.30
O Ring Size/Lobe Ring Size	44.12 x 2.62 / 50.52 x 1.78

60.00

Part No	PQE 0600 0500 063
Groove Dimension	60.00 x 50.00 x 6.30
O Ring Size/Lobe Ring Size	48.90 x 2.62 / 53.70 x 1.78

63.00

Part No	PQE 0630 0530 063
Groove Dimension	63.00 x 53.00 x 6.30
O Ring Size/Lobe Ring Size	52.07 x 2.62 / 56.87 x 1.78

65.00

Part No	PQE 0650 0550 063
Groove Dimension	65.00 x 55.00 x 6.30
O Ring Size/Lobe Ring Size	53.64 x 2.62 / 60.05 x 1.78

70.00

Part No	PQE 0700 0600 063
Groove Dimension	70.00 x 60.00 x 6.30
O Ring Size/Lobe Ring Size	58.42 x 2.62 / 63.22 x 1.78

75.00

Part No	PQE 0750 0650 063
Groove Dimension	75.00 x 65.00 x 6.30
O Ring Size/Lobe Ring Size	63.17 x 2.62 / 69.57 x 1.78

80.00

Part No	PQE 0800 0670 083
Groove Dimension	80.00 x 67.00 x 8.30
O Ring Size/Lobe Ring Size	66.27 x 3.53 / 71.12 x 1.78

85.00	
Part No	PQE 0850 0720 083
Groove Dimension	85.00 x 72.00 x 8.30
O Ring Size/Lobe Ring Size	69.44 x 3.53 / 75.87 x 2.62

90.00	
Part No	PQE 0900 0770 083
Groove Dimension	90.00 x 77.00 x 8.30
O Ring Size/Lobe Ring Size	75.59 x 3.53 / 82.22 x 2.62

95.00	
Part No	PQE 0950 0820 083
Groove Dimension	95.00 x 82.00 x 8.30
O Ring Size/Lobe Ring Size	78.97 x 3.53 / 82.22 x 2.62

100.00	
Part No	PQE 1000 0870 083
Groove Dimension	100.00 x 87.00 x 8.30
O Ring Size/Lobe Ring Size	85.32 x 3.53 / 88.57 x 2.62

105.00	
Part No	PQE 1050 0920 083
Groove Dimension	105.00 x 92.00 x 8.30
O Ring Size/Lobe Ring Size	91.67 x 3.53 / 94.62 x 2.62

110.00	
Part No	PQE 1100 0970 083
Groove Dimension	110.00 x 97.00 x 8.30
O Ring Size/Lobe Ring Size	94.84 x 3.53 / 101.27 x 2.62

115.00	
Part No	PQE 1150 1020 083
Groove Dimension	115.00 x 102.00 x 8.30
O Ring Size/Lobe Ring Size	101.19 x 3.53 / 107.62 x 2.62

120.00	
Part No	PQE 1200 1070 083
Groove Dimension	120.00 x 107.00 x 8.30
O Ring Size/Lobe Ring Size	104.37 x 3.53 / 107.62 x 2.62

125.00	
Part No	PQE 1250 1120 083
Groove Dimension	125.00 x 112.00 x 8.30
O Ring Size/Lobe Ring Size	110.72 x 3.53 / 113.97 x 2.62

130.00	
Part No	PQE 1300 1170 083
Groove Dimension	130.00 x 117.00 x 8.30
O Ring Size/Lobe Ring Size	113.87 x 3.53 / 120.32 x 2.62

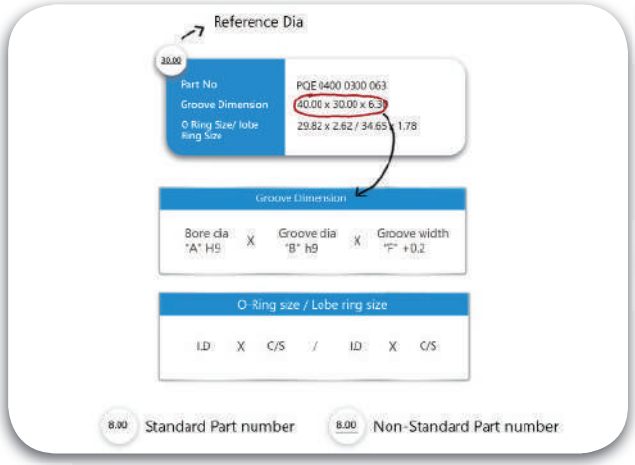
135.00	
Part No	PQE 1350 1170 123
Groove Dimension	135.00 x 117.00 x 12.30
O Ring Size/Lobe Ring Size	113.67 x 5.33 / 123.42 x 3.53

140.00	
Part No	PQE 1400 1220 123
Groove Dimension	140.00 x 122.00 x 12.30
O Ring Size/Lobe Ring Size	120.02 x 5.33 / 126.60 x 3.53

150.00	
Part No	PQE 1500 1320 123
Groove Dimension	150.00 x 132.00 x 12.30
O Ring Size/Lobe Ring Size	129.54 x 5.33 / 136.12 x 3.53

160.00	
Part No	PQE 1600 1420 123
Groove Dimension	160.00 x 142.00 x 12.30
O Ring Size/Lobe Ring Size	139.07 x 5.33 / 145.65 x 3.53

170.00	
Part No	PQE 1700 1520 123
Groove Dimension	170.00 x 152.00 x 12.30
O Ring Size/Lobe Ring Size	148.49 x 5.33 / 158.35 x 3.53



180.00

Part No	PQE 1800 1620 123
Groove Dimension	180.00 x 162.00 x 12.30
O Ring Size/Lobe Ring Size	158.12 x 5.33 / 164.70 x 3.53

190.00

Part No	PQE 1900 1720 123
Groove Dimension	190.00 x 172.00 x 12.30
O Ring Size/Lobe Ring Size	170.82 x 5.33 / 177.40 x 3.53

200.00

Part No	PQE 2000 1820 123
Groove Dimension	200.00 x 182.00 x 12.30
O Ring Size/Lobe Ring Size	177.17 x 5.33 / 183.75 x 3.53

210.00

Part No	PQE 2100 1920 123
Groove Dimension	210.00 x 192.00 x 12.30
O Ring Size/Lobe Ring Size	189.87 x 5.33 / 196.45 x 3.53

220.00

Part No	PQE 2200 2020 123
Groove Dimension	220.00 x 202.00 x 12.30
O Ring Size/Lobe Ring Size	196.22 x 5.33 / 202.80 x 3.53

230.00

Part No	PQE 2300 2120 123
Groove Dimension	230.00 x 212.00 x 12.30
O Ring Size/Lobe Ring Size	208.92 x 5.33 / 215.50 x 3.53

240.00

Part No	PQE 2400 2220 123
Groove Dimension	240.00 x 222.00 x 12.30
O Ring Size/Lobe Ring Size	221.62 x 5.33 / 221.85 x 3.53

250.00

Part No	PQE 2500 2320 123
Groove Dimension	250.00 x 232.00 x 12.30
O Ring Size/Lobe Ring Size	227.97 x 5.33 / 234.55 x 3.53

280.00

Part No	PQE 2800 2620 123
Groove Dimension	280.00 x 262.00 x 12.30
O Ring Size/Lobe Ring Size	253.37 x 5.33 / 266.29 x 3.53

300.00

Part No	PQE 3000 2820 123
Groove Dimension	300.00 x 282.00 x 12.30
O Ring Size/Lobe Ring Size	278.77 x 3.53 / 278.99 x 3.53

320.00

Part No	PQE 3200 3020 123
Groove Dimension	320.00 x 302.00 x 12.30
O Ring Size/Lobe Ring Size	291.47 x 5.33 / 304.39 x 3.53

350.00

Part No	PQE 3500 3320 123
Groove Dimension	350.00 x 332.00 x 12.30
O Ring Size/Lobe Ring Size	329.57 x 5.33 / 329.79 x 3.53

400.00

Part No	PQE 4000 3820 123
Groove Dimension	400.00 x 382.00 x 12.30
O Ring Size/Lobe Ring Size	380.37 x 5.33 / 380.59 x 3.53

420.00

Part No	PQE 4200 4020 123
Groove Dimension	420.00 x 402.00 x 12.30
O Ring Size/Lobe Ring Size	405.26 x 5.33 / 380.59 x 3.53

450.00

Part No	PQE 4500 4320 123
Groove Dimension	450.00 x 432.00 x 12.30
O Ring Size/Lobe Ring Size	430.66 x 5.33 / 430.66 x 3.53

480.00

Part No	PQE 4800 4490 163
Groove Dimension	480.00 x 449.00 x 16.30
O Ring Size/Lobe Ring Size	443.36 x 7.00 / 456.06 x 3.53

500.00

Part No	PQE 5000 4690 163
Groove Dimension	500.00 x 469.00 x 16.30
O Ring Size/Lobe Ring Size	468.76 x 7.00 / 456.06 x 3.53

600.00

Part No	PQE 6000 5690 163
Groove Dimension	600.00 x 569.00 x 16.30
O Ring Size/Lobe Ring Size	557.66 x 7.00 / 557.58 x 3.53

700.00

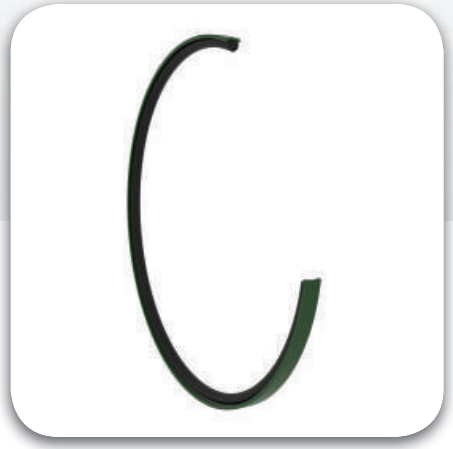
Part No	PQE 7000 6690 163
Groove Dimension	700.00 x 669.00 x 16.30
O Ring Size/Lobe Ring Size	658.88 x 7.00 / 658.88 x 3.53

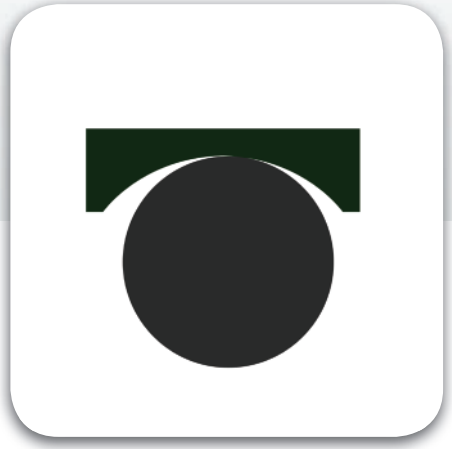
TRIADA

PED

Piston Seals

#SealingExcellence



Description

The PED Seal is a bidirectional seal and composed of two elements. The dynamic seal is a ring in TRIALON® (filled PTFE) while the static seal is an O-Ring in TRIAFLEX® (NBR) also acting as energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø20.00 – Ø 2500.00
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR 70 Shores) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material)
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc depending on Seal Compounds selected
Pressure	≤ 350 bar

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR	N
		TRIAFLEX® T675 FKM	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM	E
		TRIAFLEX® T531 HNBR	H

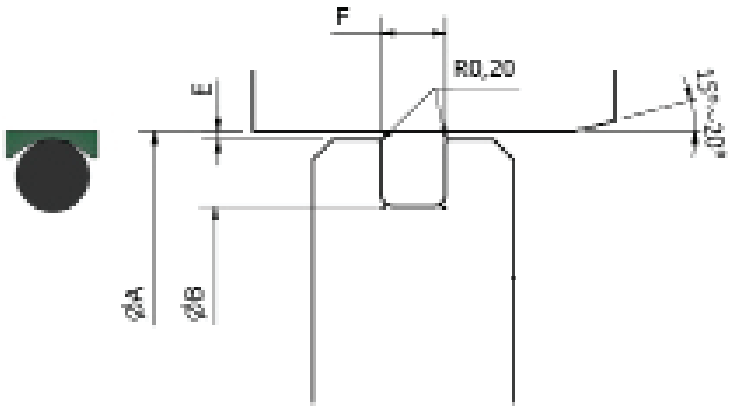
Nomenclature

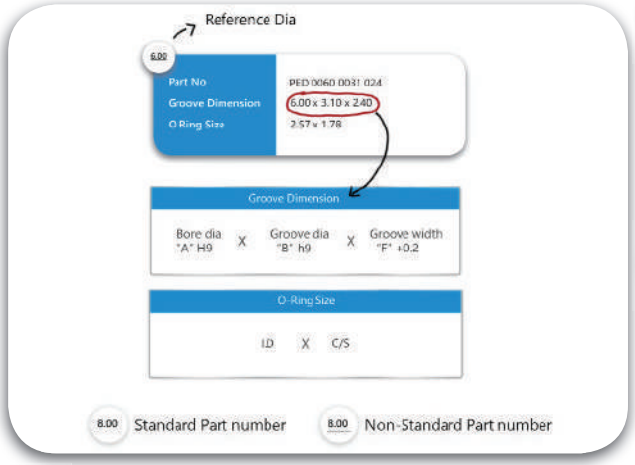
Part No	PED	0240	0195	036	T415	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Operating Pressure Mpa	Radial Clearance "E" max	
	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15





6.00

Part No	PED 0060 0031 024
Groove Dimension	6.00 x 3.10 x 2.40
O Ring Size	2.57 x 1.78

8.00

Part No	PED 0080 0051 024
Groove Dimension	8.00 x 5.10 x 2.40
O Ring Size	4.47 x 1.78

9.00

Part No	PED 0090 0061 024
Groove Dimension	9.00 x 6.10 x 2.40
O Ring Size	5.28 x 1.78

10.00

Part No	PED 0100 0071 024
Groove Dimension	10.00 x 7.10 x 2.40
O Ring Size	6.07 x 1.78

11.00

Part No	PED 0110 0081 024
Groove Dimension	11.00 x 8.10 x 2.40
O Ring Size	7.65 x 1.78

12.00

Part No	PED 0120 0091 024
Groove Dimension	12.00 x 9.10 x 2.40
O Ring Size	8.50 x 1.80

12.70

Part No	PED 0127 0098 024
Groove Dimension	12.70 x 9.80 x 2.40
O Ring Size	9.25 x 1.78

14.00

Part No	PED 0140 0095 036
Groove Dimension	14.00 x 9.50 x 3.60
O Ring Size	9.19 x 2.62

15.00

Part No	PED 0150 0105 036
Groove Dimension	15.00 x 10.50 x 3.60
O Ring Size	9.19 x 2.62

16.00

Part No	PED 0160 0115 036
Groove Dimension	16.00 x 11.50 x 3.60
O Ring Size	10.77 x 2.62

16.00

Part No	PED 0160 0135 036
Groove Dimension	16.00 x 13.50 x 3.60
O Ring Size	12.37 x 2.62

20.00

Part No	PED 0200 0155 036
Groove Dimension	20.00 x 15.50 x 3.60
O Ring Size	13.94 x 2.62

22.00

Part No	PED 0220 0175 036
Groove Dimension	22.00 x 17.50 x 3.60
O Ring Size	17.12 x 2.62

24.00	
Part No	PED 0240 0195 036
Groove Dimension	24.00 x 19.50 x 3.60
O Ring Size	18.72 x 2.62

25.00	
Part No	PED 0250 0188 048
Groove Dimension	25.00 x 18.80 x 4.80
O Ring Size	18.00 x 3.55

25.00	
Part No	PED 0250 0192 048
Groove Dimension	25.00 x 19.20 x 4.80
O Ring Size	18.54 x 3.55

27.00	
Part No	PED 0270 0208 048
Groove Dimension	27.00 x 20.80 x 4.80
O Ring Size	20.22 x 3.55

28.00	
Part No	PED 0280 0218 048
Groove Dimension	28.00 x 21.80 x 4.80
O Ring Size	20.22 x 3.55

30.00	
Part No	PED 0300 0238 048
Groove Dimension	30.00 x 23.80 x 4.80
O Ring Size	23.40 x 3.55

32.00	
Part No	PED 0320 0258 048
Groove Dimension	32.00 x 25.80 x 4.80
O Ring Size	25.00 x 3.55

35.00	
Part No	PED 0350 0288 048
Groove Dimension	35.00 x 28.80 x 4.80
O Ring Size	28.17 x 3.55

40.00	
Part No	PED 0400 0338 048
Groove Dimension	40.00 x 33.80 x 4.80
O Ring Size	32.92 x 3.55

42.00	
Part No	PED 0420 0358 048
Groove Dimension	42.00 x 35.80 x 4.80
O Ring Size	34.52 x 3.55

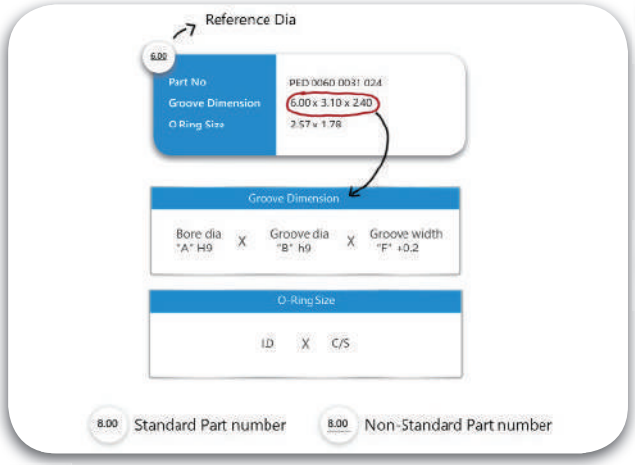
45.00	
Part No	PED 0450 0388 048
Groove Dimension	45.00 x 38.80 x 4.80
O Ring Size	37.70 x 3.55

48.00	
Part No	PED 0480 0386 071
Groove Dimension	48.00 x 38.60 x 7.10
O Ring Size	37.47 x 5.33

50.00	
Part No	PED 0500 0414 071
Groove Dimension	50.00 x 41.40 x 7.10
O Ring Size	40.00 x 5.33

50.00	
Part No	PED 0500 0414 071
Groove Dimension	50.00 x 41.40 x 7.10
O Ring Size	40.64 x 5.33

52.00	
Part No	PED 0520 0426 071
Groove Dimension	52.00 x 42.60 x 7.10
O Ring Size	40.64 x 5.33



55.00

Part No	PED 0550 0456 071
Groove Dimension	55.00 x 45.60 x 7.10
O Ring Size	43.82 x 5.33

56.00

Part No	PED 0560 0466 071
Groove Dimension	56.00 x 46.60 x 7.10
O Ring Size	43.82 x 5.33

60.00

Part No	PED 0600 0506 071
Groove Dimension	60.00 x 50.60 x 7.10
O Ring Size	50.17 x 5.33

63.00

Part No	PED 0630 0536 071
Groove Dimension	63.00 x 53.60 x 7.10
O Ring Size	53.34 x 5.33

65.00

Part No	PED 0650 0556 071
Groove Dimension	65.00 x 55.60 x 7.10
O Ring Size	53.34 x 5.33

70.00

Part No	PED 0700 0606 071
Groove Dimension	70.00 x 60.60 x 7.10
O Ring Size	59.69 x 5.33

75.00

Part No	PED 0750 0656 071
Groove Dimension	75.00 x 65.60 x 7.10
O Ring Size	62.87 x 5.33

80.00

Part No	PED 0800 0706 071
Groove Dimension	80.00 x 70.60 x 7.10
O Ring Size	69.22 x 5.33

85.00

Part No	PED 0850 0756 071
Groove Dimension	85.00 x 75.60 x 7.10
O Ring Size	72.39 x 5.33

90.00

Part No	PED 0900 0806 071
Groove Dimension	90.00 x 80.60 x 7.10
O Ring Size	78.74 x 5.33

95.00

Part No	PED 0950 0856 071
Groove Dimension	95.00 x 85.60 x 7.10
O Ring Size	81.92 x 5.33

100.00

Part No	PED 1000 0906 071
Groove Dimension	100.00 x 90.60 x 7.10
O Ring Size	88.27 x 5.33

105.00

Part No	PED 1050 1006 071
Groove Dimension	105.00 x 100.60 x 7.10
O Ring Size	97.79 x 5.33

110.00	
Part No	PED 1100 1056 071
Groove Dimension	110.00 x 105.60 x 7.10
O Ring Size	104.14 x 5.33

115.00	
Part No	PED 1150 1106 071
Groove Dimension	115.00 x 110.60 x 7.10
O Ring Size	107.32 x 5.33

120.00	
Part No	PED 1200 1128 095
Groove Dimension	120.00 x 112.80 x 9.50
O Ring Size	113.67 x 7.00

125.00	
Part No	PED 1250 1178 095
Groove Dimension	125.00 x 117.80 x 9.50
O Ring Size	116.84 x 7.00

130.00	
Part No	PED 1300 1228 095
Groove Dimension	130.00 x 122.80 x 9.50
O Ring Size	120.02 x 7.00

135.00	
Part No	PED 1350 1278 095
Groove Dimension	135.00 x 127.80 x 9.50
O Ring Size	126.37 x 7.00

140.00	
Part No	PED 1400 1378 095
Groove Dimension	140.00 x 137.80 x 9.50
O Ring Size	135.89 x 7.00

150.00	
Part No	PED 1500 1478 095
Groove Dimension	150.00 x 147.80 x 9.50
O Ring Size	145.42 x 7.00

160.00	
Part No	PED 1600 1578 095
Groove Dimension	160.00 x 157.80 x 9.50
O Ring Size	151.77 x 7.00

170.00	
Part No	PED 1700 1678 095
Groove Dimension	170.00 x 167.80 x 9.50
O Ring Size	164.47 x 7.00

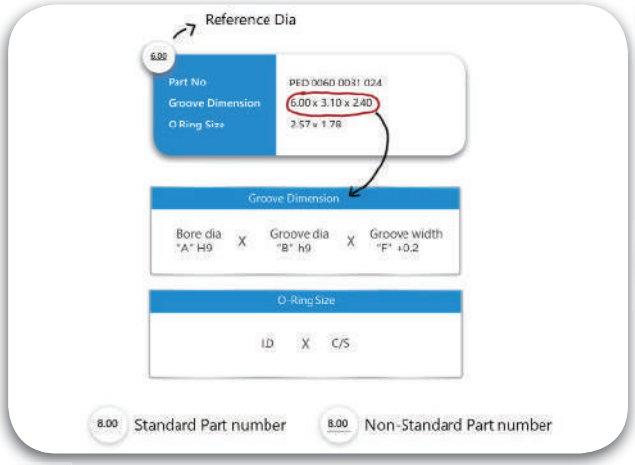
180.00	
Part No	PED 1800 1778 095
Groove Dimension	180.00 x 177.80 x 9.50
O Ring Size	177.17 x 7.00

190.00	
Part No	PED 1900 1878 095
Groove Dimension	190.00 x 187.80 x 9.50
O Ring Size	183.52 x 7.00

200.00	
Part No	PED 2000 1978 095
Groove Dimension	200.00 x 197.80 x 9.50
O Ring Size	196.22 x 7.00

210.00	
Part No	PED 2100 2078 095
Groove Dimension	210.00 x 207.80 x 9.50
O Ring Size	202.57 x 7.00

220.00	
Part No	PED 2200 2178 095
Groove Dimension	220.00 x 217.80 x 9.50
O Ring Size	215.27 x 7.00



230.00

Part No	PED 2300 2278 095
Groove Dimension	230.00 x 227.80 x 9.50
O Ring Size	227.97 x 7.00

240.00

Part No	PED 2400 2378 095
Groove Dimension	240.00 x 237.80 x 9.50
O Ring Size	236.00 x 7.00

250.00

Part No	PED 2500 2678 095
Groove Dimension	250.00 x 267.80 x 9.50
O Ring Size	266.07 x 7.00

280.00

Part No	PED 2800 2870 095
Groove Dimension	280.00 x 287.00 x 9.50
O Ring Size	278.77 x 7.00

300.00

Part No	PED 3000 3078 095
Groove Dimension	300.00 x 307.80 x 9.50
O Ring Size	304.17 x 7.00

320.00

Part No	PED 3200 3378 095
Groove Dimension	320.00 x 337.80 9.50
O Ring Size	329.57 x 7.00

350.00

Part No	PED 3500 3878 095
Groove Dimension	350.00 x 387.80 x 9.50
O Ring Size	380.37 x 7.00

400.00

Part No	PED 4000 4078 095
Groove Dimension	400.00 x 407.80 x 9.50
O Ring Size	405.26 x 7.00

450.00

Part No	PED 4500 4378 095
Groove Dimension	450.00 x 437.80 x 9.50
O Ring Size	430.66 x 7.00

480.00

Part No	PED 4800 4678 095
Groove Dimension	480.00 x 467.80 x 9.50
O Ring Size	456.06 x 7.00

500.00

Part No	PED 5000 4878 095
Groove Dimension	500.00 x 487.80 x 9.50
O Ring Size	481.46 x 7.00

TRIADA

PES

Piston Seals

#SealingExcellence






Description

The PES Seal is a unidirectional seal and composed of two elements. The U-Shaped dynamic seal is a ring in TRIALON® (filled PTFE) while the energizer is a cantilever or helical or slant coil spring. Depending on the application, media, cycle speed etc., the PTFE compound is selected. Lesser area of contact offers reduced wear, thus increasing the life of the Seal.



Diameter Range	Ø6.00 – Ø1500.00
Standard material	TRIALON®T415 (Bronze Filled PTFE) with Stainless Steel Cantilever Spring.
Temperature(°C)	-70° C to 260° C
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air, Chemical & Gases etc depending on Seal Compounds selected.
Pressure	≤ 2000 bar with appropriate back up rings

Material Details

Sealing material	Sealing Material Code	Spring Material Code	Spring Type Code
TRIALON® Bronze Filled PTFE	T415	S Stainless Steel	C Cantilever
TRIALON® CarbonFilled PTFE	T417	H Hastelloy	L Helical
		E Elgiloy	T Slant coil

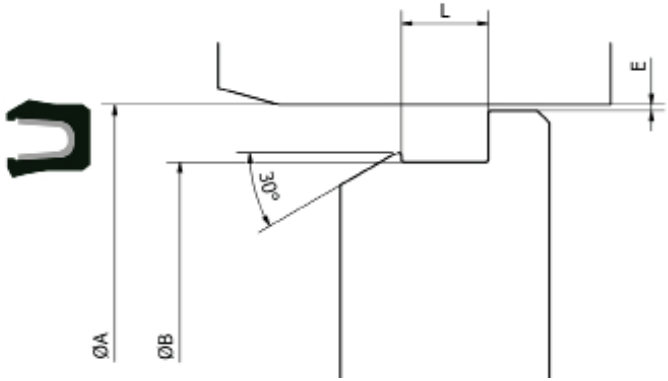
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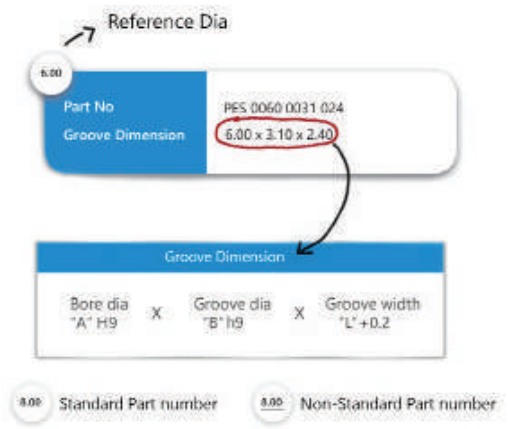
Part No	PES	0480	0386	071	T415	S	H
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	Spring material Code	Spring type Code



Groove Details

Bore Diameter "A" H9	Radial Clearance "E" Max			
Satandard Range	<20bar	<100bar	<200bar	<400bar
6.00 - 13.90	0.20	0.10	0.08	0.05
14.00 - 24.90	0.25	0.15	0.10	0.07
25.00 - 45.90	0.35	0.20	0.15	0.08
46.00 - 124.90	0.50	0.25	0.20	0.10
125.00 - 999.90	0.60	0.30	0.25	0.12
1000.00 - 2700.00	0.90	0.50	0.40	0.20





6.00	Part No	PES 0060 0031 024
	Groove Dimension	6.00 x 3.10 x 2.40
8.00	Part No	PES 0080 0051 024
	Groove Dimension	8.00 x 5.10 x 2.40
10.00	Part No	PES 0100 0071 024
	Groove Dimension	10.00 x 7.10 x 2.40
12.00	Part No	PES 0120 0091 024
	Groove Dimension	12.00 x 9.10 x 2.40
14.00	Part No	PES 0140 0095 036
	Groove Dimension	14.00 x 9.50 x 3.60
15.00	Part No	PES 0150 0105 036
	Groove Dimension	15.00 x 10.50 x 3.60
16.00	Part No	PES 0160 0115 036
	Groove Dimension	16.00 x 11.50 x 3.60
18.00	Part No	PES 0180 0135 036
	Groove Dimension	18.00 x 13.50 x 3.60
20.00	Part No	PES 0200 0155 036
	Groove Dimension	20.00 x 15.50 x 3.60
22.00	Part No	PES 0220 0175 036
	Groove Dimension	22.00 x 17.50 x 3.60
25.00	Part No	PES 0250 0188 048
	Groove Dimension	25.00 x 18.80 x 4.80
28.00	Part No	PES 0280 0218 048
	Groove Dimension	28.00 x 21.80 x 4.80
30.00	Part No	PES 0300 0238 048
	Groove Dimension	30.00 x 23.80 x 4.80
32.00	Part No	PES 0320 0258 048
	Groove Dimension	32.00 x 25.80 x 4.80
35.00	Part No	PES 0350 0288 048
	Groove Dimension	35.00 x 28.80 x 4.80
40.00	Part No	PES 0400 0338 048
	Groove Dimension	40.00 x 33.80 x 4.80
42.00	Part No	PES 0420 0358 048
	Groove Dimension	42.00 x 35.80 x 4.80
45.00	Part No	PES 0450 0388 048
	Groove Dimension	45.00 x 38.80 x 4.80

48.00	
Part No	PES 0480 0386 071
Groove Dimension	48.00 x 38.60 x 7.10

50.00	
Part No	PES 0500 0406 071
Groove Dimension	50.00 x 40.60 x 7.10

52.00	
Part No	PES 0520 0426 071
Groove Dimension	52.00 x 42.60 x 7.10

55.00	
Part No	PES 0550 0456 071
Groove Dimension	55.00 x 45.60 x 7.10

56.00	
Part No	PES 0560 0466 071
Groove Dimension	56.00 x 46.60 x 7.10

60.00	
Part No	PES 0600 0506 071
Groove Dimension	60.00 x 50.60 x 7.10

63.00	
Part No	PES 0630 0536 071
Groove Dimension	63.00 x 53.60 x 7.10

65.00	
Part No	PES 0650 0556 071
Groove Dimension	65.00 x 55.60 x 7.10

70.00	
Part No	PES 0700 0606 071
Groove Dimension	70.00 x 60.06 x 7.10

75.00	
Part No	PES 0750 0656 071
Groove Dimension	75.00 x 65.60 x 7.10

80.00	
Part No	PES 0800 0706 071
Groove Dimension	80.00 x 70.60 x 7.10

85.00	
Part No	PES 0850 0756 071
Groove Dimension	85.00 x 75.60 x 7.10

90.00	
Part No	PES 0900 0806 071
Groove Dimension	90.00 x 80.60 x 7.10

95.00	
Part No	PES 0950 0856 071
Groove Dimension	95.00 x 85.60 x 7.10

100.00	
Part No	PES 1000 0906 071
Groove Dimension	100.00 x 90.60 x 7.10

105.00	
Part No	PES 1050 1006 071
Groove Dimension	105.00 x 100.60 x 7.10

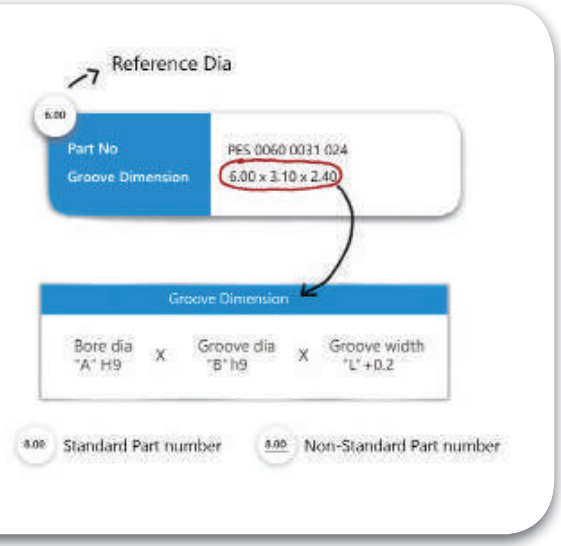
110.00	
Part No	PES 1100 1056 071
Groove Dimension	110.00 x 105.60 x 7.10

115.00	
Part No	PES 1150 1106 071
Groove Dimension	115.00 x 110.60 x 7.10

120.00	
Part No	PES 1200 1128 095
Groove Dimension	120.00 x 112.80 x 9.50

125.00	
Part No	PES 1250 1178 095
Groove Dimension	125.00 x 117.80 x 9.50

130.00	
Part No	PES 1300 1228 095
Groove Dimension	130.00 x 122.80 x 9.50



135.00

Part No	PES 1350 1278 095
Groove Dimension	135.00 x 127.80 x 9.50

140.00

Part No	PES 1400 1378 095
Groove Dimension	140.00 x 137.80 x 9.50

150.00

Part No	PES 1500 1478 095
Groove Dimension	150.00 x 147.80 x 9.50

160.00

Part No	PES 1600 1578 095
Groove Dimension	160.00 x 157.80 x 9.50

170.00

Part No	PES 1700 1678 095
Groove Dimension	170.00 x 167.80 x 9.50

180.00

Part No	PES 1800 1778 095
Groove Dimension	180.00 x 177.80 x 9.50

190.00

Part No	PES 1900 1878 095
Groove Dimension	190.00 x 187.80 x 9.50

200.00

Part No	PES 2000 1978 095
Groove Dimension	200.00 x 197.80 x 9.50

210.00

Part No	PES 2100 2078 095
Groove Dimension	210.00 x 207.80 x 9.50

220.00

Part No	PES 2200 2178 095
Groove Dimension	220.00 x 217.80 x 9.50

230.00

Part No	PES 2300 2278 095
Groove Dimension	230.00 x 227.80 x 9.50

240.00

Part No	PES 2400 2378 095
Groove Dimension	240.00 x 237.80 x 9.50

280.00

Part No	PES 2800 2678 095
Groove Dimension	280.00 x 267.80 x 9.50

300.00

Part No	PES 3000 2878 095
Groove Dimension	300.00 x 287.80 x 9.50

320.00

Part No	PES 3200 3078 095
Groove Dimension	320.00 x 307.80 x 9.50

350.00

Part No	PES 3500 3378 095
Groove Dimension	350.00 x 337.80 x 9.50

400.00

Part No	PES 4000 3878 095
Groove Dimension	400.00 x 387.80 x 9.50

420.00

Part No	PES 4200 4078 095
Groove Dimension	420.00 x 407.80 x 9.50

450.00

Part No	PES 4500 4378 095
Groove Dimension	450.00 x 437.80 x 9.50

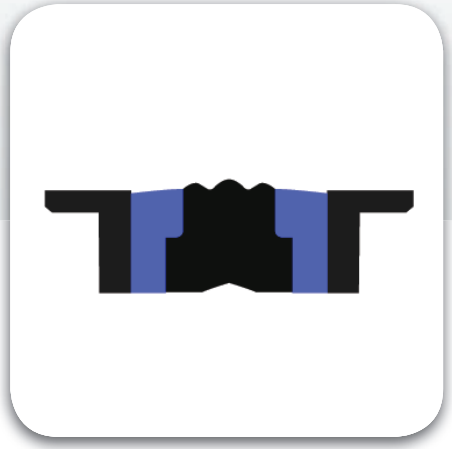
TRIADA

PCT

Piston Seals

#SealingExcellence



Description

The PCT Compact Seal consists of a rugged central element in TRIAFLEX®(NBR), performing the main sealing function and supported by two slit TRIAMIDE® (Acetal Resin) Back-Up Rings and two slit TRIAMIDE® (Polyester Resin) Wear Rings, which positions the Piston centrally within the Cylinder bore. These TRIAMIDE® Back-Up Rings limits the extrusion of the TRIAFLEX® Sealing Element and the TRIAMIDE® Wear Rings takes the responsibility of the radial loads. In other way, the PCB type Piston Seal, simplifies the Piston Seal Groove machining and also minimizes the length of the Piston to a large extent.



Diameter Range	Ø32.00 – Ø160.00
Standard material	TRIAMIDE® T485(Acetal Resin) Wear Ring/ TRIAFLEX® T571(NBR) Sealing Element / TRIAMIDE® T451(Polyester Resin) Anti-extrusion Ring.
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 250 bar

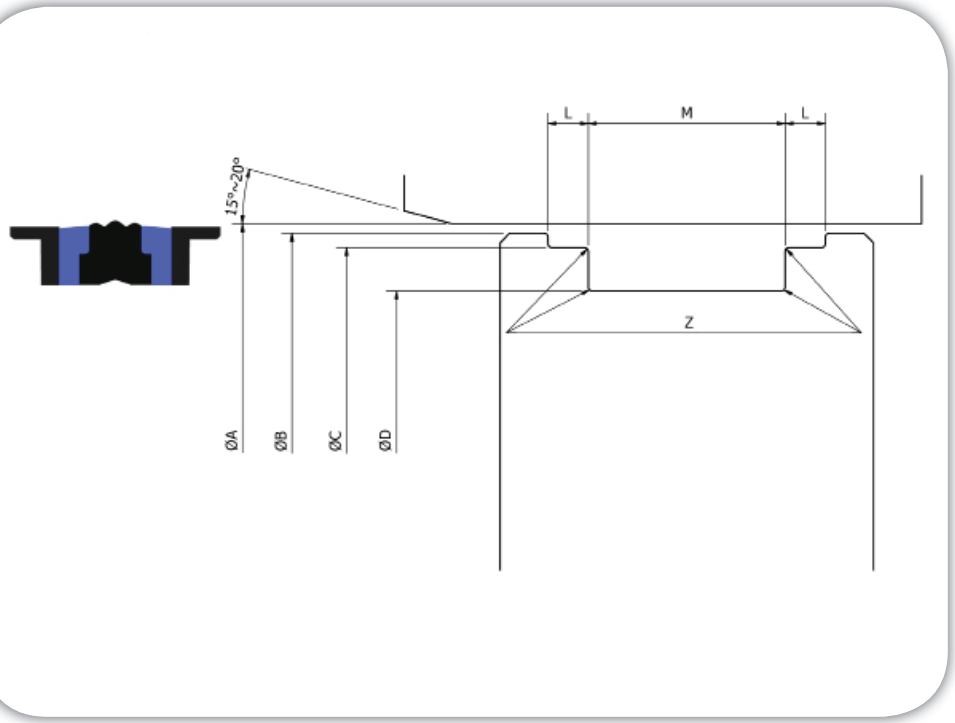
Material Details

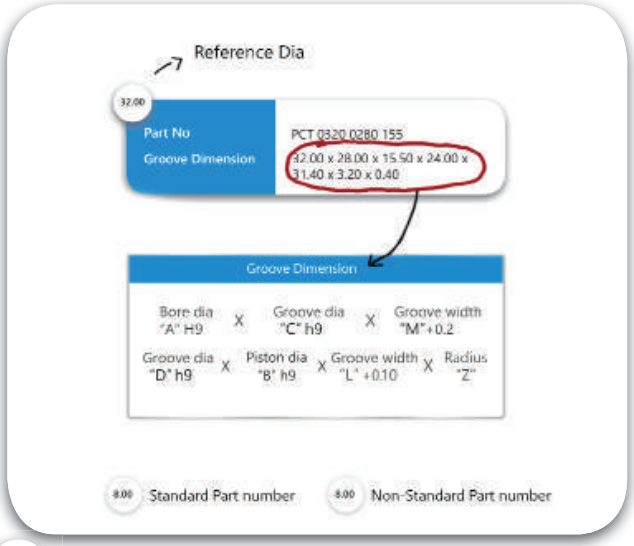
Sealing Material	Sealing Material Code	BackUp Ring Material	Wear Ring material
TRIAFLEX® T571 NBR	CXN	TRIAMIDE® T451 Polyester Elestomer	TRIAMIDE® T485 Poly-Oxy Methylene

Nomenclature

Part No	PCT	0320	0240	155	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







32.00

Part No	PCT 0320 0280 155
Groove Dimension	32.00 x 28.00 x 15.50 x 24.00 x 31.40 x 3.20 x 0.40

40.00

Part No	PCT 0400 0360 155
Groove Dimension	40.00 x 36.00 x 15.50 x 32.00 x 39.40 x 3.20 x 0.40

50.00

Part No	PCT 0500 0460 205
Groove Dimension	50.00 x 46.00 x 20.50 x 38.00 x 49.40 x 4.20 x 0.40

60.00

Part No	PCT 0600 0560 205
Groove Dimension	60.00 x 56.00 x 20.50 x 48.00 x 59.40 x 4.20 x 0.80

63.00

Part No	PCT 0630 0590 205
Groove Dimension	63.00 x 59.00 x 20.50 x 51.00 x 63.40 x 4.20 x 0.40

70.00

Part No	PCT 0700 0660 205
Groove Dimension	70.00 x 66.00 x 20.50 x 58.00 x 69.40 x 4.20 x 0.40

80.00

Part No	PCT 0800 0760 225
Groove Dimension	80.00 x 76.00 x 22.50 x 66.00 x 79.40 x 5.20 x 0.40

90.00

Part No	PCT 0900 0860 225
Groove Dimension	90.00 x 86.00 x 22.50 x 76.00 x 89.40 x 5.20 x 0.40

100.00

Part No	PCT 1000 0960 225
Groove Dimension	100.00 x 96.00 x 22.50 x 86.00 x 99.40 x 5.20 x 0.40

110.00

Part No	PCT 1100 1060 225
Groove Dimension	110.00 x 106.00 x 22.50 x 96.00 x 109.40 x 5.20 x 0.40

120.00

Part No	PCT 1200 1160 225
Groove Dimension	120.00 x 116.00 x 22.50 x 106.00 x 119.40 x 5.20 x 0.40

125.00

Part No	PCT 1250 1210 265
Groove Dimension	125.00 X 121.00 X 26.50 x 108.00 x 124.40 x 7.20 x 0.80

130.00

Part No	PCT 1300 1260 265
Groove Dimension	130.00 X 126.00 X 26.50 x 113.00 x 129.40 x 7.20 x 0.80

140.00

Part No	PCT 1400 1360 265
Groove Dimension	140.00 X 136.00 X 26.50 x 123.00 x 139.40 x 7.20 x 0.80

150.00

Part No	PCT 1500 1460 265
Groove Dimension	150.00 X 146.00 X 26.50 x 133.00 x 149.40 x 7.20 x 0.80

160.00

Part No	PCT 1600 1560 265
Groove Dimension	160.00 X 156.00 X 26.50 x 143.00 x 159.40 x 7.20 x 0.80

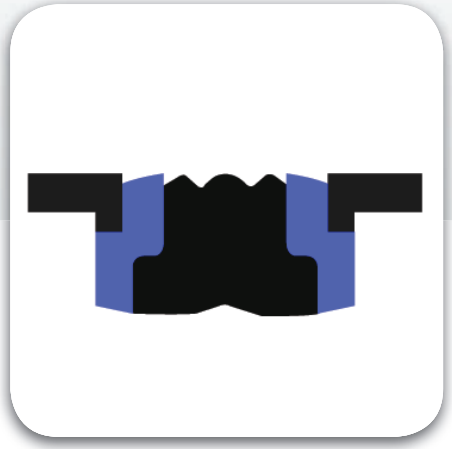
TRIADA

PCB

Piston Seals

#SealingExcellence



Description

The PCB Compact Seal, similar to PBM Seals, consists of a rugged central element in TRIAFLEX®(NBR), performing the main sealing function and supported by two slit TRIAMIDE®(Polyester Resin) Back-Up Rings and two TRIAMIDE® (Acetal Resin) slit Wear Rings, which positions the Piston centrally within the Cylinder bore. These TRIAMIDE® Back-Up Rings limits the extrusion of the TRIAFLEX® Sealing Element and the TRIAMIDE® Wear Rings takes the responsibility of the radial loads. In other way, the PCB type Piston Seal, simplifies the Piston Seal Groove machining and also minimizes the length of the Piston to a large extent.



Diameter Range	Ø20.00 – Ø320.00
Standard material	TRIAMIDE® T485(Acetal Resin) Wear Ring/ TRIAFLEX® T571(NBR) Sealing Element / TRIAMIDE® T451(Polyester Resin) Anti-extrusion
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 400 bar

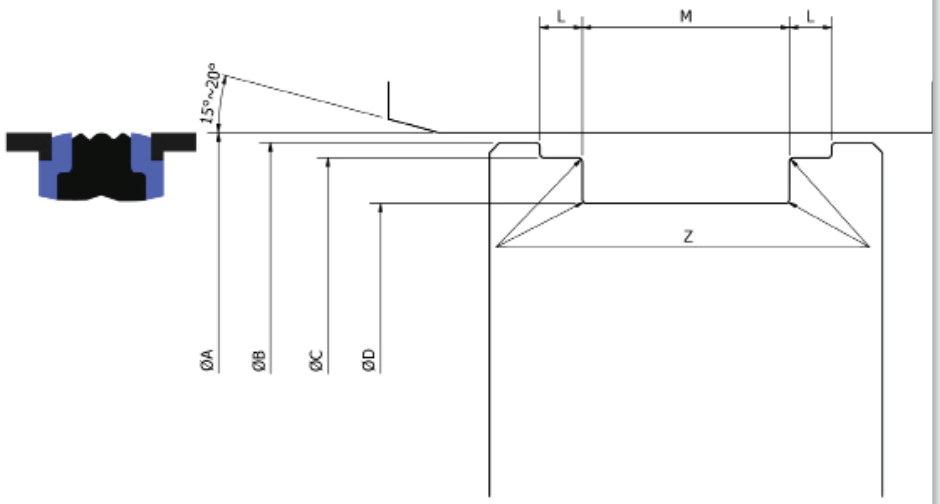
Material Details

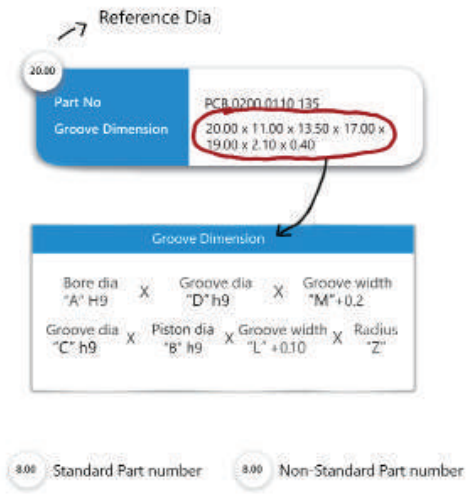
Sealing Material	Sealing Material Code	BackUp Ring Material	WearRing material
TRIAFLEX® T571 NBR	CXN	TRIAMIDE® T451 Polyester Elestomer	TRIAMIDE® T485 Poly-Oxy Methylene

Nomenclature

Part No	PCB	0320	0240	155	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







28.00	
Part No	PCB 0280 0190 135
Groove Dimension	28.00 x 19.00 x 13.50 x 25.00 x 27.00 x 2.10 x 0.40

32.00	
Part No	PCB 0320 0220 164
Groove Dimension	32.00 x 22.00 x 16.40 x 28.50 x x30.50 x 6.35 x 0.40

40.00	
Part No	PCB 0400 0240 184
Groove Dimension	40.00 x 24.00 x 18.40 x 35.40 x 38.50 x 6.35 x 0.40

40.00	
Part No	PCB 0400 0300 164
Groove Dimension	40.00 x 30.00 x 16.40 x 35.40 x 38.50 x 6.35 x 0.40

20.00	
Part No	PCB 0200 0110 135
Groove Dimension	20.00 x 11.00 x 13.50 x 17.00 x 19.00 x 2.10 x 0.40

25.00	
Part No	PCB 0250 0150 120
Groove Dimension	25.00 x 15.00 x 12.00 x 21.00 x 23.00 x 4.00 x 0.40

25.00	
Part No	PCB 0250 0150 164
Groove Dimension	25.00 x 15.00 x 16.40 x 21.45 x 23.50 x 6.35 x 0.40

30.00	
Part No	PCB 0300 0210 135
Groove Dimension	30.00 x 21.00 x 13.50 x 27.00 x 29.00 x 2.10 x 0.40

35.00	
Part No	PCB 0350 0250 155
Groove Dimension	35.00 x 25.00 x 15.50 x 31.00 x 34.00 x 2.60 x 0.40

40.00	
Part No	PCB 0400 0260 155
Groove Dimension	40.00 x 26.00 x 15.50 x36.00 x 39.00 x 2.60 x 0.40

42.00	
Part No	PCB 0420 0280 155
Groove Dimension	42.00 x 28.00 x 15.50 x 38.00 x 41.00 x 2.60 x 0.40

22.00	
Part No	PCB 0220 0130 135
Groove Dimension	22.00 x 13.00 x 13.50 x 19.00 x 21.00 x2.10 x0.40

25.00	
Part No	PCB 0250 0150 125
Groove Dimension	25.00 x 15.00 x 12.50 x 22.00 x 24.00 x 4.00 x 0.40

25.00	
Part No	PCB 0250 0160 135
Groove Dimension	25.00 x 16.00 x 13.50 x 22.00 x 24.00 x 2.10 x 0.40

32.00	
Part No	PCB 0320 0220 155
Groove Dimension	32.00 x 22.00 x 15.50 x 28.00 x 30.00 x 2.60 x 0.40

35.00	
Part No	PCB 0350 0250 164
Groove Dimension	35.00 x 25.00 x 16.40 x 31.40 x 33.50 x 6.35 x 0.40

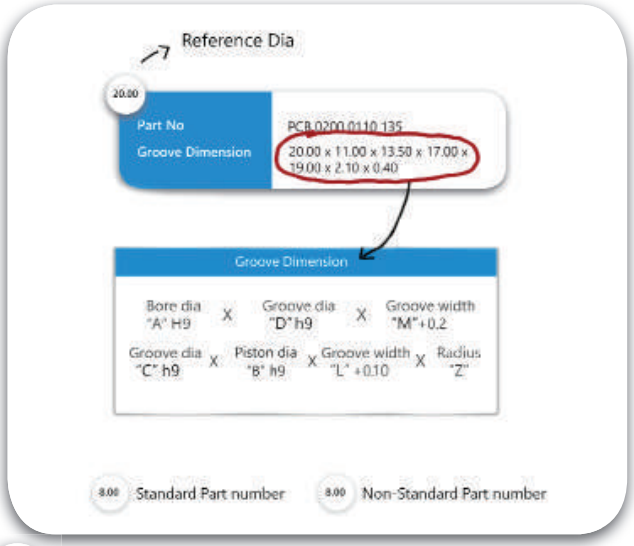
40.00	
Part No	PCB 0400 0300 125
Groove Dimension	40.00 x 30.00 x 12.50 x 36.00 x 38.00 x 4.00 x 0.40

45.00	
Part No	PCB 0450 0290 184
Groove Dimension	45.00 x 29.00 x 18.40 x 40.40 x 43.50 x 6.35 x 0.40

45.00	
Part No	PCB 0450 0310 155
Groove Dimension	45.00 x 31.00 x 15.50 x 41.00 x 44.00 x 2.60 x 0.40
50.00	
Part No	PCB 0500 0340 205
Groove Dimension	50.00 x 34.00 x 20.50 x 46.00 x 49.00 x 3.10 x 0.40
56.00	
Part No	PCB 0560 0400 205
Groove Dimension	56.00 x 40.00 x 20.50 x 52.00 x 55.00 x 3.10x 0.40
63.00	
Part No	PCB 0630 0470 184
Groove Dimension	63.00 x 47.00 x 18.40 x 58.40 x 61.50 x 6.35 x 0.40
65.00	
Part No	PCB 0650 0490 205
Groove Dimension	65.00 x 49.00 x 20.50 x 61.00 x 64.00 x 3.10 x 0.40
70.00	
Part No	PCB 0700 0540 205
Groove Dimension	70.00 x 54.00 x 20.50 x 66.00 x 69.00 x 3.10 x 0.40
80.00	
Part No	PCB 0800 0600 224
Groove Dimension	80.00 x 60.00 x 22.40 x 74.15 x 78.30 x 6.35 x 0.40

45.00	
Part No	PCB 0450 0350 164
Groove Dimension	45.00 x 35.00 x 16.40 x 40.40 x 43.50 x 6.35 x 0.40
55.00	
Part No	PCB 0550 0390 184
Groove Dimension	55.00 x 39.00 x 18.40 x 50.36 x x53.50 x 6.35 x 0.40
60.00	
Part No	PCB 0600 0440 184
Groove Dimension	60.00 x 44.00 x 18.40 x 55.40 x 58.50 x 6.35 x 0.40
63.00	
Part No	PCB 0630 0470 194
Groove Dimension	63.00 x 47.00 x 19.40 x 58.40 x 61.50 x 6.35 x 0.40
65.00	
Part No	PCB 0650 0500 184
Groove Dimension	65.00 x 50.00 x 18.40 x 60.40 x 63.50 x 6.35 x 0.40
75.00	
Part No	PCB 0750 0550 224
Groove Dimension	75.00 x 55.00 x 22.40 x 69.20 x 73.30 x 6.35 x 0.40
80.00	
Part No	PCB 0800 0620 225
Groove Dimension	80.00 x 62.00 x 22.50 x 76.00 x 79.00 x 3.60 x 0.40

50.00	
Part No	PCB 0500 0340 184
Groove Dimension	50.00 x 34.00 x 18.40 x 45.40 x 48.50 x 6.35 x 0.40
55.00	
Part No	PCB 0550 0390 205
Groove Dimension	55.00 x 39.00 x 20.50 x 51.00 x 54.00 x 3.10 x 0.40
60.00	
Part No	PCB 0600 0440 205
Groove Dimension	60.00 x 44.00 x 20.50 x 56.00 x 59.00 x 3.10 x 0.40
63.00	
Part No	PCB 0630 0470 205
Groove Dimension	63.00 x 47.00 x 20.50 x 59.00 x 62.00 x 3.10 x 0.40
70.00	
Part No	PCB 0700 0500 224
Groove Dimension	70.00 x 50.00 x 22.40 x 64.20 x 68.30 x 6.35 x 0.40
75.00	
Part No	PCB 0750 0590 205
Groove Dimension	75.00 x 59.00 x 20.50 x 71.00 x 74.00 x 3.10 x 0.40
85.00	
Part No	PCB 0850 0650 224
Groove Dimension	85.00 x 65.00 x 22.40 x 79.15 x 83.30 x 6.35 x 0.40



110.00

Part No	PCB 1100 0850 224
Groove Dimension	110.00 x 85.00 x 22.40 x 103.10 x 108.0 x 6.35 x 0.40

115.00

Part No	PCB 1150 0970 225
Groove Dimension	115.00 x 97.00 x 22.50 x 111.00 x 114.00 x 3.60 x 0.40

125.00

Part No	PCB 1250 1030 265
Groove Dimension	125.00 x 103.00 x 26.50 x 121.00 x 124.00 x5.10 x 0.80

135.00

Part No	PCB 1350 1100 254
Groove Dimension	135.00 x 110.00 x 25.40 x127.60 x 132.50 x 9.50 x 0.80

90.00

Part No	PCB 0900 0700 224
Groove Dimension	90.00 x 70.00 x 22.40 x 84.15 x 88.30 x 6.35 x 0.40

95.00

Part No	PCB 0950 0750 224
Groove Dimension	95.00 x 75.00 x 22.40 x 89.15 x x93.30x x6.35 x 0.40

100.00

Part No	PCB 1000 0820 225
Groove Dimension	100.00 x 82.00 x 22.50 x 96.00 x 99.00 x 3.60 x 0.40

110.00

Part No	PCB 1100 0920 225
Groove Dimension	110.00 x 92.00 x 22.50 x 106.00 x 109.00 x 3.60 x 0.40

120.00

Part No	PCB 1200 0950 224
Groove Dimension	120.00 x 95.00 x 22.40 x 113.10 x 118.10 x 6.35 x 0.80

130.00

Part No	PCB 1300 1050 254
Groove Dimension	130.00 x 105.00 x 25.40 x 122.60 x x127.50 x 9.50 x 0.80

135.00

Part No	PCB 1350 1100 254 /1
Groove Dimension	135.00 x 110.00 x 25.40 x 128.10 x 133.00 x 6.35 x 0.80

90.00

Part No	PCB 0900 0720 225
Groove Dimension	90.00 x 72.00 x 22.50 x 86.00x 89.00 x 3.60 x 0.40

100.00

Part No	PCB 1000 0750 224
Groove Dimension	100.00 x 75.00 x 22.40 x 93.15 x 98.00 x 6.35 x 0.40

105.00

Part No	PCB 1050 0800 224
Groove Dimension	105.00 x 80.00 x 22.40 x 98.10 x 103.00 x 6.35 x 0.40

115.00

Part No	PCB 1150 0900 224
Groove Dimension	115.00 x 90.00 x 22.40 x 108.10 x 113.00 x 6.35 x 0.40

125.00

Part No	PCB 1250 1000 254
Groove Dimension	125.00 x 100.00 x 25.40 x 118.00 x 123.00 x 6.35 x 0.80

130.00

Part No	PCB 1300 1050 254 /1
Groove Dimension	130.00 x 105.00 x 25.40 x 123.10 x 128.00 x6.35 x 0.80

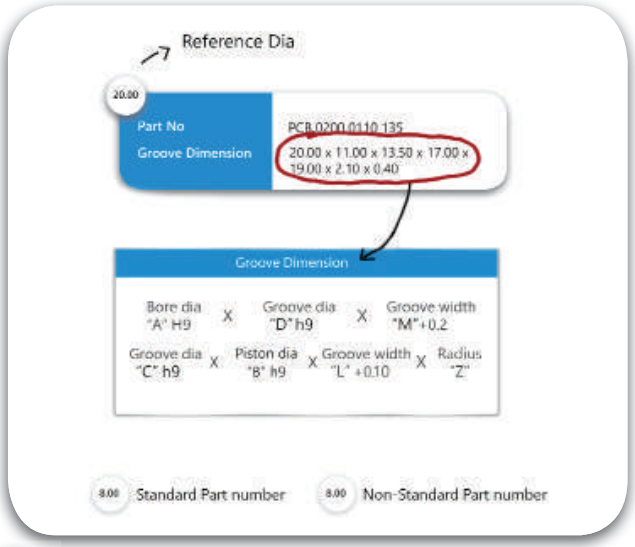
140.00

Part No	PCB 1400 1150 254
Groove Dimension	140.00 x 115.00 x 25.40 x 132.60 x 137.50 x 9.50 x 0.80

140.00	Part No	PCB 1400 1150 254 /1
	Groove Dimension	140.00 x 115.00 x 25.40 x 133.00 x 138.00 x 6.35 x 0.8
145.00	Part No	PCB 1450 1200 254 /1
	Groove Dimension	145.00 x 120.00 x 25.40 x 138.30 x 143.00 x 6.35 x 0.80
150.00	Part No	PCB 1500 1280 265
	Groove Dimension	150.00 x 128.00 x 26.50 x 146.00 x 149.00 x 5.1 x 0.80
160.00	Part No	PCB 1600 1300 254
	Groove Dimension	160.00 x 130.00 x 25.40 x 153.00 x 157.50 x 6.35 x 0.80
160.00	Part No	PCB 1600 1380 265
	Groove Dimension	160.00 x 138.00 x 26.50 x 156.00 x 159.00 x 5.10 x 0.80
170.00	Part No	PCB 1700 1480 265
	Groove Dimension	170.00 x 148.00 x 26.50 x 166.00 x 169.00 x 5.10 x 0.80
180.00	Part No	PCB 1800 1550 254
	Groove Dimension	180.00 x 155.00 x 25.40 x 171.70 x 177.10 x 12.70 x 0.80

140.00	Part No	PCB 1400 1180 265
	Groove Dimension	140.00 x 118.00 x 26.50 x 136.00 x 139.00 x 5.10 x 0.8
150.00	Part No	PCB 1500 1250 254
	Groove Dimension	150.00 x 125.00 x 25.40 x 142.60 x 147.50 x 9.50 x 0.80
155.00	Part No	PCB 1550 1300 254
	Groove Dimension	155.00 x 130.00 x 25.40 x 147.60 x 152.50 x 9.50 x 0.80
160.00	Part No	PCB 1600 1300 254 /1
	Groove Dimension	160.00 x 130.00 x 25.40 x 152.60 x 157.50 x 9.50 x 0.80
165.00	Part No	PCB 1650 1400 254
	Groove Dimension	165.00 x 140.00 x 25.40 x 157.60 x 162.50 x 9.50 x 0.80
175.00	Part No	PCB 1750 1500 254
	Groove Dimension	175.00 x 150.00 x 25.40 x 166.70 x 172.10 x 12.70 x 0.80
185.00	Part No	PCB 1850 1600 254
	Groove Dimension	185.00 x 160.00 x 25.40 x 176.70 x 182.10 x 12.70 x 0.80

145.00	Part No	PCB 1450 1200 254
	Groove Dimension	145.00 x 120.00 x 25.40 x 137.60 x 142.50 x 9.50 x 0.80
150.00	Part No	PCB 1500 1250 254 /1
	Groove Dimension	150.00 x 125.00 x 25.40 x 143.00 x 148.00 x 6.35 x 0.80
155.00	Part No	PCB 1550 1300 254 /1
	Groove Dimension	155.00 x 130.00 x 25.40 x 148.00 x 153.00 x 6.35 x 0.80
160.00	Part No	PCB 1600 1350 254
	Groove Dimension	160.00 x 135.00 x 25.40 x 152.60 x 157.50 x 9.50 x 0.80
170.00	Part No	PCB 1700 1450 254
	Groove Dimension	170.00 x 145.00 x 25.40 x 161.70 x 12.70 x 0.80
180.00	Part No	PCB 1800 1500 354
	Groove Dimension	180.00 x 150.00 x 35.40 x 172.95 x 177.90 x 6.35 x 0.80
190.00	Part No	PCB 1900 1650 254
	Groove Dimension	190.00 x 165.00 x 25.40 x 181.70 x 187.00 x 12.70 x 0.80



195.00

Part No	PCB 1950 1700 254
Groove Dimension	195.00 x 170.00 x 25.40 x 186.70 x 192.00 x 12.70 x 0.80

200.00

Part No	PCB 2000 1750 254
Groove Dimension	200.00 x 175.00 x 25.40 x 191.60 x 197.00 x 12.70 x 0.80

210.00

Part No	PCB 2100 1850 254
Groove Dimension	210.00 x 185.00 x 25.40 x 201.60 x 207.00 x 12.70 x 0.80

220.00

Part No	PCB 2200 1900 354
Groove Dimension	220.00 x 190.00 x 35.40 x 212.90 x 6.35 x 0.80

220.00

Part No	PCB 2200 1950 254
Groove Dimension	220.00 x 195.00 x 25.40 x 211.60 x 217.00 x 12.70 x 0.80

230.00

Part No	PCB 2300 2050 254
Groove Dimension	230.00 x 205.00 x 25.40 x 221.60 x 217.00 x 12.70 x 0.80

240.00

Part No	PCB 2400 2150 254
Groove Dimension	240.00 x 215.00 x 25.40 x 231.60 x 237.60 x 12.70 x 0.80

250.00

Part No	PCB 2500 2200 354
Groove Dimension	250.00 x 220.00 x 35.40 x 242.90 x 247.90 x 6.35 x 0.80

250.00

Part No	PCB 2500 2250 254
Groove Dimension	250.00 x 225.00 x 25.40 x 241.60 x 247.00 x 12.70 x 0.80

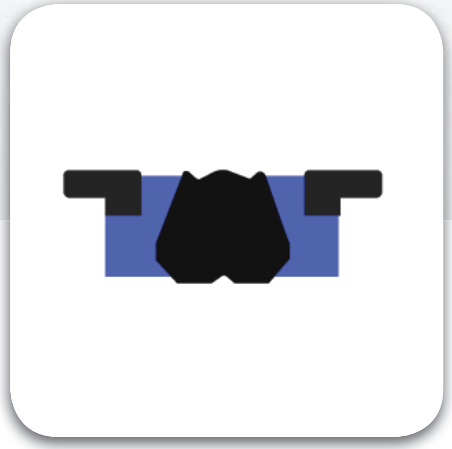
TRIADA

PBM

Piston Seals

#SealingExcellence



Description

The PBM Compact Seal consists of an energizing rugged central element in TRIAFLEX® (NBR), performing the main sealing function and supported by two slit TRIAMIDE® (Polyester Resin) Back-Up Rings and TRIAMIDE® (Acetal Resin) two slit Wear Rings, which positions the Piston centrally within the Cylinder bore. These concave shaped TRIAMIDE® Back-Up Rings limits the extrusion of the TRIAFLEX® Sealing Element and the TRIAMIDE® Wear Rings takes the responsibility of the radial loads. In other way, the PBM type Piston Seal, simplifies the Piston Seal Groove machining and also minimizes the length of the Piston to a large extent.



Diameter Range	Ø20.00 – Ø320.00
Standard material	TRIAMIDE® T485(Acetal Resin) Wear Ring/ TRIAFLEX® T571(NBR) Sealing Element / TRIAMIDE® T451(Polyester Resin) Anti-extrusion
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 400 bar

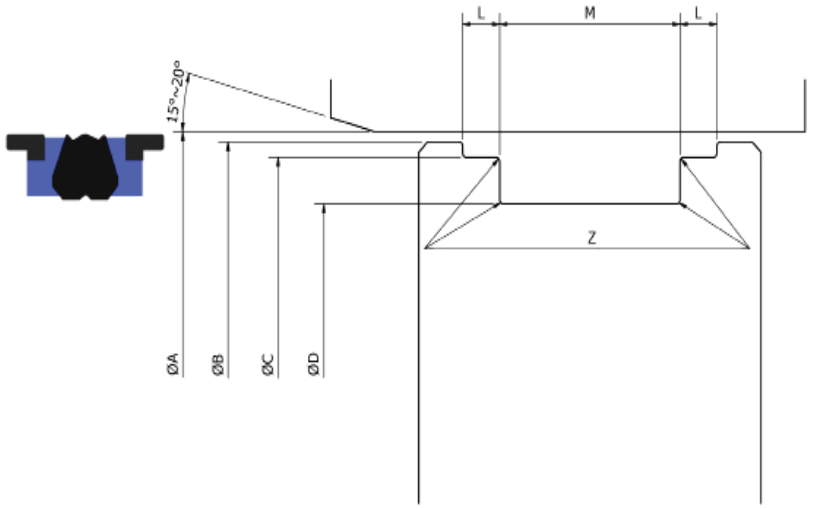
Material Details

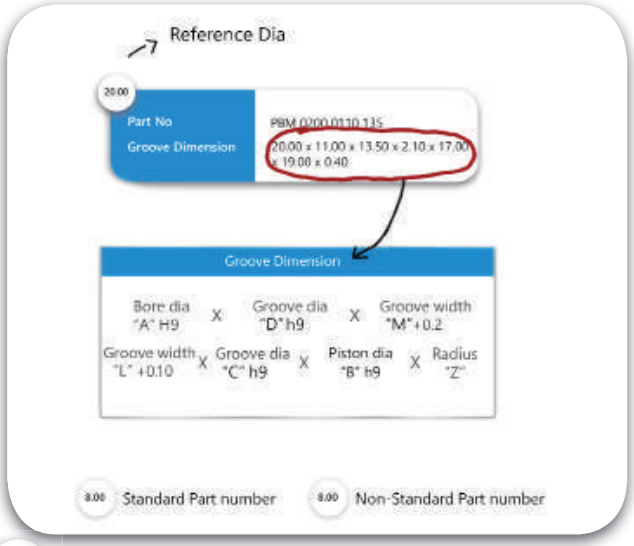
Sealing Material	Sealing Material Code	BackUp Ring Material	WearRing material
TRIAFLEX® T571 NBR	CXN	TRIAMIDE® T451 Polyester Elestomer	TRIAMIDE® T485 Poly-Oxy Methylene

Nomenclature

Part No	PBM	0320	0240	155	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







28.00

Part No	PBM 0280 0190 135
Groove Dimension	28.00 x 19.00 x 13.50 x 2.10 x 25.00 x 27.00 x 0.40

32.00

Part No	PBM 0320 0220 155
Groove Dimension	32.00 x 22.00 x 15.50 x 2.60 x 28.00 x 31.00 x 0.40

35.00

Part No	PBM 0350 0250 164
Groove Dimension	35.00 x 25.00 x 16.40 x 6.35 x 31.40 x 33.50 x 0.40

40.00

Part No	PBM 0400 0300 125
Groove Dimension	40.00 x 30.00 x 12.50 x 4.00 x 36.00 x 38.00 x 0.40

20.00

Part No	PBM 0200 0110 135
Groove Dimension	20.00 x 11.00 x 13.50 x 2.10 x 17.00 x 19.00 x 0.40

25.00

Part No	PBM 0250 0150 120
Groove Dimension	25.00 x 15.00 x 12.00 x 4.00 x 21.00 x 23.00 x 0.40

25.00

Part No	PBM 0250 0150 164
Groove Dimension	25.00 x 15.00 x 16.40 x 6.35 x 21.00 x 23.00 x 0.40

30.00

Part No	PBM 0300 0170 154
Groove Dimension	30.00 x 17.00 x 15.40 x 6.35 x 26.50 x 28.00 x 0.40

32.00

Part No	PBM 0320 0220 164
Groove Dimension	32.00 x 22.00 x 16.40 x 6.35 x 28.00 x 30.00 x 0.40

40.00

Part No	PBM 0400 0240 184
Groove Dimension	40.00 x 24.00 x 18.40 x 6.35 x 35.40 x 38.50 x 0.40

40.00

Part No	PBM 0400 0300 125 /1
Groove Dimension	40.00 x 30.00 x 12.50 x 4.00 x 37.00 x 39.00 x 0.40

22.00

Part No	PBM 0220 0130 135
Groove Dimension	22.00 x 13.00 x 13.50 x 2.10 x 19.00 x 21.00 x 0.40

25.00

Part No	PBM 0250 0150 125
Groove Dimension	25.00 x 15.00 x 12.50 x 4.00 x 22.00 x 24.00 x 0.40

25.00

Part No	PBM 0250 0160 135
Groove Dimension	25.00 x 16.00 x 13.50 x 2.10 x 22.00 x 24.00 x 0.40

30.00

Part No	PBM 0300 0210 135
Groove Dimension	30.00 x 21.00 x 13.50 x 2.10 x 27.00 x 29.00 x 0.40

35.00

Part No	PBM 0350 0250 155
Groove Dimension	35.00 x 25.00 x 15.50 x 2.60 x 31.00 x 34.00 x 0.40

40.00

Part No	PBM 0400 0260 155
Groove Dimension	40.00 x 26.00 x 15.50 x 2.60 x 36.00 x 30.00 x 0.40

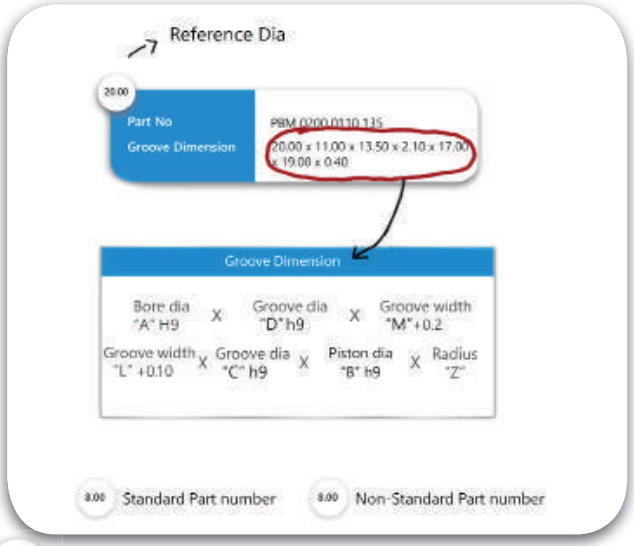
40.00

Part No	PBM 0400 0300 164
Groove Dimension	40.00 x 30.00 x 16.40 x 6.35 x 35.40 x 38.00 x 0.40

42.00	
Part No	PBM 0420 0280 155
Groove Dimension	42.00 x 28.00 x 15.50 x 2.60 x 38.50 x 41.00 x 0.40
45.00	
Part No	PBM 0450 0350 164
Groove Dimension	45.00 x 35.00 x 16.40 x 6.35 x 40.40 x 43.50 x 0.40
55.00	
Part No	PBM 0550 0390 184
Groove Dimension	55.00 x 39.00 x 18.40 x 6.35 x 50.36 x 53.50 x 0.40
60.00	
Part No	PBM 0600 0440 184
Groove Dimension	60.00 x 44.00 x 18.40 x 6.35 x 55.40 x 58.50 x 0.40
63.00	
Part No	PBM 0630 0470 194
Groove Dimension	63.00 x 47.00 x 19.40 x 6.35 x 58.00 x 61.50 x 0.40
65.00	
Part No	PBM 0650 0500 184
Groove Dimension	65.00 x 50.00 x 18.40 x 6.35 x 60.40 x 63.50 x 0.40
75.00	
Part No	PBM 0750 0550 224
Groove Dimension	75.00 x 55.00 x 22.40 x 6.35 x 69.20 x 73.30 x 0.40

45.00	
Part No	PBM 0450 0290 184
Groove Dimension	45.00 x 29.00 x 18.40 x 6.35 x 40.40 x 43.50 x 0.40
50.00	
Part No	PBM 0500 0340 184
Groove Dimension	50.00 x 34.00 x 18.40 x 6.35 x 45.40 x 48.50 x 0.40
55.00	
Part No	PBM 0550 0390 205
Groove Dimension	55.00 x 39.00 x 20.50 x 3.10 x 51.00 x 54.00 x 0.40
60.00	
Part No	PBM 0600 0440 205
Groove Dimension	60.00 x 44.00 x 20.50 x 3.10 x 56.00 x 59.00 x 0.40
63.00	
Part No	PBM 0630 0470 205
Groove Dimension	63.00 x 47.00 x 20.50 x 3.10 x 59.00 x 62.00 x 0.40
70.00	
Part No	PBM 0700 0500 224
Groove Dimension	70.00 x 50.00 x 22.40 x 6.35 x 64.20 x 68.30 x 0.40
75.00	
Part No	PBM 0750 0590 205
Groove Dimension	75.00 x 59.0 x 20.50 x 3.10 x 71.00 x 74.00 x 0.40

45.00	
Part No	PBM 0450 0310 155
Groove Dimension	45.00 x 31.00 x 15.50 x 2.60 x 41.00 x 44.00 x 0.40
50.00	
Part No	PBM 0500 0340 205
Groove Dimension	50.00 x 34.00 x 20.50 x 3.10 x 46.00 x 49.00 x 0.40
56.00	
Part No	PBM 0560 0400 205
Groove Dimension	56.00 x 40.00 x 20.50 x 3.10 x 52.00 x 55.00 x 0.40
63.00	
Part No	PBM 0630 0470 184
Groove Dimension	63.00 x 47.00 x 18.40 x 6.35 x 58.00 x 61.50 x 0.40
65.00	
Part No	PBM 0650 0490 205
Groove Dimension	65.00 x 49.00 x 20.50 x 3.10 x 61.00 x 64.00 x 0.40
70.00	
Part No	PBM 0700 0540 205
Groove Dimension	70.00 x 54.00 x 20.50 x 3.10 x 66.00 x 69.00 x 0.40
80.00	
Part No	PBM 0800 0600 224
Groove Dimension	80.00 x 60.00 x 22.40 x 6.35 x 74.15 x 78.30 x 0.40



100.00

Part No	PBM 1000 0820 225
Groove Dimension	100.00 x 82.00 x 22.50 x 3.60 x 96.00 x 99.00 x 0.40

110.00

Part No	PBM 1100 0920 225
Groove Dimension	110.00 x 92.00 x 22.50 x 3.60 x 106.00 x 109.00 x 0.40

120.00

Part No	PBM 1200 0950 224
Groove Dimension	120.00 x 95.00 x 22.40 x 6.35 x 113.10 x 118.10 x 0.40

130.00

Part No	PBM 1300 1050 254
Groove Dimension	130.00 x 105.00 x 25.40 x 9.50 x 122.60 x 127.00 x 0.80

80.00

Part No	PBM 0800 0620 225
Groove Dimension	80.00 x 62.00 x 22.50 x 3.60 x 76.00 x 79.00 x 0.40

90.00

Part No	PBM 0900 0700 224
Groove Dimension	90.00 x 70.00 x 22.40 x 6.35 x 84.15 x 88.30 x 0.40

95.00

Part No	PBM 0950 0750 224
Groove Dimension	95.00 x 75.00 x 22.40 x 6.35 x 89.15 x 93.30 x 0.40

105.00

Part No	PBM 1050 0800 224
Groove Dimension	105.00 x 80.00 x 22.40 x 6.35 x 98.10 x 103.00 x 0.40

115.00

Part No	PBM 1150 0900 224
Groove Dimension	115.00 x 90.00 x 22.40 x 6.35 x 108.10 x 113.00 x 0.40

125.00

Part No	PBM 1250 1000 254
Groove Dimension	125.00 x 100.00 x 25.40 x 6.35 x 118.10 x 123.00 x 0.80

130.00

Part No	PBM 1300 1050 265
Groove Dimension	130.00 x 105.00 x 26.50 x 6.35 x 123.10 x 128.00 x 0.80

85.00

Part No	PBM 0850 0650 224
Groove Dimension	85.00 x 65.00 x 22.40 x 6.35 x 79.15 x 83.30 x 0.40

90.00

Part No	PBM 0900 0720 225
Groove Dimension	90.00 x 72.00 x 22.50 x 3.60 x 86.00 x 89.00 x 0.40

100.00

Part No	PBM 1000 0750 224
Groove Dimension	100.00 x 75.00 x 22.40 x 6.35 x 93.15 x 98.00 x 0.40

110.00

Part No	PBM 1100 0850 224
Groove Dimension	110.00 x 85.00 x 22.40 x 6.35 x 103.10 x 108.00 x 0.40

115.00

Part No	PBM 1150 0970 225
Groove Dimension	115.00 x 97.00 x 22.50 x 3.60 x 111.00 x 114.00 x 0.40

125.00

Part No	PBM 1250 1030 265
Groove Dimension	125.00 x 103.00 x 26.50 x 5.10 x 121.00 x 124.00 x 0.80

133.00

Part No	PBM 1330 1150 224
Groove Dimension	133.00 x 115.00 x 22.40 x 9.52 x 125.60 x 130.50 x 0.80

135.00

Part No	PBM 1350 1100 254
Groove Dimension	135.00 x 110.00 x 25.40 x 9.50 x 127.60 x 132.50

135.00

Part No	PBM 1350 1100 254 /1
Groove Dimension	135.00 x 11000 x 25.40 x 6.35 x 128.10 x 133.00 x 0.80

140.00

Part No	PBM 1400 1150 254
Groove Dimension	140.00 x 115.00 x 25.40 x 9.50 x 132.60 x 137.50 x 0.80

140.00

Part No	PBM 1400 1150 254
Groove Dimension	140.00 x 115.00 x 25.40 x 6.35 x 133.00 x 138.00 x 0.80

140.00

Part No	PBM 1400 1180 265
Groove Dimension	140.00 x 118.00 x 26.50 x 5.10 x 136.00 x 139.00 x 0.80

145.00

Part No	PBM 1450 1200 254
Groove Dimension	145.00 x 120.00 x 25.40 x 9.50 x 137.60 x 142.50 x 0.80

145.00

Part No	PBM 1450 1200 254
Groove Dimension	145.00 x 120.00 x 25.40 x 6.35 x 138.30 x 142.95 x 0.80

150.00

Part No	PBM 1500 1250 254
Groove Dimension	150.00 x 125.00 x 25.40 x 9.50 x 142.60 x 147.50 x 0.80

150.00

Part No	PBM 1500 1280 265
Groove Dimension	150.00 x 128.00 x 26.50 x 5.10 x 146.00 x 149.00 x 0.80

152.00

Part No	PBM 1520 1270 317
Groove Dimension	152.00 x 127.00 x 31.70 x 9.50 x 145.00 x 149.91 x 0.80

155.00

Part No	PBM 1550 1300 254
Groove Dimension	155.00 x 130.00 x 25.40 x 9.50 x 147.00 x 152.50 x 0.80

160.00

Part No	PBM 1600 1300 254
Groove Dimension	160.00 x 130.00 x 25.40 x 6.35 x 153.00 x 157.50 x 0.80

160.00

Part No	PBM 1600 1350 254
Groove Dimension	160.00 x 135.00 x 25.40 x 9.50 x 152.60 x 157.50 x 0.80

160.00

Part No	PBM 1600 1380 265
Groove Dimension	160.00 x 138.00 x 26.50 x 5.10 x 156.00 x 159.00 x 0.80

165.00

Part No	PBM 1650 1400 254
Groove Dimension	165.00 x 140.00 x 25.40 x 9.50 x 157.60 x 162.50 x 0.80

170.00

Part No	PBM 1700 1450 254
Groove Dimension	170.00 x 145.00 x 25.40 x 12.70 x 161.70 x 167.10 x 0.80

170.00

Part No	PBM 1700 1480 265
Groove Dimension	170.00 x 148.00 x 26.50 x 5.10 x 166.00 x 169.00 x 0.80

175.00

Part No	PBM 1750 1500 254
Groove Dimension	175.00 x 150.00 x 25.40 x 12.70 x 166.70 x 172.10 x 0.80

180.00

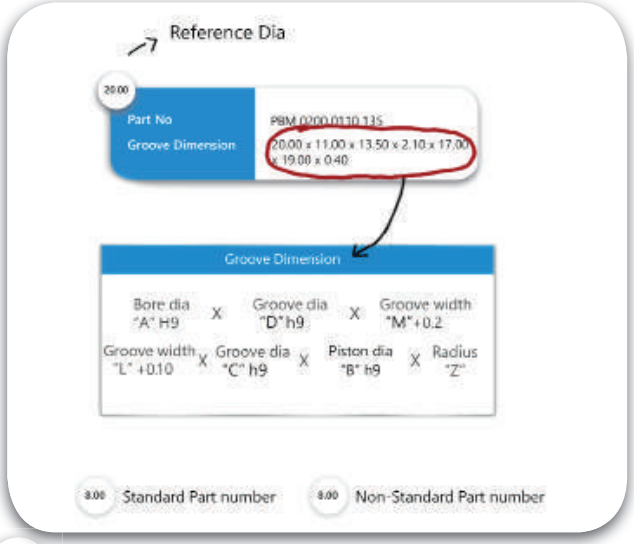
Part No	PBM 1800 1500 354
Groove Dimension	180.00 x 150.00 x 35.40 x 6.35 x 172.95 x 177.87 x 0.80

180.00

Part No	PBM 1800 1550 254
Groove Dimension	180.00 x 155.00 x 25.40 x 12.70 x 171.70 x 177.10 x 0.80

185.00

Part No	PBM 1850 1600 254
Groove Dimension	185.00 x 160.00 x 25.40 x 12.70 x 176.70 x 182.10 x 0.80



190.00

Part No	PBM 1900 1650 254
Groove Dimension	190.00 x 165.00 x 25.40 x 12.70 x 181.70 x 187.00 x 0.80

195.00

Part No	PBM 1950 1700 254
Groove Dimension	195.00 x 170.00 x 25.40 x 12.70 x 186.70 x 192.00 x 0.80

200.00

Part No	PBM 2000 1750 254
Groove Dimension	200.00 x 175.00 x 25.40 x 12.70 x 191.60 x 197.00 x 0.80

200.00

Part No	PBM 2000 1750 315
Groove Dimension	200.00 x 175.00 x 31.50 x 6.60 x 196.00 x 199.00 x 0.80

210.00

Part No	PBM 2100 1850 254
Groove Dimension	210.00 x 185.00 x 25.40 x 12.70 x 201.60 x 207.00 x 0.80

200.00

Part No	PBM 2200 1900 354
Groove Dimension	220.00 x 190.00 x 35.40 x 6.35 x 212.70 x 217.90 x 0.80

220.00

Part No	PBM 2200 1950 254
Groove Dimension	220.00 x 195.00 x 25.40 x 12.70 x 211.60 x 217.00 x 0.80

230.00

Part No	PBM 2300 2050 254
Groove Dimension	230.00 x 205.00 x 25.40 x 12.70 x 221.60 x 227.00 x 0.80

240.00

Part No	PBM 2400 2150 254
Groove Dimension	240.00 x 215.00 x 25.40 x 12.70 x 231.60 x 237.00 x 0.80

250.00

Part No	PBM 2500 2200 354
Groove Dimension	250.00 x 220.10 x 35.40 x 6.35 x 242.90 x 247.85 x 0.80

250.00

Part No	PBM 2500 2250 254
Groove Dimension	250.00 x 225.00 x 25.40 x 12.70 x 241.60 x 247.00 x 0.80

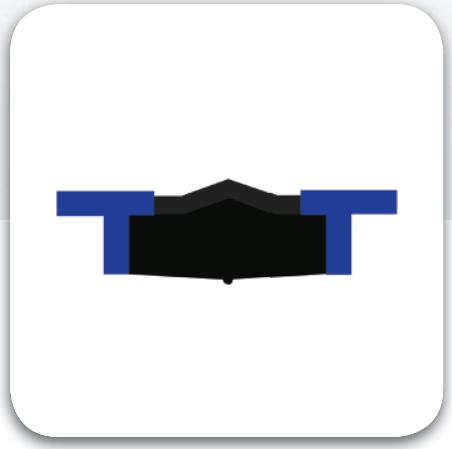
TRIADA

PSP

Piston Seals

#SealingExcellence



Description

The PSP Compact Seal is a double acting piston seal which is similar to PPC but the groove dimensions has been changed to have the neces-sary deformation when installed in the closed groove. This seal consists of a rugged central element in TRIAFLEX® (NBR) with fabric reinforce-ment, performing the main sealing function and supported by two slit TRIAMIDE® (Acetal Resin+PTFE + Glass Fibre) Wear Rings, which positions the Piston centrally within the Cylinder bore. These TRIAMIDE® wear rings limits the extrusion of the TRIAFLEX® Sealing Element and takes the responsibility of the radial loads and also resists the dynamic and static friction.



Diameter Range	Ø25.00 – Ø250.00
Standard material	TRIAMIDE® T487(Acetal Resin+PTFE + Glass Fibre) Wear Rings /Fabric Reinforced TRIAFLEX® T571 (NBR) Sealing Element.
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 350 bar

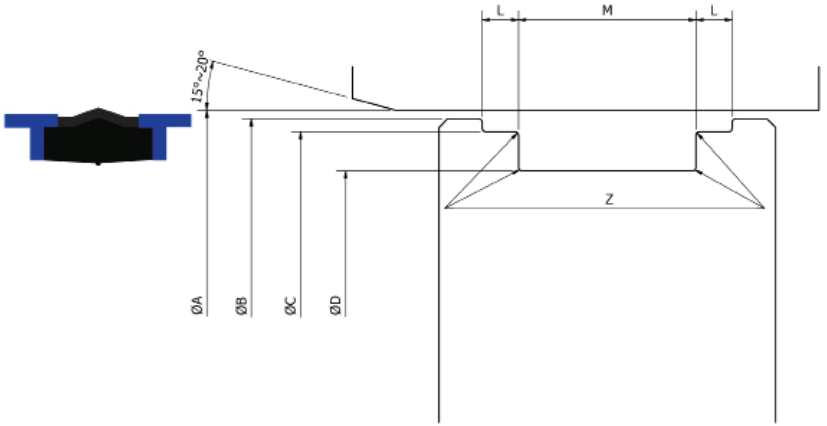
Material Details

Sealing Material	Sealing Material Code	WearRing material
TRIAFLEX® T571 NBR 70	CXN	TRIAMIDE® T487 Poly-Oxy Methylene

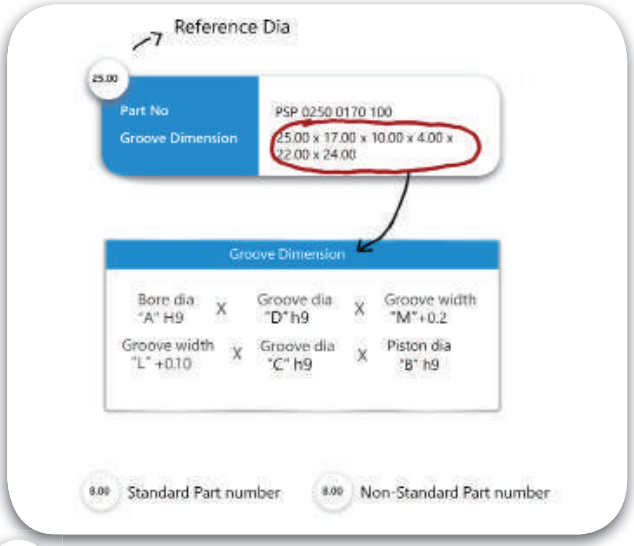
Nomenclature

Part No	PSP	0320	0240	155	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code





Z = 0.20 max.



45.00

Part No	PSP 0450 0370 155
Groove Dimension	45.00 x 37.00 x 15.50 x 3.20 x 41.00 x 44.40

55.00

Part No	PSP 0550 0400 125
Groove Dimension	55.00 x 40.00 x 12.50 x 4.20 x 51.00 x 54.40

63.00

Part No	PSP 0630 0530 125
Groove Dimension	63.00 x 53.00 x 12.50 x 4.00 x 60.00 x 62.00

75.00

Part No	PSP 0750 0630 205
Groove Dimension	75.00 x 63.00 x 20.50 x 4.20 x 71.00 x 74.40

25.00

Part No	PSP 0250 0170 100
Groove Dimension	25.00 x 17.00 x 10.00 x 4.00 x 22.00 x 24.00

32.00

Part No	PSP 0320 0240 100
Groove Dimension	32.00 x 24.00 x 10.00 x 4.00 x 29.00 x 31.00

40.00

Part No	PSP 0400 0320 155
Groove Dimension	40.00 x 32.00 x 15.50 x 3.20 x 36.00 x 39.40

50.00

Part No	PSP 0500 0380 205
Groove Dimension	50.00 x 38.00 x 20.50 x 4.20 x 46.00 x 49.40

60.00

Part No	PSP 0600 0480 205
Groove Dimension	60.00 x 48.00 x 20.50 x 4.20 x 56.00 x 59.40

65.00

Part No	PSP 0650 0530 205
Groove Dimension	65.00 x 53.00 x 20.50 x 4.20x 61.00 x 64.40

80.00

Part No	PSP 0800 0650 200
Groove Dimension	80.00 x 65.00 x 20.00 x 5.00 x 76.00 x 78.50

32.00

Part No	PSP 0320 0240 155
Groove Dimension	32.00 x 24.00 x 15.50 x 3.20 x 28.00 x 24.00

35.00

Part No	PSP 0350 0270 155
Groove Dimension	35.00 x 27.00 x 15.50 x 3.20 x 31.00 x 34.40

40.00

Part No	PSP 0400 0320 100
Groove Dimension	40.00 x 32.00 x 10.00 x 4.00 x 37.00 x 39.00

50.00

Part No	PSP 0500 0400 125
Groove Dimension	50.00 x 40.00 x 12.50 x 4.00 x 47.00 x 49.00

63.00

Part No	PSP 0630 0510 205
Groove Dimension	63.00 x 51.00 x 20.50 x 4.20 x 59.00 x 62.40

70.00

Part No	PSP 0700 0580 205
Groove Dimension	70.00 x 58.00 x 20.50 x 4.20 x 66.00 x 69.40

80.00

Part No	PSP 0800 0660 225
Groove Dimension	80.00 x 66.00 x 22.50 x 5.20 x 76.00 x 79.40

85.00	Part No	PSP 0850 0710 225
	Groove Dimension	85.00 x 71.00 x 22.50 x 5.20 x 81.00 x 84.40
100.00	Part No	PSP 1000 0860 225
	Groove Dimension	100.00 x 86.00 x 22.50 x 5.20 x 96.00 x 99.40
125.00	Part No	PSP 1250 1050 250
	Groove Dimension	125.00 x 105.00 x 25.00 x 6.30 x 120.00 x 123.00
140.00	Part No	PSP 1400 1230 265
	Groove Dimension	140.00 x 123.00 x 26.50 x 7.20 x 136.00 x 139.40
160.00	Part No	PSP 1600 1400 250
	Groove Dimension	160.00 x 140.00 x 25.00 x 7.20 x 156.00 x 159.40
200.00	Part No	PSP 2000 1800 315
	Groove Dimension	200.00 x 180.00 x 31.50 x 9.20 x 196.00 x 199.40

90.00	Part No	PSP 0900 0760 225
	Groove Dimension	90.00 x 76.00 x 22.50 x 5.20 x 86.00 x 89.40
110.00	Part No	PSP 1100 0960 225
	Groove Dimension	110.00 x 96.00 x 22.50 x 5.20 x 106.40 x 109.40
125.00	Part No	PSP 1250 1080 265
	Groove Dimension	125.00 x 108.00 x 26.50 x 7.20 x 121.00 x 124.40
150.00	Part No	PSP 1500 1330 265
	Groove Dimension	150.00 x 133.00 x 26.50 x 7.20 x 146.00 x 149.40
180.00	Part No	PSP 1800 1630 265
	Groove Dimension	180.00 x 163.00 x 26.50 x 7.20 x 176.00 x 179.40
220.00	Part No	PSP 2200 2000 315
	Groove Dimension	220.00 x 200.00 x 31.50 x 9.20 x 216.00 x 219.40

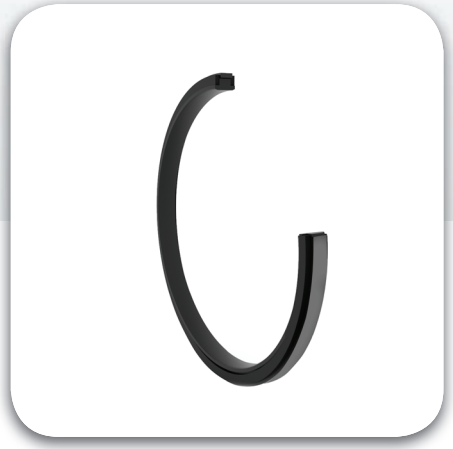
100.00	Part No	PSP 1000 0850 200
	Groove Dimension	100.00 x 85.00 x 20.00 x 5.00 x 96.00 x 98.50
120.00	Part No	PSP 1200 1060 225
	Groove Dimension	120.00 x 106.00 x 22.50 x 5.20 x 116.40 x 119.40
140.00	Part No	PSP 1400 1200 250
	Groove Dimension	140.00 x 120.00 x 25.00 x 6.30 x 135.00 x 138.00
160.00	Part No	PSP 1600 1400 250
	Groove Dimension	160.00 x 140.00 x 25.00 x 6.30 x 155.00 x 158.00
200.00	Part No	PSP 2000 1700 360
	Groove Dimension	200.00 x 170.00 x 36.00 x 12.50 x 192.00 x 197.00
250.00	Part No	PSP 2500 2300 315
	Groove Dimension	250.00 x 230.00 x 31.50 x 9.20 x 246.00 x 249.40

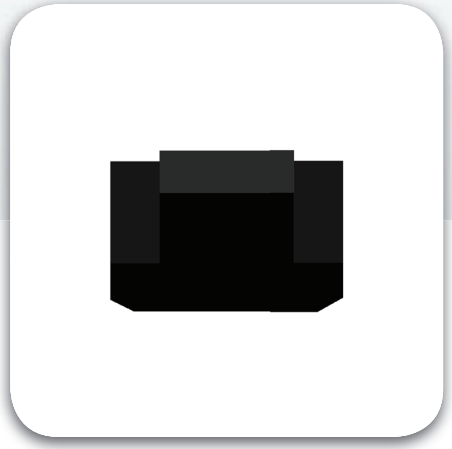
TRIADA

PTC

Piston Seals

#SealingExcellence



Description

The PTC Compact Seal is a double acting piston seal consisting of a TRIALON® (filled or unfilled PTFE) element, performing the main sealing function and energized by an elastomer in TRIAFLEX® (HNBR), supported by two slit TRIAMIDE® (PA) Back-Up Rings, which positions the Piston centrally within the Cylinder bore. These TRIAMIDE® Back-Up Rings limits the extrusion of the Sealing Element and thus enhances the life of the seal.



Diameter Range	Ø20.00 – Ø500.00
Standard material	TRIAMIDE® T485(PA) Anti-extrusion Rings/ TRIALON® T415(Bronze Filled PTFE) Sealing Element / Energiser in TRIAFLEX® T531(HNBR).
Temperature(°C)	-30° C to 130° C
Speed	≤ 1.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 800 bar

Material Details

Sealing Material	Sealing Material Code	Elastomer material	Elastomer material Code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled	T417	TRIAFLEX® T531 HNBR 70	H

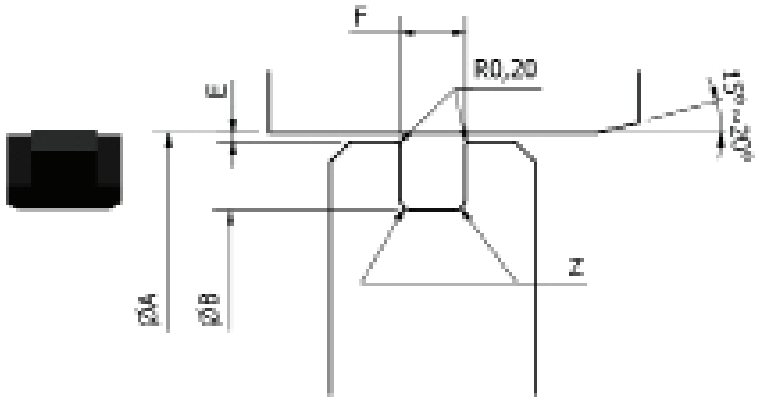
Nomenclature

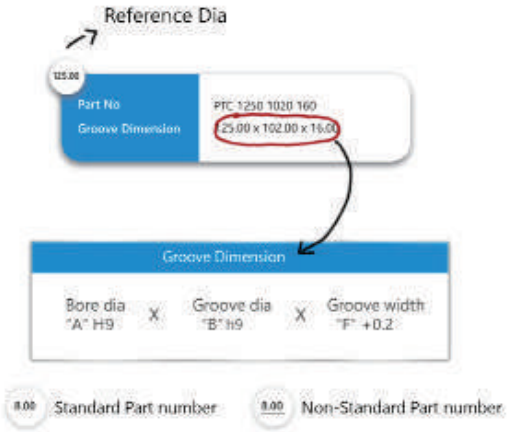
Part No	PTC	1000	0845	063	T415	H
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Bore Diameter "A" H9	Radial Clearance "E" Max			
Satandard Range	<20bar	<100bar	<200bar	<400bar
6.00 - 13.90	0.20	0.10	0.08	0.05
14.00 - 24.90	0.25	0.15	0.10	0.07
25.00 - 45.90	0.35	0.20	0.15	0.08
46.00 - 124.90	0.50	0.25	0.20	0.10
125.00 - 999.90	0.60	0.30	0.25	0.12
1000.00 - 2700.00	0.90	0.50	0.40	0.20





50.00

Part No	PTC 0500 0360 090
Groove Dimension	50.00 x 36.00 x 9.00

55.00

Part No	PTC 0550 0410 090
Groove Dimension	55.00 x 41.00 x 9.00

60.00

Part No	PTC 0600 0460 090
Groove Dimension	620.00 x 46.00 x 9.00

63.00

Part No	PTC 0630 0480 110
Groove Dimension	63.00 x 48.00 x 11.00

65.00

Part No	PTC 0650 0500 110
Groove Dimension	65.00 x 50.00 x 11.00

70.00

Part No	PTC 0700 0550 110
Groove Dimension	70.00 x 55.00 x 11.00

75.00

Part No	PTC 0750 0600 110
Groove Dimension	75.00 x 60.00 x 11.00

80.00

Part No	PTC 0800 0650 110
Groove Dimension	80.00 x 65.00 x 11.00

85.00

Part No	PTC 0850 0700 110
Groove Dimension	85.00 x 70.00 x 11.00

90.00

Part No	PTC 0900 0750 110
Groove Dimension	90.00 x 75.00 x 11.00

95.00

Part No	PTC 0950 0800 125
Groove Dimension	95.00 x 80.00 x 12.50

100.00

Part No	PTC 1000 0850 125
Groove Dimension	100.00 x 85.00 x 12.50

105.00

Part No	PTC 1050 0900 125
Groove Dimension	105.00 x 90.00 x 12.50

110.00

Part No	PTC 1100 0950 125
Groove Dimension	110.00 x 95.00 x 12.50

115.00

Part No	PTC 1150 1000 125
Groove Dimension	115.00 x 100.00 x12.50

120.00

Part No	PTC 1200 1050 125
Groove Dimension	120.00 x 105.00 x 12.50

125.00

Part No	PTC 1250 1020 160
Groove Dimension	125.00 x 102.00 x 16.00

130.00

Part No	PTC 1300 1070 160
Groove Dimension	130.00 x 107.00 x 16.00

135.00

Part No	PTC 1350 1120 160
Groove Dimension	135.00 x 112.0 x 16.00

140.00

Part No	PTC 1400 1170 160
Groove Dimension	140.00 x 117.00 x16.00

145.00

Part No	PTC 1450 1220 160
Groove Dimension	145.00 x 122.00 x 16.00

150.00

Part No	PTC 1500 1270 160
Groove Dimension	150.00 x 127.00 x 16.00

155.00

Part No	PTC 1550 1320 160
Groove Dimension	155.00 x 132.00 x 16.00

160.00

Part No	PTC 1600 1370 160
Groove Dimension	160.00 x 137.00 x 16.00

165.00

Part No	PTC 1650 1420 160
Groove Dimension	165.00 x 142.00 x 16.00

170.00

Part No	PTC 1700 1470 160
Groove Dimension	170.00 x 147.00 x 16.00

180.00

Part No	PTC 1800 1570 160
Groove Dimension	180.00 x 157.00 x 16.00

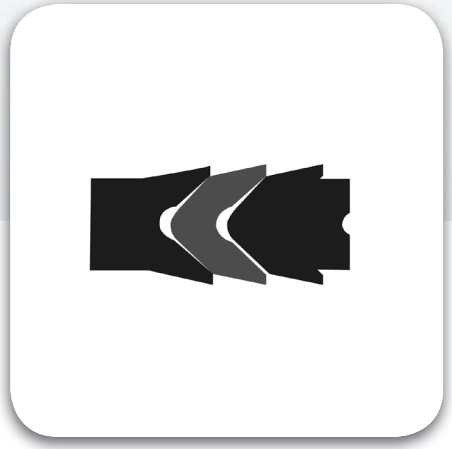
TRIADA

PHC

Piston Seals

#SealingExcellence



Description

The PHC Seal is a single acting piston seal consists of a rugged central element in TRIAFLEX® (NBR) with fabric reinforcement, performing the main sealing function and to avoid the extrusion it is again supported by TRIAFLEX® (cotton fabric reinforced) Ring. To ensure a uniform preload of the seal the energizer made of TRIAMIDE® (POM) is being used at the front.



Diameter Range	Ø8.00 – Ø1500.00
Standard material	V-Ring is of TRIAFLEX® T571(NBR), Spreader Ring is of TRIAFLEX® T543(compounded with cotton fabric), Base Ring is TRIAMIDE® T485(POM).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. Conditions).
Pressure	≤ 400 bar

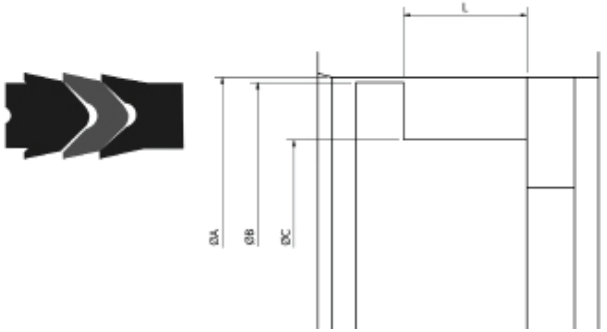
Material Details

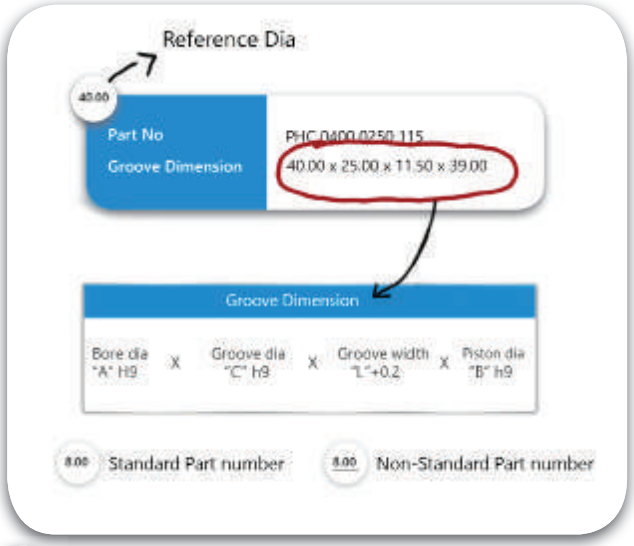
V-Ring Material	Material Code	Spreader Ring Material	Base Ring material
TRIAFLEX® T571 NBR 70	CXN	TRIAFLEX® T543 compounded with cotton fabric	TRIAMIDE® T485 Poly-Oxy Methylene
TRIAFLEX® T675 FKM 70	CXF		

Nomenclature

Part No	PHC	0500	0350	115	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







40.00	
Part No	PHC 0400 0250 115
Groove Dimension	40.00 x 25.00 x 11.50 x 39.00

50.00	
Part No	PHC 0500 0350 115
Groove Dimension	50.00 x 35.00 x 11.50 x 49.00

55.00	
Part No	PHC 0550 0400 115
Groove Dimension	55.00 x 40.00 x 11.50 x 54.00

63.00	
Part No	PHC 0630 0480 130
Groove Dimension	63.00 x 48.00 x 13.00 x 62.00

65.00	
Part No	PHC 0650 0500 115
Groove Dimension	65.00 x 50.00 x 11.50 x 64.00

80.00	
Part No	PHC 0800 0600 152
Groove Dimension	80.00 x 60.00 x 15.20 x 79.00

100.00	
Part No	PHC 1000 0800 212
Groove Dimension	100.00 x 80.00 x 21.20 x 99.00

125.00	
Part No	PHC 1250 1000 258
Groove Dimension	125.00 x 100.00 x 25.80 x 124.00

140.00	
Part No	PHC 1400 1150 258
Groove Dimension	140.00 x 115.00 x 25.80 x 139.00

160.00	
Part No	PHC 1600 1300 290
Groove Dimension	160.00 x 130.00 x 29.00 x 158.50

180.00	
Part No	PHC 1800 1500 315
Groove Dimension	180.00 x 150.00 x 31.50 x 178.50

200.00	
Part No	PHC 2000 1700 335
Groove Dimension	200.00 x 170.00 x 33.50 x 198.50

240.00	
Part No	PHC 2400 2100 335
Groove Dimension	240.00 x 210.00 x 33.50 x 238.40

250.00	
Part No	PHC 2500 2200 335
Groove Dimension	250.00 x 220.00 x 33.50 x 248.50

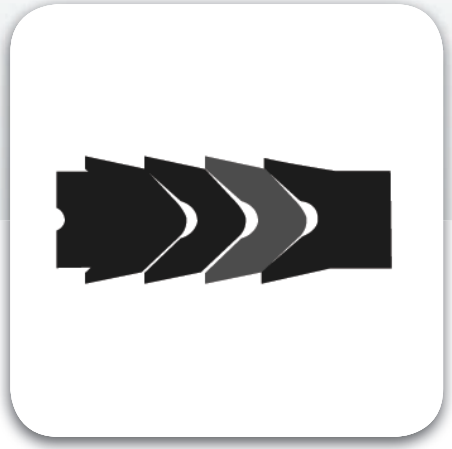
TRIADA

PHC3

Piston Seals

#SealingExcellence



Description

The PHC3 Seal is similar to PHC seal and it is also a single acting pison seal consists of a rugged central element in TRIAFLEX® (NBR) with fabric reinforcement, performing the main sealing function and to avoid the extrusion it is again supported by two TRIAFLEX® (cotton fabric reinforced) Ring. To ensure a uniform preload of the seal the energizer made of TRIAMIDE® (POM) is being used at the front which is again supported by TRIAFLEX® material.



Diameter Range	Ø20.00 – Ø1500.00
Standard material	V-Ring is of TRIAFLEX® T571(NBR), Spreader Ring is of TRIAFLEX® T543(compounded with cotton fabric), Base Ring is TRIAMIDE® T485(POM).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material)
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 400 bar

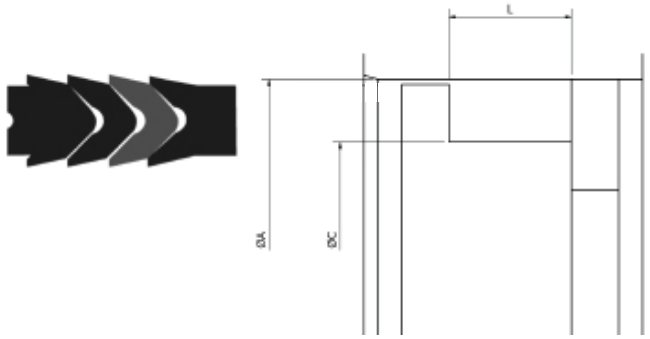
Material Details

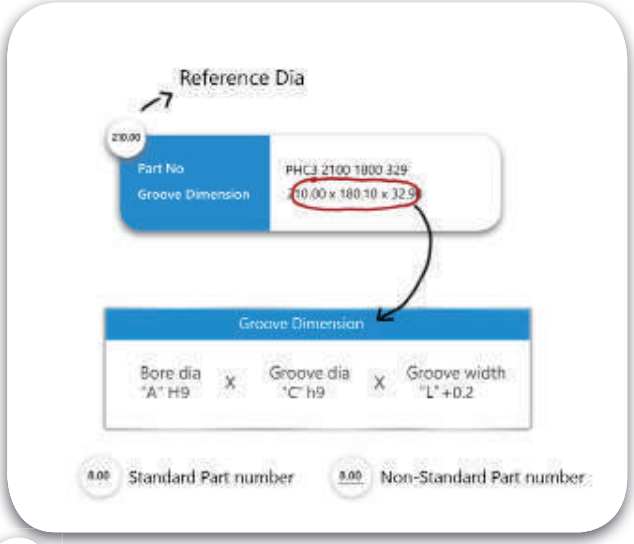
V-Ring Material	Material Code	Spreader Ring Material	Base Ring material
TRIAFLEX® T571 NBR 70	CXN	TRIAFLEX® T543 compounded with cotton fabric	TRIAMIDE® T485 Poly-Oxy Methylene
TRIAFLEX® T675 FKM 70	CXF		

Nomenclature

Part No	PHC3	0500	0350	115	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







127.00

Part No	PHC3 1270 1079 300
Groove Dimension	127.00 x 107.95 x 30.00

210.00

Part No	PHC3 2100 1800 329
Groove Dimension	210.00 x 180.10 x 32.90

95.25

Part No	PHC3 0952 0825 217
Groove Dimension	95.25 x 82.55 x 21.72

114.30

Part No	PHC3 1143 0889 353
Groove Dimension	114.30 x 88.90 x 35.32

114.30

Part No	PHC3 1143 0984 265
Groove Dimension	114.30 x 98.42 x 26.59

150.00

Part No	PHC3 1500 1200 440
Groove Dimension	150.00 x 120.00 x 44.00

222.25

Part No	PHC3 2222 1900 500
Groove Dimension	222.25 x 190.00 x 50.00

107.90

Part No	PHC3 1079 0889 310
Groove Dimension	107.95 x 88.90 x 31.10

114.30

Part No	PHC3 1143 0952 254
Groove Dimension	114.30 x 95.25 x 25.40

127.00

Part No	PHC3 1270 1016 321
Groove Dimension	127.00 x 101.60 x 32.15

152.40

Part No	PHC3 1524 1270 386
Groove Dimension	152.40 x 127.00 x 38.63

280.00

Part No	PHC3 2800 2500 329
Groove Dimension	280.00 x 250.00 x 32.97

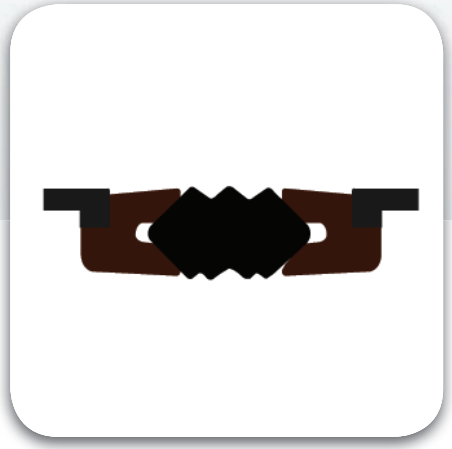
TRIADA

PSM

Piston Seals

#SealingExcellence



Description

The PSM Compact Seal is a double acting piston seal consisting of a rugged central element in TRIAFLEX® (NBR), performing the main sealing function and supported by two TRIATEX® (Fabric Reinforced Nitrile) slit U-cup Rings and two TRIAMIDE® (Acetal Resin) slit Wear Rings, which positions the Piston centrally within the Cylinder bore. These Back-Up Rings limits the extrusion of the TRIAFLEX® Sealing Element and the Wear Rings takes the responsibility of the radial loads.

Diameter Range	Ø10.00 – Ø320.00
Standard material	TRIAMIDE® T485(Acetal Resin) Wear Ring/ TRIAFLEX® T571(NBR) Sealing Element / TRIATEX® T543(Fabric Reinforced Nitrile) Support Rings
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc depending on Seal Compounds selected
Pressure	≤ 400 bar

Reciprocating | oscillating | Rotary | Helix | Static | Single Acting | Double Acting

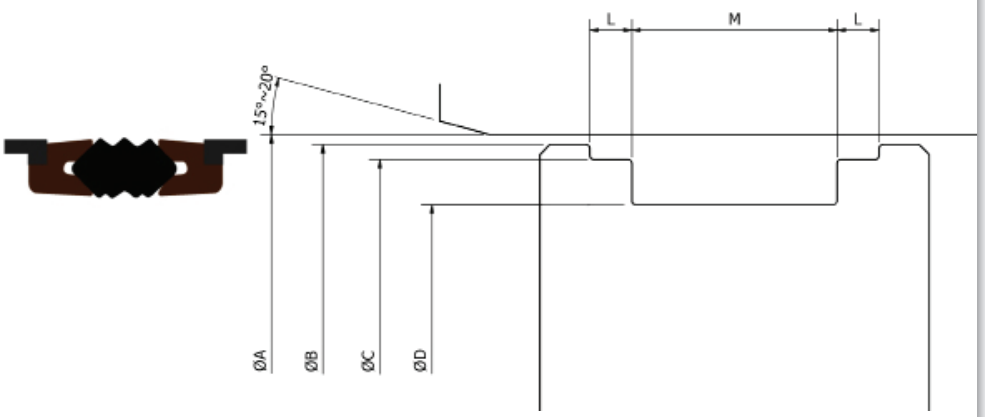
Material Details

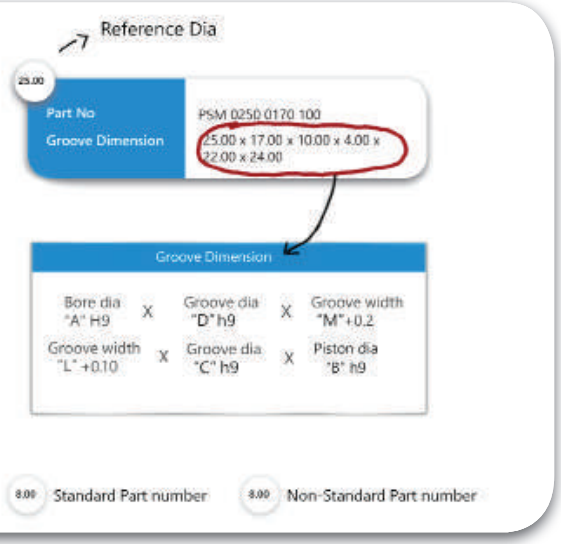
Sealing Material	Material Code	Support Ring Material	WearRing material
TRIAFLEX® T571 NBR 70	CXN	TRIATEX® T543 Fabric Reinforced Nitrile	TRIAMIDE® T485 Poly-Oxy Methylene

Nomenclature

Part No	PSM	0500	0350	115	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







45.00	
Part No	PSM 0450 0290 320
Groove Dimension	45.00 x 29.00 x 32.00 x 6.35 x 38.80 x 42.80

50.00	
Part No	PSM 0500 0340 320
Groove Dimension	50.00 x 34.00 x 32.00 x 6.35 x43.77x 47.80

55.00	
Part No	PSM 0550 0400 320
Groove Dimension	55.00 x 40.00 x 32.00 x 6.35 x 48.77 x 52.80

60.00	
Part No	PSM 0600 0440 320
Groove Dimension	60.00 x 44.00 x 32.00 x 6.35 x 53.80 x 57.80

63.00	
Part No	PSM 0630 0470 320
Groove Dimension	63.00 x 47.00 x 32.00 x 6.35 x 56.74 x 60.80

63.50	
Part No	PSM 0635 0476 317
Groove Dimension	63.50 x 47.60 x 31.70 x 6.35 x 57.25 x 61.30

65.00	
Part No	PSM 0650 0490 320
Groove Dimension	65.00 x 49.00 x 32.00 x 6.35 x 58.70 x 62.80

70.00	
Part No	PSM 0700 0500 350
Groove Dimension	70.00 x 50.00 x 35.00 x 9.52 x 62.62 x 67.50

75.00	
Part No	PSM 0750 0550 350
Groove Dimension	75.00 x 55.00 x 35.00 x 9.52 x 67.70 x 72.50

80.00	
Part No	PSM 0800 0600 350
Groove Dimension	80.00 x 60.00 x 35.00 x 9.52 x 72.62 x 77.50

80.00	
Part No	PSM 0800 0640 320
Groove Dimension	80.00 x 64.00 x 32.00 x 9.52 x 72.62 x 77.50

85.00	
Part No	PSM 0850 0650 350
Groove Dimension	85.00 x 65.00 x 35.00 x 9.52 x 72.62 x 82.50

90.00	
Part No	PSM 0900 0700 350
Groove Dimension	90.00 x 70.00 x 35.00 x 9.52 x 82.58 x 87.80

90.00	
Part No	PSM 0900 0740 320
Groove Dimension	90.00 x 74.00 x 32.00 x 9.52 x 82.87 x 87.80

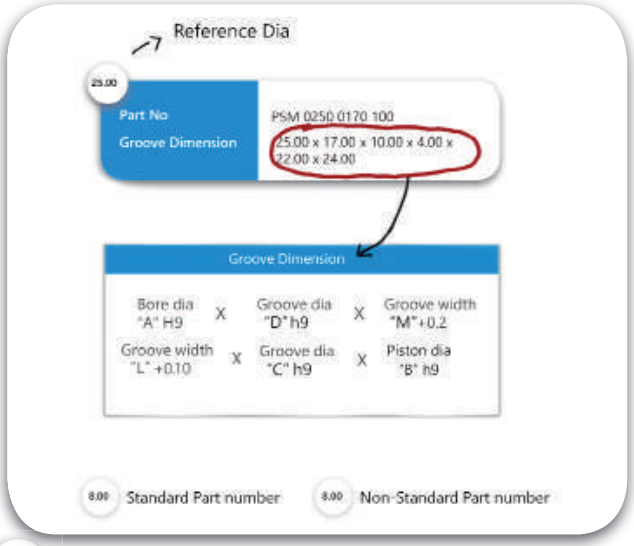
92.00	
Part No	PSM 0920 0730 349
Groove Dimension	92.00 x 73.00 x 34.90 x 9.52 x 84.66 x 89.60

95.20	
Part No	PSM 0952 0762 349
Groove Dimension	95.20 x 76.20 x 34.90 x 9.52 x 87.86 x 92.80

95.00	
Part No	PSM 0950 0750 350
Groove Dimension	95.00 x 75.00 x 35.00 x 9.52 x 87.60 x 92.50

100.00	
Part No	PSM 1000 0800 350
Groove Dimension	100.00 x 80.00 x 35.00 x 9.52 x 92.60 x 97.50

101.60	
Part No	PSM 1016 0825 349
Groove Dimension	101.60 x 82.50 x 34.90 x 9.52 x 94.20 x 99.10
105.00	
Part No	PSM 1050 0850 350
Groove Dimension	105.00 x 85.00 x 35.00 x 9.52 x 97.60 x 102.50
110.00	
Part No	PSM 1100 0850 450
Groove Dimension	110.00 x 85.00 x 45.00 x 12.70 x 101.82 x 107.30
110.00	
Part No	PSM 1100 0900 350
Groove Dimension	110.00 x 90.00 x 35.00 x 9.52 x 102.70 x 107.50
114.30	
Part No	PSM 1143 0889 444
Groove Dimension	114.30 x 88.90 x 44.40 x 12.70 x 106.12 x 111.60
115.00	
Part No	PSM 1150 0900 450
Groove Dimension	115.00 x 90.00 x 45.00 x 12.70 x 106.82 x 112.30
120.00	
Part No	PSM 1200 0950 450
Groove Dimension	120.00 x 95.00 x 45.00 x 12.70 x 111.82 x 117.30
120.00	
Part No	PSM 1200 1000 350
Groove Dimension	120.00 x 100.00 x 35.00 x 12.70 x 111.82 x 117.30
125.00	
Part No	PSM 1250 1000 450
Groove Dimension	120.00 x 100.00 x 45.00 x 12.70 x 116.82 x 122.30
127.00	
Part No	PSM 1270 1016 444
Groove Dimension	127.00 x 101.60 x 44.40 x 12.70 x 118.80 x 124.30
130.00	
Part No	PSM 1300 1050 450
Groove Dimension	130.00 x 105.00 x 45.00 x 12.70 x 121.82 x 127.30
130.00	
Part No	PSM 1300 1100 350
Groove Dimension	130.00 x 110.00 x 35.00 x 12.70 x 122.70 x 127.30
135.00	
Part No	PSM 1350 1100 450
Groove Dimension	135.00 x 110.00 x 45.00 x 12.70 x 126.82 x 132.30
139.70	
Part No	PSM 1397 1143 444
Groove Dimension	139.70 x 114.30 x 44.40 x 12.70 x 131.47 x 137.00
140.00	
Part No	PSM 1400 1150 450
Groove Dimension	140.70 x 115.00 x 45.00 x 12.70 x 131.72 x 137.30
140.00	
Part No	PSM 1400 1200 350
Groove Dimension	140.00 x 120.00 x 35.00 x 12.70 x 132.70 x 137.30
145.00	
Part No	PSM 1450 1200 450
Groove Dimension	145.00 x 120.00 x 45.00 x 12.70 x 136.72 x 142.30
150.00	
Part No	PSM 1500 1250 450
Groove Dimension	150.00 x 125.00 x 45.00 x 12.70 x 141.72 x 147.30
152.40	
Part No	PSM 1524 1270 444
Groove Dimension	152.40 x 127.00 x 44.40 x 12.70 x 144.15 x 149.70
160.00	
Part No	PSM 1600 1350 450
Groove Dimension	160.00 x 135.00 x 45.00 x 12.70 x 151.72 x 157.10
165.00	
Part No	PSM 1650 1350 450
Groove Dimension	165.00 x 135.00 x 45.00 x 12.70 x 158.00 x 162.10



170.00

Part No	PSM 1700 1400 450
Groove Dimension	170.00 x 140.00 x 45.00 x 12.70 x 163.00 x 167.90

177.80

Part No	PSM 1778 1524 444
Groove Dimension	177.78 x 152.40 x 44.40 x 12.70 x 169.55 x 175.10

180.00

Part No	PSM 1800 1550 450
Groove Dimension	180.00 x 155.00 x 45.00 x 12.70 x 171.60 x 177.10

185.00

Part No	PSM 1850 1600 450
Groove Dimension	185.00 x 160.00 x 45.00 x 12.70 x 176.72 x 182.10

190.00

Part No	PSM 1900 1650 450
Groove Dimension	190.00 x 165.00 x 45.00 x 12.70 x 181.72 x 187.10

200.00

Part No	PSM 2000 1750 450
Groove Dimension	200.00 x 175.00 x 45.00 x 12.70 x 191.72 x 197.10

210.00

Part No	PSM 2100 1850 450
Groove Dimension	210.00 x 185.00 x 45.00 x 12.70 x 201.72 x 207.10

220.00

Part No	PSM 2200 1950 450
Groove Dimension	220.00 x 195.00 x 45.00 x 12.70 x 211.72 x 217.10

230.00

Part No	PSM 2300 2050 450
Groove Dimension	230.00 x 205.00 x 45.00 x 12.70 x 221.72 x 227.10

240.00

Part No	PSM 2400 2150 450
Groove Dimension	240.00 x 215.00 x 45.00 x 12.70 x 231.72 x 237.10

250.00

Part No	PSM 2500 2250 450
Groove Dimension	250.00 x 225.00 x 45.00 x 12.70 x 241.72 x 247.10

260.00

Part No	PSM 2600 2350 450
Groove Dimension	260.00 x 235.00 x 45.00 x 12.70 x 251.72 x 257.10

270.00

Part No	PSM 2700 2450 450
Groove Dimension	270.00 x 245.00 x 45.00 x 12.70 x 261.72 x 267.10

280.00

Part No	PSM 2800 2550 450
Groove Dimension	280.00 x 255.00 x 45.00 x 12.70 x 271.72 x 277.10

290.00

Part No	PSM 2900 2650 450
Groove Dimension	290.00 x 265.00 x 45.00 x 12.70 x 281.72 x 287.10

300.00

Part No	PSM 3000 2750 450
Groove Dimension	300.00 x 275.00 x 45.00 x 12.70 x 291.72 x 297.10

360.00

Part No	PSM 3600 3350 444
Groove Dimension	360.00 x 335.00 x 44.40 x 12.70 x 351.76 x 357.30

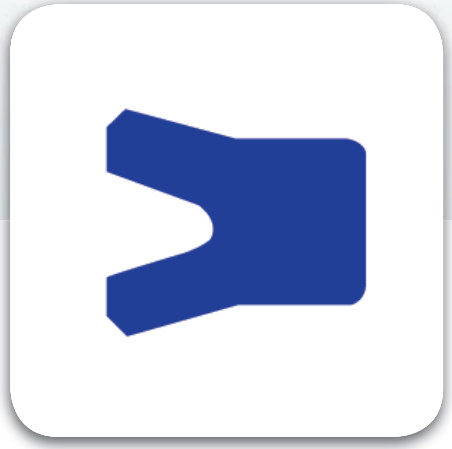
TRIADA

PPS

Piston Seals

#SealingExcellence



Description

The PPS is a single acting Symmetrical U-Cup, the TRIATHANE® (polyurethane) material used in this U-Cup provides high wear resistance, the taper behind the lip reduces friction at the dynamic surface.



Diameter Range	Ø10.00 – Ø3500.00
Standard material	TRIATHANE® T479 (Polyurethane)
Temperature(°C)	-30° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. depending on Seal Compounds selected.
Pressure	≤ 400 bar

Material Details

Material	Material Code
TRIATHANE® Polyurethane	T479
TRIAFLEX® NBR 90 Shore A	T591

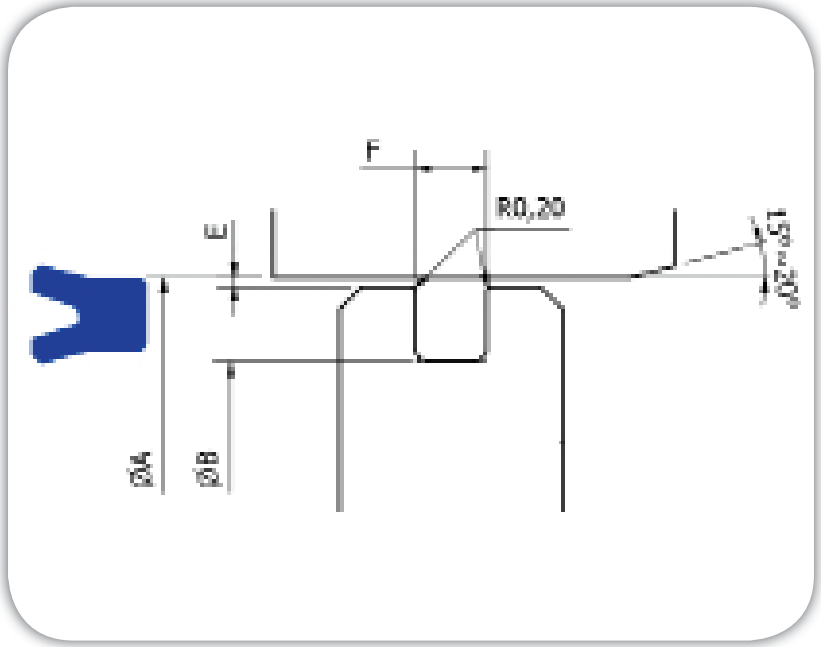
Nomenclature

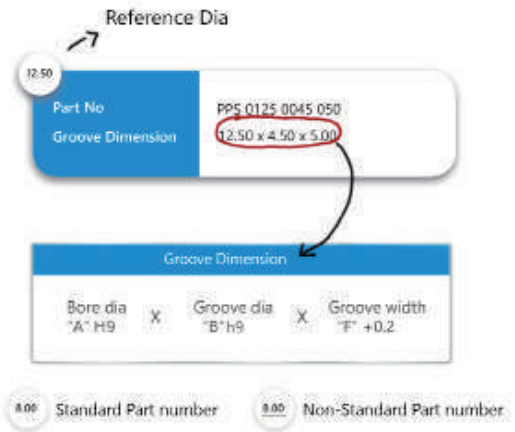
Part No	PUA	0120	0050	060	T479
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove Details

Operating Pressure	Radial Clearance "E" Max	
	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15





12.00	Part No	PPS 0120 0050 070
	Groove Dimension	12.00 x 5.00 x 7.00
12.00	Part No	PPS 0120 0050 050
	Groove Dimension	12.00 x 5.00 x 5.00
12.00	Part No	PPS 0120 0060 060
	Groove Dimension	12.00 x 6.00 x 6.00
12.00	Part No	PPS 0120 0080 060
	Groove Dimension	12.00 x 8.00 x 6.00

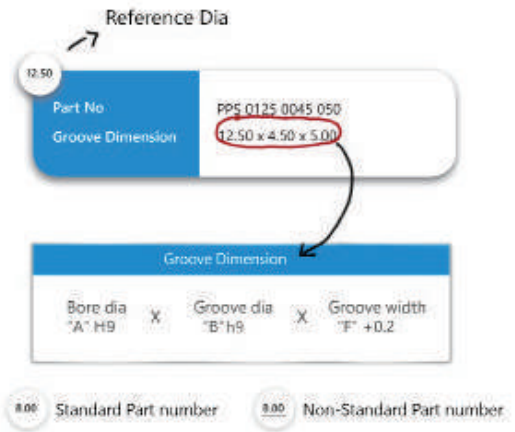
9.00	Part No	PPS 0090 0030 050
	Groove Dimension	9.00 x 3.00 x 5.00
10.00	Part No	PPS 0100 0040 045
	Groove Dimension	10.00 x 4.00 x 4.50
11.00	Part No	PPS 0110 0045 055
	Groove Dimension	11.00 x 4.50 x 5.50
12.00	Part No	PPS 0120 0050 055
	Groove Dimension	12.00 x 5.00 x 5.50
12.00	Part No	PPS 0120 0060 045
	Groove Dimension	12.00 x 6.00 x 4.50
12.00	Part No	PPS 0120 0060 065
	Groove Dimension	12.00 x 6.00 x 6.50
12.50	Part No	PPS 0125 0045 050
	Groove Dimension	12.50 x 4.50 x 5.00

9.00	Part No	PPS 0090 0040 045
	Groove Dimension	9.00 x 4.00 x 4.50
10.00	Part No	PPS 0100 0040 050
	Groove Dimension	10.00 x 4.00 x 5.00
12.00	Part No	PPS 0120 0040 045
	Groove Dimension	12.00 x 4.00 x 4.50
12.00	Part No	PPS 0120 0050 065
	Groove Dimension	12.00 x 5.00 x 6.50
12.00	Part No	PPS 0120 0060 090
	Groove Dimension	12.00 x 6.00 x 9.00
12.00	Part No	PPS 0120 0080 035
	Groove Dimension	12.00 x 8.00 x 3.50
12.70	Part No	PPS 0127 0050 090
	Groove Dimension	12.70 x 5.00 x 9.00

12.70	Part No	PPS 0127 0060 065
	Groove Dimension	12.70 x 6.00 x 6.50
13.50	Part No	PPS 0135 0090 050
	Groove Dimension	13.50 x 9.00 x 5.00
15.00	Part No	PPS 0150 0060 090
	Groove Dimension	15.00 x 6.00 x 9.00
15.00	Part No	PPS 0150 0080 063
	Groove Dimension	15.00 x 8.00 x 6.30
16.00	Part No	PPS 0160 0060 055
	Groove Dimension	16.00 x 6.00 x 5.50
16.00	Part No	PPS 0160 0080 080
	Groove Dimension	16.00 x 8.00 x 8.00
17.00	Part No	PPS 0170 0110 050
	Groove Dimension	17.00 x 11.00 x 5.00

12.70	Part No	PPS 0127 0063 045
	Groove Dimension	12.70 x 6.30 x 4.50
14.00	Part No	PPS 0140 0070 042
	Groove Dimension	14.00 x 7.00 x 4.20
15.00	Part No	PPS 0150 0070 045
	Groove Dimension	15.00 x 7.00 x 4.50
15.00	Part No	PPS 0150 0080 090
	Groove Dimension	15.00 x 8.00 x 9.00
16.00	Part No	PPS 0160 0080 045
	Groove Dimension	16.00 x 8.00 x 4.50
16.00	Part No	PPS 0160 0100 065
	Groove Dimension	16.00 x 10.00 x 6.50
18.00	Part No	PPS 0180 0080 055
	Groove Dimension	18.00 x 8.00 x 5.50

13.00	Part No	PPS 0130 0050 045
	Groove Dimension	13.00 x 5.00 x 4.50
14.00	Part No	PPS 0140 0080 070
	Groove Dimension	14.00 x 8.00 x 7.00
15.00	Part No	PPS 0150 0070 080
	Groove Dimension	15.00 x 7.00 x 8.00
15.00	Part No	PPS 0150 0090 090
	Groove Dimension	15.00 x 9.00 x 9.00
16.00	Part No	PPS 0160 0080 063
	Groove Dimension	16.00 x 8.00 x 6.30
16.00	Part No	PPS 0160 0100 045
	Groove Dimension	16.00 x 10.00 x 4.50
18.00	Part No	PPS 0180 0080 080
	Groove Dimension	18.00 x 8.00 x 8.00



19.00	
Part No	PPS 0190 0120 060
Groove Dimension	19.00 x 12.00 x 6.00

20.00	
Part No	PPS 0200 0100 080
Groove Dimension	20.00 x 10.00 x 8.00

20.00	
Part No	PPS 0200 0120 080
Groove Dimension	20.00 x 12.00 x 8.00

20.50	
Part No	PPS 0205 0110 070
Groove Dimension	20.50 x 11.00 x 7.00

18.00	
Part No	PPS 0180 0100 070
Groove Dimension	18.00 x 10.00 x 7.00

18.00	
Part No	PPS 0180 0100 090
Groove Dimension	18.00 x 10.00 x 9.00

18.00	
Part No	PPS 0180 0120 070
Groove Dimension	18.00 x 12.00 x 7.00

20.00	
Part No	PPS 0200 0080 070
Groove Dimension	20.00 x 8.00 x 7.00

20.00	
Part No	PPS 0200 0120 090
Groove Dimension	20.00 x 12.00 x 9.00

20.00	
Part No	PPS 0200 0130 070
Groove Dimension	20.00 x 13.00 x 7.00

20.60	
Part No	PPS 0206 0143 055
Groove Dimension	20.60 x 14.30 x 5.50

18.00	
Part No	PPS 0180 0100 045
Groove Dimension	18.00 x 10.00 x 4.50

18.00	
Part No	PPS 0180 0120 055
Groove Dimension	18.00 x 12.00 x 5.50

19.00	
Part No	PPS 0190 0090 070
Groove Dimension	19.00 x 9.00 x 7.00

20.00	
Part No	PPS 0200 0100 055
Groove Dimension	20.00 x 10.00 x 5.50

20.00	
Part No	PPS 0200 0120 045
Groove Dimension	20.00 x 12.00 x 4.50

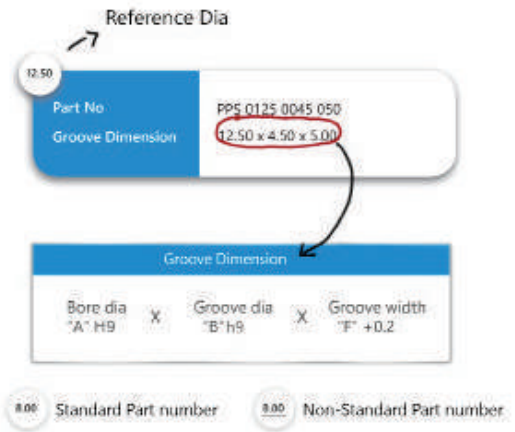
20.00	
Part No	PPS 0200 0140 053
Groove Dimension	20.00 x 14.00 x 5.30

21.00	
Part No	PPS 0210 0130 065
Groove Dimension	21.00 x 13.00 x 6.50

21.00	Part No	PPS 0210 0147 070
	Groove Dimension	21.00 x 14.70 x 7.00
22.00	Part No	PPS 0220 0100 070
	Groove Dimension	22.00 x 10.00 x 7.00
22.00	Part No	PPS 0220 0140 090
	Groove Dimension	22.00 x 14.00 x 9.00
22.00	Part No	PPS 0220 0160 055
	Groove Dimension	22.00 x 16.00 x 5.50
24.00	Part No	PPS 0240 0120 100
	Groove Dimension	24.00 x 12.00 x 10.00
24.00	Part No	PPS 0240 0160 045
	Groove Dimension	24.00 x 16.00 x 4.50
25.00	Part No	PPS 0250 0100 080
	Groove Dimension	25.00 x 10.00 x 8.00

22.00	Part No	PPS 0220 0080 090
	Groove Dimension	22.00 x 8.00 x 9.00
22.00	Part No	PPS 0220 0140 045
	Groove Dimension	22.00 x 14.00 x 4.50
22.00	Part No	PPS 0220 0140 120
	Groove Dimension	22.00 x 14.00 x 12.00
23.00	Part No	PPS 0230 0150 063
	Groove Dimension	23.00 x 15.00 x 6.30
24.00	Part No	PPS 0240 0140 055
	Groove Dimension	24.00 x 14.00 x 5.50
24.00	Part No	PPS 0240 0160 060
	Groove Dimension	24.00 x 16.00 x 6.00
25.00	Part No	PPS 0250 0120 110
	Groove Dimension	25.00 x 12.00 x 11.00

22.00	Part No	PPS 0220 0090 090
	Groove Dimension	22.00 x 9.00 x 9.00
22.00	Part No	PPS 0220 0140 070
	Groove Dimension	22.00 x 14.00 x 7.00
22.00	Part No	PPS 0220 0160 045
	Groove Dimension	22.00 x 16.00 x 4.50
24.00	Part No	PPS 0240 0120 065
	Groove Dimension	24.00 x 12.00 x 6.50
24.00	Part No	PPS 0240 0160 100
	Groove Dimension	24.00 x 16.00 x 10.00
24.00	Part No	PPS 0240 0160 090
	Groove Dimension	24.00 x 16.00 x 9.00
25.00	Part No	PPS 0250 0120 090
	Groove Dimension	25.00 x 12.00 x 9.00



25.00	
Part No	PPS 0250 0170 110
Groove Dimension	25.00 x 17.00 x 11.00

25.00	
Part No	PPS 0250 0190 070
Groove Dimension	25.00 x 19.00 x 7.00

26.00	
Part No	PPS 0260 0160 110
Groove Dimension	26.00 x 16.00 x 11.00

26.00	
Part No	PPS 0260 0180 090
Groove Dimension	26.00 x 18.00 x 9.00

25.00	
Part No	PPS 0250 0130 065
Groove Dimension	25.00 x 13.00 x 6.50

25.00	
Part No	PPS 0250 0150 055
Groove Dimension	25.00 x 15.00 x 5.50

25.00	
Part No	PPS 0250 0170 045
Groove Dimension	25.00 x 17.00 x 4.50

25.00	
Part No	PPS 0250 0180 055
Groove Dimension	25.00 x 18.00 x 5.50

25.00	
Part No	PPS 0250 0190 035
Groove Dimension	25.00 x 19.00 x 3.50

26.00	
Part No	PPS 0260 0180 075
Groove Dimension	26.00 x 18.00 x 7.50

26.00	
Part No	PPS 0260 0200 060
Groove Dimension	26.00 x 20.00 x 6.00

25.00	
Part No	PPS 0250 0130 100
Groove Dimension	25.00 x 13.00 x 10.00

25.00	
Part No	PPS 0250 0160 090
Groove Dimension	25.00 x 16.00 x 9.00

25.00	
Part No	PPS 0250 0170 065
Groove Dimension	25.00 x 17.00 x 6.50

25.00	
Part No	PPS 0250 0180 070
Groove Dimension	25.00 x 18.00 x 7.00

25.40	
Part No	PPS 0254 0159 070
Groove Dimension	25.40 x 15.90 x 7.00

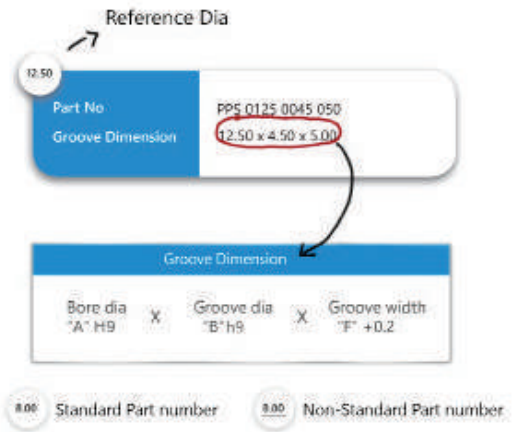
26.00	
Part No	PPS 0260 0180 045
Groove Dimension	26.00 x 18.00 x 4.50

26.00	
Part No	PPS 0260 0200 038
Groove Dimension	26.00 x 20.00 x 3.80

27.00	Part No	PPS 0270 0150 070
	Groove Dimension	27.00 x 15.00 x 7.00
28.00	Part No	PPS 0280 0180 055
	Groove Dimension	28.00 x 18.00 x 5.50
28.00	Part No	PPS 0280 0200 055
	Groove Dimension	28.00 x 20.00 x 5.50
28.00	Part No	PPS 0280 0220 090
	Groove Dimension	28.00 x 22.00 x 9.00
30.00	Part No	PPS 0300 0180 065
	Groove Dimension	30.00 x 18.00 x 6.50
30.00	Part No	PPS 0300 0200 090
	Groove Dimension	30.00 x 20.00 x 9.00
30.00	Part No	PPS 0300 0220 045
	Groove Dimension	30.00 x 22.00 x 4.50

27.00	Part No	PPS 0270 0150 100
	Groove Dimension	27.00 x 15.00 x 10.00
28.00	Part No	PPS 0280 0180 063
	Groove Dimension	28.00 x 18.00 x 6.30
28.00	Part No	PPS 0280 0200 090
	Groove Dimension	28.00 x 20.00 x 9.00
28.00	Part No	PPS 0280 0220 050
	Groove Dimension	28.00 x 22.00 x 5.00
30.00	Part No	PPS 0300 0180 090
	Groove Dimension	30.00 x 18.00 x 9.00
30.00	Part No	PPS 0300 0200 080
	Groove Dimension	30.00 x 20.00 x 8.00
30.00	Part No	PPS 0300 0220 070
	Groove Dimension	30.00 x 22.00 x 7.00

27.00	Part No	PPS 0270 0170 075
	Groove Dimension	27.00 x 17.00 x 7.50
28.00	Part No	PPS 0280 0200 050
	Groove Dimension	28.00 x 20.00 x 5.00
28.00	Part No	PPS 0280 0200 080
	Groove Dimension	28.00 x 20.00 x 8.00
30.00	Part No	PPS 0300 0150 080
	Groove Dimension	30.00 x 15.00 x 8.00
30.00	Part No	PPS 0300 0200 055
	Groove Dimension	30.00 x 20.00 x 5.50
30.00	Part No	PPS 0300 0220 075
	Groove Dimension	30.00 x 22.00 x 7.50
30.00	Part No	PPS 0300 0220 110
	Groove Dimension	30.00 x 22.00 x 11.00



32.00
Part No PPS 0320 0240 075
Groove Dimension 32.00 x 24.00 x 7.50

32.00
Part No PPS 0320 0240 080
Groove Dimension 32.00 x 24.00 x 8.00

33.00
Part No PPS 0330 0250 045
Groove Dimension 33.00 x 25.00 x 4.50

34.00
Part No PPS 0340 0240 055
Groove Dimension 34.00 x 24.00 x 5.50

30.00
Part No PPS 0300 0225 055
Groove Dimension 30.00 x 22.50 x 5.50

32.00
Part No PPS 0320 0160 090
Groove Dimension 32.00 x 16.00 x 9.00

32.00
Part No PPS 0320 0200 065
Groove Dimension 32.00 x 20.00 x 6.50

32.00
Part No PPS 0320 0240 045
Groove Dimension 32.00 x 24.00 x 4.50

33.00
Part No PPS 0330 0230 080
Groove Dimension 33.00 x 23.00 x 8.00

33.00
Part No PPS 0330 0250 055
Groove Dimension 33.00 x 25.00 x 5.50

34.00
Part No PPS 0340 0260 045
Groove Dimension 34.00 x 26.00 x 4.50

30.00
Part No PPS 0300 0230 075
Groove Dimension 30.00 x 23.00 x 7.50

32.00
Part No PPS 0320 0200 100
Groove Dimension 32.00 x 20.00 x 10.00

32.00
Part No PPS 0320 0220 055
Groove Dimension 32.00 x 22.00 x 5.50

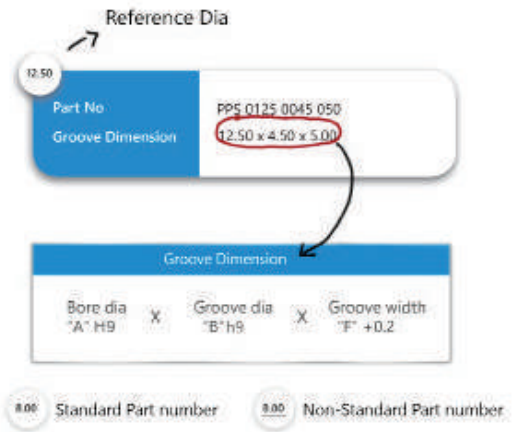
32.00
Part No PPS 0320 0240 065
Groove Dimension 32.00 x 24.00 x 6.50

33.00
Part No PPS 0330 0250 075
Groove Dimension 33.00 x 25.00 x 7.50

34.00
Part No PPS 0340 0220 065
Groove Dimension 34.00 x 22.00 x 6.50

35.00
Part No PPS 0350 0150 110
Groove Dimension 35.00 x 15.00 x 11.00

35.00	Part No	PPS 0350 0200 130
	Groove Dimension	35.00 x 20.00 x 13.00
35.00	Part No	PPS 0350 0200 100
	Groove Dimension	35.00 x 20.00 x 10.00
35.00	Part No	PPS 0350 0220 060
	Groove Dimension	35.00 x 22.00 x 6.00
35.00	Part No	PPS 0350 0230 065
	Groove Dimension	35.00 x 23.00 x 6.50
35.00	Part No	PPS 0350 0250 080
	Groove Dimension	35.00 x 25.00 x 8.00
35.00	Part No	PPS 0350 0270 065
	Groove Dimension	35.00 x 27.00 x 6.50
35.00	Part No	PPS 0350 0280 055
	Groove Dimension	35.00 x 28.00 x 5.50
36.00	Part No	PPS 0360 0220 110
	Groove Dimension	36.00 x 22.00 x 11.00
36.00	Part No	PPS 0360 0240 065
	Groove Dimension	36.00 x 24.00 x 6.50
36.00	Part No	PPS 0360 0240 100
	Groove Dimension	36.00 x 24.00 x 10.00
36.00	Part No	PPS 0360 0260 080
	Groove Dimension	36.00 x 26.00 x 8.00
36.00	Part No	PPS 0360 0280 075
	Groove Dimension	36.00 x 28.00 x 7.50
36.00	Part No	PPS 0360 0300 045
	Groove Dimension	36.00 x 30.00 x 4.50
37.00	Part No	PPS 0370 0250 065
	Groove Dimension	37.00 x 25.00 x 6.50
37.00	Part No	PPS 0370 0250 100
	Groove Dimension	37.00 x 25.00 x 10.00
37.00	Part No	PPS 0370 0290 045
	Groove Dimension	37.00 x 29.00 x 4.50
37.00	Part No	PPS 0370 0300 070
	Groove Dimension	37.00 x 30.00 x 7.00
38.00	Part No	PPS 0380 0180 110
	Groove Dimension	38.00 x 18.00 x 11.00
38.00	Part No	PPS 0380 0260 065
	Groove Dimension	38.00 x 26.00 x 6.50
38.00	Part No	PPS 0380 0300 080
	Groove Dimension	38.00 x 30.00 x 8.00
38.00	Part No	PPS 0380 0300 045
	Groove Dimension	38.00 x 30.00 x 4.50



40.00	
Part No	PPS 0400 0250 080
Groove Dimension	40.00 x 25.00 x 8.00

40.00	
Part No	PPS 0400 0300 080
Groove Dimension	40.00 x 30.00 x 8.00

41.30	
Part No	PPS 0413 0286 090
Groove Dimension	41.30 x 28.60 x 9.00

42.00	
Part No	PPS 0420 0320 080
Groove Dimension	42.00 x 32.00 x 8.00

38.00	
Part No	PPS 0380 0300 065
Groove Dimension	38.00 x 30.00 x 6.50

39.00	
Part No	PPS 0390 0200 110
Groove Dimension	39.00 x 20.00 x 11.00

40.00	
Part No	PPS 0400 0200 130
Groove Dimension	40.00 x 20.00 x 13.00

40.00	
Part No	PPS 0400 0280 065
Groove Dimension	40.00 x 28.00 x 6.50

40.00	
Part No	PPS 0400 0300 090
Groove Dimension	40.00 x 30.00 x 9.00

42.00	
Part No	PPS 0420 0300 065
Groove Dimension	42.00 x 30.00 x 6.50

42.00	
Part No	PPS 0420 0340 065
Groove Dimension	42.00 x 34.00 x 6.50

38.10	
Part No	PPS 0381 0250 070
Groove Dimension	38.10 x 25.00 x 7.00

40.00	
Part No	PPS 0400 0200 120
Groove Dimension	40.00 x 20.00 x 12.00

40.00	
Part No	PPS 0400 0240 090
Groove Dimension	40.00 x 24.00 x 9.00

40.00	
Part No	PPS 0400 0300 110
Groove Dimension	40.00 x 30.00 x 11.00

40.00	
Part No	PPS 0400 0320 045
Groove Dimension	40.00 x 32.00 x 4.50

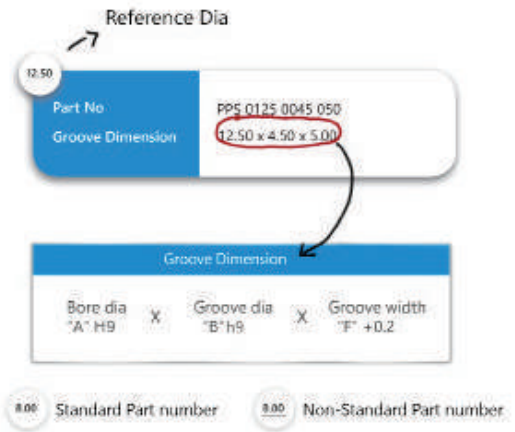
42.00	
Part No	PPS 0420 0320 055
Groove Dimension	42.00 x 32.00 x 5.50

43.00	
Part No	PPS 0430 0330 055
Groove Dimension	43.00 x 33.00 x 5.50

43.00	Part No	PPS 0430 0350 090
	Groove Dimension	43.00 x 35.00 x 9.00
44.00	Part No	PPS 0440 0340 080
	Groove Dimension	44.00 x 34.00 x 8.00
45.00	Part No	PPS 0450 0330 065
	Groove Dimension	45.00 x 33.00 x 6.50
45.00	Part No	PPS 0450 0370 065
	Groove Dimension	45.00 x 37.00 x 6.50
46.00	Part No	PPS 0460 0380 065
	Groove Dimension	46.00 x 38.00 x 6.50
48.00	Part No	PPS 0480 0360 090
	Groove Dimension	48.00 x 36.00 x 9.00
48.00	Part No	PPS 0480 0400 065
	Groove Dimension	48.00 x 40.00 x 6.50

44.00	Part No	PPS 0440 0320 065
	Groove Dimension	44.00 x 32.00 x 6.50
45.00	Part No	PPS 0450 0250 110
	Groove Dimension	45.00 x 25.00 x 11.00
45.00	Part No	PPS 0450 0350 055
	Groove Dimension	45.00 x 35.00 x 5.50
45.00	Part No	PPS 0450 0380 055
	Groove Dimension	45.00 x 38.00 x 5.50
47.00	Part No	PPS 0470 0350 100
	Groove Dimension	47.00 x 35.00 x 10.00
48.00	Part No	PPS 0480 0360 065
	Groove Dimension	48.00 x 36.00 x 6.50
48.00	Part No	PPS 0480 0400 120
	Groove Dimension	48.00 x 40.00 x 12.00

44.00	Part No	PPS 0440 0320 100
	Groove Dimension	44.00 x 32.00 x 10.00
45.00	Part No	PPS 0450 0300 100
	Groove Dimension	45.00 x 30.00 x 10.00
45.00	Part No	PPS 0450 0355 075
	Groove Dimension	45.00 x 35.50 x 7.50
46.00	Part No	PPS 0460 0360 055
	Groove Dimension	46.00 x 36.00 x 5.50
48.00	Part No	PPS 0480 0320 110
	Groove Dimension	48.00 x 32.00 x 11.00
48.00	Part No	PPS 0480 0380 055
	Groove Dimension	48.00 x 38.00 x 5.50
48.00	Part No	PPS 0480 0400 090
	Groove Dimension	48.00 x 40.00 x 9.00



50.00
Part No PPS 0500 0380 120
Groove Dimension 50.00 x 38.00 x 12.00

50.80
Part No PPS 0508 0408 077
Groove Dimension 50.80 x 40.80 x 7.70

52.00
Part No PPS 0520 0320 110
Groove Dimension 52.00 x 32.00 x 11.00

52.00
Part No PPS 0520 0400 065
Groove Dimension 52.00 x 40.00 x 6.50

48.00
Part No PPS 0480 0400 070
Groove Dimension 48.00 x 40.00 x 7.00

50.00
Part No PPS 0500 0340 150
Groove Dimension 50.00 x 34.00 x 15.00

50.00
Part No PPS 0500 0380 065
Groove Dimension 50.00 x 38.00 x 6.50

50.00
Part No PPS 0500 0400 070
Groove Dimension 50.00 x 40.00 x 7.00

50.80
Part No PPS 0508 0413 060
Groove Dimension 50.80 x 41.30 x 6.00

52.00
Part No PPS 0520 0360 130
Groove Dimension 52.00 x 36.00 x 13.00

52.00
Part No PPS 0520 0400 110
Groove Dimension 52.00 x 40.00 x 11.00

50.00
Part No PPS 0500 0320 130
Groove Dimension 50.00 x 32.00 x 13.00

50.00
Part No PPS 0500 0350 080
Groove Dimension 50.00 x 35.00 x 8.00

50.00
Part No PPS 0500 0380 100
Groove Dimension 50.00 x 38.00 x 10.00

50.00
Part No PPS 0500 0440 095
Groove Dimension 50.00 x 44.00 x 9.50

51.00
Part No PPS 0510 0360 110
Groove Dimension 51.00 x 36.00 x 11.00

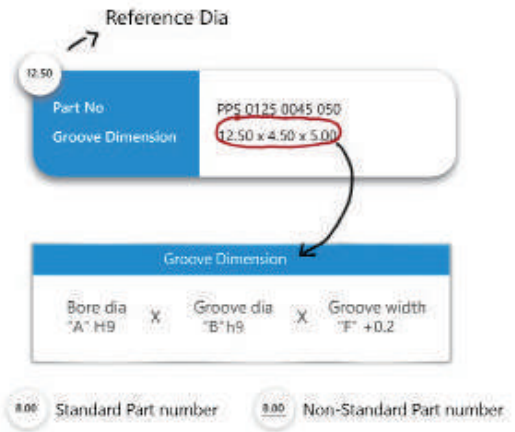
52.00
Part No PPS 0520 0400 090
Groove Dimension 52.00 x 40.00 x 9.00

52.00
Part No PPS 0520 0420 055
Groove Dimension 52.00 x 42.00 x 5.50

52.00	Part No	PPS 0520 0420 100
	Groove Dimension	52.00 x 42.00 x 10.00
53.00	Part No	PPS 0530 0450 110
	Groove Dimension	53.00 x 45.00 x 11.00
54.00	Part No	PPS 0540 0440 055
	Groove Dimension	54.00 x 44.00 x 5.50
55.00	Part No	PPS 0550 0400 110
	Groove Dimension	55.00 x 40.00 x 11.00
55.00	Part No	PPS 0550 0450 130
	Groove Dimension	55.00 x 45.00 x 13.00
56.00	Part No	PPS 0560 0440 065
	Groove Dimension	56.00 x 44.00 x 6.50
58.00	Part No	PPS 0580 0380 110
	Groove Dimension	58.00 x 38.00 x 11.00

53.00	Part No	PPS 0530 0380 090
	Groove Dimension	53.00 x 38.00 x 9.00
53.00	Part No	PPS 0530 0450 130
	Groove Dimension	53.00 x 45.00 x 13.00
54.00	Part No	PPS 0540 0440 080
	Groove Dimension	54.00 x 44.00 x 8.00
55.00	Part No	PPS 0550 0400 080
	Groove Dimension	55.00 x 40.00 x 8.50
55.00	Part No	PPS 0550 0450 070
	Groove Dimension	55.00 x 45.00 x 7.00
56.00	Part No	PPS 0560 0460 055
	Groove Dimension	56.00 x 46.00 x 5.50
58.00	Part No	PPS 0580 0450 110
	Groove Dimension	58.00 x 45.00 x 11.00

53.00	Part No	PPS 0530 0430 080
	Groove Dimension	53.00 x 43.00 x 8.00
54.00	Part No	PPS 0540 0420 065
	Groove Dimension	54.00 x 42.00 x 6.50
55.00	Part No	PPS 0550 0350 130
	Groove Dimension	55.00 x 35.50 x 13.00
55.00	Part No	PPS 0550 0450 090
	Groove Dimension	55.00 x 45.00 x 9.00
56.00	Part No	PPS 0560 0400 110
	Groove Dimension	56.00 x 40.00 x 11.00
56.00	Part No	PPS 0560 0460 080
	Groove Dimension	56.00 x 46.00 x 8.00
58.00	Part No	PPS 0580 0460 065
	Groove Dimension	58.00 x 46.00 x 6.50



60.00
Part No PPS 0600 0480 065
Groove Dimension 60.00 x 48.00 x 6.50

60.00
Part No PPS 0600 0500 055
Groove Dimension 60.00 x 50.00 x 5.50

62.00
Part No PPS 0620 0520 130
Groove Dimension 62.00 x 52.00 x 13.00

63.00
Part No PPS 0630 0510 100
Groove Dimension 63.00 x 51.00 x 10.00

58.00
Part No PPS 0580 0500 055
Groove Dimension 58.00 x 50.00 x 5.50

60.00
Part No PPS 0600 0400 190
Groove Dimension 60.00 x 40.00 x 19.00

60.00
Part No PPS 0600 0450 080
Groove Dimension 60.00 x 45.00 x 8.00

60.00
Part No PPS 0600 0480 100
Groove Dimension 60.00 x 48.00 x 10.00

60.00
Part No PPS 0600 0500 090
Groove Dimension 60.00 x 50.00 x 9.00

63.00
Part No PPS 0630 0480 110
Groove Dimension 63.00 x 48.00 x 11.00

63.00
Part No PPS 0630 0530 055
Groove Dimension 63.00 x 53.00 x 5.50

60.00
Part No PPS 0600 0350 130
Groove Dimension 60.00 x 35.00 x 13.00

60.00
Part No PPS 0600 0400 130
Groove Dimension 60.00 x 40.00 x 13.00

60.00
Part No PPS 0600 0450 130
Groove Dimension 60.00 x 45.00 x 13.00

60.00
Part No PPS 0600 0500 120
Groove Dimension 60.00 x 50.00 x 12.00

60.00
Part No PPS 0600 0520 065
Groove Dimension 60.00 x 52.00 x 6.50

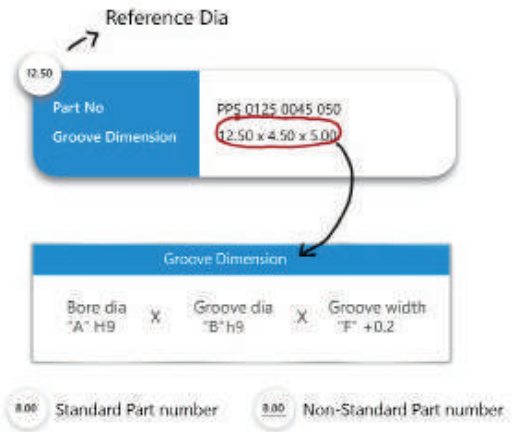
63.00
Part No PPS 0630 0510 065
Groove Dimension 63.00 x 51.00 x 6.50

63.00
Part No PPS 0630 0530 080
Groove Dimension 63.00 x 53.00 x 8.00

63.00	
Part No	PPS 0630 0530 130
Groove Dimension	63.00 x 53.00 x 13.00
65.00	
Part No	PPS 0650 0400 130
Groove Dimension	65.00 x 40.00 x 13.00
65.00	
Part No	PPS 0650 0550 130
Groove Dimension	65.00 x 55.00 x 13.00
66.00	
Part No	PPS 0660 0560 110
Groove Dimension	66.00 x 56.00 x 11.00
70.00	
Part No	PPS 0700 0370 110
Groove Dimension	70.00 x 37.00 x 11.00
70.00	
Part No	PPS 0700 0500 160
Groove Dimension	70.00 x 50.00 x 16.00
70.00	
Part No	PPS 0700 0550 110
Groove Dimension	70.00 x 55.00 x 11.00

64.00	
Part No	PPS 0640 0463 095
Groove Dimension	64.00 x 46.30 x 9.50
65.00	
Part No	PPS 0650 0500 080
Groove Dimension	65.00 x 50.00 x 8.00
65.00	
Part No	PPS 0650 0550 055
Groove Dimension	65.00 x 55.00 x 5.50
66.00	
Part No	PPS 0660 0560 120
Groove Dimension	66.00 x 56.00 x 12.00
70.00	
Part No	PPS 0700 0400 160
Groove Dimension	70.00 x 40.00 x 16.00
70.00	
Part No	PPS 0700 0500 190
Groove Dimension	70.00 x 50.00 x 19.00
70.00	
Part No	PPS 0700 0550 080
Groove Dimension	70.00 x 55.00 x 8.00

64.00	
Part No	PPS 0640 0520 065
Groove Dimension	64.00 x 52.00 x 6.50
65.00	
Part No	PPS 0650 0530 065
Groove Dimension	65.00 x 53.00 x 6.50
66.00	
Part No	PPS 0660 0560 080
Groove Dimension	66.00 x 56.00 x 8.00
68.00	
Part No	PPS 0680 0500 110
Groove Dimension	68.00 x 50.00 x 11.00
70.00	
Part No	PPS 0700 0450 130
Groove Dimension	70.00 x 45.00 x 13.00
70.00	
Part No	PPS 0700 0540 130
Groove Dimension	70.00 x 54.00 x 13.00
70.00	
Part No	PPS 0700 0550 120
Groove Dimension	70.00 x 55.00 x 12.00



73.00

Part No	PPS 0730 0630 110
Groove Dimension	73.00 x 63.00 x 11.00

75.00

Part No	PPS 0750 0500 130
Groove Dimension	75.00 x 50.00 x 13.00

75.00

Part No	PPS 0750 0630 130
Groove Dimension	75.00 x 63.00 x 13.00

75.00

Part No	PPS 0750 0650 110
Groove Dimension	75.00 x 65.00 x 11.00

72.00

Part No	PPS 0720 0500 130
Groove Dimension	72.00 x 50.00 x 13.00

72.00

Part No	PPS 0720 0620 120
Groove Dimension	72.00 x 62.00 x 12.00

73.00

Part No	PPS 0730 0630 055
Groove Dimension	73.00 x 63.00 x 5.50

74.00

Part No	PPS 0740 0340 110
Groove Dimension	74.00 x 34.00 x 11.00

75.00

Part No	PPS 0750 0550 110
Groove Dimension	75.00 x 55.00 x 11.00

75.00

Part No	PPS 0750 0630 100
Groove Dimension	75.00 x 63.00 x 10.00

75.00

Part No	PPS 0750 0650 100
Groove Dimension	75.00 x 65.00 x 10.00

72.00

Part No	PPS 0720 0520 130
Groove Dimension	72.00 x 52.00 x 13.00

73.00

Part No	PPS 0730 0570 120
Groove Dimension	73.00 x 57.00 x 12.00

73.00

Part No	PPS 0730 0630 080
Groove Dimension	73.00 x 63.00 x 8.00

75.00

Part No	PPS 0750 0400 110
Groove Dimension	75.00 x 40.00 x 11.00

75.00

Part No	PPS 0750 0600 080
Groove Dimension	75.00 x 60.00 x 8.00

75.00

Part No	PPS 0750 0650 055
Groove Dimension	75.00 x 65.00 x 5.50

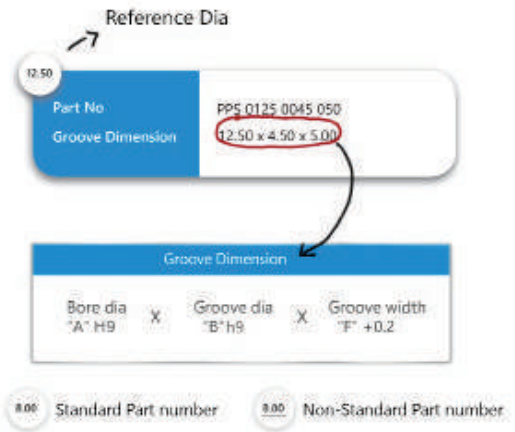
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Part No	PPS 0750 0650 080
Groove Dimension	75.00 x 65.00 x 8.00

76.00	Part No	PPS 0760 0560 130
	Groove Dimension	76.00 x 56.00 x 13.00
77.00	Part No	PPS 0770 0670 130
	Groove Dimension	77.00 x 67.00 x 13.00
80.00	Part No	PPS 0800 0550 130
	Groove Dimension	80.00 x 55.00 x 13.00
80.00	Part No	PPS 0800 0600 160
	Groove Dimension	80.00 x 60.00 x 16.00
80.00	Part No	PPS 0800 0650 080
	Groove Dimension	80.00 x 65.00 x 8.00
80.00	Part No	PPS 0800 0660 140
	Groove Dimension	80.00 x 66.00 x 14.00
83.00	Part No	PPS 0830 0630 160
	Groove Dimension	83.00 x 63.00 x 16.00

76.00	Part No	PPS 0760 0600 130
	Groove Dimension	76.00 x 60.00 x 13.00
78.00	Part No	PPS 0780 0630 110
	Groove Dimension	78.00 x 63.00 x 11.00
80.00	Part No	PPS 0800 0550 150
	Groove Dimension	80.00 x 55.00 x 15.00
80.00	Part No	PPS 0800 0600 190
	Groove Dimension	80.00 x 60.00 x 19.00
80.00	Part No	PPS 0800 0650 120
	Groove Dimension	80.00 x 65.00 x 12.00
80.00	Part No	PPS 0800 0700 080
	Groove Dimension	80.00 x 70.00 x 8.00
83.00	Part No	PPS 0830 0630 130
	Groove Dimension	83.00 x 63.00 x 13.00

76.00	Part No	PPS 0760 0660 090
	Groove Dimension	76.00 x 66.00 x 9.00
80.00	Part No	PPS 0800 0500 110
	Groove Dimension	80.00 x 50.00 x 11.00
80.00	Part No	PPS 0800 0550 110
	Groove Dimension	80.00 x 55.00 x 11.00
80.00	Part No	PPS 0800 0640 130
	Groove Dimension	80.00 x 64.00 x 13.00
80.00	Part No	PPS 0800 0660 110
	Groove Dimension	80.00 x 66.00 x 11.00
82.00	Part No	PPS 0820 0700 100
	Groove Dimension	82.00 x 70.00 x 10.00
85.00	Part No	PPS 0850 0550 160
	Groove Dimension	85.00 x 55.00 x 16.00



85.00
Part No PPS 0850 0730 100
Groove Dimension 85.00 x 73.00 x 10.00

85.00
Part No PPS 0850 0750 080
Groove Dimension 85.00 x 75.00 x 8.00

90.00
Part No PPS 0900 0700 160
Groove Dimension 90.00 x 70.00 x 16.00

90.00
Part No PPS 0900 0800 080
Groove Dimension 90.00 x 80.00 x 8.00

85.00
Part No PPS 0850 0600 135
Groove Dimension 85.00 x 60.00 x 13.50

85.00
Part No PPS 0850 0650 110
Groove Dimension 85.00 x 65.00 x 11.00

85.00
Part No PPS 0850 0700 110
Groove Dimension 85.00 x 70.00 x 11.00

85.00
Part No PPS 0850 0750 055
Groove Dimension 85.00 x 75.00 x 5.50

90.00
Part No PPS 0900 0600 160
Groove Dimension 90.00 x 60.00 x 16.00

90.00
Part No PPS 0900 0700 190
Groove Dimension 90.00 x 70.00 x 19.00

91.00
Part No PPS 0910 0750 130
Groove Dimension 91.00 x 75.00 x 13.00

85.00
Part No PPS 0850 0600 110
Groove Dimension 85.00 x 60.00 x 11.00

85.00
Part No PPS 0850 0650 160
Groove Dimension 85.00 x 65.00 x 16.00

85.00
Part No PPS 0850 0700 130
Groove Dimension 85.00 x 70.00 x 13.00

85.00
Part No PPS 0850 0750 110
Groove Dimension 85.00 x 75.00 x 11.00

90.00
Part No PPS 0900 0700 110
Groove Dimension 90.00 x 70.00 x 11.00

90.00
Part No PPS 0900 0740 130
Groove Dimension 90.00 x 74.00 x 13.00

92.00
Part No PPS 0920 0760 130
Groove Dimension 92.00 x 76.00 x 13.00

92.00

Part No	PPS 0920 0820 110
Groove Dimension	92.00 x 82.00 x 11.00

95.00

Part No	PPS 0950 0700 110
Groove Dimension	95.00 x 70.00 x 11.00

95.00

Part No	PPS 0950 0800 080
Groove Dimension	95.00 x 80.00 x 8.00

95.00

Part No	PPS 0950 0850 055
Groove Dimension	95.00 x 85.00 x 5.50

100.00

Part No	PPS 1000 0750 200
Groove Dimension	100.00 x 75.00 x 20.00

100.00

Part No	PPS 1000 0850 080
Groove Dimension	100.00 x 85.00 x 8.00

100.00

Part No	PPS 1000 0900 110
Groove Dimension	100.00 x 90.00 x 11.00

93.00

Part No	PPS 0930 0780 115
Groove Dimension	93.00 x 78.00 x 11.50

95.00

Part No	PPS 0950 0750 145
Groove Dimension	95.00 x 75.00 x 14.50

95.00

Part No	PPS 0950 0800 110
Groove Dimension	95.00 x 80.00 x 11.00

100.00

Part No	PPS 1000 0700 160
Groove Dimension	100.00 x 70.00 x 16.00

100.00

Part No	PPS 1000 0800 110
Groove Dimension	100.00 x 80.00 x 11.00

100.00

Part No	PPS 1000 0850 120
Groove Dimension	100.00 x 85.00 x 12.00

100.00

Part No	PPS 1000 0900 055
Groove Dimension	100.00 x 90.00 x 5.50

95.00

Part No	PPS 0950 0700 130
Groove Dimension	95.00 x 70.00 x 13.00

95.00

Part No	PPS 0950 0750 110
Groove Dimension	95.00 x 75.00 x 11.00

95.00

Part No	PPS 0950 0830 100
Groove Dimension	95.00 x 83.00 x 10.00

100.00

Part No	PPS 1000 0750 130
Groove Dimension	100.00 x 75.00 x 13.00

100.00

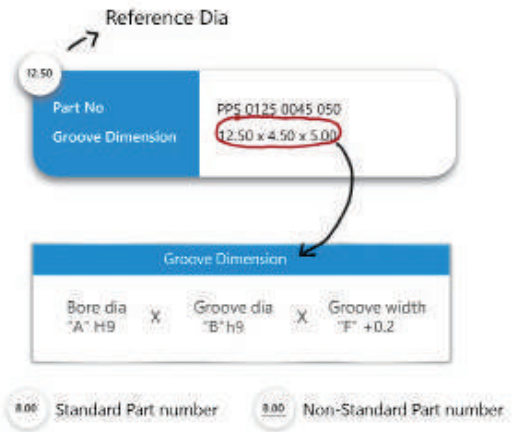
Part No	PPS 1000 0800 160
Groove Dimension	100.00 x 80.00 x 16.00

100.00

Part No	PPS 1000 0880 100
Groove Dimension	100.00 x 88.00 x 10.00

100.00

Part No	PPS 1000 0900 080
Groove Dimension	100.00 x 90.00 x 8.00



105.00

Part No	PPS 1050 0950 055
Groove Dimension	105.00 x 95.00 x 5.50

110.00

Part No	PPS 1100 0800 160
Groove Dimension	110.00 x 80.00 x 16.00

110.00

Part No	PPS 1100 0900 160
Groove Dimension	110.00 x 90.00 x 16.00

110.00

Part No	PPS 1100 0950 160
Groove Dimension	110.00 x 95.00 x 16.00

101.00

Part No	PPS 1010 0850 130
Groove Dimension	101.00 x 85.00 x 13.00

105.00

Part No	PPS 1050 0800 130
Groove Dimension	105.00 x 80.00 x 13.00

105.00

Part No	PPS 1050 0850 190
Groove Dimension	105.00 x 85.00 x 19.00

107.00

Part No	PPS 1070 0950 100
Groove Dimension	107.00 x 95.00 x 10.00

110.00

Part No	PPS 1100 0850 130
Groove Dimension	110.00 x 85.00 x 13.00

110.00

Part No	PPS 1100 0900 190
Groove Dimension	110.00 x 90.00 x 19.00

110.00

Part No	PPS 1100 1000 055
Groove Dimension	110.00 x 100.00 x 5.50

101.00

Part No	PPS 1010 0860 130
Groove Dimension	101.00 x 86.00 x 13.00

105.00

Part No	PPS 1050 0800 230
Groove Dimension	105.00 x 80.00 x 23.00

105.00

Part No	PPS 1050 0900 080
Groove Dimension	105.00 x 90.00 x 8.00

109.00

Part No	PPS 1090 0990 150
Groove Dimension	109.00 x 99.00 x 15.00

110.00

Part No	PPS 1100 0900 110
Groove Dimension	110.00 x 90.00 x 11.00

110.00

Part No	PPS 1100 0940 130
Groove Dimension	110.00 x 94.00 x 13.00

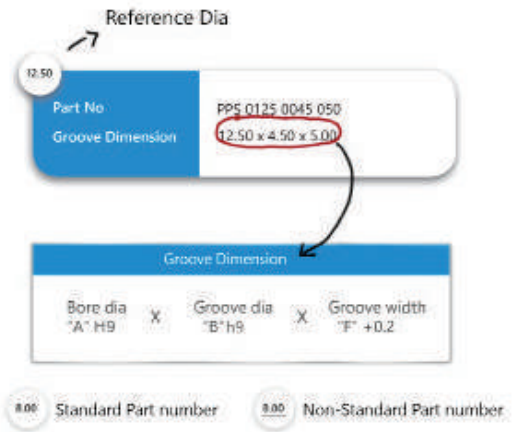
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Part No	PPS 1120 0950 120
Groove Dimension	112.00 x 95.00 x 12.00

112.00	Part No	PPS 1120 1000 100
	Groove Dimension	112.00 x 100.00 x 10.00
115.00	Part No	PPS 1150 0850 160
	Groove Dimension	115.00 x 85.00 x 16.00
115.00	Part No	PPS 1150 0900 230
	Groove Dimension	115.00 x 90.00 x 23.00
115.00	Part No	PPS 1150 0990 130
	Groove Dimension	115.00 x 99.00 x 13.00
117.00	Part No	PPS 1170 1050 100
	Groove Dimension	117.00 x 105.00 x 10.00
120.00	Part No	PPS 1200 1000 110
	Groove Dimension	120.00 x 100.00 x 11.00
120.00	Part No	PPS 1200 1050 120
	Groove Dimension	120.00 x 105.00 x 12.00

112.00	Part No	PPS 1120 1020 120
	Groove Dimension	112.00 x 102.00 x 12.00
115.00	Part No	PPS 1150 0900 130
	Groove Dimension	115.00 x 90.00 x 13.00
115.00	Part No	PPS 1150 0950 160
	Groove Dimension	115.00 x 95.00 x 16.00
115.00	Part No	PPS 1150 1000 160
	Groove Dimension	115.00 x 100.00 x 16.00
120.00	Part No	PPS 1200 0900 160
	Groove Dimension	120.00 x 90.00 x 16.00
120.00	Part No	PPS 1200 1000 160
	Groove Dimension	120.00 x 100.00 x 16.00
120.00	Part No	PPS 1200 1050 090
	Groove Dimension	120.00 x 105.00 x 9.00

114.30	Part No	PPS 1143 0889 150
	Groove Dimension	114.30 x 88.90 x 15.00
115.00	Part No	PPS 1150 0900 160
	Groove Dimension	115.00 x 90.00 x 16.00
115.00	Part No	PPS 1150 0950 190
	Groove Dimension	115.00 x 95.00 x 19.00
115.00	Part No	PPS 1150 1030 100
	Groove Dimension	115.00 x 103.00 x 10.00
120.00	Part No	PPS 1200 0950 200
	Groove Dimension	120.00 x 95.00 x 20.00
120.00	Part No	PPS 1200 1000 190
	Groove Dimension	120.00 x 100.00 x 19.00
121.00	Part No	PPS 1210 1110 065
	Groove Dimension	121.00 x 111.00 x 6.50



130.00
Part No PPS 1300 1050 130
Groove Dimension 130.00 x 105.00 x 13.00

130.00
Part No PPS 1300 1100 190
Groove Dimension 130.00 x 110.00 x 19.00

130.00
Part No PPS 1300 1150 160
Groove Dimension 130.00 x 115.00 x 16.00

130.00
Part No PPS 1300 1200 150
Groove Dimension 130.00 x 120.00 x 15.00

125.00
Part No PPS 1250 1000 200
Groove Dimension 125.00 x 100.00 x 20.00

125.00
Part No PPS 1250 1130 105
Groove Dimension 125.00 x 113.00 x 10.50

130.00
Part No PPS 1300 1000 130
Groove Dimension 130.00 x 100.00 x 13.00

130.00
Part No PPS 1300 1100 130
Groove Dimension 130.00 x 110.00 x 13.00

130.00
Part No PPS 1300 1150 080
Groove Dimension 130.00 x 115.00 x 8.00

130.00
Part No PPS 1300 1150 110
Groove Dimension 130.00 x 115.00 x 11.00

135.00
Part No PPS 1350 1100 160
Groove Dimension 135.00 x 110.00 x 16.00

125.00
Part No PPS 1250 1050 110
Groove Dimension 125.00 x 105.00 x 11.00

127.00
Part No PPS 1270 1120 120
Groove Dimension 127.00 x 112.00 x 12.00

130.00
Part No PPS 1300 1000 160
Groove Dimension 130.00 x 100.00 x 16.00

130.00
Part No PPS 1300 1100 110
Groove Dimension 130.00 x 110.00 x 11.00

130.00
Part No PPS 1300 1150 120
Groove Dimension 130.00 x 115.00 x 12.00

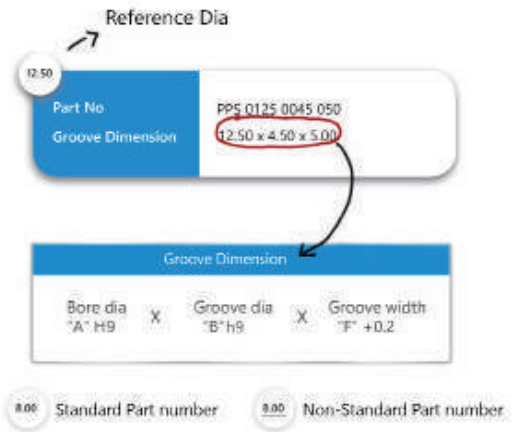
130.00
Part No PPS 1300 1180 110
Groove Dimension 130.00 x 118.00 x 11.00

135.00
Part No PPS 1350 1200 160
Groove Dimension 135.00 x 120.00 x 16.00

135.00	Part No	PPS 1350 1230 100
	Groove Dimension	135.00 x 123.00 x 10.00
140.00	Part No	PPS 1400 1150 160
	Groove Dimension	140.00 x 115.00 x 16.00
140.00	Part No	PPS 1400 1200 110
	Groove Dimension	140.00 x 120.00 x 11.00
145.00	Part No	PPS 1450 1250 130
	Groove Dimension	145.00 x 125.00 x 13.00
145.00	Part No	PPS 1450 1330 100
	Groove Dimension	145.00 x 133.00 x 10.00
155.00	Part No	PPS 1550 1250 160
	Groove Dimension	155.00 x 125.00 x 16.00
160.00	Part No	PPS 1600 1300 230
	Groove Dimension	160.00 x 130.00 x 23.00

137.00	Part No	PPS 1370 1250 100
	Groove Dimension	137.00 x 125.00 x 10.00
140.00	Part No	PPS 1400 1150 230
	Groove Dimension	140.00 x 115.00 x 23.00
145.00	Part No	PPS 1450 1200 200
	Groove Dimension	145.00 x 120.00 x 20.00
145.00	Part No	PPS 1450 1300 120
	Groove Dimension	145.00 x 130.00 x 12.00
150.00	Part No	PPS 1500 1350 160
	Groove Dimension	150.00 x 135.00 x 16.00
155.00	Part No	PPS 1550 1300 200
	Groove Dimension	155.00 x 130.00 x 20.00
160.00	Part No	PPS 1600 1350 130
	Groove Dimension	160.00 x 135.00 x 13.00

140.00	Part No	PPS 1400 1100 160
	Groove Dimension	140.00 x 110.00 x 16.00
140.00	Part No	PPS 1400 1200 130
	Groove Dimension	140.00 x 120.00 x 13.00
145.00	Part No	PPS 1450 1250 190
	Groove Dimension	145.00 x 125.00 x 19.00
145.00	Part No	PPS 1450 1300 160
	Groove Dimension	145.00 x 130.00 x 16.00
150.00	Part No	PPS 1500 1380 100
	Groove Dimension	150.00 x 138.00 x 10.00
155.00	Part No	PPS 1550 1350 160
	Groove Dimension	155.00 x 135.00 x 16.00
160.00	Part No	PPS 1600 1350 160
	Groove Dimension	160.00 x 135.00 x 16.00



170.00	
Part No	PPS 1700 1500 100
Groove Dimension	170.00 x 150.00 x 10.00

170.00	
Part No	PPS 1700 1580 100
Groove Dimension	170.00 x 158.00 x 10.00

185.00	
Part No	PPS 1850 1650 160
Groove Dimension	185.00 x 165.00 x 16.00

200.00	
Part No	PPS 2000 1700 160
Groove Dimension	200.00 x 170.00 x 16.00

160.00	
Part No	PPS 1600 1400 110
Groove Dimension	160.00 x 140.00 x 11.00

165.00	
Part No	PPS 1650 1400 130
Groove Dimension	165.00 x 140.00 x 13.00

165.00	
Part No	PPS 1650 1500 120
Groove Dimension	165.00 x 150.00 x 12.00

170.00	
Part No	PPS 1700 1500 190
Groove Dimension	170.00 x 150.00 x 19.00

175.00	
Part No	PPS 1750 1600 120
Groove Dimension	175.00 x 160.00 x 12.00

185.00	
Part No	PPS 1850 1700 120
Groove Dimension	185.00 x 170.00 x 12.00

200.00	
Part No	PPS 2000 1700 190
Groove Dimension	200.00 x 170.00 x 19.00

160.00	
Part No	PPS 1600 1400 130
Groove Dimension	160.00 x 140.00 x 13.00

165.00	
Part No	PPS 1650 1400 160
Groove Dimension	165.00 x 140.00 x 16.00

170.00	
Part No	PPS 1700 1450 200
Groove Dimension	170.00 x 145.00 x 20.00

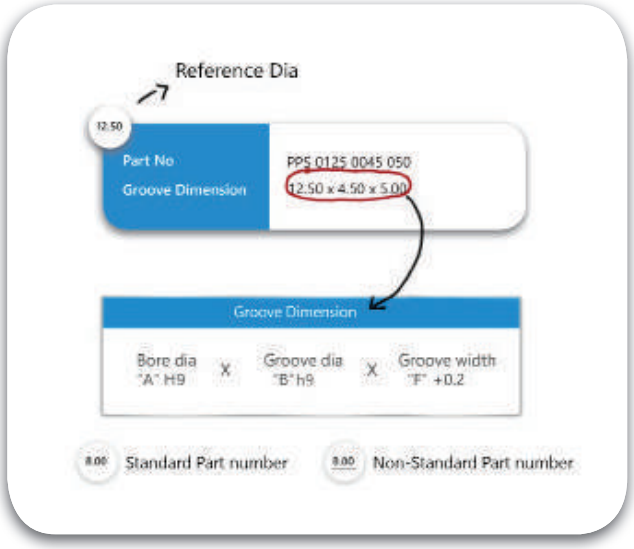
170.00	
Part No	PPS 1700 1550 120
Groove Dimension	170.00 x 155.00 x 12.00

180.00	
Part No	PPS 1800 1650 120
Groove Dimension	180.00 x 165.00 x 12.00

195.00	
Part No	PPS 1950 1800 120
Groove Dimension	195.00 x 180.00 x 12.00

200.00	
Part No	PPS 2000 1800 130
Groove Dimension	200.00 x 180.00 x 13.00

200.00	Part No	PPS 2000 1880 100
	Groove Dimension	200.00 x 188.00 x 10.00
210.00	Part No	PPS 2100 1850 130
	Groove Dimension	210.00 x 185.00 x 13.00
220.00	Part No	PPS 2200 1800 210
	Groove Dimension	220.00 x 180.00 x 21.00
220.00	Part No	PPS 2200 1900 230
	Groove Dimension	220.00 x 190.00 x 23.00
220.00	Part No	PPS 2200 2000 160
	Groove Dimension	20.00 x 200.00 x 16.00
240.00	Part No	PPS 2400 2100 180
	Groove Dimension	240.00 x 210.00 x 18.00
245.00	Part No	PPS 2450 2250 160
	Groove Dimension	245.00 x 225.00 x 16.00
245.00	Part No	PPS 2450 2300 120
	Groove Dimension	245.00 x 230.00 x 12.00
250.00	Part No	PPS 2500 2200 220
	Groove Dimension	250.00 x 220.00 x 22.00
250.00	Part No	PPS 2500 2200 160
	Groove Dimension	250.00 x 220.00 x 16.00
250.00	Part No	PPS 2500 2300 160
	Groove Dimension	250.00 x 230.00 x 16.00
270.00	Part No	PPS 2700 2400 230
	Groove Dimension	270.00 x 240.00 x 23.00
270.00	Part No	PPS 2700 2500 160
	Groove Dimension	270.00 x 250.00 x 16.00
280.00	Part No	PPS 2800 2500 190
	Groove Dimension	280.00 x 250.00 x 19.00
290.00	Part No	PPS 2900 2700 160
	Groove Dimension	290.00 x 270.00 x 16.00
290.00	Part No	PPS 2900 2700 180
	Groove Dimension	290.00 x 270.00 x 18.00
300.00	Part No	PPS 3000 2700 160
	Groove Dimension	300.00 x 270.00 x 16.00
300.00	Part No	PPS 3000 2800 160
	Groove Dimension	300.00 x 280.00 x 16.00
320.00	Part No	PPS 3200 2900 190
	Groove Dimension	320.00 x 290.00 x 19.00
320.00	Part No	PPS 3200 3000 160
	Groove Dimension	320.00 x 300.00 x 16.00
340.00	Part No	PPS 3400 3200 160
	Groove Dimension	340.00 x 320.00 x 16.00



360.00

Part No	PPS 3600 3200 220
Groove Dimension	360.00 x 320.00 x 22.00

370.00

Part No	PPS 3700 3500 160
Groove Dimension	370.00 x 350.00 x 16.00

390.00

Part No	PPS 3900 3600 230
Groove Dimension	390.00 x 360.00 x 23.00

360.00

Part No	PPS 3600 3400 160
Groove Dimension	360.00 x 340.00 x 16.00

380.00

Part No	PPS 3800 3600 160
Groove Dimension	380.00 x 360.00 x 16.00

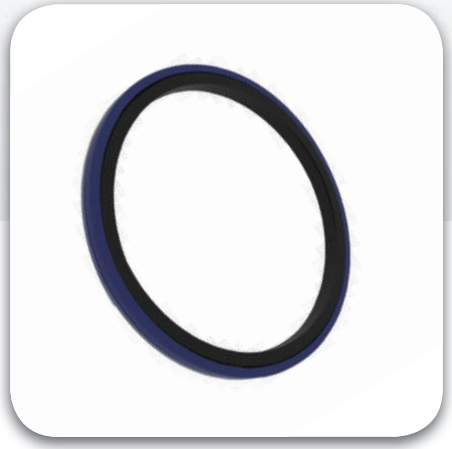
TRIADA

PPK

Piston Seals

#SealingExcellence






Description

The PPK is a bidirectional seal and composed of two elements. The dynamic seal is a ring in TRIATHANE® (Polyurethane) while the static seal is a TRIAFLEX® (NBR) Square Ring also acting as energizer. Depending on the application, media, cycle speed etc., the Polyurethane compound is selected and the Square Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø10.00 – Ø320.00
Standard material	TRIATHANE® T479 (Polyurethane) Sealing Element with Energiser in TRIAFLEX® T571 (NBR 70 Shores)
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc depending on Seal Compounds selected
Pressure	≤ 400 bar

Material Details

Sealing Material	Sealing Material	Square-Ring material	Square-Ring material code
TRIATHANE® Poly-Urethane	T479	TRIAFLEX® NBR 70 Shore	N

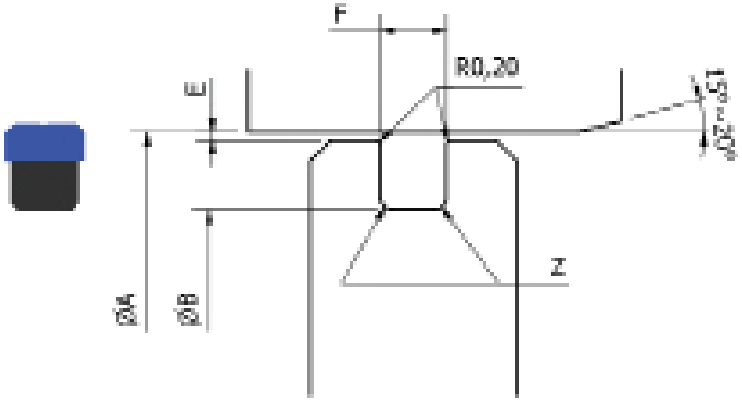
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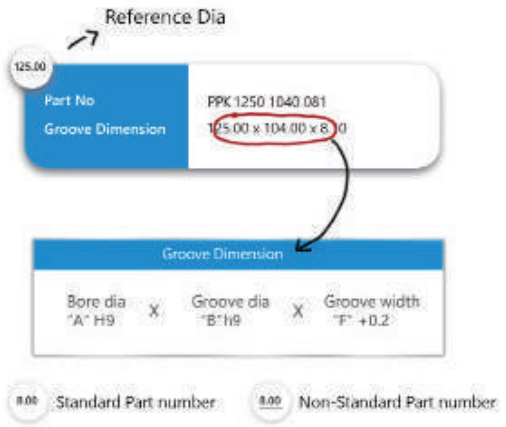
Part No	PPK	0250	0175	032	T479	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	Squre Ring material



Groove Details

Operating Pressure MPa	Radial Clearance "E" Max	
	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15





50.00	
Part No	PPK 0500 0370 063
Groove Dimension	50.00 x 37.00 x 6.3

60.00	
Part No	PPK 0600 0445 063
Groove Dimension	60.00 x 44.5 x 6.3

65.00	
Part No	PPK 0650 0540 042
Groove Dimension	65.00 x 54.00 x 4.2

70.00	
Part No	PPK 0700 0570 063
Groove Dimension	70.00 x 57.00 x 6.3

25.00	
Part No	PPK 0250 0175 032
Groove Dimension	25.00 x 17.50 x 3.2

40.00	
Part No	PPK 0400 0290 042
Groove Dimension	40.00 x 29.00 x 4.2

50.00	
Part No	PPK 0500 0390 042
Groove Dimension	50.00 x 39.00 x 4.2

55.00	
Part No	PPK 0550 0440 042
Groove Dimension	55.00 x 44.00 x 4.2

63.00	
Part No	PPK 0630 0520 042
Groove Dimension	63.00 x 52.00 x 4.2

70.00	
Part No	PPK 0700 0590 042
Groove Dimension	70.00 x 59.00 x 4.2

75.00	
Part No	PPK 0750 0640 042
Groove Dimension	75.00 x 64.00 x 4.2

32.0	
Part No	PPK 0320 0245 032
Groove Dimension	32.00 x 24.5 x 3.2

45.00	
Part No	PPK 0450 0340 042
Groove Dimension	45.00 x 34.00 x 4.2

50.00	
Part No	PPK 0500 0345 063
Groove Dimension	50.00 x 34.50 x 6.3

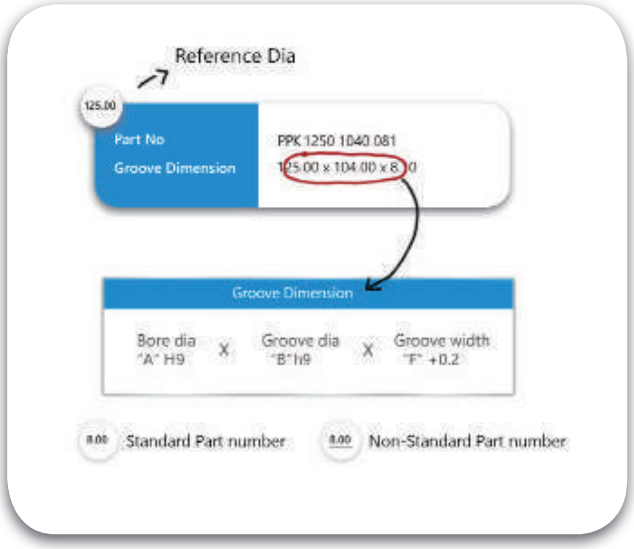
60.00	
Part No	PPK 0600 0490 042
Groove Dimension	60.00 x 49.00 x 4.2

63.00	
Part No	PPK 0630 0500 063
Groove Dimension	63.00 x 50.00 x 6.3

70.00	
Part No	PPK 0700 0545 063
Groove Dimension	70.00 x 54.5 x 6.3

80.00	
Part No	PPK 0800 0645 063
Groove Dimension	80.00 x 64.50 x 6.3

85.00	Part No	PPK 0850 0695 063
	Groove Dimension	85.00 x 69.50 x 6.3
90.00	Part No	PPK 0900 0745 063
	Groove Dimension	90.00 x 74.50 x 6.30
95.00	Part No	PPK 0950 0795 063
	Groove Dimension	95.00 x 79.50 x 6.3
100.00	Part No	PPK 1000 0845 063
	Groove Dimension	100.00 x 84.50 x 6.3
100.00	Part No	PPK 1000 0790 081
	Groove Dimension	100.00 x 79.00 x 8.1
105.00	Part No	PPK 1050 0895 063
	Groove Dimension	105.00 x 89.50 x 6.3
110.00	Part No	PPK 1100 0945 063
	Groove Dimension	110.00 x 94.50 x 6.30
115.00	Part No	PPK 1150 0995 063
	Groove Dimension	115.00 x 99.50 x 6.30
120.00	Part No	PPK 1200 1045 063
	Groove Dimension	120.00 x 104.50 x 6.3
125.00	Part No	PPK 1250 1095 063
	Groove Dimension	125.00 x 109.50 x 6.30
130.00	Part No	PPK 1300 1145 063
	Groove Dimension	130.00 x 114.50 x 6.30
130.00	Part No	PPK 1300 1090 081
	Groove Dimension	130.00 x 109.00 x 8.1
135.00	Part No	PPK 1350 1140 081
	Groove Dimension	135.00 x 114.00 x 8.1
140.00	Part No	PPK 1400 1190 081
	Groove Dimension	140.00 x 119.00 x 8.1
145.00	Part No	PPK 1450 1240 081
	Groove Dimension	145.00 x 124.00 x 8.1
150.00	Part No	PPK 1500 1290 081
	Groove Dimension	150.00 x 129.00 x 8.1
155.00	Part No	PPK 1550 1340 081
	Groove Dimension	155.00 x 134.00 x 8.1
160.00	Part No	PPK 1600 1390 081
	Groove Dimension	160.00 x 139.00 x 8.1
160.00	Part No	PPK 1600 1440 063
	Groove Dimension	160.00 x 144.00 x 6.30
170.00	Part No	PPK 1700 1490 081
	Groove Dimension	170.00 x 149.00 x 8.10
180.00	Part No	PPK 1800 1590 081
	Groove Dimension	180.00 x 159.00 x 8.1



190.00

Part No	PPK 1900 1690 081
Groove Dimension	190.00 x 169.00 x 8.1

220.00

Part No	PPK 2200 1990 081
Groove Dimension	220.00 x 199.00 x 8.1

280.00

Part No	PPK 2800 2590 081
Groove Dimension	280.00 x 259.00 x 8.1

200.00

Part No	PPK 2000 1790 081
Groove Dimension	200.00 x 179.00 x 8.1

250.00

Part No	PPK 2500 2290 081
Groove Dimension	250.00 x 229.00 x 8.1

320.00

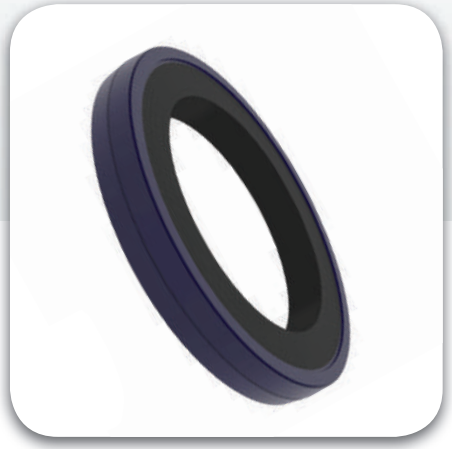
Part No	PPK 3200 2990 081
Groove Dimension	320.00 x 299.00 x 8.1

TRIADA

PSK

Piston Seals

#SealingExcellence



Description

The PSK is a bidirectional seal and composed of two elements. The dynamic seal is a ring in TRIATHANE® (Polyurethane) while the static seal is a TRIAFLEX® (NBR) Square Ring also acting as energizer. The taper on the seal lip provide wear resistance, and low co-efficient of friction. Depending on the application, media, cycle speed etc., the Polyurethane compound is selected and the Square Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø10.00 – Ø320.00
Standard material	TRIATHANE® T479 (Polyurethane) Sealing Element with Energiser in TRIAFLEX® T571 (NBR 70 Shores)
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 400 bar

Material Details

Sealing Material	Sealing Material Code	Square-Ring material	Square-Ring material code
TRIATHANE® Poly-Urethane	T479	TRIAFLEX® T571 NBR 70 Shore	N

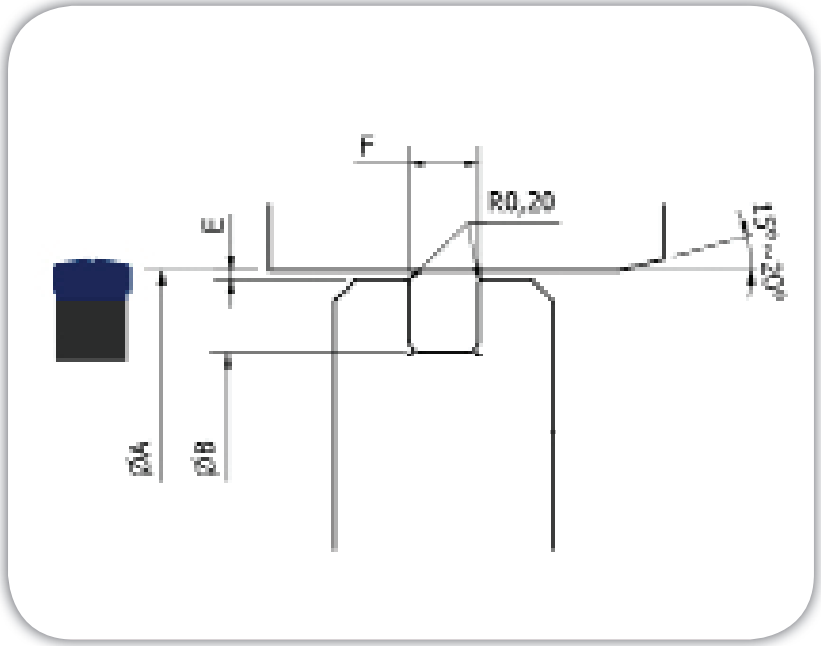
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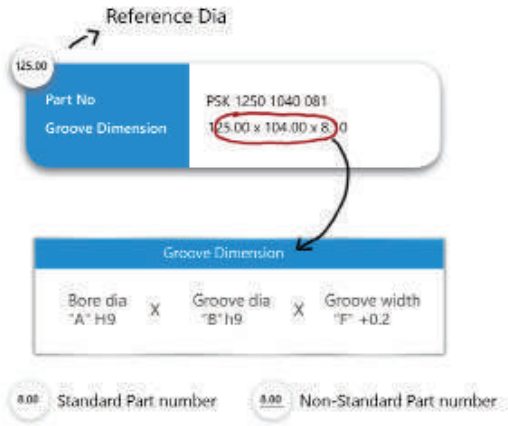
Part No	PSK	0250	0175	032	T479	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	Squre Ring material



Groove Details

Operating Pressure MPa	Radial Clearance "E" Max	
	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15





55.00	
Part No	PSK 0550 0440 042
Groove Dimension	55.00 x 44.00 x 4.20

63.00	
Part No	PSK 0630 0520 042
Groove Dimension	63.00 x 52.00 x 4.20

70.00	
Part No	PSK 0700 0590 042
Groove Dimension	70.00 x 59.00 x 4.20

80.00	
Part No	PSK 0800 0645 063
Groove Dimension	80.00 x 64.50 x 6.30

40.00	
Part No	PSK 0400 0245 063
Groove Dimension	40.00 x 24.50 x 6.30

45.00	
Part No	PSK 0450 0340 042
Groove Dimension	45.00 x 34.00 x 4.20

50.00	
Part No	PSK 0500 0390 042
Groove Dimension	50.00 x 39.00 x 4.20

60.00	
Part No	PSK 0600 0445 063
Groove Dimension	60.00 x 44.50 x 6.30

65.00	
Part No	PSK 0650 0495 063
Groove Dimension	65.00 X 49.50 X 6.30

75.00	
Part No	PSK 0750 0595 063
Groove Dimension	75.00 x 59.50 x 6.30

85.00	
Part No	PSK 0850 0695 063
Groove Dimension	85.00 x 69.50 x 6.30

40.00	
Part No	PSK 0400 0290 042
Groove Dimension	40.00 x 29.00 x 4.20

50.00	
Part No	PSK 0500 0345 063
Groove Dimension	50.00 x 34.50 x 6.30

55.00	
Part No	PSK 0550 0395 063
Groove Dimension	55.00 x 39.50 x 6.30

63.00	
Part No	PSK 0630 0475 063
Groove Dimension	63.00 x 47.50 x 6.30

70.00	
Part No	PSK 0700 0545 063
Groove Dimension	70.00 x 54.50 x 6.30

80.00	
Part No	PSK 0800 0590 081
Groove Dimension	80.00 x 59.00 x 8.10

90.00	
Part No	PSK 0900 0745 063
Groove Dimension	90.00 x 74.50 x 6.30

90.00	
Part No	PSK 0900 0745 063
Groove Dimension	90.00 x 74.50 x 6.30

95.00	
Part No	PSK 0950 0795 063
Groove Dimension	95.00 x 79.50 x 6.30

100.00	
Part No	PSK 1000 0790 081
Groove Dimension	100.00 x 79.00 x 8.10

100.00	
Part No	PSK 1000 0845 063
Groove Dimension	100.00 x 84.50 x 6.30

120.00	
Part No	PSK 1200 0990 081
Groove Dimension	120.00 x 99.00 x 8.10

120.00	
Part No	PSK 1200 1045 063
Groove Dimension	120.00 x 104.50 x 6.30

125.00	
Part No	PSK 1250 1040 081
Groove Dimension	125.00 x 104.00 x 8.10

125.00	
Part No	PSK 1250 1095 063
Groove Dimension	125.00 x 109.50 x 6.30

130.00	
Part No	PSK 1300 1090 081
Groove Dimension	130.00 x 109.00 x 8.10

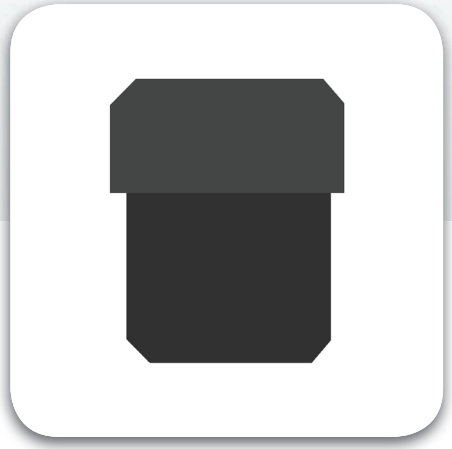
TRIADA

PGK

Piston Seals

#SealingExcellence



Description

The PGK is a bidirectional seal and composed of two elements. The dynamic seal is a ring in TRIAMIDE® (Glass Filled Polyamide) while the static seal is a TRIAFLEX® (NBR) Square Ring also acting as energizer. The Cut on the seal prevents the seal failure in case of a ballooning or expansion of the Cylinder and it is so designed that the oil does not move from the pressurized chamber to the other.

Diameter Range	Ø8.00 – Ø320.00
Standard material	TRIAMIDE® T486 (Glass Filled Polyamide) with the Energizer in TRIAFLEX® T571 (NBR 70 Shores)
Temperature(°C)	-30° C to 100° C .
Speed	≤ 1.0 m/s
Fluids	Mineral oils (for other media please check with Triada® Application Engineering)
Pressure	≤ 600 bar



Material Details

Sealing Material	Sealing Material Code	Square-Ring material	Square-Ring material code
TRIAMIDE® Polyamide + Glass Fillings	T486	TRIAFLEX® T571 NBR 70 Shore	N

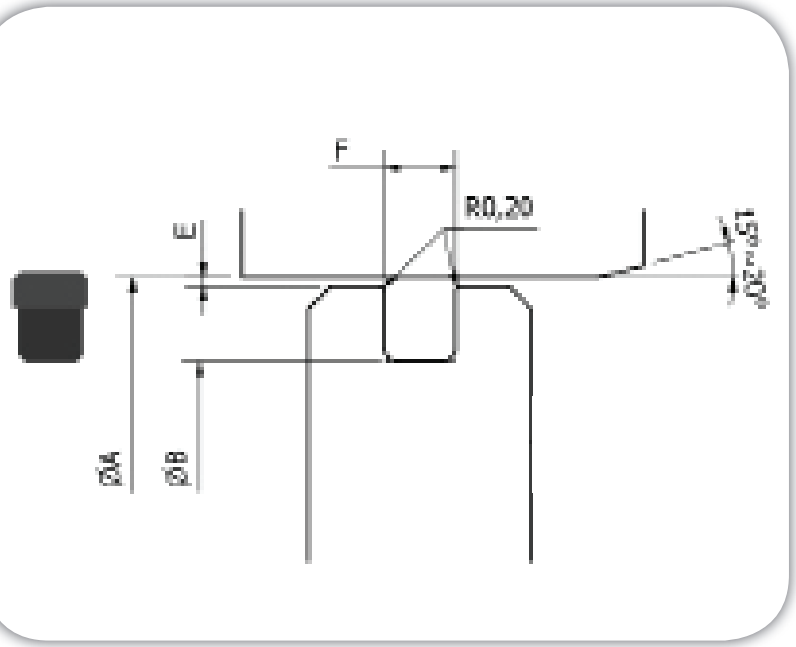
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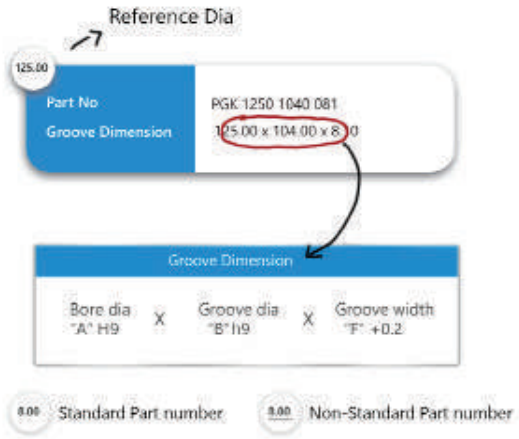
Part No	PGK	0250	0175	032	T486	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	Squre Ring material



Groove Details

Operating Pressure	Radial Clearance "E" Max		
Bar	F=4.20	F=6.30	F=8.10
0-200	0.50	0.70	0.80
200-500	0.35	0.50	0.60
500-600	H8/f7	H8/f7	H8/f7





85.00	
Part No	PGK 0850 0695 063
Groove Dimension	85.00 x 69.50 x 6.30

95.00	
Part No	PGK 0950 0795 063
Groove Dimension	95.00 x 79.50 x 6.30

105.00	
Part No	PGK 1050 0840 081
Groove Dimension	105.00 x 84.00 x 8.10

115.00	
Part No	PGK 1150 0940 081
Groove Dimension	115.00 x 94.00 x 8.10

60.00	
Part No	PGK 0600 0490 042
Groove Dimension	60.00 x 49.00 x 4.20

70.00	
Part No	PGK 0700 0545 063
Groove Dimension	70.00 x 54.50 x 6.30

80.00	
Part No	PGK 0800 0590 081
Groove Dimension	80.00 x 59.00 x 8.10

90.00	
Part No	PGK 0900 0690 081
Groove Dimension	90.00 x 69.00 x 8.10

100.00	
Part No	PGK 1000 0790 081
Groove Dimension	100.00 x 79.00 x 8.10

110.00	
Part No	PGK 1100 0890 081
Groove Dimension	110.00 x 89.00 x 8.10

120.00	
Part No	PGK 1200 0990 081
Groove Dimension	120.00 x 99.00 x 8.10

63.00	
Part No	PGK 0630 0475 063
Groove Dimension	63.00 x 47.0 x 6.30

75.00	
Part No	PGK 0750 0540 081
Groove Dimension	75.00 x 54.50 x 8.10

80.00	
Part No	PGK 0800 0645 063
Groove Dimension	80.00 x 64.50 x 6.30

90.00	
Part No	PGK 0900 0745 063
Groove Dimension	90.00 x 74.50 x 6.30

100.00	
Part No	PGK 1000 0845 063
Groove Dimension	100.00 x 84.50 x 6.30

110.00	
Part No	PGK 1100 0945 063
Groove Dimension	110.00 x 94.50 x 6.30

125.00	
Part No	PGK 1250 1040 081
Groove Dimension	125.00 x 104.0 x 8.10

130.00	Part No	PGK 1300 1090 081
	Groove Dimension	130.00 x 109.00x 8.10
135.00	Part No	PGK 1350 1140 081
	Groove Dimension	135.00 x 114.00 x8.10
140.00	Part No	PGK 1400 1190 081
	Groove Dimension	140.00 x 119.00 x 8.10
145.00	Part No	PGK 1450 1240 081
	Groove Dimension	145.00 x 124.00 x 8.10
150.00	Part No	PGK 1500 1290 081
	Groove Dimension	150.00 x 129.00 x 8.10
160.00	Part No	PGK 1600 1390 081
	Groove Dimension	160.00 x 139.00 x 8.10
165.00	Part No	PGK 1650 1440 081
	Groove Dimension	165.00 x 144.00 x 8.10
170.00	Part No	PGK 1700 1490 081
	Groove Dimension	170.00 x 149.00 x 8.10
175.00	Part No	PGK 1750 1540 081
	Groove Dimension	175.00 x 154.00 x 8.10
180.00	Part No	PGK 1800 1590 081
	Groove Dimension	180.00 x 159.00 x 8.10
190.00	Part No	PGK 1900 1690 081
	Groove Dimension	190.00 x 169.00 x 8.10
200.00	Part No	PGK 2000 1790 081
	Groove Dimension	200.00 x 179.00 x 8.10
210.00	Part No	PGK 2100 1890 081
	Groove Dimension	210.00 x 189.00 x 8.10
220.00	Part No	PGK 2200 1990 081
	Groove Dimension	220.00 x 199.00 x 8.10
230.00	Part No	PGK 2300 2090 081
	Groove Dimension	230.00 x 209.00 x 8.10
250.00	Part No	PGK 2500 2290 081
	Groove Dimension	250.00 x 229.00 x 8.10
260.00	Part No	PGK 2600 2390 081
	Groove Dimension	260.00 x 239.00 x 8.10
280.00	Part No	PGK 2800 2550 081
	Groove Dimension	280.00 x 255.00 x 8.10

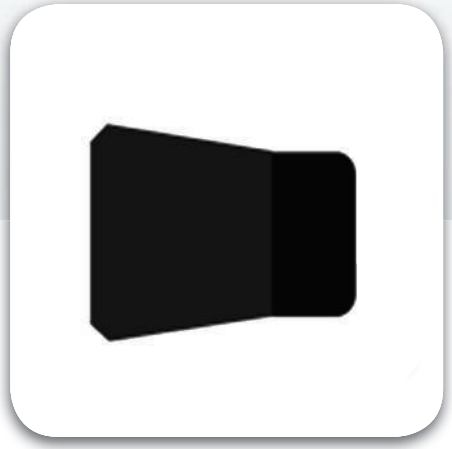
TRIADA

PAB

Piston Seals

#SealingExcellence



Description

The PAB type seal is a compact Piston seal which possess an excellent sealing performance even at the low pressure due to the radial preload; the material used for this seal provides high wear resistance and good chemical resistance.

Diameter Range	Ø10.00 – Ø482.00
Standard material	TRIAFLEX® T543 (cotton fabric reinforced material)
Temperature(°C)	-35° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Mineral Hydraulic Fluids (for other media, please contact TRIADA® Application Engineering)
Pressure	≤ 250 bar



Material Details

Sealing Material	Sealing Material Code
TRIAFLEX® cotton fabric reinforced material impregnated with NBR 70 Shores A	T543

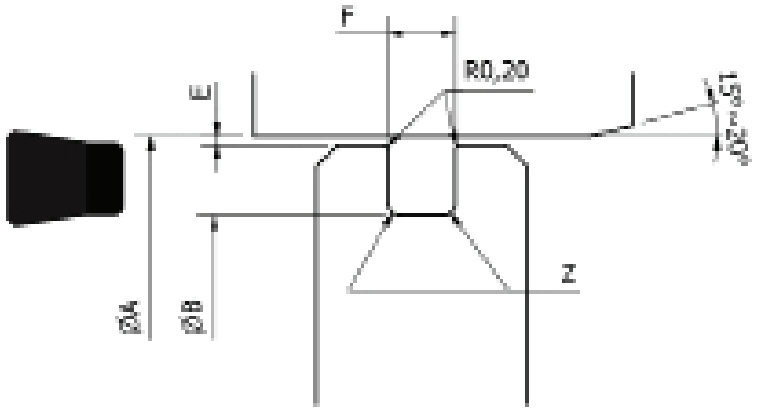
Nomenclature

Part No	PAB	0100	0060	050	T543
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

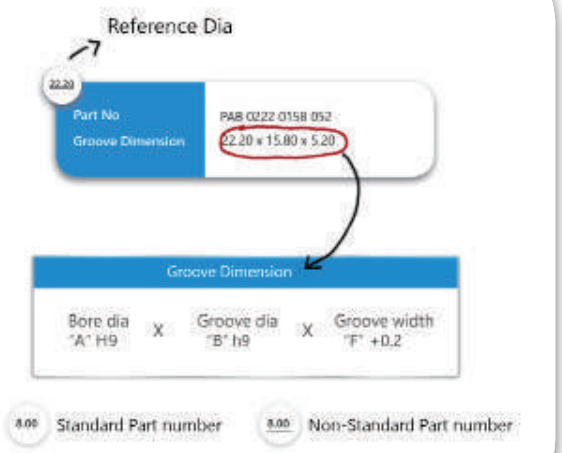


Groove Details

Operating Max. Pressure in Bar	Radial Clearance "E"max.
160	0.20
250	0.10



Z = 0.30 Max.



18.00	
Part No	PAB 0180 0100 060
Groove Dimension	18.00 x 10.00 x 6.00
19.00	
Part No	PAB 0190 0127 052
Groove Dimension	19.00 x 12.70 x 5.20
20.60	
Part No	PAB 0206 0127 068
Groove Dimension	20.60 x 12.70 x 6.80
22.20	
Part No	PAB 0222 0158 052
Groove Dimension	22.20 x 15.80 x 5.20

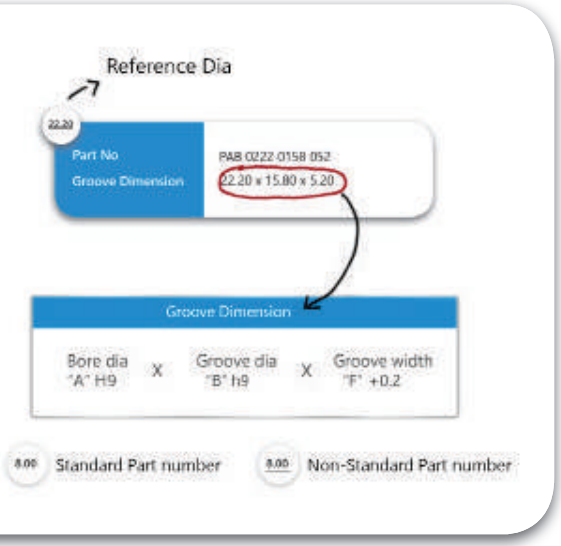
10.00	
Part No	PAB 0100 0060 050
Groove Dimension	10.00 x 6.00 x 5.00
14.00	
Part No	PAB 0140 0060 064
Groove Dimension	14.00 x 6.00 x 6.40
15.00	
Part No	PAB 0150 0080 064
Groove Dimension	15.00 x 8.00 x 6.40
18.00	
Part No	PAB 0180 0120 075
Groove Dimension	18.00 x 12.00 x 7.50
20.00	
Part No	PAB 0200 0120 064
Groove Dimension	20.00 x 12.00 x 6.40
22.00	
Part No	PAB 0220 0140 065
Groove Dimension	22.00 x 14.00 x 6.50
23.00	
Part No	PAB 0230 0150 064
Groove Dimension	23.00 x 15.00 x 6.40

12.70	
Part No	PAB 0127 0047 064
Groove Dimension	12.70 x 4.70 x 6.40
14.20	
Part No	PAB 0142 0063 068
Groove Dimension	14.20 x 6.30 x 6.80
17.00	
Part No	PAB 0170 0100 064
Groove Dimension	17.00 x 10.00 x 6.40
19.00	
Part No	PAB 0190 0120 063
Groove Dimension	19.00 x 12.00 x 6.30
20.60	
Part No	PAB 0206 0110 076
Groove Dimension	20.60 x 11.00 x 7.60
22.20	
Part No	PAB 0222 0127 076
Groove Dimension	22.20 x 12.70 x 7.60
23.80	
Part No	PAB 0238 0142 076
Groove Dimension	23.80 x 14.20 x 7.60

24.00	Part No	PAB 0240 0160 064
	Groove Dimension	24.00 x 16.00 x 6.40
25.40	Part No	PAB 0254 0158 076
	Groove Dimension	25.40 x 15.80 x 7.60
27.00	Part No	PAB 0270 0200 065
	Groove Dimension	27.00 x 20.00 x 6.50
28.00	Part No	PAB 0280 0200 070
	Groove Dimension	28.00 x 20.00 x 7.00
30.00	Part No	PAB 0300 0220 065
	Groove Dimension	30.00 x 22.00 x 6.50
31.70	Part No	PAB 0317 0190 085
	Groove Dimension	31.70 x 19.00 x 8.50
32.00	Part No	PAB 0320 0240 075
	Groove Dimension	32.00 x 24.00 x 7.50

24.00	Part No	PAB 0240 0160 070
	Groove Dimension	24.00 x 16.00 x 7.00
26.00	Part No	PAB 0260 0180 064
	Groove Dimension	26.00 x 18.00 x 6.40
28.00	Part No	PAB 0280 0180 063
	Groove Dimension	28.00 x 18.00 x 6.30
28.50	Part No	PAB 0285 0190 090
	Groove Dimension	28.50 x 19.00 x 9.00
30.00	Part No	PAB 0300 0220 070
	Groove Dimension	30.00 x 22.00 x 7.00
31.70	Part No	PAB 0317 0222 092
	Groove Dimension	31.70 x 22.22 x 9.20
33.00	Part No	PAB 0330 0250 064
	Groove Dimension	33.00 x 25.00 x 6.40

25.00	Part No	PAB 0250 0180 080
	Groove Dimension	25.00 x 18.00 x 8.00
26.00	Part No	PAB 0260 0180 070
	Groove Dimension	26.00 x 18.00 x 7.00
28.00	Part No	PAB 0280 0200 063
	Groove Dimension	28.00 x 20.00 x 6.30
30.00	Part No	PAB 0300 0200 085
	Groove Dimension	30.00 x 20.00 x 8.50
30.10	Part No	PAB 0301 0174 100
	Groove Dimension	30.10 x 17.40 x 10.00
31.70	Part No	PAB 0317 0254 052
	Groove Dimension	31.70 x 25.40 x 5.20
33.30	Part No	PAB 0333 0206 100
	Groove Dimension	33.30 x 20.60 x 10.00



34.00	Part No	PAB 0340 0240 065
	Groove Dimension	34.00 x 24.00 x 6.50
35.00	Part No	PAB 0350 0200 115
	Groove Dimension	35.00 x 20.00 x 11.50
35.00	Part No	PAB 0350 0250 090
	Groove Dimension	35.00 x 25.00 x 9.00
36.00	Part No	PAB 0360 0280 064
	Groove Dimension	36.00 x 28.00 x 6.40
38.00	Part No	PAB 0380 0250 100
	Groove Dimension	38.00 x 25.00 x 10.00
39.60	Part No	PAB 0396 0281 080
	Groove Dimension	39.60 x 28.10 x 8.00
40.00	Part No	PAB 0400 0320 063
	Groove Dimension	40.00 x 32.00 x 6.30

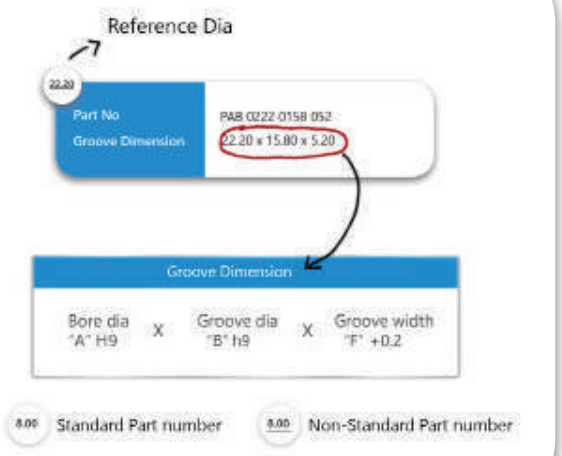
34.90	Part No	PAB 0349 0254 068
	Groove Dimension	34.90 x 25.40 x 6.80
35.00	Part No	PAB 0350 0220 100
	Groove Dimension	35.00 x 22.00 x 10.00
35.00	Part No	PAB 0350 0270 065
	Groove Dimension	35.00 x 27.00 x 6.50
36.50	Part No	PAB 0365 0238 100
	Groove Dimension	36.50 x 23.80 x 10.00
38.00	Part No	PAB 0380 0300 064
	Groove Dimension	38.00 x 30.00 x 6.40
40.00	Part No	PAB 0400 0260 100
	Groove Dimension	40.00 x 26.00 x 10.00
40.00	Part No	PAB 0400 0320 090
	Groove Dimension	40.00 x 32.00 x 9.00

37.50	Part No	PAB 0375 0300 065
	Groove Dimension	37.50 x 30.00 x 6.50
38.10	Part No	PAB 0381 0254 100
	Groove Dimension	38.10 x 25.40 x 10.00
40.00	Part No	PAB 0400 0300 075
	Groove Dimension	40.00 x 30.00 x 7.50
41.20	Part No	PAB 0412 0254 116
	Groove Dimension	41.20 x 25.40 x 11.60

41.20	Part No	PAB 0412 0285 100
	Groove Dimension	41.20 x 28.50 x 10.00
43.00	Part No	PAB 0430 0360 065
	Groove Dimension	43.00 x 36.00 x 6.50
44.40	Part No	PAB 0444 0285 116
	Groove Dimension	44.40 x 28.50 x 11.60
45.00	Part No	PAB 0450 0350 135
	Groove Dimension	45.00 x 35.00 x 13.50
48.00	Part No	PAB 0480 0360 095
	Groove Dimension	48.00 x 36.00 x 9.50
50.00	Part No	PAB 0500 0350 115
	Groove Dimension	50.00 x 35.00 x 11.50
50.00	Part No	PAB 0500 0400 110
	Groove Dimension	50.00 x 40.00 x 11.00

41.60	Part No	PAB 0416 0300 080
	Groove Dimension	41.60 x 30.00 x 8.00
44.00	Part No	PAB 0440 0250 125
	Groove Dimension	44.00 x 25.00 x 12.50
45.00	Part No	PAB 0450 0300 090
	Groove Dimension	45.00 x 30.00 x 9.00
47.60	Part No	PAB 0476 0317 116
	Groove Dimension	47.60 x 31.70 x 11.60
48.00	Part No	PAB 0480 0400 065
	Groove Dimension	48.00 x 40.00 x 6.50
50.00	Part No	PAB 0500 0380 095
	Groove Dimension	50.00 x 38.00 x 9.50
50.00	Part No	PAB 0500 0400 135
	Groove Dimension	50.00 x 40.00 x 13.50

43.00	Part No	PAB 0430 0350 065
	Groove Dimension	43.00 x 35.00 x 6.50
44.00	Part No	PAB 0440 0360 064
	Groove Dimension	44.00 x 36.00 x 6.40
45.00	Part No	PAB 0450 0350 080
	Groove Dimension	45.00 x 35.00 x 8.00
47.60	Part No	PAB 0476 0381 063
	Groove Dimension	47.60 x 38.10 x 6.30
50.00	Part No	PAB 0500 0300 145
	Groove Dimension	50.00 x 30.00 x 14.50
50.00	Part No	PAB 0500 0400 080
	Groove Dimension	50.00 x 40.00 x 8.00
50.00	Part No	PAB 0500 0420 064
	Groove Dimension	50.00 x 42.00 x 6.40



53.00	
Part No	PAB 0530 0430 090
Groove Dimension	53.00 x 43.00 x 9.00

53.90	
Part No	PAB 0539 0381 115
Groove Dimension	53.90 x 38.10 x 11.50

55.30	
Part No	PAB 0553 0459 083
Groove Dimension	55.30 x 45.90 x 8.30

57.10	
Part No	PAB 0571 0412 116
Groove Dimension	57.10 x 41.20 x 11.60

50.80	
Part No	PAB 0508 0349 085
Groove Dimension	50.80 x 34.90 x 8.50

50.80	
Part No	PAB 0508 0349 116
Groove Dimension	50.80 x 34.90 x 11.60

50.80	
Part No	PAB 0508 0381 100
Groove Dimension	50.80 x 38.10 x 10.00

53.00	
Part No	PAB 0530 0440 080
Groove Dimension	53.00 x 44.00 x 8.00

53.90	
Part No	PAB 0539 0381 128
Groove Dimension	53.90 x 38.10 x 12.80

55.00	
Part No	PAB 0555 0429 089
Groove Dimension	55.50 x 42.90 x 8.90

58.00	
Part No	PAB 0580 0500 125
Groove Dimension	58.00 x 50.00 x 12.50

50.80	
Part No	PAB 0508 0349 100
Groove Dimension	50.80 x 34.90 x 10.00

50.80	
Part No	PAB 0508 0377 090
Groove Dimension	50.80 x 37.70 x 9.00

50.80	
Part No	PAB 0508 0381 124
Groove Dimension	50.80 x 38.10 x 12.40

53.00	
Part No	PAB 0530 0450 065
Groove Dimension	53.00 x 45.00 x 6.50

55.00	
Part No	PAB 0550 0450 080
Groove Dimension	55.00 x 45.00 x 8.00

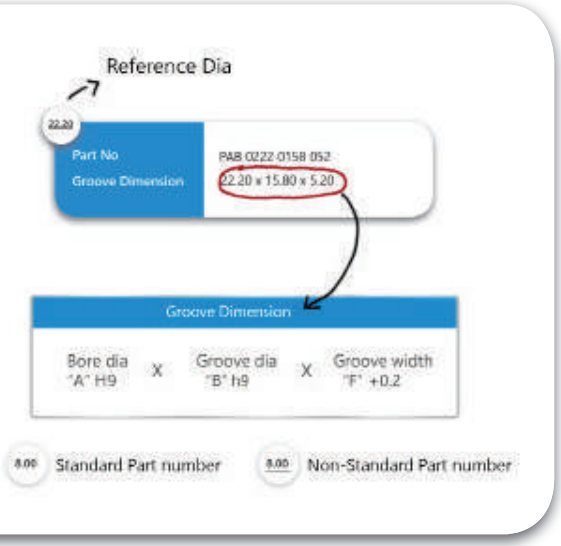
56.00	
Part No	PAB 0560 0460 080
Groove Dimension	56.00 x 46.00 x 8.00

60.00	
Part No	PAB 0600 0400 145
Groove Dimension	60.00 x 40.00 x 14.50

60.00	
Part No	PAB 0600 0480 070
Groove Dimension	60.00 x 48.00 x 7.00
60.30	
Part No	PAB 0603 0444 116
Groove Dimension	60.30 x 44.40 x 11.60
61.90	
Part No	PAB 0619 0444 116
Groove Dimension	61.90 x 44.40 x 11.60
63.50	
Part No	PAB 0635 0476 115
Groove Dimension	63.50 x 47.60 x 11.50
65.00	
Part No	PAB 0650 0550 110
Groove Dimension	65.00 x 55.00 x 11.00
67.00	
Part No	PAB 0670 0570 080
Groove Dimension	67.00 x 57.00 x 8.00
69.80	
Part No	PAB 0698 0571 100
Groove Dimension	69.80 x 57.10 x 10.00

60.00	
Part No	PAB 0600 0500 080
Groove Dimension	60.00 x 50.00 x 8.00
60.30	
Part No	PAB 0603 0472 100
Groove Dimension	60.30 x 47.20 x 10.00
62.00	
Part No	PAB 0620 0500 095
Groove Dimension	62.00 x 50.00 x 9.50
64.50	
Part No	PAB 0645 0500 115
Groove Dimension	64.50 x 50.00 x 11.50
66.00	
Part No	PAB 0660 0560 080
Groove Dimension	66.00 x 56.00 x 8.00
69.00	
Part No	PAB 0690 0610 085
Groove Dimension	69.00 x 61.00 x 8.50
70.00	
Part No	PAB 0700 0500 145
Groove Dimension	70.00 x 50.00 x 14.50

60.00	
Part No	PAB 0600 0500 100
Groove Dimension	60.00 x 50.00 x 10.00
60.30	
Part No	PAB 0603 0508 110
Groove Dimension	60.30 x 50.80 x 11.00
63.00	
Part No	PAB 0630 0450 110
Groove Dimension	63.00 x 45.00 x 11.00
65.00	
Part No	PAB 0650 0450 145
Groove Dimension	65.00 x 45.00 x 14.50
66.70	
Part No	PAB 0667 0508 115
Groove Dimension	66.70 x 50.80 x 11.50
69.50	
Part No	PAB 0695 0600 070
Groove Dimension	69.50 x 60.00 x 7.00
70.00	
Part No	PAB 0700 0550 105
Groove Dimension	70.00 x 55.00 x 10.50



75.00

Part No	PAB 0750 0600 130
Groove Dimension	75.00 x 60.00 x 13.00

76.00

Part No	PAB 0760 0560 145
Groove Dimension	76.00 x 56.00 x14.50

76.20

Part No	PAB 0762 0571 135
Groove Dimension	76.20 x 57.10 x 13.50

77.70

Part No	PAB 0777 0635 115
Groove Dimension	77.70 x 63.50 x 11.50

70.00

Part No	PAB 0700 0600 080
Groove Dimension	70.00 x 60.00 x 8.00

72.00

Part No	PAB 0720 0600 100
Groove Dimension	72.00 x 60.00 x 10.00

73.00

Part No	PAB 0730 0571 115
Groove Dimension	73.00 x 57.10 x 11.50

75.00

Part No	PAB 0750 0630 096
Groove Dimension	75.00 x 63.00 x 9.60

76.00

Part No	PAB 0760 0680 080
Groove Dimension	76.00 x 68.00 x 8.00

76.20

Part No	PAB 0762 0571 142
Groove Dimension	76.20 x 57.10 x 14.20

79.30

Part No	PAB 0793 0603 148
Groove Dimension	79.30 x 60.30 x 14.80

71.00

Part No	PAB 0710 0600 096
Groove Dimension	71.00 x 60.00 x 9.60

73.00

Part No	PAB 0730 0539 148
Groove Dimension	73.00 x 53.90 x 14.80

75.00

Part No	PAB 0750 0650 085
Groove Dimension	75.00 x 65.00 x 8.50

75.00

Part No	PAB 0750 0650 135
Groove Dimension	75.00 x 65.00 x 13.50

76.20

Part No	PAB 0762 0571 100
Groove Dimension	76.20 x 57.10 x 10.00

77.00

Part No	PAB 0770 0650 096
Groove Dimension	77.00 x 65.00 x 9.60

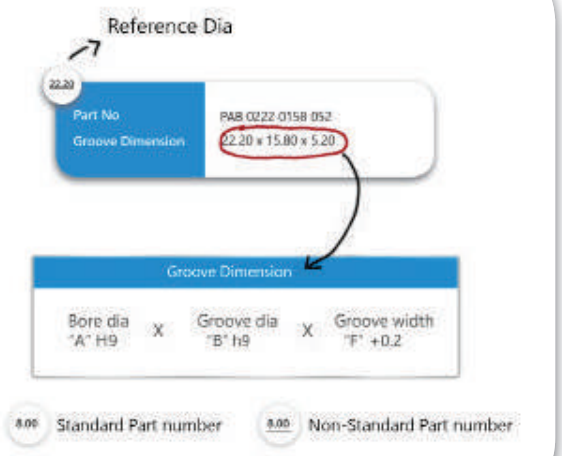
80.00

Part No	PAB 0800 0600 145
Groove Dimension	80.00 x 60.00 x 14.50

80.00	
Part No	PAB 0800 0650 115
Groove Dimension	80.00 x 65.00 x 11.50
82.00	
Part No	PAB 0820 0700 096
Groove Dimension	82.00 x 70.00 x 9.60
84.00	
Part No	PAB 0840 0700 125
Groove Dimension	84.00 x 70.00 x 12.50
85.00	
Part No	PAB 0850 0700 120
Groove Dimension	85.00 x 70.00 x 12.00
87.00	
Part No	PAB 0870 0770 080
Groove Dimension	87.00 x 77.00 x 8.00
88.90	
Part No	PAB 0889 0762 094
Groove Dimension	88.90 x 76.20 x 9.40
90.00	
Part No	PAB 0900 0750 115
Groove Dimension	90.00 x 75.00 x 11.50

80.00	
Part No	PAB 0800 0660 110
Groove Dimension	80.00 x 66.00 x 11.00
82.50	
Part No	PAB 0825 0635 142
Groove Dimension	82.50 x 63.50 x 14.20
84.00	
Part No	PAB 0840 0760 085
Groove Dimension	84.00 x 76.00 x 8.50
85.00	
Part No	PAB 0850 0750 080
Groove Dimension	85.00 x 75.00 x 8.00
88.50	
Part No	PAB 0885 0790 070
Groove Dimension	88.50 x 79.00 x 7.00
89.50	
Part No	PAB 0895 0750 115
Groove Dimension	89.50 x 75.00 x 11.50
90.00	
Part No	PAB 0900 0800 080
Groove Dimension	90.00 x 80.00 x 8.00

80.00	
Part No	PAB 0800 0700 080
Groove Dimension	80.00 x 70.00 x 8.00
83.00	
Part No	PAB 0830 0630 145
Groove Dimension	83.00 x 63.00 x 14.50
85.00	
Part No	PAB 0850 0650 145
Groove Dimension	85.00 x 65.00 x 14.50
85.70	
Part No	PAB 0857 0666 148
Groove Dimension	85.70 x 66.60 x 14.80
88.90	
Part No	PAB 0889 0730 125
Groove Dimension	88.90 x 73.00 x 12.50
90.00	
Part No	PAB 0900 0700 145
Groove Dimension	90.00 x 70.00 x 14.50
91.00	
Part No	PAB 0910 0810 080
Groove Dimension	91.00 x 81.00 x 8.00



95.20

Part No	PAB 0952 0762 148
Groove Dimension	95.20 x 76.20 x 14.80

97.00

Part No	PAB 0970 0850 096
Groove Dimension	97.00 x 85.00 x 9.60

100.00

Part No	PAB 1000 0850 120
Groove Dimension	100.00 x 85.00 x 12.00

102.00

Part No	PAB 1020 0900 096
Groove Dimension	102.00 x 90.00 x 9.60

92.00

Part No	PAB 0920 0800 096
Groove Dimension	92.00 x 80.00 x 9.60

95.00

Part No	PAB 0950 0650 175
Groove Dimension	95.00 x 65.00 x 17.50

95.00

Part No	PAB 0950 0850 080
Groove Dimension	95.00 x 85.00 x 8.00

96.00

Part No	PAB 0960 0800 105
Groove Dimension	96.00 x 80.00 x 10.50

99.00

Part No	PAB 0990 0910 085
Groove Dimension	99.00 x 91.00 x 8.50

101.60

Part No	PAB 1016 0825 148
Groove Dimension	101.60 x 82.50 x 14.80

104.70

Part No	PAB 1047 0857 148
Groove Dimension	104.70 x 85.70 x 14.80

94.00

Part No	PAB 0940 0840 080
Groove Dimension	94.00 x 84.00 x 8.00

95.00

Part No	PAB 0950 0750 110
Groove Dimension	95.00 x 75.00 x 11.00

95.00

Part No	PAB 0950 0850 085
Groove Dimension	95.00 x 85.00 x 8.50

96.00

Part No	PAB 0960 0880 080
Groove Dimension	96.00 x 88.00 x 8.00

100.00

Part No	PAB 1000 0800 145
Groove Dimension	100.00 x 80.00 x 14.50

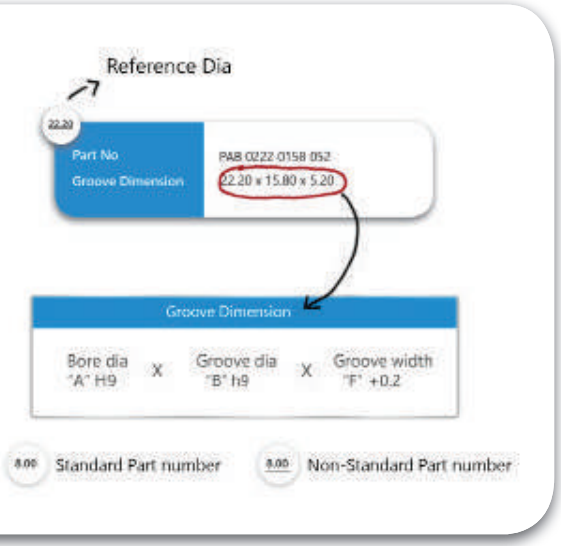
101.60

Part No	PAB 1016 0889 100
Groove Dimension	101.60 x 88.90 x 10.00

105.00

Part No	PAB 1050 0850 145
Groove Dimension	105.00 x 85.00 x 14.50

105.00	
Part No	PAB 1050 0950 110
Groove Dimension	105.00 x 95.00 x 11.00
105.00	
Part No	PAB 1050 0960 085
Groove Dimension	105.00 x 96.00 x 8.50
107.00	
Part No	PAB 1070 0950 125
Groove Dimension	107.00 x 95.00 x 12.50
107.50	
Part No	PAB 1075 0980 070
Groove Dimension	107.50 x 98.00 x 7.00
107.90	
Part No	PAB 1079 0889 127
Groove Dimension	107.90 x 88.90 x 12.70
108.00	
Part No	PAB 1080 0960 125
Groove Dimension	108.00 x 96.00 x 12.50
108.00	
Part No	PAB 1080 0970 125
Groove Dimension	108.00 x 97.00 x 12.50
110.00	
Part No	PAB 1100 0850 135
Groove Dimension	110.00 x 85.00 x 13.50
110.00	
Part No	PAB 1100 0900 125
Groove Dimension	110.00 x 90.00 x 12.50
110.00	
Part No	PAB 1100 0950 125
Groove Dimension	110.00 x 95.00 x 12.50
111.10	
Part No	PAB 1111 0857 195
Groove Dimension	111.10 x 85.70 x 19.50
113.00	
Part No	PAB 1130 1000 135
Groove Dimension	113.00 x 100.00 x 13.50
114.30	
Part No	PAB 1143 0889 127
Groove Dimension	114.30 x 88.90 x 12.70
114.30	
Part No	PAB 1143 0952 135
Groove Dimension	114.30 x 95.20 x 13.50
115.00	
Part No	PAB 1150 1000 115
Groove Dimension	115.00 x 100.00 x 11.50
115.00	
Part No	PAB 1150 1030 125
Groove Dimension	115.00 x 103.00 x 12.50
115.00	
Part No	PAB 1150 1050 110
Groove Dimension	115.00 x 105.00 x 11.00
115.00	
Part No	PAB 1150 1070 080
Groove Dimension	115.00 x 107.00 x 8.00
116.00	
Part No	PAB 1160 1060 085
Groove Dimension	116.00 x 106.00 x 8.50
117.00	
Part No	PAB 1170 1050 125
Groove Dimension	117.00 x 105.00 x 12.50
117.40	
Part No	PAB 1174 0920 132
Groove Dimension	117.40 x 92.00 x 13.20



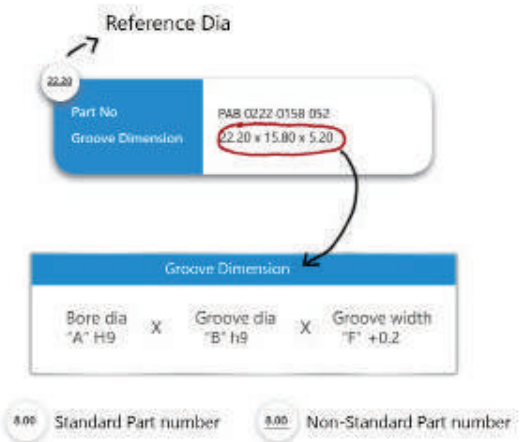
120.00	Part No	PAB 1200 1000 120
	Groove Dimension	120.00 x 100.00 x 12.00
120.00	Part No	PAB 1200 1040 120
	Groove Dimension	120.00 x 104.00 x 12.00
120.60	Part No	PAB 1206 0952 195
	Groove Dimension	120.60 x 95.20 x 19.50
125.00	Part No	PAB 1250 1050 125
	Groove Dimension	125.00 x 105.00 x 12.50
125.00	Part No	PAB 1250 1100 120
	Groove Dimension	125.00 x 110.00 x 12.00
127.00	Part No	PAB 1270 1016 195
	Groove Dimension	127.00 x 101.60 x 19.50
130.00	Part No	PAB 1300 1040 195
	Groove Dimension	130.00 x 104.00 x 19.50
130.00	Part No	PAB 1300 1200 080
	Groove Dimension	130.00 x 120.00 x 8.00
132.70	Part No	PAB 1327 1200 100
	Groove Dimension	132.70 x 120.00 x 10.00
133.30	Part No	PAB 1333 1070 080
	Groove Dimension	133.30 x 107.00 x 8.00
133.30	Part No	PAB 1333 1143 124
	Groove Dimension	133.30 x 114.30 x 12.40

120.00	Part No	PAB 1200 1000 145
	Groove Dimension	120.00 x 100.00 x 14.50
120.00	Part No	PAB 1200 1050 120
	Groove Dimension	120.00 x 105.00 x 12.00
123.80	Part No	PAB 1238 1015 171
	Groove Dimension	123.80 x 101.50 x 17.10
125.00	Part No	PAB 1250 1150 090
	Groove Dimension	125.00 x 115.00 x 9.00
130.00	Part No	PAB 1300 1180 125
	Groove Dimension	130.00 x 118.00 x 12.50
133.00	Part No	PAB 1330 1230 080
	Groove Dimension	133.00 x 123.00 x 8.00
134.00	Part No	PAB 1340 1260 080
	Groove Dimension	134.00 x 126.00 x 8.00

135.00	
Part No	PAB 1350 1100 155
Groove Dimension	135.00 x 110.00 x 15.50
136.00	
Part No	PAB 1360 1260 085
Groove Dimension	136.00 x 126.00 x 8.50
140.00	
Part No	PAB 1400 1100 165
Groove Dimension	140.00 x 110.00 x 16.50
140.00	
Part No	PAB 1400 1300 080
Groove Dimension	140.00 x 130.00 x 8.00
145.00	
Part No	PAB 1450 1300 130
Groove Dimension	145.00 x 130.00 x 13.00
155.00	
Part No	PAB 1550 1400 130
Groove Dimension	155.00 x 140.00 x 13.00
170.00	
Part No	PAB 1700 1550 095
Groove Dimension	170.00 x 155.00 x 9.50

135.00	
Part No	PAB 1350 1150 160
Groove Dimension	135.00 x 115.00 x 16.00
139.70	
Part No	PAB 1397 1143 195
Groove Dimension	139.70 x 114.30 x 19.50
140.00	
Part No	PAB 1400 1200 125
Groove Dimension	140.00 x 120.00 x 12.50
144.00	
Part No	PAB 1440 1310 135
Groove Dimension	144.00 x 131.00 x 13.50
146.00	
Part No	PAB 1460 1206 195
Groove Dimension	146.00 x 120.06 x 19.50
158.70	
Part No	PAB 1587 1333 140
Groove Dimension	158.70 x 133.30 x 14.00
171.40	
Part No	PAB 1714 1460 195
Groove Dimension	171.40 x 146.00 x 19.50

135.00	
Part No	PAB 1350 1250 085
Groove Dimension	135.00 x 125.00 x 8.50
139.70	
Part No	PAB 1397 1270 100
Groove Dimension	139.70 x 127.00 x 10.00
140.00	
Part No	PAB 1400 1250 120
Groove Dimension	140.00 x 125.00 x 12.00
145.00	
Part No	PAB 1450 1270 115
Groove Dimension	145.00 x 127.00 x 11.5
152.40	
Part No	PAB 1524 1270 195
Groove Dimension	152.40 x 127.00 x 19.50
165.10	
Part No	PAB 1651 1397 195
Groove Dimension	165.10 x 139.70 x 19.50
174.00	
Part No	PAB 1740 1600 115
Groove Dimension	174.00 x 160.00 x 11.50



195.00

Part No	PAB 1950 1800 125
Groove Dimension	195.00 x 180.00 x 12.50

202.00

Part No	PAB 2020 1870 115
Groove Dimension	202.00 x 187.00 x 11.50

203.20

Part No	PAB 2032 1778 227
Groove Dimension	203.20 x 177.80 x 22.70

222.20

Part No	PAB 2222 1950 258
Groove Dimension	222.20 x 195.00 x 25.80

177.80

Part No	PAB 1778 1524 195
Groove Dimension	177.80 x 152.40 x 19.50

178.00

Part No	PAB 1780 1630 130
Groove Dimension	178.00 x 163.00 x 13.00

184.10

Part No	PAB 1841 1524 258
Groove Dimension	184.10 x 152.40 x 25.80

196.80

Part No	PAB 1968 1651 100
Groove Dimension	196.80 x 165.10 x 10.00

203.00

Part No	PAB 2030 1880 130
Groove Dimension	203.00 x 188.00 x 13.00

208.70

Part No	PAB 2087 1960 095
Groove Dimension	208.70 x 196.00 x 9.50

228.60

Part No	PAB 2286 1968 258
Groove Dimension	228.60 x 196.80 x 25.80

177.80

Part No	PAB 1778 1651 100
Groove Dimension	177.80 x 165.10 x 10.00

182.70

Part No	PAB 1827 1700 100
Groove Dimension	182.70 x 170.00 x 10.00

195.00

Part No	PAB 1950 1587 258
Groove Dimension	195.00 x 158.70 x 25.80

200.00

Part No	PAB 2000 1750 145
Groove Dimension	200.00 x 175.00 x 14.50

203.20

Part No	PAB 2032 1714 258
Groove Dimension	203.20 x 171.40 x 25.80

215.90

Part No	PAB 2159 1841 258
Groove Dimension	215.90 x 184.10 x 25.80

229.00

Part No	PAB 2290 2140 130
Groove Dimension	229.00 x 214.00 x 13.00

235.00	Part No	PAB 2350 2032 258
	Groove Dimension	235.00 x 203.20 x 25.80
236.70	Part No	PAB 2367 2240 095
	Groove Dimension	236.70 x 224.00 x 9.50
247.60	Part No	PAB 2476 2159 258
	Groove Dimension	247.60 x 215.90 x 25.80
250.00	Part No	PAB 2500 2200 205
	Groove Dimension	250.00 x 220.00 x 20.50
254.00	Part No	PAB 2540 2222 258
	Groove Dimension	254.00 x 222.20 x 25.80
255.00	Part No	PAB 2550 2400 130
	Groove Dimension	255.00 x 240.00 x 13.00
258.00	Part No	PAB 2580 2380 155
	Groove Dimension	258.00 x 238.00 x 15.50
260.30	Part No	PAB 2603 2286 258
	Groove Dimension	260.30 x 228.60 x 25.80
273.00	Part No	PAB 2730 2413 258
	Groove Dimension	273.00 x 241.30 x 25.80
285.70	Part No	PAB 2857 2540 258
	Groove Dimension	285.70 x 254.00 x 25.80
290.00	Part No	PAB 2900 2500 254
	Groove Dimension	290.00 x 250.00 x 25.40
292.10	Part No	PAB 2921 2603 258
	Groove Dimension	292.10 x 260.30 x 25.80
298.40	Part No	PAB 2984 2667 258
	Groove Dimension	298.40 x 266.70 x 25.80
304.80	Part No	PAB 3048 2730 258
	Groove Dimension	304.80 x 273.00 x 25.80
311.10	Part No	PAB 3111 2794 258
	Groove Dimension	311.10 x 279.40 x 25.80
317.50	Part No	PAB 3175 2857 258
	Groove Dimension	317.50 x 285.70 x 25.80
320.00	Part No	PAB 3200 2800 225
	Groove Dimension	320.00 x 280.00 x 22.50
330.20	Part No	PAB 3302 2984 258
	Groove Dimension	330.20 x 298.40 x 25.80
336.50	Part No	PAB 3365 3048 258
	Groove Dimension	336.50 x 304.80 x 25.80
360.00	Part No	PAB 3600 3200 255
	Groove Dimension	360.00 x 320.00 x 25.50
415.00	Part No	PAB 4150 3750 254
	Groove Dimension	415.00 x 375.00 x 25.40

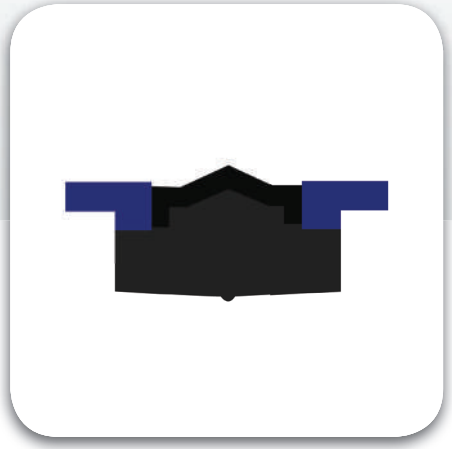
TRIADA

PPC

Piston Seals

#SealingExcellence



Description

The PPC Compact Seal is a double acting piston seal consists of a rugged central element in TRIAFLEX® (NBR with fabric reinforcement), performing the main sealing function and supported by two slit Wear Rings TRIAMIDE® (POM), which positions the Piston centrally within the Cylinder bore. These wear rings limits the extrusion of the TRIAFLEX® - Sealing Element and takes the responsibility of the radial loads and also resists the dynamic and static friction.



Diameter Range	Ø25.00 – Ø150.00
Standard material	Sealing element TRIAFLEX® (NBR compounded with cotton fabric), Wear Rings are TRIAMIDE® (POM)
Temperature(°C)	-30° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 500 bar

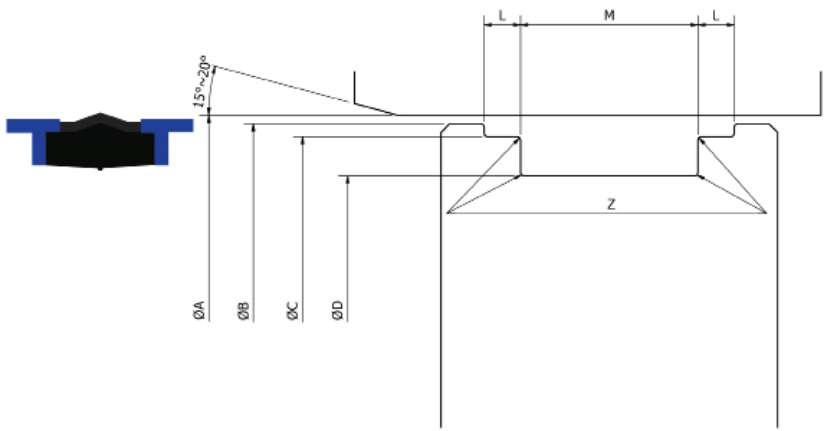
Material Details

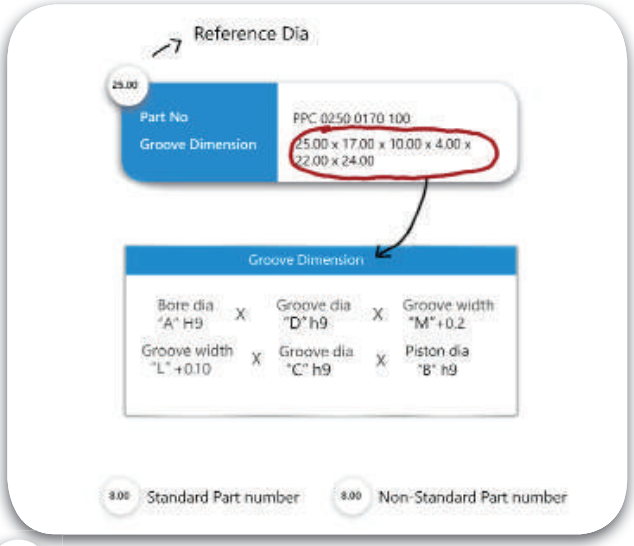
Material Code	Sealing Material	WearRing material
CXN	TRIAFLEX® NBR compounded with cotton fabric	TRIAMIDE® Poly-Oxy Methylene

Nomenclature

Part No	PPC	1000	0750	224	CXN
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







30.00	
Part No	PPC 0300 0170 154
Groove Dimension	30.00 X 17.00 X 15.40 x 6.35 x 26.50 x 29.00

35.00	
Part No	PPC 0350 0220 154
Groove Dimension	35.00 X 22.00 X 15.40 x 6.35 x 31.40 x 33.70

40.00	
Part No	PPC 0400 0240 184
Groove Dimension	40.00 X 24.00 X 18.40 x 6.35 x 35.40 x 38.70

45.00	
Part No	PPC 0450 0290 184
Groove Dimension	45.00 X 29.00 X 18.40 x 6.35 x 40.40 x 43.70

50.00	
Part No	PPC 0500 0340 184
Groove Dimension	50.00 X 34.00 X 18.40 x 6.35 x 45.40 x 48.70

55.00	
Part No	PPC 0550 0390 184
Groove Dimension	55.00 X 39.00 X 18.40 x 6.35 x 50.40 x 53.70

60.00	
Part No	PPC 0600 0440 184
Groove Dimension	60.00 X 44.00 X 18.40 x 6.35 x 55.40 x 58.70

65.00	
Part No	PPC 0650 0500 184
Groove Dimension	65.00 X 50.00 X 18.40 x 6.35 x 60.40 x 63.70

70.00	
Part No	PPC 0700 0500 224
Groove Dimension	70.00 X 50.00 X 22.40 x 6.35 x 64.20 x 68.30

75.00	
Part No	PPC 0750 0550 224
Groove Dimension	75.00 X 55.00 X 22.40 x 6.35 x 69.20 x 73.30

80.00	
Part No	PPC 0800 0600 224
Groove Dimension	80.00 X 60.00 X 22.40 x 6.35 x 74.20 x 78.30

85.00	
Part No	PPC 0850 0650 224
Groove Dimension	85.00 X 65.00 X 22.40 x 6.35 x 79.20 x 83.30

90.00	
Part No	PPC 0900 0700 224
Groove Dimension	90.00 X 70.00 X 22.40 x 6.35 x 84.15 x 88.30

95.00	
Part No	PPC 0950 0750 224
Groove Dimension	95.00 X 75.00 X 22.40 x 6.35 x 89.15 x 93.30

100.00	
Part No	PPC 1000 0750 224
Groove Dimension	100.00 X 75.00 X 22.40 x 6.35 x 93.15 x 98.05

100.00	
Part No	PPC 1000 0800 224
Groove Dimension	100.00 X 80.00 X 22.40 x 6.35 x 94.15 x 98.30

105.00	
Part No	PPC 1050 0850 224
Groove Dimension	105.00 X 85.00 X 22.40 x 6.35 x 98.10 x 103.00

110.00	
Part No	PPC 1100 0850 224
Groove Dimension	110.00 X 85.00 X 22.40 x 6.35 x 103.10 x 108.00

120.00

Part No	PPC 1200 1000 254
Groove Dimension	120.00 X 100.00 X 25.40 x 6.35 x 114.10 x 118.00

130.00

Part No	PPC 1300 1050 254
Groove Dimension	130.00 X 105.00 X 25.40 x 6.35 x 123.10 x 128.00

140.00

Part No	PPC 1400 1150 254
Groove Dimension	140.00 X 115.00 X 25.40 x 6.35 x 133.00 x 138.00

150.00

Part No	PPC 1500 1250 254
Groove Dimension	150.00 X 125.00 X 25.40 x 6.35 x 133.00 x 138.00

160.00

Part No	PPC 1600 1350 330
Groove Dimension	160.00 X 135.00 X 33.00 x 6.35 x 153.00 x 158.00

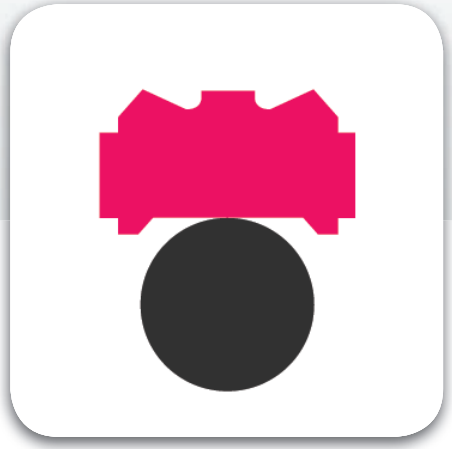
TRIADA

PWS

Piston Seals

#SealingExcellence



Description

The PWS is a bidirectional seal and composed of two elements. The dynamic seal is a ring in PolyUrethane TRIATHANE® (PolyUrethane) while the static seal is an TRIAFLEX® (NBR) O-Ring also acting as energizer. Depending on the application, media, cycle speed etc., the PolyUrethane compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø12.00 – Ø2500.00
Standard material	TRIATHANE® T479 (PU) with Energiser in TRIAFLEX® T571 (NBR 70 Shores).
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.50 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc depending on Seal Compounds selected.
Pressure	≤ 400 bar

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIATHANE® PU	T479	TRIAFLEX® T571 NBR 70 Shore	N

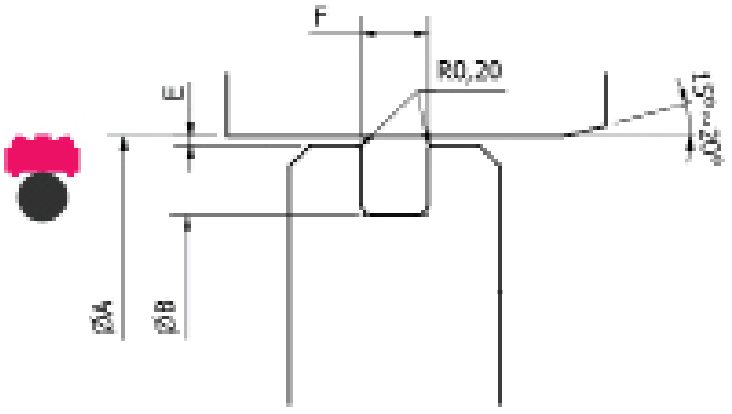
Nomenclature

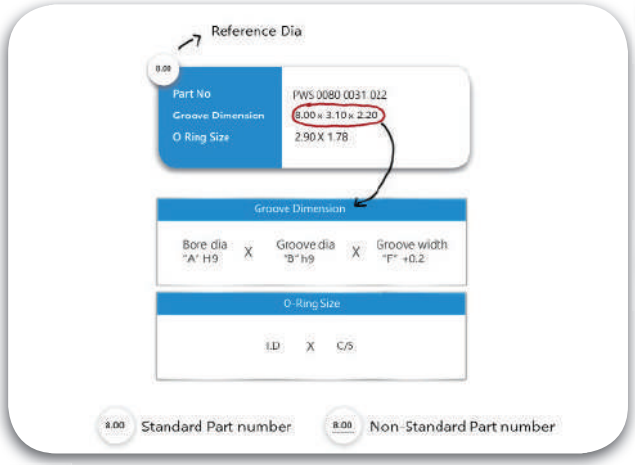
Part No	PWS	1000	0845	063	T479	N
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Bore Diameter "A" H9	Radial Clearance "E" Max			
Satandard Range	<20bar	<100bar	<200bar	<400bar
6.00 - 13.90	0.20	0.10	0.08	0.05
14.00 - 24.90	0.25	0.15	0.10	0.07
25.00 - 45.90	0.35	0.20	0.15	0.08
46.00 - 124.90	0.50	0.25	0.20	0.10
125.00 - 999.90	0.60	0.30	0.25	0.12
1000.00 - 2700.00	0.90	0.50	0.40	0.20





12.0

Part No	PWS 0120 0071 022
Groove Dimension	12.00 x 7.10 x 2.20
O Ring Size	6.75 x 1.78

12.0

Part No	PWS 0120 0045 032
Groove Dimension	12.00 x 4.50 x 3.20
O Ring Size	4.42 x 2.62

15.0

Part No	PWS 0150 0075 032
Groove Dimension	15.00 x 7.50 x 3.20
O Ring Size	6.02 X 2.62

16.0

Part No	PWS 0160 0085 032
Groove Dimension	16.00 x 8.50 x 3.20
O Ring Size	7.59 X 2.62

20.0

Part No	PWS 0200 0125 032
Groove Dimension	20.00 x 12.50 x 3.20
O Ring Size	12.37 X 2.62

22.0

Part No	PWS 0220 0145 032
Groove Dimension	22.00 x 14.50 x 3.20
O Ring Size	13.94 X 2.62

24.0

Part No	PWS 0240 0165 032
Groove Dimension	24.00 x 16.50 x 3.20
O Ring Size	15.54 X 2.62

25.0

Part No	PWS 0250 0175 032
Groove Dimension	25.00 x 17.50 x 3.20
O Ring Size	17.12 X 2.62

25.0

Part No	PWS 0250 0140 042
Groove Dimension	25.00 x 14.100 x 4.20
O Ring Size	0.00 x 0.0

28.0

Part No	PWS 0280 0205 032
Groove Dimension	28.00 x 20.50 x 3.20
O Ring Size	20.35 X 1.78

30.0

Part No	PWS 0300 0225 032
Groove Dimension	30.00 x 22.50 x 3.20
O Ring Size	21.89 X 2.62

32.0

Part No	PWS 0320 0245 032
Groove Dimension	32.00 x 24.50 x 3.20
O Ring Size	23.47 X 2.62

32.0

Part No	PWS 0320 0210 042
Groove Dimension	32.00 x 21.00 x 4.20
O Ring Size	20.22 x 3.53

34.0	
Part No	PWS 0340 0265 032
Groove Dimension	34.00 x 26.50 x 3.20
O Ring Size	26.64 x 2.62

35.0	
Part No	PWS 0350 0275 032
Groove Dimension	35.00 x 27.50 x 3.20
O Ring Size	26.64 X 2.26

35.0	
Part No	PWS 0350 0240 042
Groove Dimension	35.00 x 24.00 x 4.20
O Ring Size	23.40 x 3.53

36.0	
Part No	PWS 0360 0285 032
Groove Dimension	36.00 x 28.50x 3.20
O Ring Size	28.24 X 2.62

36.0	
Part No	PWS 0360 0250 042
Groove Dimension	36.00 x 25.00 x 4.20
O Ring Size	24.99 x 3.53

38.0	
Part No	PWS 0380 0305 032
Groove Dimension	38.00 x 30.50 x 3.20
O Ring Size	29.82 X 2.62

40.00	
Part No	PWS 0400 0290 042
Groove Dimension	40.00 x 29.00 x 4.20
O Ring Size	28.17 X 3.53

40.0	
Part No	PWS 0400 0245 063
Groove Dimension	40.00 x 24.50 x 6.30
O Ring Size	24.77 x 5.33

42.0	
Part No	PWS 0420 0310 042
Groove Dimension	42.00 x 31.00 x 4.20
O Ring Size	29.74 X 3.53

45.00	
Part No	PWS 0450 0295 063
Groove Dimension	45.00 x 29.50 x 6.30
O Ring Size	29.51 x 5.33

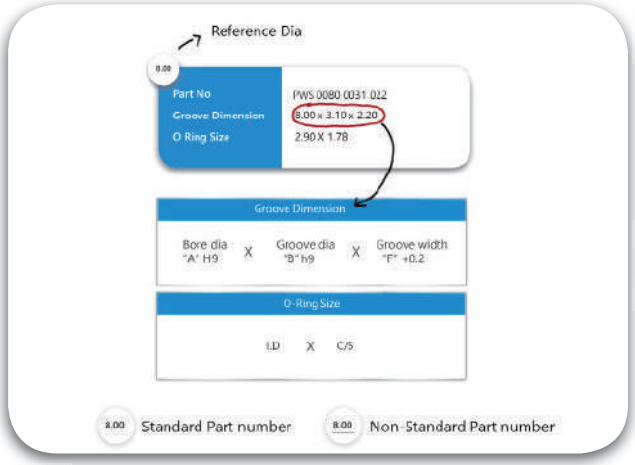
45.00	
Part No	PWS 0450 0340 042
Groove Dimension	45.00 x 34.00 x 4.20
O Ring Size	32.92 X 3.53

48.0	
Part No	PWS 0480 0370 042
Groove Dimension	48.00 x 37.00 x 4.20
O Ring Size	36.09 X 3.53

49.00	
Part No	PWS 0490 0380 042
Groove Dimension	49.00 x 38.00 x 4.20
O Ring Size	37.50 x 3.53

50.00	
Part No	PWS 0500 0345 063
Groove Dimension	50.00 x 34.50 x 6.30
O Ring Size	8.00 x 3.10 x 2.20

50.00	
Part No	PWS 0500 0390 042
Groove Dimension	50.00 x 39.00 x 4.20
O Ring Size	37.69 X 3.53



50.80

Part No	PWS 0508 0398 042
Groove Dimension	50.80 x 39.80 x 4.20
O Ring Size	37.69 X 3.53

52.00

Part No	PWS 0520 0365 063
Groove Dimension	52.00 x 36.50 x 6.30
O Ring Size	37.47 x 5.33

54.00

Part No	PWS 0540 0430 042
Groove Dimension	54.00 x 43.00 x 4.20
O Ring Size	42.50 x 3.55

55.00

Part No	PWS 0550 0440 042
Groove Dimension	55.00 x 44.00 x 4.20
O Ring Size	44.04 X 3.53

55.00

Part No	PWS 0550 0395 063
Groove Dimension	55.00 x 39.50 x 6.30
O Ring Size	40.64 x 5.33

56.00

Part No	PWS 0560 0450 042
Groove Dimension	56.00 x 45.00 x 4.20
O Ring Size	45.00 x 3.55

57.00

Part No	PWS 0570 0460 042
Groove Dimension	57.00 x 46.00 x 4.20
O Ring Size	44.04 X 3.53

60.00

Part No	PWS 0600 0445 063
Groove Dimension	60.00 x 44.50 x 6.30
O Ring Size	43.82 x 5.33

60.00

Part No	PWS 0600 0490 042
Groove Dimension	60.00 x 49.00 x 4.20
O Ring Size	47.22 X 3.53

63.00

Part No	PWS 0630 0520 042
Groove Dimension	63.00 x 52.00 x 4.20
O Ring Size	50.39 X 3.53

63.00

Part No	PWS 0630 0475 063
Groove Dimension	63.00 x 47.50 x 6.30
O Ring Size	46.99 x 5.33

63.50

Part No	PWS 0635 0525 042
Groove Dimension	63.50 x 52.50 x 4.20
O Ring Size	50.39 X 3.53

65.00

Part No	PWS 0650 0540 042
Groove Dimension	65.00 x 54.00 x 4.20
O Ring Size	53.57 X 3.53

65.00

Part No	PWS 0650 0490 063
Groove Dimension	65.00 x 49.00 x 6.30
O Ring Size	50.17 x 5.33

70.00

Part No	PWS 0700 0590 042
Groove Dimension	70.00 x 59.00 x 4.20
O Ring Size	56.74 X 3.53

70.00

Part No	PWS 0700 0545 063
Groove Dimension	70.00 x 54.00 x 6.30
O Ring Size	53.34 X 5.33

72.00

Part No	PWS 0720 0610 042
Groove Dimension	72.00 x 61.00x 4.20
O Ring Size	59.92 x 3.53

74.00

Part No	PWS 0740 0585 063
Groove Dimension	74.00 x 58.50 x 6.30
O Ring Size	56.52 x 5.33

75.00

Part No	PWS 0750 0640 042
Groove Dimension	75.00 x 64.00 x 4.20
O Ring Size	63.09 X 3.53

75.00

Part No	PWS 0750 0595 063
Groove Dimension	75.00 x 59.50 x 6.30
O Ring Size	59.69 x 5.33

76.20

Part No	PWS 0762 0652 042
Groove Dimension	76.20 x 65.20 x 4.20
O Ring Size	63.09 X 3.53

80.00

Part No	PWS 0800 0690 042
Groove Dimension	80.00 x 69.00 x 4.20
O Ring Size	68.26 x 3.53

80.00

Part No	PWS 0800 0645 063
Groove Dimension	80.00 x 64.50 x 6.30
O Ring Size	62.87 X 5.33

82.50

Part No	PWS 0825 0675 063
Groove Dimension	82.50 x 67.50 x 6.30
O Ring Size	66.04 X 5.33

85.00

Part No	PWS 0850 0695 063
Groove Dimension	85.00 x 69.50 x 6.30
O Ring Size	69.22 X 5.33

88.90

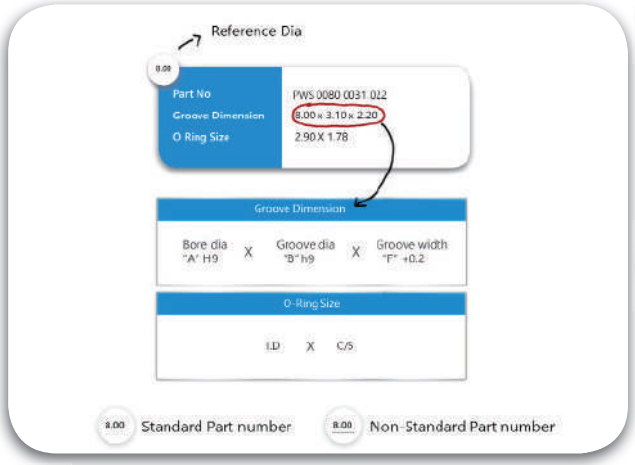
Part No	PWS 0889 0734 063
Groove Dimension	88.90 x 73.40 x 6.30
O Ring Size	72.39 x 5.34

90.00

Part No	PWS 0900 0745 063
Groove Dimension	90.00 x 74.50 x 6.30
O Ring Size	72.39 X 5.33

95.00

Part No	PWS 0950 0795 063
Groove Dimension	95.00 x 79.50 x 6.30
O Ring Size	78.74 X 5.33



100.00

Part No	PWS 1000 0845 063
Groove Dimension	100.00 x 84.50 x 6.30
O Ring Size	81.92 X 5.33

101.60

Part No	PWS 1016 0861 063
Groove Dimension	101.60 x 86.10 x 6.30
O Ring Size	85.09 X 5.33

105.00

Part No	PWS 1050 0895 063
Groove Dimension	105.00 x 89.50 x 6.30
O Ring Size	88.27 X 5.33

110.00

Part No	PWS 1100 0945 063
Groove Dimension	110.00 x 94.50 x 6.30
O Ring Size	94.62 X 5.33

115.00

Part No	PWS 1150 0995 063
Groove Dimension	115.00 x 99.50 x 6.30
O Ring Size	97.79 X 5.33

115.00

Part No	PWS 1150 0940 081
Groove Dimension	115.00 x 94.00 x 8.10
O Ring Size	94.00 X 7.00

118.00

Part No	PWS 1180 1025 063
Groove Dimension	118.00 x 102.50 x 6.30
O Ring Size	100.97 x 5.34

120.00

Part No	PWS 1200 1045 063
Groove Dimension	120.00 x 104.50 x 6.30
O Ring Size	104.14 X 5.33

125.00

Part No	PWS 1250 1095 063
Groove Dimension	125.00 x 109.00 x 6.30
O Ring Size	107.32 X 5.33

125.00

Part No	PWS 1250 1040 081
Groove Dimension	125.00 x 104.00 x 8.10
O Ring Size	101.00 X 7.00

127.00

Part No	PWS 1270 1115 063
Groove Dimension	127.00 x 111.50 x 6.30
O Ring Size	110.49 X 5.33

130.00

Part No	PWS 1300 1145 063
Groove Dimension	130.00 x 114.50 x 6.30
O Ring Size	113.67 X 5.33

130.00

Part No	PWS 1300 1090 081
Groove Dimension	130.00 x 109.00 x 8.10
O Ring Size	106.00 X 7.00

135.00

Part No	PWS 1350 1195 063
Groove Dimension	135.00 x 119.50 x 6.30
O Ring Size	116.84 x 5.33

135.00

Part No	PWS 1350 1140 081
Groove Dimension	135.00 x 114.00 x 8.10
O Ring Size	113.67 X 7.00

140.00

Part No	PWS 1400 1190 081
Groove Dimension	140.00 x 119.00 x 8.10
O Ring Size	116.84 X 7.00

145.00

Part No	PWS 1450 1240 081
Groove Dimension	145.00 x 124.00x 8.10
O Ring Size	123.19 X 7.00

150.00

Part No	PWS 1500 1290 081
Groove Dimension	150.00 x 129.00 x 8.10
O Ring Size	129.54 X 7.00

152.40

Part No	PWS 1524 1314 081
Groove Dimension	152.40 x 131.40 x 8.10
O Ring Size	129.54 x 7.00

160.00

Part No	PWS 1600 1390 081
Groove Dimension	160.00 x 139.50 x 8.10
O Ring Size	139.07 X 7.00

170.00

Part No	PWS 1700 1490 081
Groove Dimension	170.20 x 149.00 x 8.10
O Ring Size	148.59 X 7.00

177.80

Part No	PWS 1778 1568 081
Groove Dimension	177.80 x 156.80 x 8.10
O Ring Size	155.60 x 7.00

180.00

Part No	PWS 1800 1590 081
Groove Dimension	180.00 x 159.00 x 8.10
O Ring Size	158.12 X 7.00

185.00

Part No	PWS 1850 1640 081
Groove Dimension	185.00 x 164.00 x 8.10
O Ring Size	161.90 x 7.00

190.00

Part No	PWS 1900 1690 081
Groove Dimension	190.00 x 169.50 x 8.10
O Ring Size	164.47 X 7.00

200.00

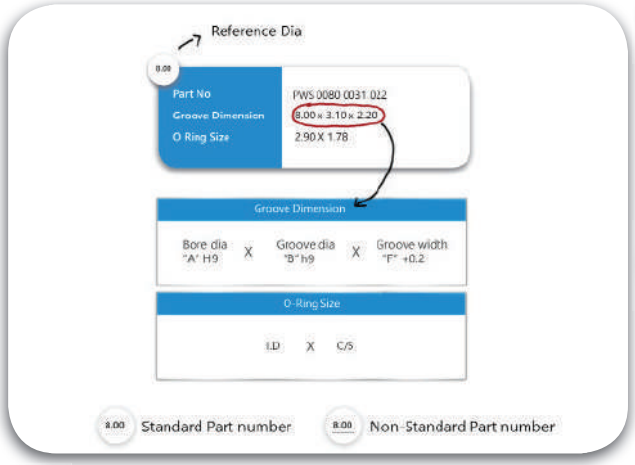
Part No	PWS 2000 1790 081
Groove Dimension	200.00 x 179.00 x 8.10
O Ring Size	177.17 X 7.00

203.20

Part No	PWS 2032 1822 081
Groove Dimension	203.20 x 182.20 x 8.10
O Ring Size	181.00 x 7.00

210.00

Part No	PWS 2100 1890 081
Groove Dimension	210.00 x 189.00 x 8.10
O Ring Size	189.87 X 7.00



220.00

Part No	PWS 2200 1990 081
Groove Dimension	220.00 x 199.00 x 8.10
O Ring Size	196.22 X 7.00

230.00

Part No	PWS 2300 2090 081
Groove Dimension	230.00 x 209.00 x 8.10
O Ring Size	202.57 X 7.00

240.00

Part No	PWS 2400 2190 081
Groove Dimension	240.00 x 219.00 x 8.10
O Ring Size	215.27 X 7.00

250.00

Part No	PWS 2500 2290 081
Groove Dimension	250.00 x 229.00 x 8.10
O Ring Size	227.97 X 7.00

300.00

Part No	PWS 3000 2790 081
Groove Dimension	300.00 x 279.00 x 8.10
O Ring Size	278.77 X 7.00

TRIADA

Rod Seals

Triada Sealing Guide

#SealingExcellence

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09 RTS B125-B143

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11 RHC3 B151-B155

12 RST B156-B160

13 RHC B161-B174

14 RSE B175-B182

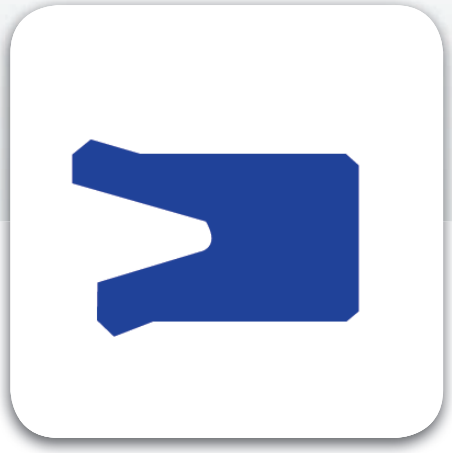
TRIADA

RUA

Rod Seals

#SealingExcellence



Description

The RUA is a Single Lip Rod U-Cup seal in TRIATHANE® (Polyurethane). The trimmed sealing lip provides an excellent static and dynamic tightness, the taper behind the lip reduces friction at the dynamic surface.



Diameter Range	Ø2.00 – Ø3500.00
Standard material	TRIATHANE® T479 (Polyurethane)
Temperature(°C)	-30° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based) depending on Seal Compounds selected.
Pressure	< 400 bar

Material Details

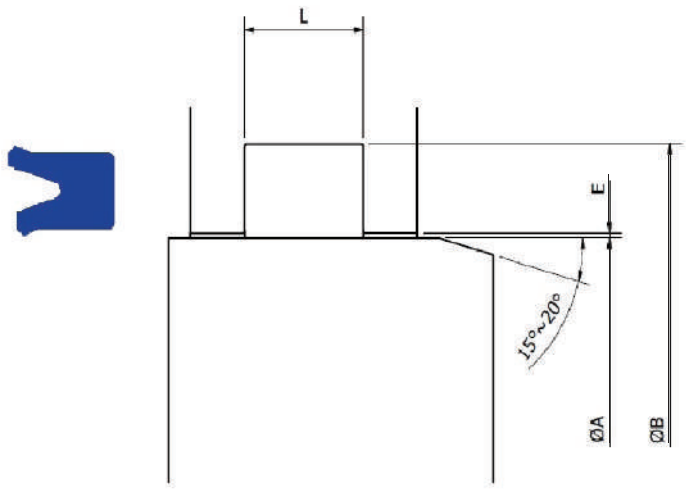
Material	Material Code
TRIATHANE® Polyurethane	T479
TRIAFLEX® NBR 90 Shore A	T591

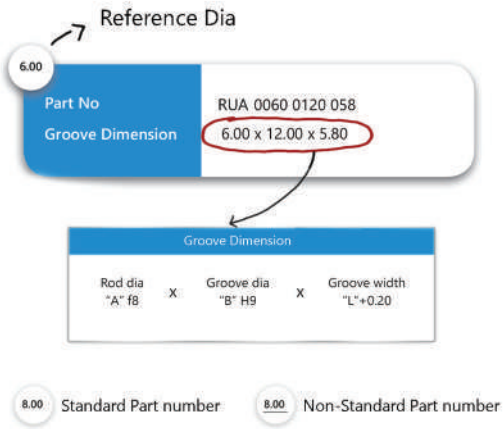
Nomenclature

Part No	RUA	0060	0120	058	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

Groove Details

Operating Pressure	Radial Clearance "E" Max	
MPa	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15





6.00

Part No	RUA 0060 0120 058
Groove Dimension	6.00 x 12.00 x 5.80

8.00

Part No	RUA 0080 0144 105
Groove Dimension	8.00 x 14.40 x 10.50

8.00

Part No	RUA 0080 0180 090
Groove Dimension	8.00 x 18.00 x 9.00

10.00

Part No	RUA 0100 0200 080
Groove Dimension	10.00 x 20.00 x 8.00

10.00

Part No	RUA 0100 0200 090
Groove Dimension	10.00 x 20.00 x 9.00

12.00

Part No	RUA 0120 0200 064
Groove Dimension	12.00 x 20.00 x 6.40

12.00

Part No	RUA 0120 0220 080
Groove Dimension	12.00 x 22.00 x 8.00

14.00

Part No	RUA 0140 0220 063
Groove Dimension	14.00 x 22.00 x 6.30

14.00

Part No	RUA 0140 0240 080
Groove Dimension	14.00 x 24.00 x 8.00

15.00

Part No	RUA 0150 0230 063
Groove Dimension	15.00 x 23.00 x 6.30

15.00

Part No	RUA 0150 0250 090
Groove Dimension	15.00 x 25.00 x 9.00

6.00

Part No	RUA 0060 0140 063
Groove Dimension	6.0 x 14.0 x 6.30

8.00

Part No	RUA 0080 0160 063
Groove Dimension	8.0 x 16.0 x 6.30

10.00

Part No	RUA 0100 0180 063
Groove Dimension	10.00 x 18.00 x 6.30

12.00

Part No	RUA 0120 0200 055
Groove Dimension	12.00 x 20.00 x 5.50

12.00

Part No	RUA 0120 0220 090
Groove Dimension	12.00 x 22.00 x 9.00

14.00

Part No	RUA 0140 0240 090
Groove Dimension	14.00 x 24.00 x 9.00

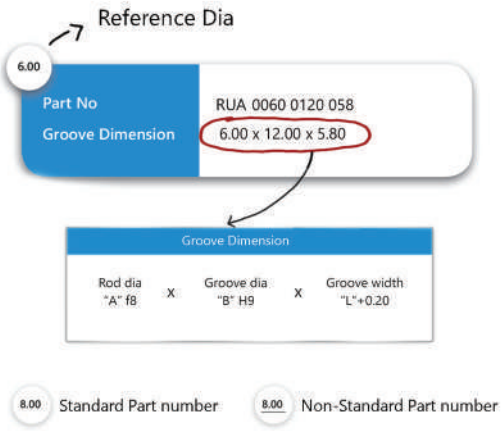
16.00

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Groove Dimension	16.00 x 20.60 x 3.60

16.00	Part No	RUA 0160 0220 060
	Groove Dimension	16.00 x 22.00 x 6.00
16.00	Part No	RUA 0160 0260 080
	Groove Dimension	16.00 x 26.00 x 8.00
18.00	Part No	RUA 0180 0240 053
	Groove Dimension	18.00 x 24.00 x 5.30
18.00	Part No	RUA 0180 0260 090
	Groove Dimension	18.00 x 26.00 x 9.00
18.00	Part No	RUA 0180 0340 090
	Groove Dimension	18.00 x 34.00 x 9.00
20.00	Part No	RUA 0200 0280 063
	Groove Dimension	20.00 x 28.00 x 6.30
20.00	Part No	RUA 0200 0300 080
	Groove Dimension	20.00 x 30.00 x 8.00

16.00	Part No	RUA 0160 0240 063
	Groove Dimension	16.00 x 24.00 x 6.30
16.00	Part No	RUA 0160 0260 090
	Groove Dimension	16.00 x 26.00 x 9.00
18.00	Part No	RUA 0180 0240 060
	Groove Dimension	18.00 x 24.00 x 6.00
18.00	Part No	RUA 0180 0280 080
	Groove Dimension	18.00 x 28.00 x 8.00
20.00	Part No	RUA 0200 0260 060
	Groove Dimension	20.00 x 26.00 x 6.00
20.00	Part No	RUA 0200 0280 070
	Groove Dimension	20.00 x 28.00 x 7.00
20.00	Part No	RUA 0200 0300 090
	Groove Dimension	20.00 x 30.00 x 9.00

16.00	Part No	RUA 0160 0240 070
	Groove Dimension	16.00 x 24.00 x 7.00
16.00	Part No	RUA 0160 0260 100
	Groove Dimension	16.00 x 26.00 x 10.00
18.00	Part No	RUA 0180 0260 063
	Groove Dimension	18.00 x 26.00 x 6.30
18.00	Part No	RUA 0180 0280 090
	Groove Dimension	18.00 x 28.00 x 9.00
20.00	Part No	RUA 0200 0280 060
	Groove Dimension	20.00 x 28.00 x 6.00
20.00	Part No	RUA 0200 0280 080
	Groove Dimension	20.00 x 28.00 x 8.00
20.00	Part No	RUA 0200 0300 110
	Groove Dimension	20.00 x 30.00 x 11.0



22.00
Part No RUA 0220 0320 110
Groove Dimension 22.00 x 32.00 x 11.00

25.00
Part No RUA 0250 0320 070
Groove Dimension 25.00 x 32.00 x 7.00

25.00
Part No RUA 0250 0330 080
Groove Dimension 25.00 x 33.00 x 8.00

25.00
Part No RUA 0250 0350 090
Groove Dimension 25.00 x 35.00 x 9.00

20.00
Part No RUA 0200 0350 110
Groove Dimension 20.00 x 35.00 x 11.00

22.00
Part No RUA 0220 0300 090
Groove Dimension 22.00 x 30.00 x 9.00

22.00
Part No RUA 0220 0320 090
Groove Dimension 22.00 x 32.00 x 9.00

24.00
Part No RUA 0240 0340 080
Groove Dimension 24.00 x 34.00 x 8.00

25.00
Part No RUA 0250 0330 063
Groove Dimension 25.00 x 33.00 x 6.30

25.00
Part No RUA 0250 0330 110
Groove Dimension 25.00 x 33.00 x11.00

25.00
Part No RUA 0250 0350 110
Groove Dimension 25.00 x 35.00 x 11.00

22.00
Part No RUA 0220 0300 064
Groove Dimension 22.0 x 30.0 x 6.40

22.00
Part No RUA 0220 0320 080
Groove Dimension 22.0 x 32.0 x 8.00

22.00
Part No RUA 0220 0320 100
Groove Dimension 22.00 x 32.00 x 10.00

24.00
Part No RUA 0240 0340 095
Groove Dimension 24.00 x 34.00 x 9.50

25.00
Part No RUA 0250 0330 070
Groove Dimension 25.00 x 33.00 x 7.00

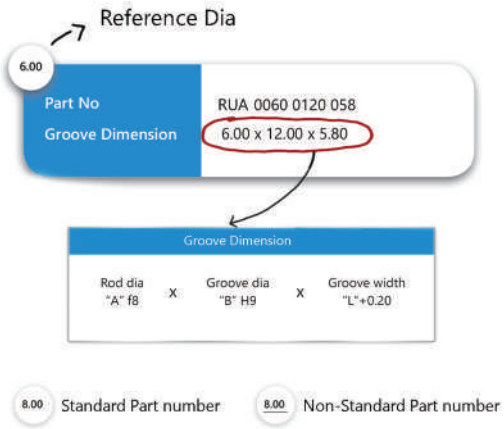
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Part No RUA 0250 0350 080
Groove Dimension 25.00 x 35.00 x 8.00

25.00
Part No RUA 0250 0380 100
Groove Dimension 25.00 x 38.00 x 10.00

25.00	Part No	RUA 0250 0400 110
	Groove Dimension	25.00 x 40.00 x 11.00
28.00	Part No	RUA 0280 0380 090
	Groove Dimension	28.00 x 38.00 x 9.00
28.00	Part No	RUA 0280 0400 110
	Groove Dimension	28.00 x 40.00 x 11.00
30.00	Part No	RUA 0300 0380 063
	Groove Dimension	30.00 x 38.00 x 6.30
30.00	Part No	RUA 0300 0400 080
	Groove Dimension	30.00 x 40.00 x 8.00
30.00	Part No	RUA 0300 0430 100
	Groove Dimension	30.00 x 43.00 x 10.00
32.00	Part No	RUA 0320 0400 063
	Groove Dimension	32.00 x 40.00 x 6.30

28.00	Part No	RUA 0280 0360 063
	Groove Dimension	28.00 x 36.00 x 6.30
28.00	Part No	RUA 0280 0380 110
	Groove Dimension	28.00 x 38.00 x 11.00
28.00	Part No	RUA 0280 0430 125
	Groove Dimension	28.00 x 43.00 x 12.50
30.00	Part No	RUA 0300 0380 090
	Groove Dimension	30.00 x 38.00 x 9.00
30.00	Part No	RUA 0300 0400 105
	Groove Dimension	30.00 x 40.00 x 10.50
30.00	Part No	RUA 0300 0450 090
	Groove Dimension	30.00 x 45.00 x 9.00
32.00	Part No	RUA 0320 0400 090
	Groove Dimension	32.00 x 40.00 x 9.00

28.00	Part No	RUA 0280 0380 080
	Groove Dimension	28.00 x 38.00 x 8.00
28.00	Part No	RUA 0280 0400 095
	Groove Dimension	28.00 x 40.00 x 9.50
29.00	Part No	RUA 0290 0350 063
	Groove Dimension	29.00 x 35.00 x 6.30
30.00	Part No	RUA 0300 0400 063
	Groove Dimension	30.00 x 40.00 x 6.30
30.00	Part No	RUA 0300 0400 110
	Groove Dimension	30.00 x 40.00 x 11.00
30.00	Part No	RUA 0300 0450 110
	Groove Dimension	30.00 x 45.00 x 11.00
32.00	Part No	RUA 0320 0420 080
	Groove Dimension	32.00 x 42.00 x 8.00



33.00
Part No RUA 0330 0430 110
Groove Dimension 33.00 x 43.00 x 11.00

35.00
Part No RUA 0350 0450 080
Groove Dimension 35.00 x 45.00 x 8.00

35.00
Part No RUA 0350 0460 090
Groove Dimension 35.00 x 46.00 x 9.00

35.00
Part No RUA 0350 0500 110
Groove Dimension 35.00 x 50.00 x 11.00

32.00
Part No RUA 0320 0420 090
Groove Dimension 32.00 x 42.00 x 9.00

32.00
Part No RUA 0320 0425 090
Groove Dimension 32.00 x 42.50 x 9.00

32.00
Part No RUA 0320 0450 110
Groove Dimension 32.00 x 45.00 x 11.00

35.00
Part No RUA 0350 0430 063
Groove Dimension 35.00 x 43.00 x 6.30

35.00
Part No RUA 0350 0450 110
Groove Dimension 35.00 x 45.00 x 11.00

35.00
Part No RUA 0350 0460 100
Groove Dimension 35.00 x 46.00 x 10.00

35.00
Part No RUA 0350 0550 130
Groove Dimension 35.00 x 55.00 x 13.00

32.00
Part No RUA 0320 0420 110
Groove Dimension 32.00 x 42.00 x 11.00

32.00
Part No RUA 0320 0450 105
Groove Dimension 32.00 x 45.00 x 10.50

32.00
Part No RUA 0320 0470 110
Groove Dimension 32.00 x 47.00 x 11.00

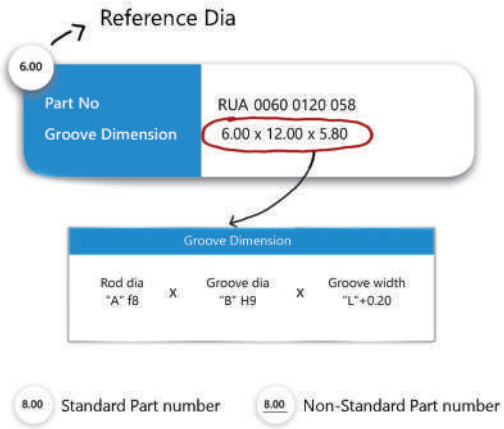
35.00
Part No RUA 0350 0430 090
Groove Dimension 35.00 x 43.00 x 9.00

35.00
Part No RUA 0350 0450 135
Groove Dimension 35.00 x 45.00 x 13.50

35.00
Part No RUA 0350 0470 090
Groove Dimension 35.00 x 47.00 x 9.00

36.00
Part No RUA 0360 0440 064
Groove Dimension 36.00 x 44.00 x 6.40

36.00	Part No	RUA 0360 0440 090
	Groove Dimension	36.00 x 44.00 x 9.00
36.00	Part No	RUA 0360 0460 080
	Groove Dimension	36.00 x 46.00 x 8.00
36.00	Part No	RUA 0360 0460 110
	Groove Dimension	36.00 x 46.00 x 11.00
36.00	Part No	RUA 0360 0480 080
	Groove Dimension	36.00 x 48.00 x 8.00
36.00	Part No	RUA 0360 0480 090
	Groove Dimension	36.00 x 48.00 x 9.00
36.00	Part No	RUA 0360 0510 110
	Groove Dimension	36.00 x 51.00 x 11.00
36.00	Part No	RUA 0360 0510 125
	Groove Dimension	36.00 x 51.00 x 12.50
37.00	Part No	RUA 0370 0450 063
	Groove Dimension	37.00 x 45.00 x 6.30
38.00	Part No	RUA 0380 0445 053
	Groove Dimension	38.00 x 44.50 x 5.30
38.00	Part No	RUA 0380 0450 055
	Groove Dimension	38.00 x 45.00 x 5.50
38.00	Part No	RUA 0380 0450 070
	Groove Dimension	38.00 x 45.00 x 7.00
40.00	Part No	RUA 0400 0480 063
	Groove Dimension	40.00 x 48.00 x 6.30
40.00	Part No	RUA 0400 0480 090
	Groove Dimension	40.00 x 48.00 x 9.00
40.00	Part No	RUA 0400 0495 105
	Groove Dimension	40.00 x 49.50 x 10.50
40.00	Part No	RUA 0400 0500 080
	Groove Dimension	40.00 x 50.00 x 8.00
40.00	Part No	RUA 0400 0500 100
	Groove Dimension	40.00 x 50.00 x 10.00
40.00	Part No	RUA 0400 0500 110
	Groove Dimension	40.00 x 50.00 x 11.00
40.00	Part No	RUA 0400 0500 135
	Groove Dimension	40.00 x 50.00 x 13.50
40.00	Part No	RUA 0400 0520 090
	Groove Dimension	40.00 x 52.00 x 9.00
40.00	Part No	RUA 0400 0550 110
	Groove Dimension	40.00 x 55.00 x 11.00
40.00	Part No	RUA 0400 0550 125
	Groove Dimension	40.00 x 55.00 x 12.50



45.00
Part No RUA 0450 0550 080
Groove Dimension 45.00 x 55.00 x 8.00

45.00
Part No RUA 0450 0580 100
Groove Dimension 45.00 x 58.00 x 10.00

45.00
Part No RUA 0450 0650 110
Groove Dimension 45.00 x 65.00 x 11.00

46.00
Part No RUA 0460 0560 080
Groove Dimension 46.00 x 56.00 x 8.00

40.00
Part No RUA 0400 0600 130
Groove Dimension 40.00 x 60.00 x 13.00

42.00
Part No RUA 0420 0620 130
Groove Dimension 42.00 x 62.00 x 13.00

45.00
Part No RUA 0450 0530 110
Groove Dimension 45.00 x 53.00 x 11.00

45.00
Part No RUA 0450 0550 110
Groove Dimension 45.00 x 55.00 x 11.00

45.00
Part No RUA 0450 0600 110
Groove Dimension 45.00 x 60.00 x 11.00

45.00
Part No RUA 0450 0650 130
Groove Dimension 45.00 x 65.00 x 13.00

50.00
Part No RUA 0500 0600 080
Groove Dimension 50.00 x 60.00 x 8.00

42.00
Part No RUA 0420 0620 110
Groove Dimension 42.00 x 62.00 x 11.00

45.00
Part No RUA 0450 0530 063
Groove Dimension 45.00 x 53.00 x 6.30

45.00
Part No RUA 0450 0530 130
Groove Dimension 45.00 x 53.00 x 13.00

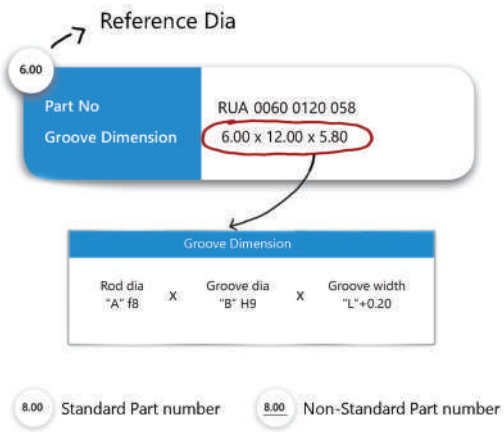
45.00
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Groove Dimension 45.00 x 57.70 x 10.50

45.00
Part No RUA 0450 0600 125
Groove Dimension 45.00 x 60.00 x 12.50

45.00
Part No RUA 0450 0650 145
Groove Dimension 45.00 x 65.00 x 14.50

50.00
Part No RUA 0500 0600 110
Groove Dimension 50.00 x 60.00 x 11.00

50.00	Part No	RUA 0500 0600 130
	Groove Dimension	50.00 x 60.00 x 13.00
50.00	Part No	RUA 0500 0620 090
	Groove Dimension	50.00 x 62.00 x 9.00
50.00	Part No	RUA 0500 0620 100
	Groove Dimension	50.00 x 62.00 x 10.00
50.00	Part No	RUA 0500 0627 105
	Groove Dimension	50.00 x 62.70 x 10.50
50.00	Part No	RUA 0500 0630 110
	Groove Dimension	50.00 x 63.00 x 11.00
50.00	Part No	RUA 0500 0650 110
	Groove Dimension	50.00 x 65.00 x 11.00
50.00	Part No	RUA 0500 0650 125
	Groove Dimension	50.00 x 65.00 x 12.50
50.00	Part No	RUA 0500 0680 100
	Groove Dimension	50.00 x 68.00 x 10.00
50.00	Part No	RUA 0500 0700 110
	Groove Dimension	50.00 x 70.00 x 11.00
50.00	Part No	RUA 0500 0700 130
	Groove Dimension	50.00 x 70.00 x 13.00
50.00	Part No	RUA 0500 0700 145
	Groove Dimension	50.00 x 70.00 x 14.50
52.00	Part No	RUA 0520 0620 110
	Groove Dimension	52.00 x 62.00 x 11.00
52.00	Part No	RUA 0520 0620 130
	Groove Dimension	52.00 x 62.00 x 13.00
55.00	Part No	RUA 0550 0630 130
	Groove Dimension	55.00 x 63.00 x 13.00
55.00	Part No	RUA 0550 0650 080
	Groove Dimension	55.00 x 65.00 x 8.00
55.00	Part No	RUA 0550 0650 110
	Groove Dimension	55.00 x 65.00 x 11.00
55.00	Part No	RUA 0550 0650 130
	Groove Dimension	55.00 x 65.00 x 13.00
55.00	Part No	RUA 0550 0650 145
	Groove Dimension	55.00 x 65.00 x 14.50
55.00	Part No	RUA 0550 0670 110
	Groove Dimension	55.00 x 67.00 x 11.00
55.00	Part No	RUA 0550 0680 110
	Groove Dimension	55.00 x 68.00 x 11.00
55.00	Part No	RUA 0550 0700 110
	Groove Dimension	55.00 x 70.00 x 11.00

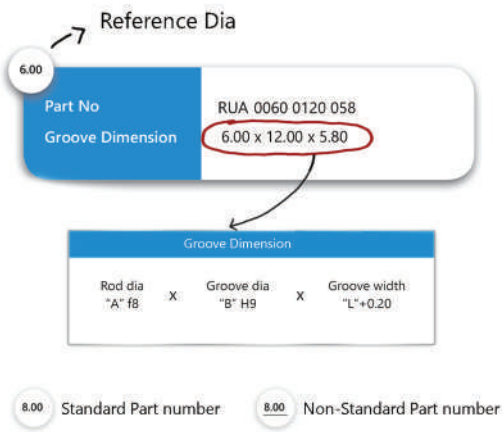


55.00	Part No	RUA 0550 0700 130
	Groove Dimension	55.00 x 70.00 x 13.00
55.00	Part No	RUA 0550 0750 130
	Groove Dimension	55.00 x 75.00 x 13.00
55.00	Part No	RUA 0550 0750 145
	Groove Dimension	55.00 x 75.00 x 14.50
56.00	Part No	RUA 0560 0660 110
	Groove Dimension	56.00 x 66.00 x 11.00
56.00	Part No	RUA 0560 0710 110
	Groove Dimension	56.00 x 71.00 x 11.00
56.00	Part No	RUA 0560 0710 125
	Groove Dimension	56.00 x 71.00 x 12.50
56.00	Part No	RUA 0560 0710 135
	Groove Dimension	56.00 x 71.00 x 13.50
56.00	Part No	RUA 0560 0760 130
	Groove Dimension	56.00 x 76.00 x 13.00
56.00	Part No	RUA 0560 0760 145
	Groove Dimension	56.00 x 76.00 x 14.50
56.00	Part No	RUA 0560 0760 160
	Groove Dimension	56.00 x 76.00 x 16.00
60.00	Part No	RUA 0600 0680 135
	Groove Dimension	60.00 x 68.00 x 13.50
60.00	Part No	RUA 0600 0700 080
	Groove Dimension	60.00 x 70.00 x 8.00
60.00	Part No	RUA 0600 0700 110
	Groove Dimension	60.00 x 70.00 x 11.00
60.00	Part No	RUA 0600 0700 130
	Groove Dimension	60.00 x 70.00 x 13.00
60.00	Part No	RUA 0600 0720 090
	Groove Dimension	60.00 x 72.00 x 9.00
60.00	Part No	RUA 0600 0720 100
	Groove Dimension	60.00 x 72.00 x 10.00
60.00	Part No	RUA 0600 0730 110
	Groove Dimension	60.00 x 73.00 x 11.00
60.00	Part No	RUA 0600 0750 110
	Groove Dimension	60.00 x 75.00 x 11.00

60.00	Part No	RUA 0600 0750 130
	Groove Dimension	60.00 x 75.00 x 13.00
60.00	Part No	RUA 0600 0800 145
	Groove Dimension	60.00 x 80.00 x 14.50
63.00	Part No	RUA 0630 0730 110
	Groove Dimension	63.00 x 73.00 x 11.00
63.00	Part No	RUA 0630 0750 130
	Groove Dimension	63.00 x 75.00 x 13.00
63.00	Part No	RUA 0630 0780 130
	Groove Dimension	63.00 x 78.00 x 13.00
63.00	Part No	RUA 0630 0830 160
	Groove Dimension	63.00 x 83.00 x 16.00
65.00	Part No	RUA 0650 0750 130
	Groove Dimension	65.00 x 75.00 x 13.00

60.00	Part No	RUA 0600 0770 120
	Groove Dimension	60.00 x 77.00 x 12.00
61.00	Part No	RUA 0610 0690 085
	Groove Dimension	61.00 x 69.00 x 8.50
63.00	Part No	RUA 0630 0730 130
	Groove Dimension	63.00 x 73.00 x 13.00
63.00	Part No	RUA 0630 0780 110
	Groove Dimension	63.00 x 78.00 x 11.00
63.00	Part No	RUA 0630 0830 130
	Groove Dimension	63.00 x 83.00 x 13.00
65.00	Part No	RUA 0650 0730 100
	Groove Dimension	65.00 x 73.00 x 10.00
65.00	Part No	RUA 0650 0750 145
	Groove Dimension	65.00 x 75.00 x 14.50

60.00	Part No	RUA 0600 0800 130
	Groove Dimension	60.00 x 80.00 x 13.00
62.00	Part No	RUA 0620 0740 140
	Groove Dimension	62.00 x 74.00 x 14.00
63.00	Part No	RUA 0630 0750 096
	Groove Dimension	63.00 x 75.00 x 9.60
63.00	Part No	RUA 0630 0780 125
	Groove Dimension	63.00 x 78.00 x 12.50
63.00	Part No	RUA 0630 0830 145
	Groove Dimension	63.00 x 83.00 x 14.50
65.00	Part No	RUA 0650 0750 110
	Groove Dimension	65.00 x 75.00 x 11.00
65.00	Part No	RUA 0650 0770 096
	Groove Dimension	65.00 x 77.00 x 9.60



70.00	
Part No	RUA 0700 0800 080
Groove Dimension	70.00 x 80.00 x 8.00

70.00	
Part No	RUA 0700 0820 096
Groove Dimension	70.00 x 82.00 x 9.60

70.00	
Part No	RUA 0700 0850 130
Groove Dimension	70.00 x 85.00 x 13.00

70.00	
Part No	RUA 0700 0900 160
Groove Dimension	70.00 x 90.00 x 16.00

65.00	
Part No	RUA 0650 0770 100
Groove Dimension	65.00 x 77.00 x 10.00

65.00	
Part No	RUA 0650 0800 130
Groove Dimension	65.00 x 80.00 x 13.00

65.00	
Part No	RUA 0650 0850 145
Groove Dimension	65.00 x 85.00 x 14.50

70.00	
Part No	RUA 0700 0800 110
Groove Dimension	70.00 x 80.00 x 11.00

70.00	
Part No	RUA 0700 0850 110
Groove Dimension	70.00 x 85.00 x 11.00

70.00	
Part No	RUA 0700 0900 130
Groove Dimension	70.00 x 90.00 x 13.00

73.00	
Part No	RUA 0730 0825 080
Groove Dimension	73.00 x 82.50 x 8.00

65.00	
Part No	RUA 0650 0800 110
Groove Dimension	65.00 x 80.00 x 11.00

65.00	
Part No	RUA 0650 0850 130
Groove Dimension	65.00 x 85.00 x 13.00

70.00	
Part No	RUA 0700 0800 065
Groove Dimension	70.00 x 80.00 x 6.50

70.00	
Part No	RUA 0700 0800 130
Groove Dimension	70.00 x 80.00 x 13.00

70.00	
Part No	RUA 0700 0850 125
Groove Dimension	70.00 x 85.00 x 12.50

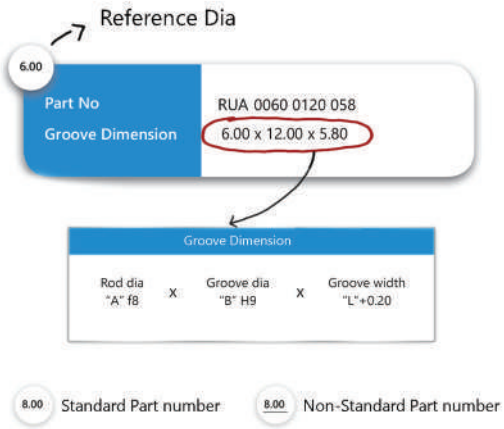
70.00	
Part No	RUA 0700 0900 145
Groove Dimension	70.00 x 90.00 x 14.50

75.00	
Part No	RUA 0750 0850 080
Groove Dimension	75.00 x 85.00 x 8.00

75.00	Part No	RUA 0750 0850 130
	Groove Dimension	75.00 x 85.00 x 13.00
75.00	Part No	RUA 0750 0900 130
	Groove Dimension	75.00 x 90.00 x 13.00
75.00	Part No	RUA 0760 0840 085
	Groove Dimension	76.00 x 84.00 x 8.50
80.00	Part No	RUA 0800 0900 130
	Groove Dimension	80.00 x 90.00 x 13.00
80.00	Part No	RUA 0800 0950 110
	Groove Dimension	80.00 x 95.00 x 11.0
80.00	Part No	RUA 0800 1000 130
	Groove Dimension	80.00 x 100.00 x 13.0
85.00	Part No	RUA 0850 0950 080
	Groove Dimension	85.00 x 95.00 x 8.00

75.00	Part No	RUA 0750 0870 096
	Groove Dimension	75.00 x 87.00 x 9.60
75.00	Part No	RUA 0750 0950 130
	Groove Dimension	75.00 x 95.00 x 13.00
80.00	Part No	RUA 0800 0900 080
	Groove Dimension	80.00 x 90.00 x 8.00
80.00	Part No	RUA 0800 0900 150
	Groove Dimension	80.00 x 90.00 x 15.00
80.00	Part No	RUA 0800 0950 125
	Groove Dimension	80.00 x 95.00 x 12.50
80.00	Part No	RUA 0800 1000 145
	Groove Dimension	80.00 x 100.00 x 14.50
85.00	Part No	RUA 0850 1000 120
	Groove Dimension	85.00 x 100.00 x 12.00

75.00	Part No	RUA 0750 0900 110
	Groove Dimension	75.00 x 90.00 x 11.00
75.00	Part No	RUA 0750 0950 145
	Groove Dimension	75.00 x 95.00 x 14.50
80.00	Part No	RUA 0800 0900 110
	Groove Dimension	80.00 x 90.00 x 11.00
80.00	Part No	RUA 0800 0920 096
	Groove Dimension	80.00 x 92.00 x 9.60
80.00	Part No	RUA 0800 0950 130
	Groove Dimension	80.00 x 95.00 x 13.00
80.00	Part No	RUA 0800 1000 160
	Groove Dimension	80.00 x 100.00 x 16.00
85.00	Part No	RUA 0850 1000 125
	Groove Dimension	85.00 x 100.00 x 12.50



90.00
Part No RUA 0900 1050 125
Groove Dimension 90.00 x 105.00 x 12.50

90.00
Part No RUA 0900 1100 160
Groove Dimension 90.00 x 110.00 x 16.00

95.00
Part No RUA 0950 1050 110
Groove Dimension 95.00 x 105.00 x 11.00

98.00
Part No RUA 0980 1180 110
Groove Dimension 98.00 x 118.00 x 11.00

85.00
Part No RUA 0850 1000 130
Groove Dimension 85.00 x 100.00 x 13.00

85.00
Part No RUA 0850 1050 145
Groove Dimension 85.00 x 105.00 x 14.50

90.00
Part No RUA 0900 1050 095
Groove Dimension 90.00 x 105.00 x 9.50

90.00
Part No RUA 0900 1050 130
Groove Dimension 90.00 x 105.00 x 13.00

91.00
Part No RUA 0910 0990 085
Groove Dimension 91.00 x 99.00 x 8.50

95.00
Part No RUA 0950 1100 130
Groove Dimension 95.00 x 110.00 x 13.00

100.00
Part No RUA 1000 1100 150
Groove Dimension 100.00 x 110.00 x 15.00

85.00
Part No RUA 0850 1050 130
Groove Dimension 85.00 x 105.00 x 13.00

90.00
Part No RUA 0900 1000 125
Groove Dimension 90.00 x 100.00 x 12.50

90.00
Part No RUA 0900 1050 105
Groove Dimension 90.00 x 105.00 x 10.50

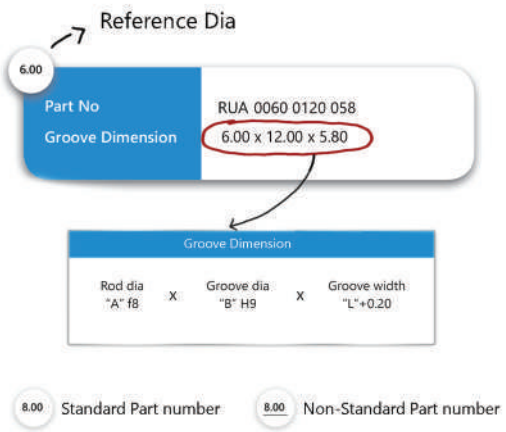
90.00
Part No RUA 0900 1100 130
Groove Dimension 90.00 x 110.00 x 13.00

93.00
Part No RUA 0930 1040 110
Groove Dimension 93.00 x 104.00 x 11.00

95.00
Part No RUA 0950 1150 130
Groove Dimension 95.00 x 115.00 x 13.00

100.00
Part No RUA 1000 1130 135
Groove Dimension 100.00 x 113.00 x 13.50

100.00	100.00	100.00
Part No: RUA 1000 1150 115	Part No: RUA 1000 1150 130	Part No: RUA 1000 1200 130
Groove Dimension: 100.00 x 115.00 x 11.50	Groove Dimension: 100.00 x 115.00 x 13.00	Groove Dimension: 100.00 x 120.00 x 13.00
100.00	100.00	100.00
Part No: RUA 1000 1200 145	Part No: RUA 1000 1200 160	Part No: RUA 1000 1250 200
Groove Dimension: 100.00 x 120.00 x 14.50	Groove Dimension: 100.00 x 120.00 x 16.00	Groove Dimension: 100.00 x 125.00 x 20.00
105.00	105.00	105.00
Part No: RUA 1050 1150 110	Part No: RUA 1050 1150 125	Part No: RUA 1050 1150 130
Groove Dimension: 105.00 x 115.00 x 11.00	Groove Dimension: 105.00 x 115.00 x 12.50	Groove Dimension: 105.00 x 115.00 x 13.00
105.00	105.00	105.00
Part No: RUA 1050 1150 145	Part No: RUA 1050 1250 130	Part No: RUA 1050 1250 160
Groove Dimension: 105.00 x 115.00 x 14.50	Groove Dimension: 105.00 x 125.00 x 13.00	Groove Dimension: 105.00 x 125.00 x 16.00
110.00	110.00	110.00
Part No: RUA 1100 1250 120	Part No: RUA 1100 1250 160	Part No: RUA 1100 1300 130
Groove Dimension: 110.00 x 125.00 x 12.00	Groove Dimension: 110.00 x 125.00 x 16.00	Groove Dimension: 110.00 x 130.00 x 13.00
110.00	115.00	120.00
Part No: RUA 1100 1300 160	Part No: RUA 1150 1300 120	Part No: RUA 1200 1350 125
Groove Dimension: 110.00 x 130.00 x 16.00	Groove Dimension: 115.00 x 130.00 x 12.00	Groove Dimension: 120.00 x 135.00 x 12.50
120.00	120.00	125.00
Part No: RUA 1200 1350 160	Part No: RUA 1200 1400 160	Part No: RUA 1250 1450 160
Groove Dimension: 120.00 x 135.00 x 16.00	Groove Dimension: 120.00 x 140.00 x 16.00	Groove Dimension: 125.00 x 145.00 x 16.00



170.00	
Part No	RUA 1700 1900 160
Groove Dimension	170.00 x 190.00 x 16.00
200.00	
Part No	RUA 2000 2120 160
Groove Dimension	200.00 x 212.00 x 16.00
210.00	
Part No	RUA 2100 2300 130
Groove Dimension	210.00 x 230.00 x 13.00
230.00	
Part No	RUA 2300 2500 160
Groove Dimension	230.00 x 250.00 x 16.00

130.00	
Part No	RUA 1300 1500 130
Groove Dimension	130.00 x 135.00 x 13.00
140.00	
Part No	RUA 1400 1600 160
Groove Dimension	140.00 x 160.00 x 16.00
160.00	
Part No	RUA 1600 1800 130
Groove Dimension	160.00 x 180.00 x 13.00
180.00	
Part No	RUA 1800 2000 160
Groove Dimension	180.00 x 200.00 x 16.00
200.00	
Part No	RUA 2000 2200 160
Groove Dimension	200.00 x 220.00 x 16.00
210.00	
Part No	RUA 2100 2300 160
Groove Dimension	210.00 x 230.00 x 16.00
240.00	
Part No	RUA 2400 2600 160
Groove Dimension	240.00 x 260.00 x 16.00

130.00	
Part No	RUA 1300 1500 160
Groove Dimension	130.00 x 150.00 x 16.00
150.00	
Part No	RUA 1500 1700 160
Groove Dimension	150.00 x 170.00 x 16.00
160.00	
Part No	RUA 1600 1800 160
Groove Dimension	160.00 x 180.00 x 16.00
190.00	
Part No	RUA 1900 2100 160
Groove Dimension	190.00 x 210.00 x 16.00
200.00	
Part No	RUA 2000 2250 170
Groove Dimension	200.00 x 225.00 x 17.00
220.00	
Part No	RUA 2200 2400 160
Groove Dimension	220.00 x 240.00 x 16.00
250.00	
Part No	RUA 2500 2700 160
Groove Dimension	250.00 x 270.00 x 16.00

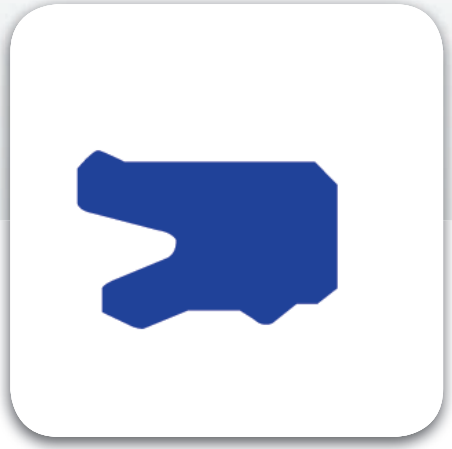
TRIADA

RUB

Rod Seals

#SealingExcellence



Description

The RUB type Seal is similar to the RUA type, but on the dynamic side, it presents a multifunctional Secondary lip which:

•Reduces the stick-slip effect by maintaining a thin film of oil between the Secondary lip and the Primary Lip.

•Creates a barrier for any external impurities, which has managed to pass through the Wiper Lips, from entering into the system

•Compensates for the material shrinkage at very low temperatures.

•Functions as a stabilizer, particularly during spike pressures.



Diameter Range	Ø6.00 – Ø3500.00
Standard material	TRIATHANE® T479(Polyurathane)
Temperature(°C)	-35° C to 100° C
Speed	≤ 0.50 m/s
Fluids	Mineral Hydraulic Fluids
Pressure	≤ 400 bar

Material Details

Material	Material Code
TRIATHANE® Polyurethane	T479

Nomenclature

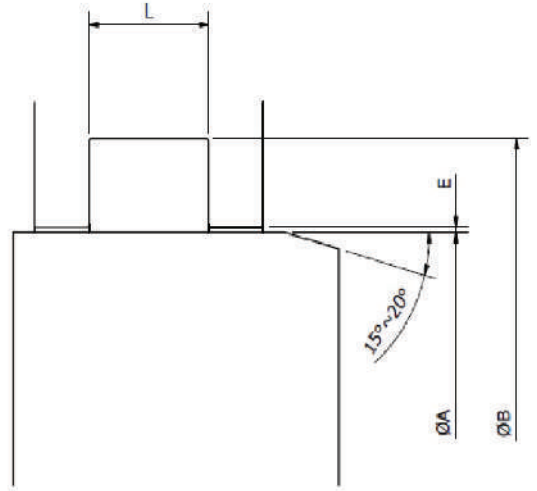
Part No	RUB	1000	1200	130	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

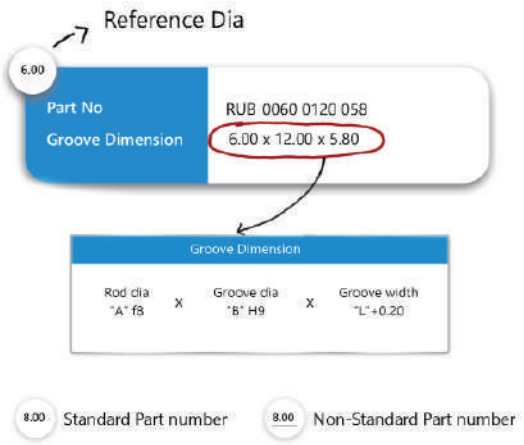


Groove Details

Operating Pressure	Radial Clearance "E" Max	
MPa	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15





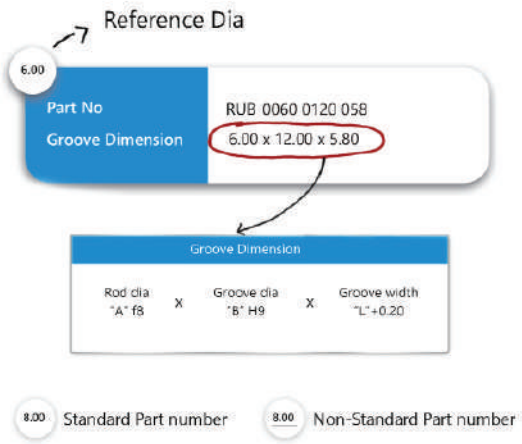


6.00	Part No	RUB 0060 0140 063
	Groove Dimension	6.00 x 14.00 x 6.30
8.00	Part No	RUB 0080 0160 063
	Groove Dimension	8.00 x 16.00 x 6.30
10.00	Part No	RUB 0100 0180 063
	Groove Dimension	10.00 x 18.00 x 6.30
10.00	Part No	RUB 0100 0200 080
	Groove Dimension	10.00 x 20.00 x 8.00
12.00	Part No	RUB 0120 0190 056
	Groove Dimension	12.00 x 19.00 x 5.60
12.00	Part No	RUB 0120 0200 063
	Groove Dimension	12.00 x 20.00 x 6.30
12.00	Part No	RUB 0120 0220 080
	Groove Dimension	12.00 x 22.00 x 8.00
12.00	Part No	RUB 0120 0220 090
	Groove Dimension	12.00 x 22.00 x 9.00
14.00	Part No	RUB 0140 0200 063
	Groove Dimension	14.00 x 20.00 x 6.30
14.00	Part No	RUB 0140 0210 056
	Groove Dimension	14.00 x 21.00 x 5.60
14.00	Part No	RUB 0140 0220 063
	Groove Dimension	14.00 x 22.00 x 6.30
14.00	Part No	RUB 0140 0240 080
	Groove Dimension	14.00 x 24.00 x 8.00
15.00	Part No	RUB 0150 0230 063
	Groove Dimension	15.00 x 23.00 x 6.30
16.00	Part No	RUB 0160 0240 063
	Groove Dimension	16.00 x 24.00 x 6.30
16.00	Part No	RUB 0160 0260 080
	Groove Dimension	16.00 x 26.00 x 8.00
18.00	Part No	RUB 0180 0250 056
	Groove Dimension	18.00 x 25.00 x 5.60
18.00	Part No	RUB 0180 0260 063
	Groove Dimension	18.00 x 26.00 x 6.30
18.00	Part No	RUB 0180 0280 080
	Groove Dimension	18.00 x 28.00 x 8.00

20.00	Part No	RUB 0200 0280 050
	Groove Dimension	20.00 x 28.00 x 5.00
22.00	Part No	RUB 0220 0290 056
	Groove Dimension	22.00 x 29.00 x 5.60
25.00	Part No	RUB 0250 0330 063
	Groove Dimension	25.00 x 33.00 x 6.30
28.00	Part No	RUB 0280 0360 063
	Groove Dimension	28.00 x 36.00 x 6.30
28.00	Part No	RUB 0280 0380 080
	Groove Dimension	28.00 x 38.00 x 8.00
30.00	Part No	RUB 0300 0380 063
	Groove Dimension	30.00 x 38.00 x 6.30
30.00	Part No	RUB 0300 0400 090
	Groove Dimension	30.00 x 40.00 x 9.00

20.00	Part No	RUB 0200 0280 063
	Groove Dimension	20.00 x 28.00 x 6.30
22.00	Part No	RUB 0220 0300 060
	Groove Dimension	22.00 x 30.00 x 6.00
25.00	Part No	RUB 0250 0330 080
	Groove Dimension	25.00 x 33.00 x 8.00
28.00	Part No	RUB 0280 0360 080
	Groove Dimension	28.00 x 36.00 x 8.00
28.00	Part No	RUB 0280 0380 090
	Groove Dimension	28.00 x 38.00 x 9.00
30.00	Part No	RUB 0300 0400 070
	Groove Dimension	30.00 x 40.00 x 7.00
32.00	Part No	RUB 0320 0400 063
	Groove Dimension	32.00 x 40.00 x 6.30

20.00	Part No	RUB 0200 0300 080
	Groove Dimension	20.00 x 30.00 x 8.00
22.00	Part No	RUB 0220 0320 080
	Groove Dimension	22.00 x 32.00 x 8.00
25.00	Part No	RUB 0250 0350 080
	Groove Dimension	25.00 x 35.00 x 8.00
28.00	Part No	RUB 0280 0380 063
	Groove Dimension	28.00 x 38.00 x 6.30
28.00	Part No	RUB 0280 0430 125
	Groove Dimension	28.00 x 43.00 x 12.50
30.00	Part No	RUB 0300 0400 080
	Groove Dimension	30.00 x 40.00 x 8.00
32.00	Part No	RUB 0320 0400 070
	Groove Dimension	32.00 x 40.00 x 7.00

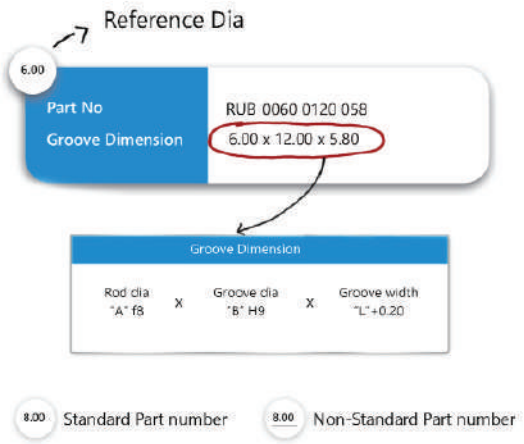


35.00	Part No	RUB 0350 0450 070
	Groove Dimension	35.00 x 45.00 x 7.00
35.00	Part No	RUB 0350 0450 080
	Groove Dimension	35.00 x 45.00 x 8.00
36.00	Part No	RUB 0360 0440 063
	Groove Dimension	36.00 x 44.00 x 6.30
36.00	Part No	RUB 0360 0460 080
	Groove Dimension	36.000 x 46.00 x 8.00
32.00	Part No	RUB 0320 0400 077
	Groove Dimension	32.00 x 40.00 x 7.70
32.00	Part No	RUB 0320 0420 080
	Groove Dimension	32.00 x 42.00 x 8.00
35.00	Part No	RUB 0350 0430 063
	Groove Dimension	35.00 x 43.00 x 6.30
35.00	Part No	RUB 0350 0450 077
	Groove Dimension	35.00 x 45.00 x 7.70
35.00	Part No	RUB 0350 0450 130
	Groove Dimension	35.00 x 45.00 x 13.00
36.00	Part No	RUB 0360 0440 070
	Groove Dimension	36.00 x 44.00 x 7.00
36.00	Part No	RUB 0360 0460 090
	Groove Dimension	36.00 x 46.00 x 9.00
32.00	Part No	RUB 0320 0420 063
	Groove Dimension	32.00 x 42.00 x 6.30
35.00	Part No	RUB 0350 0420 080
	Groove Dimension	35.00 x 42.00 x 8.00
35.00	Part No	RUB 0350 0430 070
	Groove Dimension	35.00 x 43.00 x 7.00
35.00	Part No	RUB 0350 0450 080
	Groove Dimension	35.00 x 45.00 x 8.00
35.00	Part No	RUB 0350 0500 100
	Groove Dimension	35.00 x 50.00 x 10.00
36.00	Part No	RUB 0360 0460 080
	Groove Dimension	36.00 x 46.00 x 8.00
38.00	Part No	RUB 0380 0480 090
	Groove Dimension	38.00 x 48.00 x 9.00

40.00	Part No	RUB 0400 0480 063
	Groove Dimension	40.00 x 48.00 x 6.30
40.00	Part No	RUB 0400 0500 080
	Groove Dimension	40.00 x 50.00 x 8.00
40.00	Part No	RUB 0400 0550 125
	Groove Dimension	40.00 x 55.00 x 12.50
42.00	Part No	RUB 0420 0500 125
	Groove Dimension	42.00 x 50.00 x 12.50
45.00	Part No	RUB 0450 0530 110
	Groove Dimension	45.00 x 53.00 x 11.00
45.00	Part No	RUB 0450 0550 070
	Groove Dimension	45.00 x 55.00 x 7.00
45.00	Part No	RUB 0450 0600 125
	Groove Dimension	45.00 x 60.00 x 12.50

40.00	Part No	RUB 0400 0500 070
	Groove Dimension	40.00 x 50.00 x 7.00
40.00	Part No	RUB 0400 0500 110
	Groove Dimension	40.00 x 50.00 x 11.00
40.00	Part No	RUB 0400 0550 100
	Groove Dimension	40.00 x 55.00 x 10.00
42.00	Part No	RUB 0420 0530 100
	Groove Dimension	42.00 x 53.00 x 10.00
45.00	Part No	RUB 0450 0530 125
	Groove Dimension	45.00 x 53.00 x 12.50
45.00	Part No	RUB 0450 0550 080
	Groove Dimension	45.00 x 55.00 x 8.00
46.00	Part No	RUB 0460 0560 110
	Groove Dimension	46.00 x 56.00 x 11.00

40.00	Part No	RUB 0400 0500 080
	Groove Dimension	40.00 x 50.00 x 8.00
40.00	Part No	RUB 0400 0500 110
	Groove Dimension	40.00 x 50.00 x 11.00
42.00	Part No	RUB 0420 0500 090
	Groove Dimension	42.00 x 50.00 x 9.00
45.00	Part No	RUB 0450 0530 063
	Groove Dimension	45.00 x 53.00 x 6.30
45.00	Part No	RUB 0450 0550 063
	Groove Dimension	45.00 x 55.00 x 6.30
45.00	Part No	RUB 0450 0550 125
	Groove Dimension	45.00 x 55.00 x 12.50
48.00	Part No	RUB 0480 0560 125
	Groove Dimension	48.00 x 56.00 x 12.50

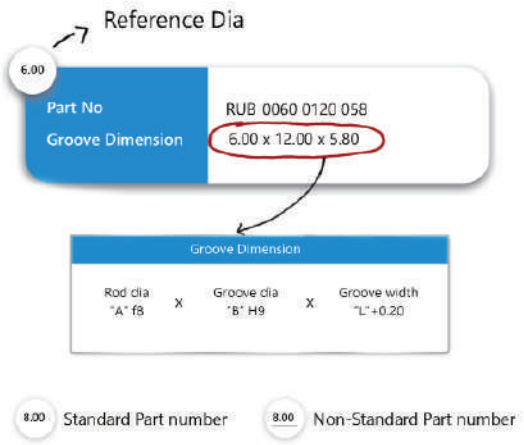


50.00	Part No	RUB 0500 0600 080
	Groove Dimension	50.00 x 60.00 x 8.00
50.00	Part No	RUB 0500 0650 110
	Groove Dimension	50.00 x 65.00 x 11.00
50.00	Part No	RUB 0500 0700 130
	Groove Dimension	50.00 x 70.00 x 13.00
55.00	Part No	RUB 0550 0650 080
	Groove Dimension	55.00 x 65.00 x 8.00
48.00	Part No	RUB 0480 0560 130
	Groove Dimension	48.00 x 56.00 x 13.00
50.00	Part No	RUB 0500 0570 110
	Groove Dimension	50.00 x 57.00 x 11.00
50.00	Part No	RUB 0500 0590 110
	Groove Dimension	50.00 x 59.00 x 11.00
50.00	Part No	RUB 0500 0600 110
	Groove Dimension	50.00 x 60.00 x 11.00
50.00	Part No	RUB 0500 0650 125
	Groove Dimension	50.00 x 65.00 x 12.50
55.00	Part No	RUB 0550 0630 125
	Groove Dimension	55.00 x 63.00 x 12.50
55.00	Part No	RUB 0550 0650 095
	Groove Dimension	55.00 x 65.00 x 9.50
50.00	Part No	RUB 0500 0570 080
	Groove Dimension	50.00 x 57.00 x 8.00
50.00	Part No	RUB 0500 0580 125
	Groove Dimension	50.00 x 58.00 x 12.50
50.00	Part No	RUB 0500 0600 070
	Groove Dimension	50.00 x 60.00 x 7.00
50.00	Part No	RUB 0500 0650 100
	Groove Dimension	50.00 x 65.00 x 10.00
50.00	Part No	RUB 0500 0700 110
	Groove Dimension	50.00 x 70.00 x 11.00
55.00	Part No	RUB 0550 0650 070
	Groove Dimension	55.00 x 65.00 x 7.00
55.00	Part No	RUB 0550 0650 110
	Groove Dimension	55.00 x 65.00 x 11.00

55.00	Part No	RUB 0550 0680 110
	Groove Dimension	55.00 x 68.00 x 11.00
56.00	Part No	RUB 0560 0660 070
	Groove Dimension	56.00 x 66.00 x 7.00
56.00	Part No	RUB 0560 0710 125
	Groove Dimension	56.00 x 71.00 x 12.50
60.00	Part No	RUB 0600 0700 070
	Groove Dimension	60.00 x 70.00 x 7.00
60.00	Part No	RUB 0600 0700 125
	Groove Dimension	60.00 x 70.00 x 12.50
60.00	Part No	RUB 0600 0750 110
	Groove Dimension	60.00 x 75.00 x 11.00
63.00	Part No	RUB 0630 0730 070
	Groove Dimension	63.00 x 73.00 x 7.00

55.00	Part No	RUB 0550 0700 100
	Groove Dimension	55.00 x 70.00 x 10.00
56.00	Part No	RUB 0560 0710 100
	Groove Dimension	56.00 x 71.00 x 10.00
56.00	Part No	RUB 0560 0760 160
	Groove Dimension	56.00 x 76.00 x 16.00
60.00	Part No	RUB 0600 0700 080
	Groove Dimension	60.00 x 70.00 x 8.00
60.00	Part No	RUB 0600 0730 110
	Groove Dimension	60.00 x 73.00 x 11.00
60.00	Part No	RUB 0600 0750 125
	Groove Dimension	60.00 x 75.00 x 12.50
63.00	Part No	RUB 0630 0780 110
	Groove Dimension	63.00 x 78.00 x 11.00

55.00	Part No	RUB 0550 0750 130
	Groove Dimension	55.00 x 75.00 x 13.00
56.00	Part No	RUB 0560 0710 110
	Groove Dimension	56.00 x 71.00 x 11.00
60.00	Part No	RUB 0600 0680 125
	Groove Dimension	60.00 x 68.00 x 12.50
60.00	Part No	RUB 0600 0700 110
	Groove Dimension	60.00 x 70.00 x 11.00
60.00	Part No	RUB 0600 0750 100
	Groove Dimension	60.00 x 75.00 x 10.00
60.00	Part No	RUB 0600 0800 130
	Groove Dimension	60.00 x 80.00 x 13.00
63.00	Part No	RUB 0630 0780 125
	Groove Dimension	63.00 x 78.00 x 12.50



65.00
Part No RUB 0650 0750 110
Groove Dimension 65.00 x 75.00 x 11.00

65.00
Part No RUB 0650 0800 100
Groove Dimension 65.00 x 80.00 x 10.00

67.00
Part No RUB 0670 0750 125
Groove Dimension 67.00 x 75.00 x 12.50

70.00
Part No RUB 0700 0800 070
Groove Dimension 70.00 x 80.00 x 7.00

63.00
Part No RUB 0630 0830 130
Groove Dimension 63.00 x 83.00 x 13.00

65.00
Part No RUB 0650 0730 125
Groove Dimension 65.00 x 73.00 x 12.50

65.00
Part No RUB 0650 0750 080
Groove Dimension 65.00 x 75.00 x 8.00

65.00
Part No RUB 0650 0750 130
Groove Dimension 65.00 x 75.00 x 13.00

65.00
Part No RUB 0650 0800 125
Groove Dimension 65.00 x 80.00 x 12.50

67.00
Part No RUB 0670 0770 070
Groove Dimension 67.00 x 77.00 x 7.00

70.00
Part No RUB 0700 0800 080
Groove Dimension 70.00 x 80.00 x 8.00

63.00
Part No RUB 0630 0830 160
Groove Dimension 63.00 x 83.00 x 16.00

65.00
Part No RUB 0650 0750 070
Groove Dimension 65.00 x 75.00 x 7.00

65.00
Part No RUB 0650 0750 080
Groove Dimension 65.00 x 75.00 x 8.00

65.00
Part No RUB 0650 0780 110
Groove Dimension 65.00 x 78.00 x 11.00

65.00
Part No RUB 0650 0850 130
Groove Dimension 65.00 x 85.00 x 13.00

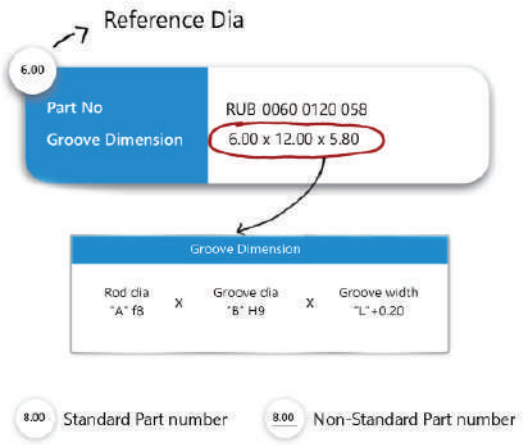
70.00
Part No RUB 0700 0780 125
Groove Dimension 70.00 x 78.00 x 12.50

70.00
Part No RUB 0700 0800 125
Groove Dimension 70.00 x 80.00 x 12.50

70.00	Part No	RUB 0700 0830 110
	Groove Dimension	70.00 x 83.00 x 11.00
70.00	Part No	RUB 0700 0850 125
	Groove Dimension	70.00 x 85.00 x 12.50
71.00	Part No	RUB 0710 0810 110
	Groove Dimension	71.00 x 81.00 x 11.00
75.00	Part No	RUB 0750 0830 125
	Groove Dimension	75.00 x 83.00 x 12.50
75.00	Part No	RUB 0750 0850 125
	Groove Dimension	75.00 x 85.00 x 12.50
75.00	Part No	RUB 0750 0900 125
	Groove Dimension	75.00 x 90.00 x 12.50
80.00	Part No	RUB 0800 0880 125
	Groove Dimension	80.00 x 88.00 x 12.50

70.00	Part No	RUB 0700 0850 100
	Groove Dimension	70.00 x 85.00 x 10.00
70.00	Part No	RUB 0700 0900 130
	Groove Dimension	70.00 x 90.00 x 13.00
71.00	Part No	RUB 0710 0810 090
	Groove Dimension	71.00 x 81.00 x 9.00
75.00	Part No	RUB 0750 0850 070
	Groove Dimension	75.00 x 85.00 x 7.00
75.00	Part No	RUB 0750 0880 110
	Groove Dimension	75.00 x 88.00 x 11.00
75.00	Part No	RUB 0750 0950 130
	Groove Dimension	75.00 x 95.00 x 13.00
80.00	Part No	RUB 0800 0900 070
	Groove Dimension	80.00 x 90.00 x 7.00

70.00	Part No	RUB 0700 0850 110
	Groove Dimension	70.00 x 85.00 x 11.00
70.00	Part No	RUB 0700 0900 160
	Groove Dimension	70.00 x 90.00 x 16.00
75.00	Part No	RUB 0750 0830 080
	Groove Dimension	75.00 x 83.00 x 8.00
75.00	Part No	RUB 0750 0850 110
	Groove Dimension	75.00 x 85.00 x 11.00
75.00	Part No	RUB 0750 0900 100
	Groove Dimension	75.00 x 90.00 x 10.00
78.00	Part No	RUB 0780 0860 125
	Groove Dimension	78.00 x 86.00 x 12.50
80.00	Part No	RUB 0800 0900 080
	Groove Dimension	80.00 x 90.00 x 8.00



80.00	Part No	RUB 0800 1000 160
	Groove Dimension	80.00 x 100.00 x 16.00
85.00	Part No	RUB 0850 1000 110
	Groove Dimension	85.00 x 100.00 x 11.00
90.00	Part No	RUB 0900 0980 125
	Groove Dimension	90.00 x 98.00 x 12.50
90.00	Part No	RUB 0900 1050 100
	Groove Dimension	90.00 x 105.00 x 10.00

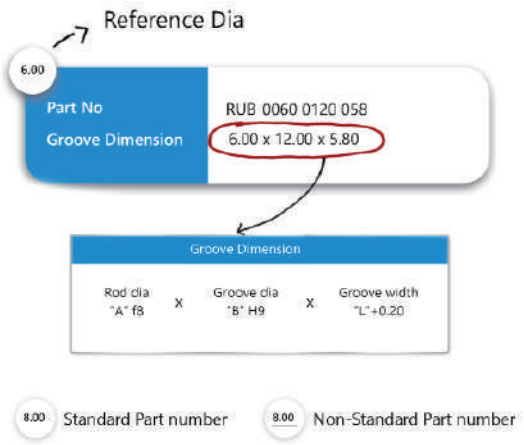
80.00	Part No	RUB 0800 0900 110
	Groove Dimension	80.00 x 90.00 x 11.00
80.00	Part No	RUB 0800 0950 100
	Groove Dimension	80.00 x 95.00 x 10.00
80.00	Part No	RUB 0800 0950 125
	Groove Dimension	80.00 x 95.00 x 12.50
85.00	Part No	RUB 0850 0930 125
	Groove Dimension	85.00 x 93.00 x 12.50
85.00	Part No	RUB 0850 1000 125
	Groove Dimension	85.00 x 100.00 x 12.50
90.00	Part No	RUB 0900 1000 080
	Groove Dimension	90.00 x 100.00 x 8.00
90.00	Part No	RUB 0900 1050 110
	Groove Dimension	90.00 x 105.00 x 11.00

80.00	Part No	RUB 0800 0930 110
	Groove Dimension	80.00 x 93.00 x 11.00
80.00	Part No	RUB 0800 0950 110
	Groove Dimension	80.00 x 95.00 x 11.00
80.00	Part No	RUB 0800 1000 130
	Groove Dimension	80.00 x 100.00 x 13.00
85.00	Part No	RUB 0850 1000 100
	Groove Dimension	85.00 x 100.00 x 10.00
85.00	Part No	RUB 0850 1050 130
	Groove Dimension	85.00 x 105.00 x 13.00
90.00	Part No	RUB 0900 1000 125
	Groove Dimension	90.00 x 100.00 x 12.50
90.00	Part No	RUB 0900 1050 125
	Groove Dimension	90.00 x 105.00 x 12.50

90.00	Part No	RUB 0900 1100 130
	Groove Dimension	90.00 x 110.00 x 13.00
95.00	Part No	RUB 0950 1030 125
	Groove Dimension	95.00 x 103.00 x 12.50
95.00	Part No	RUB 0950 1100 110
	Groove Dimension	95.00 x 110.00 x 11.00
97.00	Part No	RUB 0970 1050 125
	Groove Dimension	97.00 x 105.00 x 12.50
100.00	Part No	RUB 1000 1150 110
	Groove Dimension	100.00 x 115.00 x 11.00
100.00	Part No	RUB 1000 1200 160
	Groove Dimension	100.00 x 120.00 x 16.00
105.00	Part No	RUB 1050 1200 100
	Groove Dimension	105.00 x 120.00 x 10.00

90.00	Part No	RUB 0900 1100 160
	Groove Dimension	90.00 x 110.00 x 16.00
95.00	Part No	RUB 0950 1050 130
	Groove Dimension	95.00 x 105.00 x 13.00
95.00	Part No	RUB 0950 1150 130
	Groove Dimension	95.00 x 115.00 x 13.00
100.00	Part No	RUB 1000 1080 125
	Groove Dimension	100.00 x 108.00 x 12.50
100.00	Part No	RUB 1000 1200 130
	Groove Dimension	100.00 x 120.00 x 13.00
105.00	Part No	RUB 1050 1130 125
	Groove Dimension	105.00 x 113.00 x 12.50
105.00	Part No	RUB 1050 1200 110
	Groove Dimension	105.00 x 120.00 x 11.00

93.00	Part No	RUB 0930 1010 125
	Groove Dimension	93.00 x 101.00 x 12.50
95.00	Part No	RUB 0950 1100 100
	Groove Dimension	95.00 x 110.00 x 10.00
95.00	Part No	RUB 0950 1150 145
	Groove Dimension	95.00 x 115.00 x 14.50
100.00	Part No	RUB 1000 1150 100
	Groove Dimension	100.00 x 115.00 x 10.00
100.00	Part No	RUB 1000 1200 130
	Groove Dimension	100.00 x 120.00 x 13.00
105.00	Part No	RUB 1050 1150 125
	Groove Dimension	105.00 x 115.00 x 12.50
105.00	Part No	RUB 1050 1250 130
	Groove Dimension	105.00 x 125.00 x 13.00



110.00
Part No RUB 1100 1300 110
Groove Dimension 110.00 x 130.00 x 11.00

110.00
Part No RUB 1100 1350 200
Groove Dimension 110.00 x 135.00 x 20.00

112.00
Part No RUB 1120 1250 100
Groove Dimension 112.00 x 125.00 x 10.00

115.00
Part No RUB 1150 1300 100
Groove Dimension 115.00 x 130.00 x 10.00

106.00
Part No RUB 1060 1210 100
Groove Dimension 106.00 x 121.00 x 10.00

110.00
Part No RUB 1100 1180 125
Groove Dimension 110.00 x 118.00 x 12.50

110.00
Part No RUB 1100 1250 106
Groove Dimension 110.00 x 125.00 x 10.60

110.00
Part No RUB 1100 1300 130
Groove Dimension 110.00 x 130.00 x 13.00

112.00
Part No RUB 1120 1270 100
Groove Dimension 112.00 x 127.00 x 10.00

115.00
Part No RUB 1150 1230 125
Groove Dimension 115.00 x 123.00 x 12.50

115.00
Part No RUB 1150 1350 130
Groove Dimension 115.00 x 135.00 x 13.00

106.00
Part No RUB 1060 1210 110
Groove Dimension 106.00 x 121.00 x 11.00

110.00
Part No RUB 1100 1250 100
Groove Dimension 110.00 x 125.00 x 10.00

110.00
Part No RUB 1100 1250 110
Groove Dimension 110.00 x 125.00 x 11.00

110.00
Part No RUB 1100 1300 160
Groove Dimension 110.00 x 130.00 x 16.00

112.00
Part No RUB 1120 1270 110
Groove Dimension 112.00 x 127.00 x 11.00

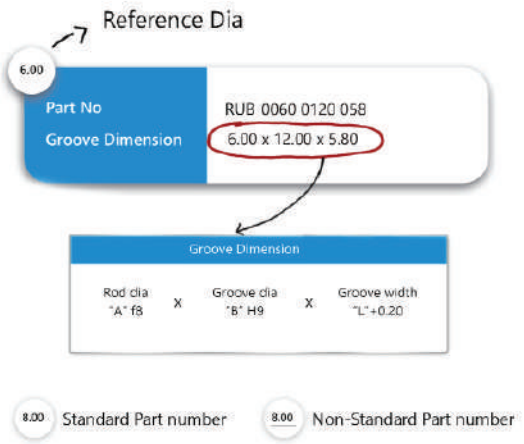
115.00
Part No RUB 1150 1250 130
Groove Dimension 115.00 x 125.00 x 13.00

118.00
Part No RUB 1180 1260 125
Groove Dimension 118.00 x 126.00 x 12.50

118.00	Part No	RUB 1180 1330 100
	Groove Dimension	118.00 x 133.00 x 10.00
120.00	Part No	RUB 1200 1350 100
	Groove Dimension	120.00 x 135.00 x 10.00
120.00	Part No	RUB 1200 1400 160
	Groove Dimension	120.00 x 140.00 x 16.00
125.00	Part No	RUB 1250 1450 130
	Groove Dimension	125.00 x 145.00 x 13.00
128.00	Part No	RUB 1280 1360 125
	Groove Dimension	128.00 x 136.00 x 12.50
130.00	Part No	RUB 1300 1500 160
	Groove Dimension	130.00 x 150.00 x 16.00
140.00	Part No	RUB 1400 1550 100
	Groove Dimension	140.00 x 155.00 x 10.00

118.00	Part No	RUB 1180 1330 110
	Groove Dimension	118.00 x 133.00 x 11.00
120.00	Part No	RUB 1200 1400 110
	Groove Dimension	120.00 x 140.00 x 11.00
125.00	Part No	RUB 1250 1330 125
	Groove Dimension	125.00 x 133.00 x 12.50
125.00	Part No	RUB 1250 1450 160
	Groove Dimension	125.00 x 145.00 x 16.00
130.00	Part No	RUB 1300 1450 100
	Groove Dimension	130.00 x 145.00 x 10.00
135.00	Part No	RUB 1350 1430 125
	Groove Dimension	135.00 x 143.00 x 12.50
140.00	Part No	RUB 1400 1550 106
	Groove Dimension	140.00 x 155.00 x 10.60

120.00	Part No	RUB 1200 1280 125
	Groove Dimension	120.00 x 128.00 x 12.50
120.00	Part No	RUB 1200 1400 130
	Groove Dimension	120.00 x 140.00 x 13.00
125.00	Part No	RUB 1250 1400 100
	Groove Dimension	125.00 x 140.00 x 10.00
125.00	Part No	RUB 1250 1500 200
	Groove Dimension	125.00 x 150.00 x 20.00
130.00	Part No	RUB 1300 1500 130
	Groove Dimension	130.00 x 150.00 x 13.00
140.00	Part No	RUB 1400 1480 125
	Groove Dimension	140.00 x 148.00 x 12.50
140.00	Part No	RUB 1400 1550 110
	Groove Dimension	140.00 x 155.00 x 11.00



180.00

Part No	RUB 1800 2000 160
Groove Dimension	180.00 x 200.00 x 16.00

140.00

Part No	RUB 1400 1600 160
Groove Dimension	140.00 x 160.00 x 16.00

150.00

Part No	RUB 1500 1700 160
Groove Dimension	150.00 x 170.00 x 16.00

160.00

Part No	RUB 1600 1680 125
Groove Dimension	160.00 x 168.00 x 12.50

200.00

Part No	RUB 2000 2250 160
Groove Dimension	200.00 x 225.00 x 16.00

143.00

Part No	RUB 1430 1510 125
Groove Dimension	143.00 x 151.00 x 12.50

155.00

Part No	RUB 1550 1630 125
Groove Dimension	155.00 x 163.00 x 12.50

170.00

Part No	RUB 1700 1900 160
Groove Dimension	170.00 x 190.00 x 16.00

TRIADA

RUL

Rod Seals

#SealingExcellence






Description

The RUL type of U-Cups are mainly used in the application where the pressure and temperature is low, the TRIAFLEX® (NBR) O-Ring has been integrated in the TRIATHANE® (Polyurethane) U-Cup which acts as an energizer providing sealing action on the lip.



Diameter Range	Ø20.00 – Ø440.00
Standard material	TRIATHANE® T479 (Polyurethane) TRIAFLEX® T571 (NBR) O-Ring
Temperature(°C)	-30° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Mineral Hydraulic Fluids (for other media, please contact TRIADA® Application Engineering)
Pressure	≤ 250 bar

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIATHANE® Polyurethane	T479	TRIAFLEX® T571 NBR	N

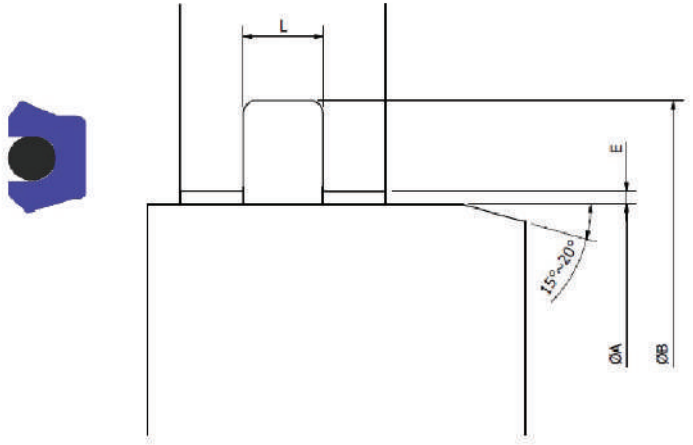
Nomenclature

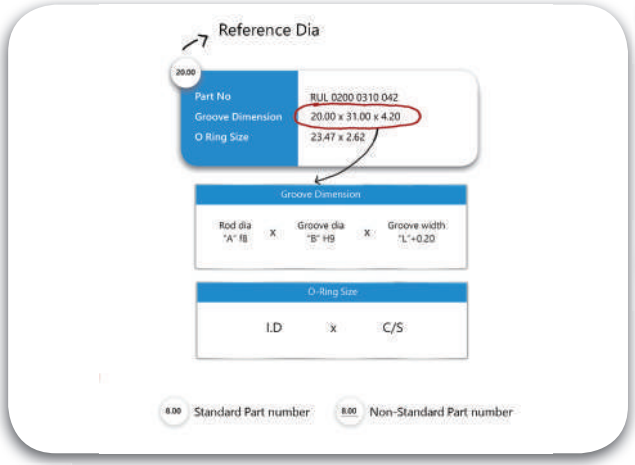
Part No	RUL	1000	1155	063	T479	N
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Operating Pressure MPa	Radial Clearance "E" Max
16	0.60
25	0.50





20.00

Part No	RUL 0200 0310 042
Groove Dimension	20.00 x 31.00 x 4.20
O Ring Size	23.47 x 2.62

22.00

Part No	RUL 0220 0330 042
Groove Dimension	22.00 x 33.00 x 4.20
O Ring Size	25.07 x 2.62

25.00

Part No	RUL 0250 0360 042
Groove Dimension	25.00 x 36.00 x 4.20
O Ring Size	28.24 x 2.62

28.00

Part No	RUL 0280 0390 042
Groove Dimension	28.00 x 39.00 x 4.20
O Ring Size	31.42 x 2.62

32.00

Part No	RUL 0320 0430 042
Groove Dimension	32.00 x 43.00 x 4.20
O Ring Size	36.17 x 2.62

36.00

Part No	RUL 0360 0470 042
Groove Dimension	36.00 x 47.00 x 4.20
O Ring Size	39.34 x 2.62

40.00

Part No	RUL 0400 0510 042
Groove Dimension	40.00 x 51.00 x 4.20
O Ring Size	44.12 x 2.62

40.00

Part No	RUL 0400 0555 063
Groove Dimension	40.00 x 55.50 x 6.30
O Ring Size	44.04 x 3.53

45.00

Part No	RUL 0450 0560 042
Groove Dimension	45.00 x 56.00 x 4.20
O Ring Size	48.90 x 2.62

45.00

Part No	RUL 0450 0605 063
Groove Dimension	45.00 x 60.50 x 6.30
O Ring Size	50.39 x 3.53

50.00

Part No	RUL 0500 0610 042
Groove Dimension	50.00 x 61.00 x 4.20
O Ring Size	53.64 x 2.62

50.00

Part No	RUL 0500 0655 063
Groove Dimension	50.00 x 65.50 x 6.30
O Ring Size	53.57 x 3.53

55.00

Part No	RUL 0550 0660 042
Groove Dimension	55.00 x 66.00 x 4.20
O Ring Size	58.42 x 2.62

55.00	
Part No	RUL 0550 0705 063
Groove Dimension	55.00 x 70.50 x 6.30
O Ring Size	59.92 x 3.53

56.00	
Part No	RUL 0560 0670 042
Groove Dimension	56.00 x 67.00 x 4.20
O Ring Size	59.99 x 2.62

56.00	
Part No	RUL 0560 0715 063
Groove Dimension	56.00 x 71.50 x 6.30
O Ring Size	59.92 x 3.53

63.00	
Part No	RUL 0630 0740 042
Groove Dimension	63.00 x 74.00 x 4.20
O Ring Size	66.34 x 2.62

63.00	
Part No	RUL 0630 0785 063
Groove Dimension	63.00 x 78.50 x 6.30
O Ring Size	66.27 x 3.53

65.00	
Part No	RUL 0650 0805 063
Groove Dimension	65.00 x 80.50 x 6.30
O Ring Size	69.44 x 3.53

70.00	
Part No	RUL 0700 0855 063
Groove Dimension	70.00 x 85.50 x 6.30
O Ring Size	75.79 x 3.53

75.00	
Part No	RUL 0750 0860 042
Groove Dimension	75.00 x 86.00 x 4.20
O Ring Size	82.22 x 2.62

75.00	
Part No	RUL 0750 0905 063
Groove Dimension	75.00 x 90.50 x 6.30
O Ring Size	82.14 x 3.53

80.00	
Part No	RUL 0800 0955 063
Groove Dimension	80.00 x 95.50 x 6.30
O Ring Size	85.32 x 3.53

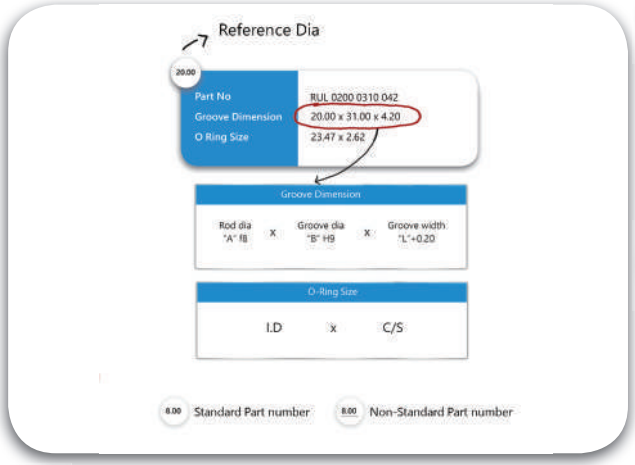
90.00	
Part No	RUL 0900 1055 063
Groove Dimension	90.00 x 105.50 x 6.30
O Ring Size	94.84 x 3.53

95.00	
Part No	RUL 0950 1105 063
Groove Dimension	95.00 x 110.50 x 6.30
O Ring Size	101.19 x 3.53

100.00	
Part No	RUL 1000 1155 063
Groove Dimension	100.00 x 115.50 x 6.30
O Ring Size	104.37 x 3.53

105.00	
Part No	RUL 1050 1205 063
Groove Dimension	105.00 x 120.50 x 6.30
O Ring Size	110.72 x 3.53

110.00	
Part No	RUL 1100 1255 063
Groove Dimension	110.00 x 125.50 x 6.30
O Ring Size	113.89 x 3.53



120.00

Part No	RUL 1200 1355 063
Groove Dimension	120.00 x 135.50 x 6.30
O Ring Size	126.59 x 3.53

130.00

Part No	RUL 1300 1455 063
Groove Dimension	130.00 x 145.50 x 6.30
O Ring Size	136.12 x 3.53

135.00

Part No	RUL 1350 1505 063
Groove Dimension	135.00 x 150.50 x 6.30
O Ring Size	142.47 x 3.53

140.00

Part No	RUL 1400 1555 063
Groove Dimension	140.00 x 155.50 x 6.30
O Ring Size	145.64 x 3.53

145.00

Part No	RUL 1450 1605 063
Groove Dimension	145.00 x 160.50 x 6.30
O Ring Size	151.99 x 3.53

150.00

Part No	RUL 1500 1655 063
Groove Dimension	150.00 x 165.50 x 6.30
O Ring Size	158.34 x 3.53

160.00

Part No	RUL 1600 1755 063
Groove Dimension	160.00 x 175.50 x 6.30
O Ring Size	164.69 x 3.53

160.00

Part No	RUL 1600 1810 081
Groove Dimension	160.00 x 181.00 x 8.10
O Ring Size	164.47 x 5.33

180.00

Part No	RUL 1800 1955 063
Groove Dimension	180.00 x 195.50 x 6.30
O Ring Size	183.73 x 3.53

190.00

Part No	RUL 1900 2055 063
Groove Dimension	190.00 x 205.50 x 6.30
O Ring Size	196.44 x 3.53

200.00

Part No	RUL 2000 2155 063
Groove Dimension	200 x 215.50 x 6.30
O Ring Size	209.14 x 3.53

200.00

Part No	RUL 2000 2210 081
Groove Dimension	200.00 x 221.00 x 8.10
O Ring Size	208.92 x 5.33

210.00

Part No	RUL 2100 2310 081
Groove Dimension	210.00 x 231.00 x 8.10
O Ring Size	221.62 x 5.33

260.00

Part No	RUL 2600 2810 081
Groove Dimension	260.00 x 281.00 x 8.10
O Ring Size	266.07 x 5.33

300.00

Part No	RUL 3000 3210 081
Groove Dimension	300.00 x 321.00 x 8.10
O Ring Size	329.57 x 5.33

350.00

Part No	RUL 3500 3710 081
Groove Dimension	350.00 x 371.00 x 8.10
O Ring Size	354.97 x 5.33

440.00

Part No	RUL 4400 4610 081
Groove Dimension	440.00 x 461.00 x 8.10
O Ring Size	456.06 x 5.33

TRIADA

RUC

Rod Seals

#SealingExcellence






Description

The RUC type Seal is similar to the RUB type, but with a backup ring at the end of the secondary lip which prevents extrusion of the seal, it also;

Reduces stick-slip effects by maintaining a thin film of oil between the Secondary lip and the Primary Lip;
Creates a barrier for any external impurities, which has managed to pass through the Wiper Lips, from entering into the system;
Compensates for the material shrinkage at very low temperatures;
Functions as a stabilizer, particularly during spike pressures.



Diameter Range	Ø10.00 – Ø3500.00
Standard material	TRIATHANE® T479(Polyurethane) Sealing Element with a TRIAMIDE® T485(POM) Anti-Extrusion Ring
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based) depending on Seal Compounds selected.
Pressure	< 500 bar

Material Details

Material	Material Code	Back-Up Ring Material
TRIATHANE® Polyurethane	T479	TRIAMIDE® T485 POM

Nomenclature

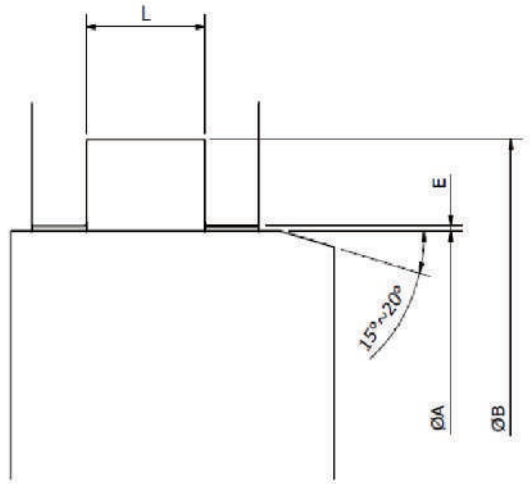
Part No	RUC	1050	1130	080	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

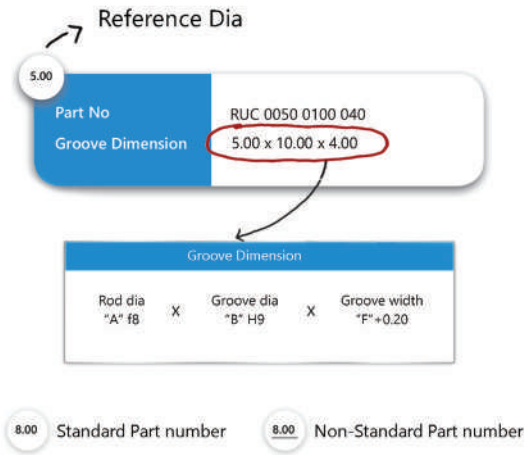


Groove Details

Operating Pressure	Radial Clearance "E" Max	
MPa	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15







12.00	
Part No	RUC 0120 0220 080
Groove Dimension	12.00 x 22.00 x 8.00
14.00	
Part No	RUC 0140 0240 080
Groove Dimension	14.00 x 24.00 x 8.00
16.00	
Part No	RUC 0160 0260 060
Groove Dimension	16.00 x 26.00 x 6.00
18.00	
Part No	RUC 0180 0260 063
Groove Dimension	18.00 x 26.00 x 6.30

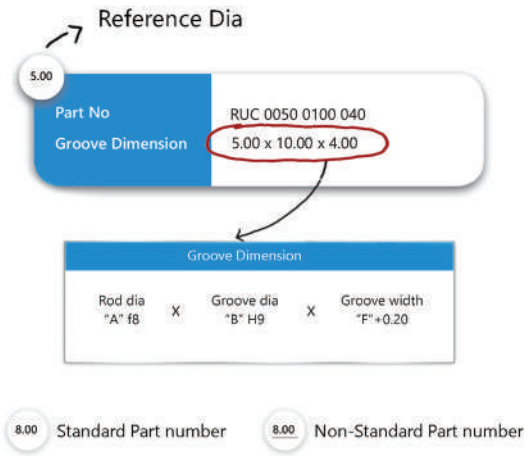
5.00	
Part No	RUC 0050 0100 040
Groove Dimension	5.00 x 10.00 x 4.00
6.00	
Part No	RUC 0060 0130 056
Groove Dimension	6.00 x 13.00 x 5.60
10.00	
Part No	RUC 0100 0200 080
Groove Dimension	10.00 x 20.00 x 8.00
14.00	
Part No	RUC 0140 0200 063
Groove Dimension	14.00 x 20.00 x 6.30
15.00	
Part No	RUC 0150 0210 050
Groove Dimension	15.00 x 21.00 x 5.00
16.00	
Part No	RUC 0160 0260 080
Groove Dimension	16.00 x 26.00 x 8.00
18.00	
Part No	RUC 0180 0260 070
Groove Dimension	18.00 x 26.00 x 7.00

6.00	
Part No	RUC 0060 0110 040
Groove Dimension	6.00 x 11.00 x 4.00
7.00	
Part No	RUC 0070 0120 045
Groove Dimension	7.00 x 12.00 x 4.50
12.00	
Part No	RUC 0120 0190 056
Groove Dimension	12.00 x 19.00 x 5.60
14.00	
Part No	RUC 0140 0210 060
Groove Dimension	14.00 x 21.10 x 6.00
15.00	
Part No	RUC 0150 0260 080
Groove Dimension	15.00 x 26.00 x 8.00
18.00	
Part No	RUC 0180 0250 060
Groove Dimension	18.00 x 25.00 x 6.00
18.00	
Part No	RUC 0180 0260 090
Groove Dimension	18.00 x 26.00 x 9.00

18.00	Part No	RUC 0180 0280 080
	Groove Dimension	18.00 x 28.00 x 8.00
20.00	Part No	RUC 0200 0280 070
	Groove Dimension	20.00 x 28.00 x 7.00
22.00	Part No	RUC 0220 0290 056
	Groove Dimension	22.00 x 29.00 x 5.60
25.00	Part No	RUC 0250 0330 063
	Groove Dimension	25.00 x 33.00 x 6.30
25.00	Part No	RUC 0250 0330 080
	Groove Dimension	25.00 x 33.00 x 8.00
28.00	Part No	RUC 0280 0360 080
	Groove Dimension	28.00 x 36.00 x 8.00
28.00	Part No	RUC 0280 0380 090
	Groove Dimension	28.00 x 38.00 x 9.00

19.50	Part No	RUC 0195 0275 090
	Groove Dimension	19.50 x 27.50 x 9.00
20.00	Part No	RUC 0200 0280 080
	Groove Dimension	20.00 x 28.00 x 8.00
20.00	Part No	RUC 0220 0300 072
	Groove Dimension	22.00 x 30.00 x 7.20
25.00	Part No	RUC 0250 0330 070
	Groove Dimension	25.00 x 33.00 x 7.00
25.00	Part No	RUC 0250 0350 080
	Groove Dimension	25.00 x 35.00 x 8.00
28.00	Part No	RUC 0280 0380 080
	Groove Dimension	28.00 x 38.00 x 8.00
28.00	Part No	RUC 0280 0430 125
	Groove Dimension	28.00 x 43.00 x 12.50

20.00	Part No	RUC 0200 0280 063
	Groove Dimension	20.00 x 28.00 x 6.30
20.00	Part No	RUC 0200 0300 080
	Groove Dimension	20.00 x 30.00 x 8.00
22.00	Part No	RUC 0220 0320 080
	Groove Dimension	22.00 x 32.00 x 8.00
25.00	Part No	RUC 0250 0330 075
	Groove Dimension	25.00 x 33.00 x 7.50
28.00	Part No	RUC 0280 0360 063
	Groove Dimension	28.00 x 36.00 x 6.30
28.00	Part No	RUC 0280 0380 085
	Groove Dimension	28.00 x 38.00 x 8.50
30.00	Part No	RUC 0300 0380 063
	Groove Dimension	30.00 x 38.00 x 6.30



12.00	Part No	RUC 0120 0220 080
	Groove Dimension	12.00 x 22.00 x 8.00
14.00	Part No	RUC 0140 0240 080
	Groove Dimension	14.00 x 24.00 x 8.00
16.00	Part No	RUC 0160 0260 060
	Groove Dimension	16.00 x 26.00 x 6.00
18.00	Part No	RUC 0180 0260 063
	Groove Dimension	18.00 x 26.00 x 6.30

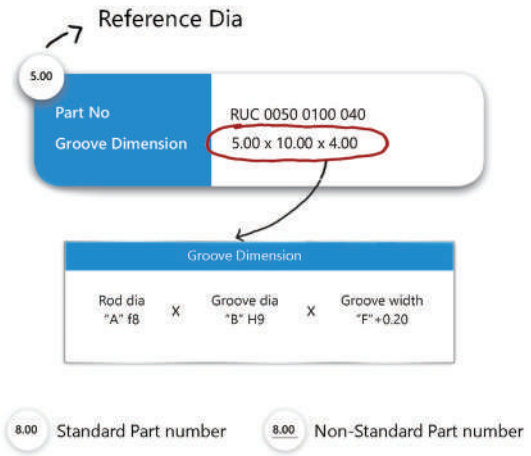
5.00	Part No	RUC 0050 0100 040
	Groove Dimension	5.00 x 10.00 x 4.00
6.00	Part No	RUC 0060 0130 056
	Groove Dimension	6.00 x 13.00 x 5.60
10.00	Part No	RUC 0100 0200 080
	Groove Dimension	10.00 x 20.00 x 8.00
14.00	Part No	RUC 0140 0200 063
	Groove Dimension	14.00 x 20.00 x 6.30
15.00	Part No	RUC 0150 0210 050
	Groove Dimension	15.00 x 21.00 x 5.00
16.00	Part No	RUC 0160 0260 080
	Groove Dimension	16.00 x 26.00 x 8.00
18.00	Part No	RUC 0180 0260 070
	Groove Dimension	18.00 x 26.00 x 7.00

6.00	Part No	RUC 0060 0110 040
	Groove Dimension	6.00 x 11.00 x 4.00
7.00	Part No	RUC 0070 0120 045
	Groove Dimension	7.00 x 12.00 x 4.50
12.00	Part No	RUC 0120 0190 056
	Groove Dimension	12.00 x 1.90 x 5.60
14.00	Part No	RUC 0140 0210 060
	Groove Dimension	14.00 x 21.10 x 6.00
15.00	Part No	RUC 0150 0260 080
	Groove Dimension	15.00 x 26.00 x 8.00
18.00	Part No	RUC 0180 0250 060
	Groove Dimension	18.00 x 25.00 x 6.00
18.00	Part No	RUC 0180 0260 090
	Groove Dimension	18.00 x 26.00 x 9.00

18.00	Part No	RUC 0180 0280 080
	Groove Dimension	18.00 x 28.00 x 8.00
20.00	Part No	RUC 0200 0280 070
	Groove Dimension	20.00 x 28.00 x 7.00
22.00	Part No	RUC 0220 0290 056
	Groove Dimension	22.00 x 29.00 x 5.60
25.00	Part No	RUC 0250 0330 063
	Groove Dimension	25.00 x 33.00 x 6.30
25.00	Part No	RUC 0250 0330 080
	Groove Dimension	25.00 x 33.00 x 8.00
28.00	Part No	RUC 0280 0360 080
	Groove Dimension	28.00 x 36.00 x 8.00
28.00	Part No	RUC 0280 0380 090
	Groove Dimension	28.00 x 38.00 x 9.00

19.50	Part No	RUC 0195 0275 090
	Groove Dimension	19.50 x 27.50 x 9.00
20.00	Part No	RUC 0200 0280 080
	Groove Dimension	20.00 x 28.00 x 8.00
20.00	Part No	RUC 0220 0300 072
	Groove Dimension	22.00 x 30.00 x 7.20
25.00	Part No	RUC 0250 0330 070
	Groove Dimension	25.00 x 33.00 x 7.00
25.00	Part No	RUC 0250 0350 080
	Groove Dimension	25.00 x 35.00 x 8.00
28.00	Part No	RUC 0280 0380 080
	Groove Dimension	28.00 x 38.00 x 8.00
28.00	Part No	RUC 0280 0430 125
	Groove Dimension	28.00 x 43.00 x 12.50

20.00	Part No	RUC 0200 0280 063
	Groove Dimension	20.00 x 28.00 x 6.30
20.00	Part No	RUC 0200 0300 080
	Groove Dimension	20.00 x 30.00 x 8.00
22.00	Part No	RUC 0220 0320 080
	Groove Dimension	22.00 x 32.00 x 8.00
25.00	Part No	RUC 0250 0330 075
	Groove Dimension	25.00 x 33.00 x 7.50
28.00	Part No	RUC 0280 0360 063
	Groove Dimension	28.00 x 36.00 x 6.30
28.00	Part No	RUC 0280 0380 085
	Groove Dimension	28.00 x 38.00 x 8.50
30.00	Part No	RUC 0300 0380 063
	Groove Dimension	30.00 x 38.00 x 6.30



32.00
Part No RUC 0320 0420 080
Groove Dimension 32.00 x 42.00 x 8.00

35.00
Part No RUC 0350 0430 080
Groove Dimension 35.00 x 43.00 x 8.00

36.00
Part No RUC 0360 0430 125
Groove Dimension 36.00 x 43.00 x 12.50

36.00
Part No RUC 0360 0460 080
Groove Dimension 36.00 x 46.00 x 8.00

30.00
Part No RUC 0300 0380 125
Groove Dimension 30.00 x 38.00 x 12.50

30.00
Part No RUC 0300 0400 080
Groove Dimension 30.00 x 40.00 x 8.00

32.00
Part No RUC 0320 0400 070
Groove Dimension 32.00 x 40.00 x 7.00

35.00
Part No RUC 0350 0420 080
Groove Dimension 35.00 x 42.00 x 8.00

35.00
Part No RUC 0350 0450 080
Groove Dimension 35.00 x 45.00 x 8.00

36.00
Part No RUC 0360 0440 063
Groove Dimension 36.00 x 44.00 x 6.30

36.00
Part No RUC 0360 0460 085
Groove Dimension 36.00 x 46.00 x 8.50

30.00
Part No RUC 0300 0400 075
Groove Dimension 30.00 x 40.00 x 7.50

32.00
Part No RUC 0320 0400 070
Groove Dimension 32.00 x 40.00 x 7.00

32.00
Part No RUC 0320 0415 089
Groove Dimension 32.00 x 41.50 x 8.90

35.00
Part No RUC 0350 0430 063
Groove Dimension 35.00 x 43.10 x 6.30

35.00
Part No RUC 0350 0450 110
Groove Dimension 35.00 x 45.00 x 11.00

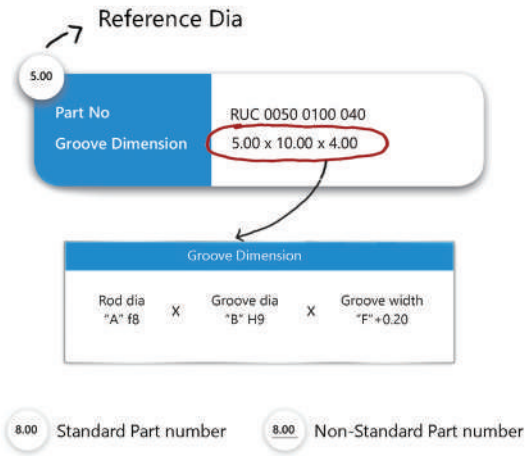
36.00
Part No RUC 0360 0440 070
Groove Dimension 36.00 x 44.00 x 7.00

38.00
Part No RUC 0380 0460 125
Groove Dimension 38.00 x 46.00 x 12.50

38.00	Part No	RUC 0380 0480 090
	Groove Dimension	38.00 x 48.00 x 9.00
40.00	Part No	RUC 0400 0500 080
	Groove Dimension	40.00 x 50.00 x 8.00
40.00	Part No	RUC 0400 0550 125
	Groove Dimension	40.00 x 55.00 x 12.50
42.00	Part No	RUC 0420 0510 110
	Groove Dimension	42.00 x 51.00 x 11.00
45.00	Part No	RUC 0450 0550 063
	Groove Dimension	45.00 x 55.00 x 6.30
45.00	Part No	RUC 0450 0577 105
	Groove Dimension	45.00 x 57.70 x 10.50
48.00	Part No	RUC 0480 0560 125
	Groove Dimension	48.00 x 56.00 x 12.50

40.00	Part No	RUC 0400 0480 063
	Groove Dimension	40.00 x 48.00 x 6.30
40.00	Part No	RUC 0400 0500 110
	Groove Dimension	40.00 x 50.00 x 11.00
40.00	Part No	RUC 0400 0600 130
	Groove Dimension	40.00 x 60.00 x 13.00
42.00	Part No	RUC 0420 0530 100
	Groove Dimension	42.00 x 53.00 x 10.00
45.00	Part No	RUC 0450 0550 080
	Groove Dimension	45.00 x 55.00 x 8.00
45.00	Part No	RUC 0450 0600 125
	Groove Dimension	45.00 x 60.00 x 12.50
48.00	Part No	RUC 0480 0560 130
	Groove Dimension	48.00 x 56.00 x 13.00

40.00	Part No	RUC 0400 0480 125
	Groove Dimension	40.00 x 48.00 x 12.50
40.00	Part No	RUC 0400 0550 110
	Groove Dimension	40.00 x 55.00 x11.00
42.00	Part No	RUC 0420 0500 125
	Groove Dimension	42.00 x 50.00 x 12.50
45.00	Part No	RUC 0450 0530 125
	Groove Dimension	45.00 x 53.00 x 12.50
45.00	Part No	RUC 0450 0550 125
	Groove Dimension	45.00 x 55.00 x 12.50
46.00	Part No	RUC 0460 0560 110
	Groove Dimension	46.00 x 56.00 x 11.00
50.00	Part No	RUC 0500 0570 110
	Groove Dimension	50.00 x 57.00 x 11.00



50.00
Part No RUC 0500 0580 125
Groove Dimension 50.00 x 58.00 x 12.50

50.00
Part No RUC 0500 0590 110
Groove Dimension 50.00 x 59.00 x 11.00

50.00
Part No RUC 0500 0600 080
Groove Dimension 50.00 x 60.00 x 8.00

50.00
Part No RUC 0500 0600 110
Groove Dimension 50.00 x 60.00 x 11.00

50.00
Part No RUC 0500 0627 105
Groove Dimension 50.00 x 62.70 x 10.50

50.00
Part No RUC 0500 0650 110
Groove Dimension 50.00 x 65.00 x 11.00

50.00
Part No RUC 0500 0650 125
Groove Dimension 50.00 x 65.00 x 12.50

50.00
Part No RUC 0500 0650 165
Groove Dimension 50.00 x 65.00 x 16.50

50.00
Part No RUC 0500 0700 130
Groove Dimension 50.00 x 70.00 x 13.00

50.00
Part No RUC 0500 0700 150
Groove Dimension 50.00 x 70.00 x 15.00

55.00
Part No RUC 0550 0625 100
Groove Dimension 55.00 x 62.50 x 10.00

55.00
Part No RUC 0550 0630 125
Groove Dimension 55.00 x 63.00 x 12.50

55.00
Part No RUC 0550 0650 080
Groove Dimension 55.00 x 65.00 x 8.00

55.00
Part No RUC 0550 0650 095
Groove Dimension 55.00 x 65.00 x 9.50

55.00
Part No RUC 0550 0650 110
Groove Dimension 55.00 x 65.00 x 11.00

55.00
Part No RUC 0550 0680 115
Groove Dimension 55.00 x 68.00 x 11.50

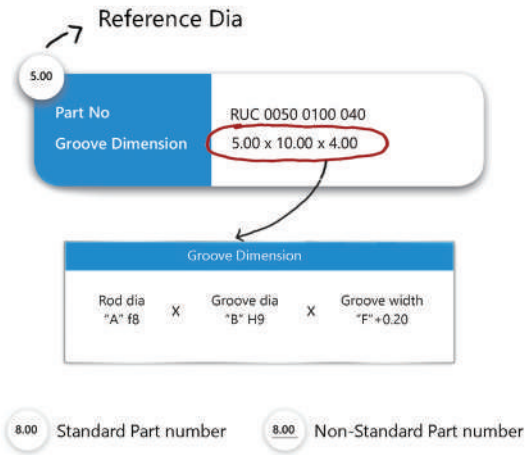
56.00
Part No RUC 0560 0710 125
Groove Dimension 56.00 x 71.00 x 12.50

58.00
Part No RUC 0580 0680 125
Groove Dimension 58.00 x 68.00 x 12.50

60.00	Part No	RUC 0600 0680 125
	Groove Dimension	60.00 x 68.00 x 12.50
60.00	Part No	RUC 0600 0700 070
	Groove Dimension	60.00 x 70.00 x 7.00
60.00	Part No	RUC 0600 0700 130
	Groove Dimension	60.00 x 70.00 x 13.00
60.00	Part No	RUC 0600 0750 125
	Groove Dimension	60.00 x 75.00 x 12.50
63.00	Part No	RUC 0630 0750 110
	Groove Dimension	63.00 x 75.00 x 11.00
63.00	Part No	RUC 0630 0830 130
	Groove Dimension	63.00 x 83.30 x 13.00
65.00	Part No	RUC 0650 0750 110
	Groove Dimension	65.00 x 75.00 x 11.00

60.00	Part No	RUC 0600 0680 140
	Groove Dimension	60.00 x 68.00 x 14.00
60.00	Part No	RUC 0600 0700 080
	Groove Dimension	60.00 x 70.00 x 8.00
60.00	Part No	RUC 0600 0720 100
	Groove Dimension	60.00 x 72.00 x 10.00
60.00	Part No	RUC 0600 0750 165
	Groove Dimension	60.00 x 75.00 x 16.50
63.00	Part No	RUC 0630 0780 125
	Groove Dimension	63.00 x 78.00 x 12.50
63.00	Part No	RUC 0630 0830 145
	Groove Dimension	63.00 x 83.00 x 14.50
65.00	Part No	RUC 0650 0750 125
	Groove Dimension	65.00 x 75.00 x 12.50

60.00	Part No	RUC 0600 0690 110
	Groove Dimension	60.00 x 69.00 x 11.00
60.00	Part No	RUC 0600 0700 125
	Groove Dimension	60.00 x 70.00 x 12.50
60.00	Part No	RUC 0600 0750 110
	Groove Dimension	60.00 x 75.00 x 11.00
60.00	Part No	RUC 0600 0800 130
	Groove Dimension	60.00 x 80.00 x 13.00
63.00	Part No	RUC 0630 0780 125
	Groove Dimension	63.00 x 78.00 x 12.50
65.00	Part No	RUC 0650 0730 125
	Groove Dimension	65.00 x 73.00 x 12.50
65.00	Part No	RUC 0650 0777 105
	Groove Dimension	65.00 x 77.00 x 10.50



70.00
Part No RUC 0700 0800 080
Groove Dimension 70.00 x 80.00 x 8.00

70.00
Part No RUC 0700 0800 130
Groove Dimension 70.00 x 80.00 x 13.00

70.00
Part No RUC 0700 0850 125
Groove Dimension 70.00 x 85.00 x 12.50

75.00
Part No RUC 0750 0830 125
Groove Dimension 75.00 x 83.00 x 12.50

65.00
Part No RUC 0650 0800 125
Groove Dimension 65.00 x 88.00 x 12.50

67.00
Part No RUC 0670 0750 125
Groove Dimension 67.00 x 75.00 x 12.50

70.00
Part No RUC 0700 0780 125
Groove Dimension 70.00 x 78.00 x 12.50

70.00
Part No RUC 0700 0800 090
Groove Dimension 70.00 x 80.00 x 9.00

70.00
Part No RUC 0700 0820 096
Groove Dimension 70.00 x 82.00 x 9.60

70.00
Part No RUC 0700 0900 130
Groove Dimension 70.00 x 90.00 x 13.00

75.00
Part No RUC 0750 0850 070
Groove Dimension 75.00 x 85.00 x 7.00

66.00
Part No RUC 0660 0800 110
Groove Dimension 66.00 x 80.00 x 11.00

70.00
Part No RUC 0700 0775 100
Groove Dimension 70.00 x 77.50 x 10.00

70.00
Part No RUC 0700 0790 140
Groove Dimension 70.00 x 79.00 x 14.00

70.00
Part No RUC 0700 0800 125
Groove Dimension 70.00 x 80.00 x 12.50

70.00
Part No RUC 0700 0850 125
Groove Dimension 70.00 x 85.00 x 12.50

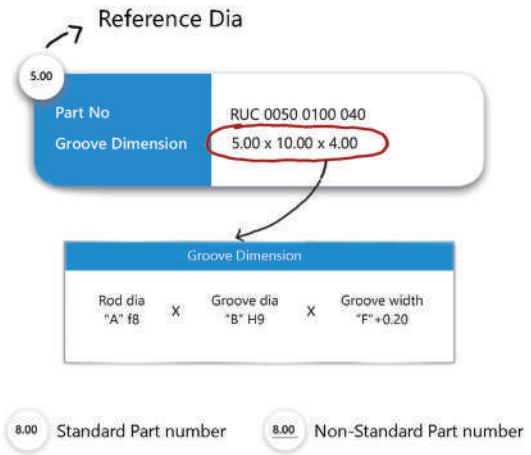
73.00
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Groove Dimension 73.00 x 82.40 x 7.80

75.00
Part No RUC 0750 0850 095
Groove Dimension 75.00 x 85.00 x 9.50

75.00	Part No	RUC 0750 0850 110
	Groove Dimension	75.00 x 85.00 x 11.00
77.00	Part No	RUC 0770 0860 150
	Groove Dimension	77.00 x 86.00 x 15.00
78.00	Part No	RUC 0780 0860 145
	Groove Dimension	78.00 x 86.00 x 14.50
80.00	Part No	RUC 0800 0880 125
	Groove Dimension	80.00 x 88.00 x 12.50
80.00	Part No	RUC 0800 0900 125
	Groove Dimension	80.00 x 90.00 x 12.50
80.00	Part No	RUC 0800 0950 125
	Groove Dimension	80.00 x 95.00 x 12.50
80.00	Part No	RUC 0800 1000 160
	Groove Dimension	80.00 x 100.00 x 16.00

75.00	Part No	RUC 0750 0850 125
	Groove Dimension	75.00 x 85.00 x 12.50
78.00	Part No	RUC 0780 0860 125
	Groove Dimension	78.00 x 86.00 x 12.50
78.00	Part No	RUC 0780 0900 130
	Groove Dimension	78.00 x 90.00 x 13.00
80.00	Part No	RUC 0800 0900 080
	Groove Dimension	80.00 x 90.00 x 8.00
80.00	Part No	RUC 0800 0900 130
	Groove Dimension	80.00 x 90.00 x 13.00
80.00	Part No	RUC 0800 0950 160
	Groove Dimension	80.00 x 95.00 x 16.00
82.50	Part No	RUC 0825 0975 130
	Groove Dimension	82.50 x 97.50 x 13.00

75.00	Part No	RUC 0750 0850 130
	Groove Dimension	75.00 x 85.00 x 13.00
78.00	Part No	RUC 0780 0860 140
	Groove Dimension	78.00 x 86.00 x 14.00
79.40	Part No	RUC 0794 8890 105
	Groove Dimension	79.40 x 88.90 x 10.50
80.00	Part No	RUC 0800 0900 110
	Groove Dimension	80.00 x 90.00 x 11.00
80.00	Part No	RUC 0800 0950 125
	Groove Dimension	80.00 x 95.00 x 12.50
80.00	Part No	RUC 0800 1000 130
	Groove Dimension	80.00 x 100.00 x 13.00
85.00	Part No	RUC 0850 0925 100
	Groove Dimension	85.00 x 92.50 x 10.00

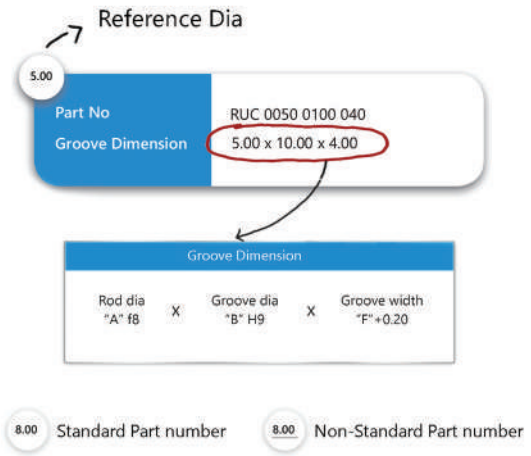


89.00	Part No	RUC 0890 0970 125
	Groove Dimension	89.00 x 97.00 x 12.50
90.00	Part No	RUC 0900 1000 125
	Groove Dimension	90.00 x 100.00 x 12.50
90.00	Part No	RUC 0900 1100 130
	Groove Dimension	90.00 x 110.00 x 13.00
93.00	Part No	RUC 0930 1010 125
	Groove Dimension	93.00 x 101.00 x 12.50

85.00	Part No	RUC 0850 0930 110
	Groove Dimension	85.00 x 93.00 x 11.00
85.00	Part No	RUC 0850 1000 125
	Groove Dimension	85.00 x 100.00 x 12.50
85.00	Part No	RUC 0850 1050 145
	Groove Dimension	85.00 x 105.00 x 14.50
90.00	Part No	RUC 0900 0980 125
	Groove Dimension	90.00 x 98.00 x 12.50
90.00	Part No	RUC 0900 1050 125
	Groove Dimension	90.00 x 105.00 x 12.50
90.00	Part No	RUC 0900 1100 150
	Groove Dimension	90.00 x 110.00 x 15.00
95.00	Part No	RUC 0950 1030 080
	Groove Dimension	95.00 x 103.00 x 8.00

85.00	Part No	RUC 0850 0930 125
	Groove Dimension	85.00 x 93.00 x 12.50
85.00	Part No	RUC 0850 1050 130
	Groove Dimension	85.00 x 105.50 x 13.00
87.00	Part No	RUC 0870 0950 125
	Groove Dimension	87.00 x 95.00 x 12.50
90.00	Part No	RUC 0900 1000 080
	Groove Dimension	90.00 x 100.00 x 8.00
90.00	Part No	RUC 0900 1050 130
	Groove Dimension	90.00 x 105.00 x 13.00
90.00	Part No	RUC 0900 1100 160
	Groove Dimension	90.00 x 110.00 x 16.00
95.00	Part No	RUC 0950 1030 125
	Groove Dimension	95.00 x 103.00 x 12.50

95.00	Part No	RUC 0950 1050 095
	Groove Dimension	95.00 x 105.00 x 9.50
95.00	Part No	RUC 0950 1050 130
	Groove Dimension	95.00 x 105.00 x 13.00
95.00	Part No	RUC 0950 1100 125
	Groove Dimension	95.00 x 110.00 x 12.50
95.00	Part No	RUC 0950 1100 130
	Groove Dimension	95.00 x 110.00 x 13.00
97.00	Part No	RUC 0970 1050 125
	Groove Dimension	97.00 x 105.00 x 12.50
97.00	Part No	RUC 0970 1050 140
	Groove Dimension	97.00 x 105.00 x 14.00
97.00	Part No	RUC 0970 1050 145
	Groove Dimension	97.00 x 105.00 x 14.50
97.00	Part No	RUC 0970 1060 150
	Groove Dimension	97.00 x 106.00 x 15.00
99.00	Part No	RUC 0990 1090 130
	Groove Dimension	99.40 x 109.00 x 13.00
100.00	Part No	RUC 1000 1080 125
	Groove Dimension	100.00 x 108.00 x 12.50
100.00	Part No	RUC 1000 1100 110
	Groove Dimension	100.00 x 110.00 x 11.00
100.00	Part No	RUC 1000 1100 125
	Groove Dimension	100.00 x 110.00 x 12.50
100.00	Part No	RUC 1000 1150 110
	Groove Dimension	100.00 x 115.00 x 11.00
100.00	Part No	RUC 1000 1150 130
	Groove Dimension	100.00 x 115.00 x 13.00
100.00	Part No	RUC 1000 1150 160
	Groove Dimension	100.00 x 115.00 x 16.00
100.00	Part No	RUC 1000 1200 130
	Groove Dimension	100.00 x 120.00 x 13.00
100.00	Part No	RUC 1000 1200 145
	Groove Dimension	100.00 x 120.00 x 14.50
100.00	Part No	RUC 1000 1200 160
	Groove Dimension	100.00 x 120.00 x 16.00
105.00	Part No	RUC 1050 1130 080
	Groove Dimension	105.00 x 113.00 x 8.00
105.00	Part No	RUC 1050 1130 125
	Groove Dimension	105.00 x 113.00 x 12.50
105.00	Part No	RUC 1050 1150 125
	Groove Dimension	105.00 x 115.00 x 12.50



110.00
Part No RUC 1100 1300 130
Groove Dimension 110.00 x 130.00 x 13.00

115.00
Part No RUC 1150 1230 125
Groove Dimension 115.00 x 123.00 x 12.50

117.00
Part No RUC 1170 1330 100
Groove Dimension 117.00 x 133.00 x 10.00

118.00
Part No RUC 1180 1260 145
Groove Dimension 118.00 x 126.00 x 14.50

105.00
Part No RUC 1050 1250 130
Groove Dimension 105.00 x 125.00 x 13.00

110.00
Part No RUC 1100 1180 125
Groove Dimension 110.00 x 118.00 x 12.50

110.00
Part No RUC 1100 1250 106
Groove Dimension 110.00 x 125.00 x 10.60

110.00
Part No RUC 1100 1300 160
Groove Dimension 110.00 x 130.00 x 16.00

115.00
Part No RUC 1150 1250 130
Groove Dimension 115.00 x 125.00 x 13.00

118.00
Part No RUC 1180 1260 125
Groove Dimension 118.00 x 126.00 x 12.50

120.00
Part No RUC 1200 1280 125
Groove Dimension 120.00 x 128.00 x 12.50

108.00
Part No RUC 1080 1160 125
Groove Dimension 108.00 x 116.00 x 12.50

110.00
Part No RUC 1100 1200 115
Groove Dimension 110.00 x 120.50 x 11.50

110.00
Part No RUC 1100 1250 160
Groove Dimension 110.00 x 125.00 x 16.00

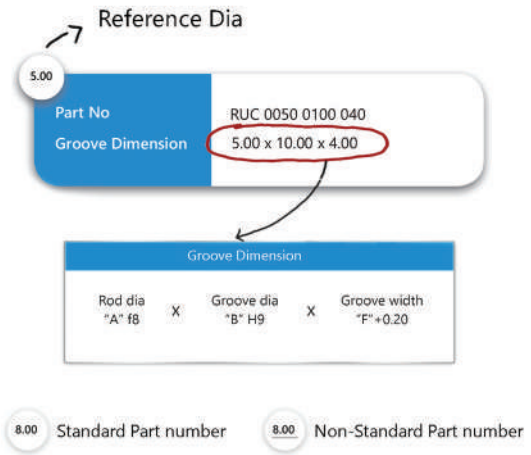
112.00
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Groove Dimension 112.00 x 122.00 x 11.00

115.00
Part No RUC 1150 1300 110
Groove Dimension 115.00 x 130.00 x 11.00

118.00
Part No RUC 1180 1260 140
Groove Dimension 118.00 x 126.00 x 14.00

120.00
Part No RUC 1200 1300 125
Groove Dimension 120.00 x 130.00 x 12.50

120.00	Part No	RUC 1200 1300 130
	Groove Dimension	120.00 x 130.00 x 13.00
120.00	Part No	RUC 1200 1350 160
	Groove Dimension	120.00 x 135.00 x 16.00
120.00	Part No	RUC 1200 1400 130
	Groove Dimension	120.00 x 140.00 x 13.00
120.00	Part No	RUC 1200 1400 160
	Groove Dimension	120.00 x 140.00 x 16.00
125.00	Part No	RUC 1250 1330 125
	Groove Dimension	125.00 x 133.00 x 12.50
125.00	Part No	RUC 1250 1350 110
	Groove Dimension	125.00 x 135.00 x 11.00
125.00	Part No	RUC 1250 1400 125
	Groove Dimension	125.00 x 140.00 x 12.50
125.00	Part No	RUC 1250 1450 130
	Groove Dimension	125.00 x 145.00 x 13.00
125.00	Part No	RUC 1250 1450 160
	Groove Dimension	125.00 x 145.00 x 16.00
125.00	Part No	RUC 1250 1500 200
	Groove Dimension	125.00 x 150.00 x 20.00
127.00	Part No	RUC 1270 1400 125
	Groove Dimension	127.00 x 140.00 x 12.50
128.00	Part No	RUC 1280 1360 125
	Groove Dimension	128.00 x 136.00 x 12.50
130.00	Part No	RUC 1300 1380 125
	Groove Dimension	130.00 x 138.00 x 12.50
130.00	Part No	RUC 1300 1450 160
	Groove Dimension	130.00 x 145.00 x 16.00
130.00	Part No	RUC 1300 1500 135
	Groove Dimension	130.00 x 150.00 x 13.50
130.00	Part No	RUC 1300 1500 160
	Groove Dimension	130.00 x 150.00 x 16.00
132.00	Part No	RUC 1320 1420 095
	Groove Dimension	132.00 x 142.00 x 9.50
135.00	Part No	RUC 1350 1430 125
	Groove Dimension	135.00 x 143.00 x 12.50
135.00	Part No	RUC 1350 1500 125
	Groove Dimension	135.00 x 150.00 x 12.50
135.00	Part No	RUC 1350 1500 160
	Groove Dimension	135.00 x 150.00 x 16.00
140.00	Part No	RUC 1400 1480 125
	Groove Dimension	140.00 x 148.00 x 12.50



145.00	Part No	RUC 1450 1530 125
	Groove Dimension	145.00 x 153.00 x 12.50
148.00	Part No	RUC 1480 1600 130
	Groove Dimension	148.00 x 160.00 x 13.00
152.00	Part No	RUC 1520 1600 125
	Groove Dimension	152.00 x 160.00 x 12.50
160.00	Part No	RUC 1600 1680 125
	Groove Dimension	160.00 x 168.00 x 12.50

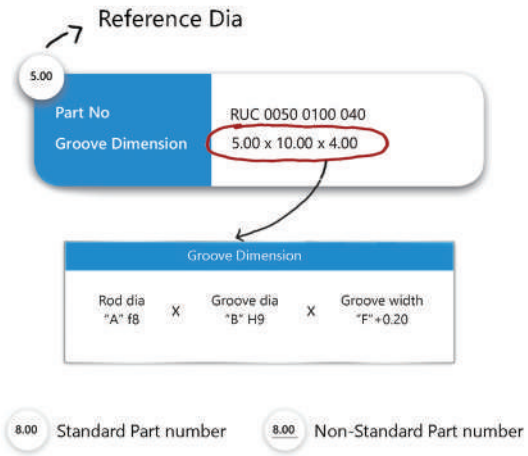
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	Groove Dimension	140.00 x 150.00 x 12.50
140.00	Part No	RUC 1400 1600 160
	Groove Dimension	140.00 x 160.00 x 16.00
143.00	Part No	RUC 1430 1510 125
	Groove Dimension	143.00 x 151.00 x 12.50
145.00	Part No	RUC 1450 1550 130
	Groove Dimension	145.00 x 155.00 x 13.00
150.00	Part No	RUC 1500 1650 160
	Groove Dimension	150.00 x 165.00 x 16.00
152.00	Part No	RUC 1520 1620 110
	Groove Dimension	152.00 x 162.00 x 11.00
160.00	Part No	RUC 1600 1700 125
	Groove Dimension	160.00 x 170.00 x 12.50

140.00	Part No	RUC 1400 1550 106
	Groove Dimension	140.00 x 155.00 x 10.60
141.00	Part No	RUC 1410 1510 130
	Groove Dimension	141.00 x 151.00 x 13.00
143.00	Part No	RUC 1430 1510 145
	Groove Dimension	143.00 x 151.00 x 14.50
145.00	Part No	RUC 1450 1600 130
	Groove Dimension	145.00 x 160.00 x 13.00
150.00	Part No	RUC 1500 1700 160
	Groove Dimension	150.00 x 170.00 x 16.00
155.00	Part No	RUC 1550 1630 125
	Groove Dimension	155.00 x 163.00 x 12.50
160.00	Part No	RUC 1600 1750 160
	Groove Dimension	160.00 x 175.00 x 16.00

160.00	Part No	RUC 1600 1770 160
	Groove Dimension	160.00 x 177.00 x 16.00
170.00	Part No	RUC 1700 1780 125
	Groove Dimension	170.00 x 178.00 x 12.50
170.00	Part No	RUC 1700 1900 160
	Groove Dimension	170.00 x 190.00 x 16.00
171.50	Part No	RUC 1715 1795 125
	Groove Dimension	171.50 x 179.50 x 12.50
180.00	Part No	RUC 1800 1880 145
	Groove Dimension	180.00 x 188.00 x 14.50
180.00	Part No	RUC 1800 1950 125
	Groove Dimension	180.00 x 195.00 x 12.50
180.00	Part No	RUC 1800 2050 160
	Groove Dimension	180.00 x 205.00 x 16.00

162.00	Part No	RUC 1620 1720 130
	Groove Dimension	162.00 x 172.00 x 13.00
170.00	Part No	RUC 1700 1800 130
	Groove Dimension	170.00 x 180.00 x 13.00
171.00	Part No	RUC 1710 1790 125
	Groove Dimension	171.00 x 179.00 x 12.50
175.00	Part No	RUC 1750 1855 130
	Groove Dimension	175.00 x 185.50 x 13.00
180.00	Part No	RUC 1800 1900 110
	Groove Dimension	180.00 x 190.00 x 11.00
180.00	Part No	RUC 1800 1950 135
	Groove Dimension	180.00 x 195.00 x 13.50
185.00	Part No	RUC 1850 1930 125
	Groove Dimension	185.00 x 193.00 x 12.50

165.00	Part No	RUC 1650 1840 140
	Groove Dimension	165.00 x 184.00 x 14.00
170.00	Part No	RUC 1700 1850 160
	Groove Dimension	170.00 x 185.00 x 16.00
171.00	Part No	RUC 1710 1790 140
	Groove Dimension	171.00 x 179.00 x 14.00
178.00	Part No	RUC 1780 1880 110
	Groove Dimension	178.00 x 188.00 x 11.00
180.00	Part No	RUC 1800 1900 125
	Groove Dimension	180.00 x 190.00 x 12.50
180.00	Part No	RUC 1800 2000 160
	Groove Dimension	180.00 x 200.00 x 16.00
190.00	Part No	RUC 1900 2100 160
	Groove Dimension	190.00 x 210.00 x 16.00



212.00

Part No	RUC 2120 2200 145
Groove Dimension	212.00 x 220.00 x 14.50

200.00

Part No	RUC 2000 2080 125
Groove Dimension	200.00 x 208.00 x 12.50

200.00

Part No	RUC 2000 2250 160
Groove Dimension	200.00 x 225.00 x 16.00

205.00

Part No	RUC 2050 2200 125
Groove Dimension	205.00 x 220.00 x 12.50

220.00

Part No	RUC 2200 2350 160
Groove Dimension	220.00 x 235.00 x 16.00

200.00

Part No	RUC 2000 2200 160
Groove Dimension	200.00 x 220.00 x 16.00

202.00

Part No	RUC 2020 2120 145
Groove Dimension	202.00 x 212.00 x 14.50

210.00

Part No	RUC 2100 2300 160
Groove Dimension	210.00 x 230.00 x 16.00

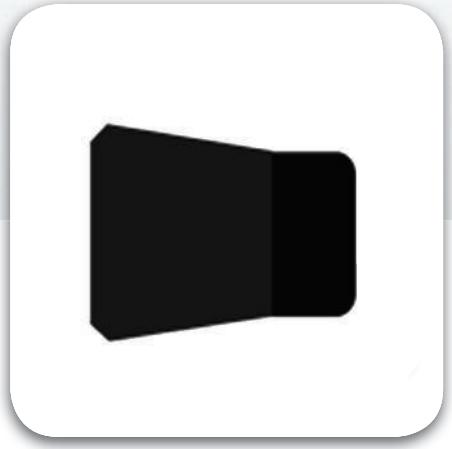
TRIADA

RAB

Rod Seals

#SealingExcellence



Description

The RAB type seal is a compact rod seal which possess an excellent sealing performance even at the low pressure due to the radial preload; the material used for this seal provides high wear resistance and good chemical resistance.

Diameter Range	Ø4.70 – Ø445.00
Standard material	TRIAFLEX® T543 (Cotton fabric reinforced material)
Temperature(°C)	-35° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Mineral Hydraulic Fluids (for other media, please contact TRIADA® Application Engineering)
Pressure	≤ 250 bar



Material Details

Sealing Material	Sealing Material Code
TRIAFLEX® cotton fabric reinforced material impregnated with NBR 70 Shores A	T543

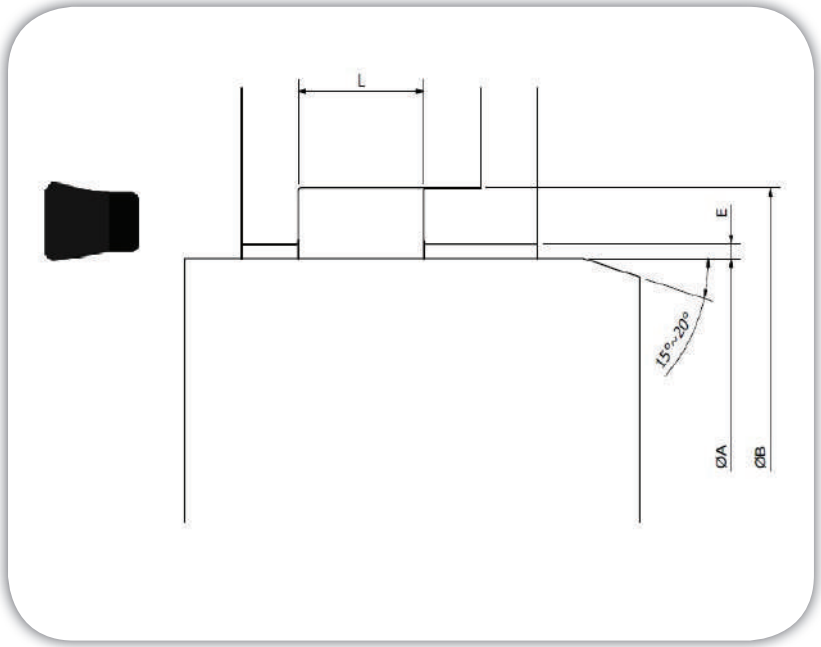
Nomenclature

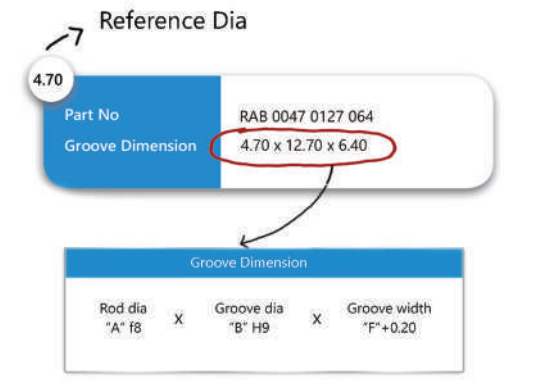
Part No	RAB	0160	0240	064	T543
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove Details

Operating Max. Pressure in BAR	Radial Clearance "E"max.
160	0.20
250	0.10





10.00	Part No	RAB 0100 0180 060
	Groove Dimension	10.00 x 18.00 x 6.00
12.00	Part No	RAB 0120 0190 063
	Groove Dimension	12.00 x 19.00 x 6.30
12.70	Part No	RAB 0127 0206 068
	Groove Dimension	12.70 x 20.06 x 6.80
14.20	Part No	RAB 0142 0238 076
	Groove Dimension	14.20 x 23.80 x 7.60

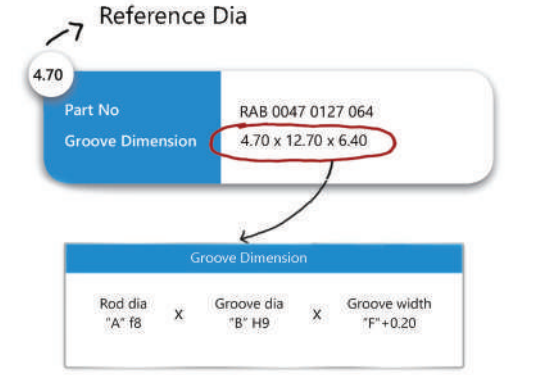
4.70	Part No	RAB 0047 0127 064
	Groove Dimension	4.70 x 12.70 x 6.40
6.00	Part No	RAB 0060 0140 064
	Groove Dimension	6.00 x 14.00 x 6.40
8.00	Part No	RAB 0080 0150 064
	Groove Dimension	8.00 x 15.00 x 6.40
11.00	Part No	RAB 0110 0206 076
	Groove Dimension	11.00 x 20.60 x 7.60
12.00	Part No	RAB 0120 0200 064
	Groove Dimension	12.00 x 20.00 x 6.40
12.70	Part No	RAB 0127 0222 076
	Groove Dimension	12.70 x 22.20 x 7.60
15.00	Part No	RAB 0150 0230 064
	Groove Dimension	15.00 x 23.00 x 6.40

6.00	Part No	RAB 0060 0100 050
	Groove Dimension	06.00 x 10.00 x 5.00
6.30	Part No	RAB 0063 0142 068
	Groove Dimension	6.30 x 14.20 x 6.80
10.00	Part No	RAB 0100 0170 064
	Groove Dimension	10.00 x 17.00 x 6.40
12.00	Part No	RAB 0120 0180 075
	Groove Dimension	12.00 x 18.00 x 7.50
12.70	Part No	RAB 0127 0190 052
	Groove Dimension	12.70 x 19.00 x 5.20
14.00	Part No	RAB 0140 0220 065
	Groove Dimension	14.00 x 22.10 x 6.50
15.80	Part No	RAB 0158 0222 052
	Groove Dimension	15.80 x 22.20 x 5.20

15.80	Part No	RAB 0158 0254 076
	Groove Dimension	15.80x 25.40 x 7.60
17.40	Part No	RAB 0174 0301 100
	Groove Dimension	17.40 x 30.10 x 10.00
18.00	Part No	RAB 0180 0260 070
	Groove Dimension	18.00 x 26.00 x 7.00
19.00	Part No	RAB 0190 0317 085
	Groove Dimension	19.00 x 31.70 x 8.50
20.00	Part No	RAB 0200 0280 070
	Groove Dimension	20.00 x 28.00 x 7.00
20.60	Part No	RAB 0206 0333 100
	Groove Dimension	26.60 x 33.30 x 10.00
22.00	Part No	RAB 0220 0350 100
	Groove Dimension	22.00 x 35.00 x 10.00

16.00	Part No	RAB 0160 0240 064
	Groove Dimension	16.00 x 24.00 x 6.40
18.00	Part No	RAB 0180 0250 080
	Groove Dimension	18.00 x 25.00 x 8.00
18.00	Part No	RAB 0180 0280 063
	Groove Dimension	18.00 x 28.00 x 6.30
20.00	Part No	RAB 0200 0270 065
	Groove Dimension	20.00 x 27.00 x 6.50
20.00	Part No	RAB 0200 0300 085
	Groove Dimension	20.00 x 30.00 x 8.50
22.00	Part No	RAB 0220 0300 065
	Groove Dimension	22.00 x 30.00 x 6.50
22.00	Part No	RAB 0222 0317 092
	Groove Dimension	22.20 x 31.70 x 9.20

16.00	Part No	RAB 0160 0240 070
	Groove Dimension	16.00 x 24.00 x 7.00
18.00	Part No	RAB 0180 0250 080
	Groove Dimension	18.00 x 25.00 x 8.00
19.00	Part No	RAB 0190 0285 090
	Groove Dimension	19.00 x 28.50 x 9.00
20.00	Part No	RAB 0200 0280 063
	Groove Dimension	20.00 x 28.00 x 6.30
20.00	Part No	RAB 0200 0350 115
	Groove Dimension	20.00 x 35.00 x 11.50
22.00	Part No	RAB 0220 0300 070
	Groove Dimension	22.00 x 30.00 x 7.00
23.80	Part No	RAB 0238 0365 100
	Groove Dimension	23.80 x 36.50 x 10.00



25.40	
Part No	RAB 0254 0317 052
Groove Dimension	25.40 x 31.70 x 5.20

25.40	
Part No	RAB 0254 0412 116
Groove Dimension	25.40 x 41.20 x 11.60

28.00	
Part No	RAB 0280 0360 064
Groove Dimension	28.00 x 36.00 x 6.40

28.50	
Part No	RAB 0285 0444 116
Groove Dimension	28.50 x 44.40 x 11.60

24.00	
Part No	RAB 0240 0320 075
Groove Dimension	24.00 x 32.00 x 7.50

25.00	
Part No	RAB 0250 0330 064
Groove Dimension	25.00 x 33.00 x 6.40

25.00	
Part No	RAB 0250 0380 100
Groove Dimension	25.00 x 38.00 x 10.00

25.40	
Part No	RAB 0254 0349 068
Groove Dimension	25.40 x 34.90 x 6.80

26.00	
Part No	RAB 0260 0400 100
Groove Dimension	26.00 x 40.00 x 10.00

28.10	
Part No	RAB 0281 0396 080
Groove Dimension	28.10 x 39.60 x 8.00

28.50	
Part No	RAB 0285 0444 116
Groove Dimension	28.50 x 44.40 x 11.60

24.00	
Part No	RAB 0240 0340 065
Groove Dimension	24.00 x 34.00 x 6.50

25.00	
Part No	RAB 0250 0350 090
Groove Dimension	25.00 x 35.00 x 9.00

25.00	
Part No	RAB 0250 0440 125
Groove Dimension	25.00 x 44.00 x 12.50

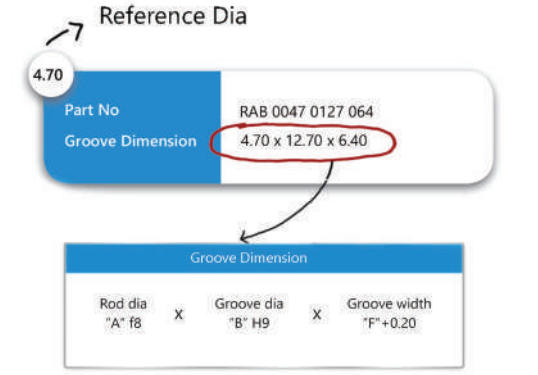
25.40	
Part No	RAB 0254 0381 100
Groove Dimension	25.40 x 38.10 x 10.00

27.00	
Part No	RAB 0270 0350 065
Groove Dimension	27.00 x 35.00 x 06.50

28.50	
Part No	RAB 0285 0412 100
Groove Dimension	28..50 x 41.20 x 10.00

30.00	
Part No	RAB 0300 0375 065
Groove Dimension	30.00 x 37.50 x 6.50

30.00	Part No	RAB 0300 0380 064
	Groove Dimension	30.00x 38.00 x 6.40
30.00	Part No	RAB 0300 0400 075
	Groove Dimension	30.00 x 40.00 x 7.50
30.00	Part No	RAB 0300 0416 080
	Groove Dimension	30.00 x 41.60 x 8.00
30.00	Part No	RAB 0300 0450 090
	Groove Dimension	30.00 x 45.00 x 9.00
30.00	Part No	RAB 0300 0500 145
	Groove Dimension	30.00 x 50.00 x 14.50
31.70	Part No	RAB 0317 0476 116
	Groove Dimension	31.70 x 47.60 x 11.60
32.00	Part No	RAB 0320 0400 063
	Groove Dimension	32.00 x 40.00 x 6.30
32.00	Part No	RAB 0320 0400 090
	Groove Dimension	32.00 x 40.00 x 9.00
34.90	Part No	RAB 0349 0508 085
	Groove Dimension	34.90 x 50.80 x 8.50
34.90	Part No	RAB 0349 0508 100
	Groove Dimension	34.90 x 50.80 x 10.00
35.00	Part No	RAB 0350 0430 065
	Groove Dimension	35.00 x 43.00 x 6.50
35.00	Part No	RAB 0350 0450 080
	Groove Dimension	35.00 x 45.00 x 8.00
35.00	Part No	RAB 0350 0450 135
	Groove Dimension	35.00 x 45.00 x 13.50
35.00	Part No	RAB 0350 0500 115
	Groove Dimension	35.00 x 50.00 x 11.50
36.00	Part No	RAB 0360 0430 065
	Groove Dimension	36.00 x 43.00 x 6.50
36.00	Part No	RAB 0360 0440 064
	Groove Dimension	36.60 x 44.00 x 6.40
36.00	Part No	RAB 0360 0480 095
	Groove Dimension	36.00 x 48.00 x 9.50
37.70	Part No	RAB 0377 0508 090
	Groove Dimension	37.70 x 50.80 x 9.00
38.00	Part No	RAB 0380 0500 095
	Groove Dimension	38.00 x 50.00 x 9.50
38.10	Part No	RAB 0381 0476 063
	Groove Dimension	38.10 x 47.60 x 6.30
38.10	Part No	RAB 0381 0508 100
	Groove Dimension	38.10 x 50.80 x 10.00



40.00	
Part No	RAB 0400 0500 135
Groove Dimension	40.00 x 50.00 x 13.50

44.00	
Part No	RAB 0440 0530 080
Groove Dimension	44.00 x 53.00 x 8.00

44.00	
Part No	RAB 0440 0530 080
Groove Dimension	44.00 x 53.00 x 8.00

45.00	
Part No	RAB 0450 0530 065
Groove Dimension	45.00 x 53.00 x 6.50

38.10	
Part No	RAB 0381 0508 124
Groove Dimension	38.10 x 50.80 x 12.40

38.10	
Part No	RAB 0381 0539 128
Groove Dimension	38.10 x 53.90 x 12.80

40.00	
Part No	RAB 0400 0500 080
Groove Dimension	40.00 x 50.00 x 8.00

40.00	
Part No	RAB 0400 0600 145
Groove Dimension	40.00 x 60.00 x 14.50

42.90	
Part No	RAB 0429 0555 089
Groove Dimension	42.90 x 55.50 x 8.90

44.00	
Part No	RAB 0444 0603 116
Groove Dimension	44.40 x 60.30 x 11.60

45.00	
Part No	RAB 0450 0550 080
Groove Dimension	45.00 x 55.00 x 8.00

38.10	
Part No	RAB 0381 0539 115
Groove Dimension	38.10 x 53.9 x 11.50

40.00	
Part No	RAB 0400 0480 065
Groove Dimension	40.00 x 48.00 x 6.50

40.00	
Part No	RAB 0400 0500 110
Groove Dimension	40.00 x 50.00 x 11.00

42.90	
Part No	RAB 0429 0555 089
Groove Dimension	42.00 x 55.50 x 8.90

43.00	
Part No	RAB 0430 0530 090
Groove Dimension	43.00 x 53.00 x 9.00

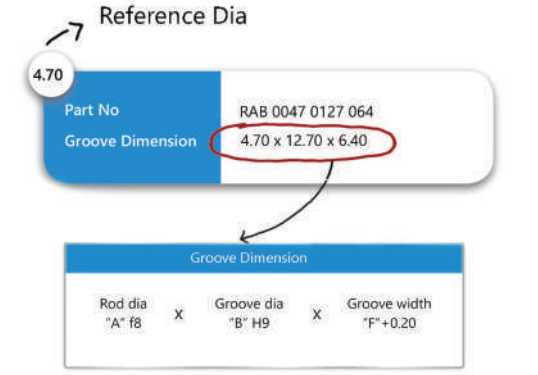
44.40	
Part No	RAB 0444 0619 116
Groove Dimension	44.40 x 61.90 x 11.60

45.00	
Part No	RAB 0450 0630 110
Groove Dimension	45.00 x 63.00 x 11.10

45.00	
Part No	RAB 0450 0650 145
Groove Dimension	45.00x 65.00 x 14.50
50.00	
Part No	RAB 0500 0580 125
Groove Dimension	50.00 x 58.00 x 12.00
50.00	
Part No	RAB 0500 0620 095
Groove Dimension	50.00 x 62.00 x 9.50
50.80	
Part No	RAB 0508 0603 110
Groove Dimension	50.80 x 60.30 x 11.00
50.80	
Part No	RAB 0508 0666 115
Groove Dimension	50.80 x 66.60 x 11.50
55.00	
Part No	RAB 0550 0700 105
Groove Dimension	55.00 x 70.00 x 10.50
56.00	
Part No	RAB 0560 0760 145
Groove Dimension	56.00 x 76.00 x 14.50

45.90	
Part No	RAB 0459 0553 083
Groove Dimension	45.90 x 55.30 x 8.30
50.00	
Part No	RAB 0500 0600 080
Groove Dimension	50.00 x 60.00 x 8.00
50.00	
Part No	RAB 0500 0645 115
Groove Dimension	50.00 x 64.50 x 11.50
50.80	
Part No	RAB 0508 0666 115
Groove Dimension	50.80 x 66.60 x 11.50
53.90	
Part No	RAB 0539 0730 148
Groove Dimension	53.90 x 73.00 x 14.80
55.00	
Part No	RAB 0550 0750 145
Groove Dimension	55.00 x 75.00 x 14.50
57.00	
Part No	RAB 0570 0670 080
Groove Dimension	57.00 x 67.70 x 8.00

48.00	
Part No	RAB 0480 0600 070
Groove Dimension	48.00 x 60.00 x 7.00
50.00	
Part No	RAB 0500 0600 100
Groove Dimension	50.00 x 60.00 x 10.00
50.00	
Part No	RAB 0500 0700 145
Groove Dimension	50.00 x 70.00 x 14.50
53.90	
Part No	RAB 0539 0730 148
Groove Dimension	53.90 x 73.00 x 14.80
55.00	
Part No	RAB 0550 0650 110
Groove Dimension	55.00 x 65.00 x 11.00
56.00	
Part No	RAB 0560 0660 080
Groove Dimension	56.00 x 66.00 x 8.00
57.10	
Part No	RAB 0571 0698 100
Groove Dimension	57.10 x 69.80 x 10.00



60.00	
Part No	RAB 0600 0710 096
Groove Dimension	60.00 x 71.00 x 96.00

60.00	
Part No	RAB 0600 0800 145
Groove Dimension	60.00 x 80.00 x 14.50

63.00	
Part No	RAB 0630 0750 096
Groove Dimension	63.00 x 75.00 x 96.00

63.50	
Part No	RAB 0635 0825 142
Groove Dimension	63.50 x 82.50 x 14.20

57.10	
Part No	RAB 0571 0730 115
Groove Dimension	57.10 x 73.00 x 11.50

57.10	
Part No	RAB 0571 0762 135
Groove Dimension	57.10 x 76.20 x 13.50

60.00	
Part No	RAB 0600 0695 070
Groove Dimension	60.00 x 69.50 x 7.00

60.00	
Part No	RAB 0600 0720 100
Groove Dimension	60.00 x 72.00 x 10.00

60.30	
Part No	RAB 0603 0793 148
Groove Dimension	60.30 x 79.30 x 14.80

63.00	
Part No	RAB 0630 0830 145
Groove Dimension	63.00 x 83.00 x 14.50

65.00	
Part No	RAB 0650 0750 085
Groove Dimension	65.00 x 75.00 x 8.50

57.10	
Part No	RAB 0571 0762 100
Groove Dimension	57.10 x 76.20 x 10.00

57.10	
Part No	RAB 0571 0762 142
Groove Dimension	57.10 x 76.20 x 14.20

60.00	
Part No	RAB 0600 0700 080
Groove Dimension	60.00 x 70.00 x 8.00

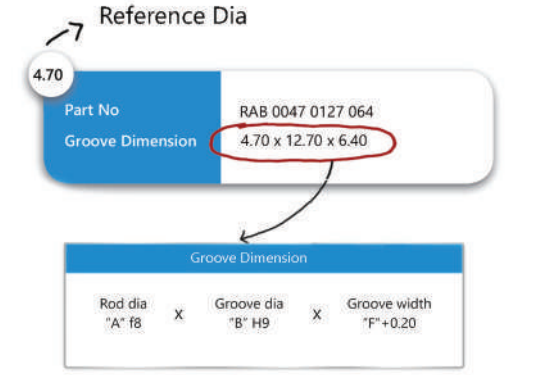
60.00	
Part No	RAB 0600 0750 130
Groove Dimension	60.00 x 75.00 x 13.00

61.00	
Part No	RAB 0610 0690 085
Groove Dimension	61.00 x 69.00 x 8.50

63.50	
Part No	RAB 0635 0777 115
Groove Dimension	63.50 x 77.70 x 11.50

65.00	
Part No	RAB 0650 0750 135
Groove Dimension	65.00 x 75.00 x 13.50

65.00	
Part No	RAB 0650 0770 096
Groove Dimension	65.00x 77.00 x 9.60
65.00	
Part No	RAB 0650 0800 115
Groove Dimension	65.00 x 80.00 x 11.50
65.00	
Part No	RAB 0650 0850 145
Groove Dimension	65.00 x 85.00 x 14.50
65.00	
Part No	RAB 0650 0950 175
Groove Dimension	65.00 x 95.00 x 17.50
66.00	
Part No	RAB 0660 0800 110
Groove Dimension	66.00 x 80.00 x 11.00
66.60	
Part No	RAB 0666 0857 148
Groove Dimension	66.60 x 85.70 x 14.80
68.00	
Part No	RAB 0680 0760 080
Groove Dimension	68.00 x 76.00 x 8.00
70.00	
Part No	RAB 0700 0800 080
Groove Dimension	70.00 x 80.00 x 8.00
70.00	
Part No	RAB 0700 0820 096
Groove Dimension	70.00 x 82.00 x 9.60
70.00	
Part No	RAB 0700 0840 125
Groove Dimension	70.00 x 84.00 x 12.50
70.00	
Part No	RAB 0700 0850 120
Groove Dimension	70.00 x 85.00 x 12.00
70.00	
Part No	RAB 0700 0900 145
Groove Dimension	70.00 x 90.00 x 14.50
73.00	
Part No	RAB 0730 0889 125
Groove Dimension	73.00 x 88.90 x 12.50
75.00	
Part No	RAB 0750 0850 080
Groove Dimension	75.00 x 85.00 x 8.00
75.00	
Part No	RAB 0750 0895 115
Groove Dimension	75.00 x 89.50 x 11.50
75.00	
Part No	RAB 0750 0900 115
Groove Dimension	75.00 x 90.00 x 11.50
75.00	
Part No	RAB 0750 0950 110
Groove Dimension	75.00 x 95.00 x 11.00
76.00	
Part No	RAB 0760 0840 085
Groove Dimension	76.00 x 84.00 x 8.50
76.20	
Part No	RAB 0762 0889 094
Groove Dimension	76.20 x 88.90 x 9.40
76.20	
Part No	RAB 0762 0952 148
Groove Dimension	76.20 x 95.20 x 14.80
77.00	
Part No	RAB 0770 0870 080
Groove Dimension	77.00 x 87.00 x 8.00



82.50
Part No RAB 0825 1016 148
Groove Dimension 82.50 x 101.60 x 14.80

85.00
Part No RAB 0850 0950 085
Groove Dimension 85.00 x 95.00 x 8.50

85.00
Part No RAB 0850 1050 145
Groove Dimension 85.00 x 105.00 x 14.50

85.70
Part No RAB 0857 1047 148
Groove Dimension 85.70 x 104.70 x 14.80

79.00
Part No RAB 0790 0885 070
Groove Dimension 79.00 x 88.50 x 7.00

80.00
Part No RAB 0800 0920 096
Groove Dimension 80.00 x 92.00 x 9.60

80.00
Part No RAB 0800 1000 145
Groove Dimension 80.00 x 100.00 x 14.50

84.00
Part No RAB 0840 0940 080
Groove Dimension 84.00 x 94.00 x 8.00

85.00
Part No RAB 0850 0970 096
Groove Dimension 85.00 x 97.00 x 9.60

85.00
Part No RAB 0850 1100 135
Groove Dimension 85.00 x 110.00 x 13.50

88.00
Part No RAB 0880 0960 080
Groove Dimension 88.00 x 96.00 x 8.00

80.00
Part No RAB 0800 0900 080
Groove Dimension 80.00 x 90.00 x 8.00

80.00
Part No RAB 0800 0960 105
Groove Dimension 80.00 x 96.00 x 10.50

81.00
Part No RAB 0810 0910 080
Groove Dimension 81.00 x 91.00 x 8.00

85.00
Part No RAB 0850 0950 080
Groove Dimension 85.00 x 95.00 x 8.00

85.00
Part No RAB 0850 1000 120
Groove Dimension 85.00 x 100.00 x 12.00

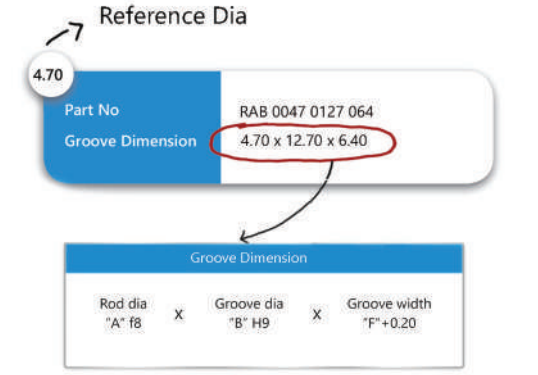
85.70
Part No RAB 0857 1047 148
Groove Dimension 85.70 x 104.70 x 14.80

88.90
Part No RAB 0889 1016 100
Groove Dimension 88.90 x 101.60 x 10.00

90.00	Part No	RAB 0900 1100 125
	Groove Dimension	90.00x 110.00 x 12.50
91.00	Part No	RAB 0910 0990 085
	Groove Dimension	91.00 x 99.00 x 8.50
95.00	Part No	RAB 0950 1070 125
	Groove Dimension	95.00 x 107.00 x 12.50
95.20	Part No	RAB 0952 1206 195
	Groove Dimension	95.20 x 120.60 x 19.50
97.00	Part No	RAB 0970 1080 125
	Groove Dimension	97.00 x 108.00 x 12.50
100.00	Part No	RAB 1000 1150 115
	Groove Dimension	100.00 x 115.00 x 11.50
101.50	Part No	RAB 1015 1238 171
	Groove Dimension	101.50 x 123.80 x 17.10

88.90	Part No	RAB 0889 1143 127
	Groove Dimension	88.90 x 114.30 x 12.70
92.00	Part No	RAB 0920 1174 132
	Groove Dimension	92.00 x 117.40 x 13.20
95.00	Part No	RAB 0950 1100 125
	Groove Dimension	95.00 x 110.00 x 12.50
96.00	Part No	RAB 0960 1050 085
	Groove Dimension	96.00 x 105.00 x 8.50
98.00	Part No	RAB 0980 1075 070
	Groove Dimension	98.00 x 107.50 x 7.00
100.00	Part No	RAB 1000 1200 120
	Groove Dimension	100.00 x 120.00 x 12.00
101.60	Part No	RAB 1016 1270 195
	Groove Dimension	101.60 x 127.70 x 19.50

90.00	Part No	RAB 0900 1020 096
	Groove Dimension	90.00 x 102.00 x 9.60
95.00	Part No	RAB 0950 1050 110
	Groove Dimension	95.00 x 105.00 x 11.00
95.20	Part No	RAB 0952 1143 135
	Groove Dimension	95.20 x 114.30 x 13.50
96.00	Part No	RAB 0960 1080 125
	Groove Dimension	96.00 x 108.00 x 12.50
100.00	Part No	RAB 1000 1130 135
	Groove Dimension	100.00 x 113.00 x 13.50
100.00	Part No	RAB 1000 1200 145
	Groove Dimension	100.00 x 120.00 x 14.50
103.30	Part No	RAB 1030 1150 125
	Groove Dimension	103.00 x 115.00 x 12.0



106.00	Part No	RAB 1060 1160 085
	Groove Dimension	106.00 x 116.00 x 8.50
110.00	Part No	RAB 1100 1250 120
	Groove Dimension	110.00 x 125.00 x 12.00
114.30	Part No	RAB 1143 1333 124
	Groove Dimension	114.30 x 133.30 x 12.40
115.00	Part No	RAB 1150 1350 160
	Groove Dimension	115.00 x 135.00 x 16.00

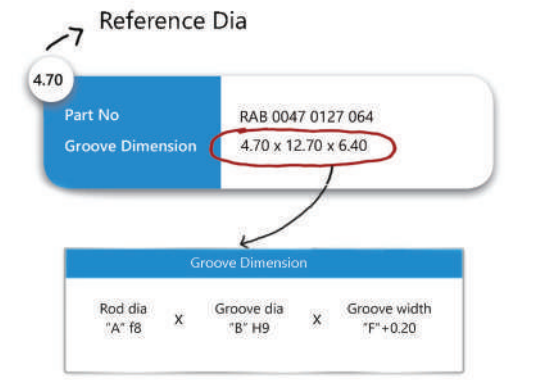
104.00	Part No	RAB 1040 1200 120
	Groove Dimension	104.00 x 120.00 x 12.00
105.00	Part No	RAB 1050 1150 110
	Groove Dimension	105.00 x 115.00 x 11.00
105.00	Part No	RAB 1050 1200 120
	Groove Dimension	105.00 x 120.00 x 12.00
107.00	Part No	RAB 1070 1150 080
	Groove Dimension	107.00 x 115.00 x 8.00
110.00	Part No	RAB 1100 1350 155
	Groove Dimension	110.00 x 135.00 x 15.50
114.30	Part No	RAB 1143 1397 195
	Groove Dimension	114.30 x 139.70 x 19.50
118.00	Part No	RAB 1180 1300 125
	Groove Dimension	118.00 x 130.00 x 12.50

104.00	Part No	RAB 1040 1300 195
	Groove Dimension	104.00 x 130.00 x 19.50
105.00	Part No	RAB 1050 1170 125
	Groove Dimension	105.00 x 117.00 x 12.50
105.00	Part No	RAB 1050 1250 125
	Groove Dimension	105.00 x 125.00 x 12.50
107.90	Part No	RAB 1079 1333 190
	Groove Dimension	107.90 x 133.30 x 19.00
110.00	Part No	RAB 1100 1400 165
	Groove Dimension	110.00 x 140.00 x 165.00
115.00	Part No	RAB 1150 1250 090
	Groove Dimension	115.00 x 125.00 x 9.00
120.00	Part No	RAB 1200 1300 080
	Groove Dimension	120.00 x 130.00 x 8.00

120.00	Part No	RAB 1200 1327 100
	Groove Dimension	120.00x 132.70 x 10.00
123.00	Part No	RAB 1230 1330 080
	Groove Dimension	123.00 x 133.00 x 8.00
126.00	Part No	RAB 1260 1340 080
	Groove Dimension	126.00 x 134.00 x 8.00
127.00	Part No	RAB 1270 1450 115
	Groove Dimension	127.00 x 145.00 x 11.50
130.00	Part No	RAB 1300 1450 130
	Groove Dimension	130.00 x 145.00 x 13.00
139.70	Part No	RAB 1397 1651 195
	Groove Dimension	139.70 x 165.10 x 19.50
152.40	Part No	RAB 1524 1778 195
	Groove Dimension	152.40 x 177.80 x 19.50

120.00	Part No	RAB 1200 1400 125
	Groove Dimension	120.00 x 140.00 x 12.50
125.00	Part No	RAB 1250 1350 085
	Groove Dimension	125.00 x 135.00 x 8.50
126.00	Part No	RAB 1260 1360 085
	Groove Dimension	126.00 x 136.00 x 8.50
127.00	Part No	RAB 1270 1524 195
	Groove Dimension	127.00 x 152.40 x 19.50
131.00	Part No	RAB 1310 1440 135
	Groove Dimension	131.00 x 144.00 x 13.50
140.00	Part No	RAB 1400 1550 130
	Groove Dimension	140.00 x 155.00 x 13.00
152.40	Part No	RAB 1524 1841 258
	Groove Dimension	152.40 x 184.10 x 25.80

120.60	Part No	RAB 1206 1460 195
	Groove Dimension	120.60 x 146.00 x 19.50
125.00	Part No	RAB 1250 1400 120
	Groove Dimension	125.00 x 140.00 x 12.00
127.00	Part No	RAB 1270 1397 100
	Groove Dimension	127.00 x 139.70 x 10.00
130.00	Part No	RAB 1300 1400 080
	Groove Dimension	130.00 x 140.00 x 8.00
133.30	Part No	RAB 1333 1587 140
	Groove Dimension	133.30 x 158.70 x 14.00
146.00	Part No	RAB 1460 1714 195
	Groove Dimension	146.00 x 171.40 x 19.50
155.00	Part No	RAB 1550 1700 095
	Groove Dimension	155.00 x 170.00 x 9.50



170.00
Part No RAB 1700 1827 100
Groove Dimension 170.00 x 182.70 x 10.00

177.80
Part No RAB 1778 2032 227
Groove Dimension 177.80 x 203.20 x 22.70

187.00
Part No RAB 1870 2020 115
Groove Dimension 187.00 x 202.60 x 11.50

196.00
Part No RAB 1960 2087 095
Groove Dimension 196.00 x 208.70 x 9.50

158.70
Part No RAB 1587 1905 258
Groove Dimension 158.70 x 190.50 x 25.80

163.00
Part No RAB 1630 1780 130
Groove Dimension 163.00 x 178.00 x 13.00

165.10
Part No RAB 1651 1778 100
Groove Dimension 165.10 x 177.80 x 10.00

171.40
Part No RAB 1714 2032 258
Groove Dimension 171.40 x 203.20 x 25.80

180.00
Part No RAB 1800 1950 125
Groove Dimension 180.00 x 195.00 x 12.50

188.00
Part No RAB 1880 2030 130
Groove Dimension 188.00 x 203.00 x 13.00

196.88
Part No RAB 1968 2286 258
Groove Dimension 196.80 x 228.60 x 25.80

160.00
Part No RAB 1600 1740 115
Groove Dimension 160.00 x 174.00 x 115.00

163.00
Part No RAB 1630 1780 130
Groove Dimension 163.00 x 178.00 x 13.00

165.10
Part No RAB 1651 1968 258
Groove Dimension 165.10 x 196.80 x 25.80

175.00
Part No RAB 1750 2000 145
Groove Dimension 175.00 x 200.00 x 14.50

184.10
Part No RAB 1841 2159 258
Groove Dimension 184.10 x 215.90 x 25.80

190.50
Part No RAB 1905 2222 258
Groove Dimension 190.50 x 222.20 x 25.80

203.20
Part No RAB 2032 2350 258
Groove Dimension 203.20 x 235.00 x 25.80

214.00

Part No	RAB 2140 2290 130
Groove Dimension	214.00x 229.00 x 13.00

215.90

Part No	RAB 2159 2476 258
Groove Dimension	215.90 x 247.60 x 25.80

220.00

Part No	RAB 2200 2500 205
Groove Dimension	220.00 x 250.00 x 20.50

222.00

Part No	RAB 2222 2540 258
Groove Dimension	222.20 x 254.00 x 25.80

224.00

Part No	RAB 2240 2367 095
Groove Dimension	224.00 x 236.70 x 9.50

228.60

Part No	RAB 2286 2603 258
Groove Dimension	228.60 x 260.30 x 25.80

238.00

Part No	RAB 2380 2580 155
Groove Dimension	238.00 x 258.00 x 15.50

240.00

Part No	RAB 2400 2550 130
Groove Dimension	240.00 x 255.00 x 13.00

241.30

Part No	RAB 2413 2730 258
Groove Dimension	24.13 x 273.00 x 25.80

250.00

Part No	RAB 2500 2900 254
Groove Dimension	250.00 x 290.00 x 25.40

254.00

Part No	RAB 2540 2857 258
Groove Dimension	254.00 x 285.70 x 25.80

260.30

Part No	RAB 2603 2921 258
Groove Dimension	260.30 x 292.10 x 25.80

266.70

Part No	RAB 2667 2984 258
Groove Dimension	266.70 x 298.40 x 25.80

273.00

Part No	RAB 2730 3048 258
Groove Dimension	273.00 x 304.80 x 25.80

273.00

Part No	RAB 2730 3048 258
Groove Dimension	273.00 x 304.80 x 25.80

280.00

Part No	RAB 2800 3200 225
Groove Dimension	280.00 x 320.00 x 22.50

285.70

Part No	RAB 2857 3175 258
Groove Dimension	285.70 x 317.50 x 25.80

298.40

Part No	RAB 2984 3302 258
Groove Dimension	298.40 x 330.20 x 25.80

304.80

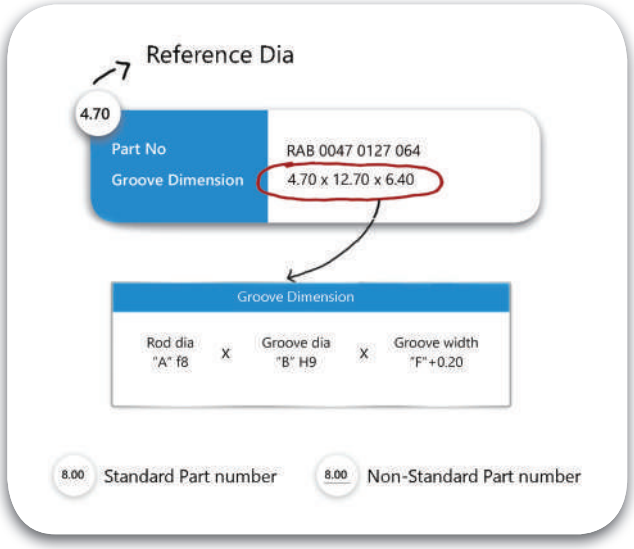
Part No	RAB 3048 3365 258
Groove Dimension	304.80 x 336.50 x 25.80

318.00

Part No	RAB 3180 3550 130
Groove Dimension	318.00 x 355.00 x 13.00

320.00

Part No	RAB 3200 3600 255
Groove Dimension	318.00 x 355.00 x 13.00



350.00

Part No	RAB 3500 3850 254
Groove Dimension	350.00 x 385.00 x 25.40

375.00

Part No	RAB 3750 4150 254
Groove Dimension	375.00 x 415.00 x 25.40

445.00

Part No	RAB 4450 4820 355
Groove Dimension	445.00 x 482.00 x 35.50

445.00

Part No	RAB 4450 4820 355
Groove Dimension	445.00 x 482.20 x 35.50

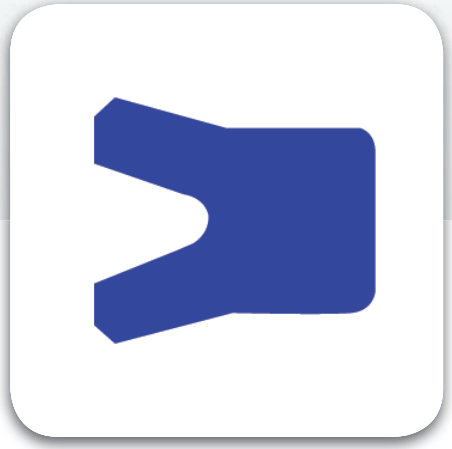
TRIADA

RPS

Rod Seals

#SealingExcellence



Description

The RPS is a single acting Symmetrical U-Cup, the TRIATHANE® (poly-urethane) material used in this U-Cup provides high wear resistance, the taper behind the lip reduces friction at the dynamic surface.

Diameter Range	Ø3.00 – Ø3500.00
Standard material	TRIATHANE® T479 (Polyurethane)
Temperature(°C)	-30° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. depending on Seal Compounds selected.
Pressure	≤ 400 bar



Material Details

Material	Material Code
TRIATHANE® Polyurethane	T479
TRIAFLEX® NBR 90 Shore A	T591

Nomenclature

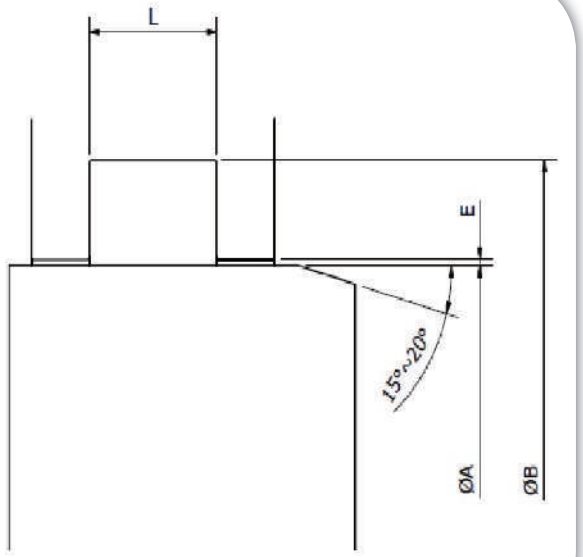
Part No	RPS	0130	0200	070	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

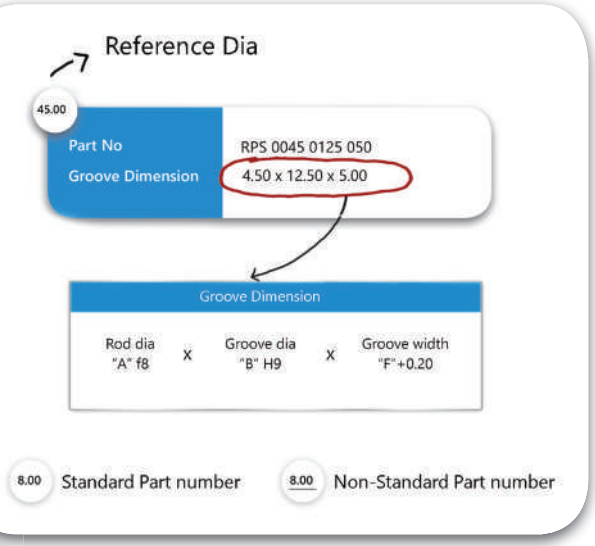


Groove Details

Operating Pressure	Radial Clearance "E" Max	
MPa	ØA < 60mm	ØA > 60mm
5	0.40	0.50
10	0.30	0.40
20	0.20	0.30
30	0.15	0.20
40	0.10	0.15







4.50
Part No RPS 0045 0125 050
Groove Dimension 4.50 x 12.50 x 5.00

5.00
Part No RPS 0050 0120 065
Groove Dimension 5.00 x 12.00 x 6.50

5.00
Part No RPS 0050 0130 045
Groove Dimension 5.00 x 13.00 x 4.50

6.00
Part No RPS 0060 0120 060
Groove Dimension 6.00 x 12.00 x 6.00

3.00
Part No RPS 0030 0090 050
Groove Dimension 3.00 x 9.00 x 5.00

4.00
Part No RPS 0040 0100 045
Groove Dimension 4.00 x 10.00 x 4.50

4.00
Part No RPS 0040 0120 045
Groove Dimension 4.00 x 12.00 x 4.50

5.00
Part No RPS 0050 0120 070
Groove Dimension 5.00 x 12.00 x 7.00

5.00
Part No RPS 0050 0120 050
Groove Dimension 5.00 x 12.00 x 5.00

6.00
Part No RPS 0060 0120 065
Groove Dimension 6.00 x 12.00 x 6.50

6.00
Part No RPS 0060 0120 065
Groove Dimension 6.00 x 12.00 x 6.50

4.00
Part No RPS 0040 0090 045
Groove Dimension 4.00 x 9.00 x 4.50

4.00
Part No RPS 0040 0100 050
Groove Dimension 4.00 x 10.00 x 5.00

4.50
Part No RPS 0045 0110 055
Groove Dimension 4.50 x 11.00 x 5.50

5.00
Part No RPS 0050 0120 055
Groove Dimension 5.00 x 12.00 x 5.50

5.00
Part No RPS 0050 0127 090
Groove Dimension 5.00 x 12.70 x 9.00

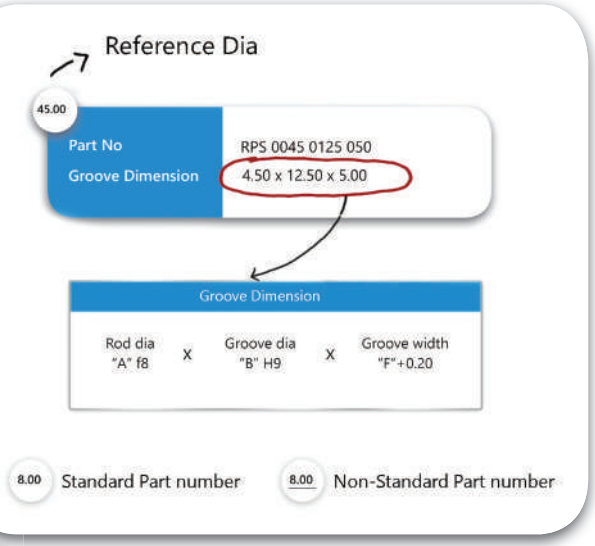
6.00
Part No RPS 0060 0120 090
Groove Dimension 6.00 x 12.00 x 9.00

6.00
Part No RPS 0060 0127 065
Groove Dimension 6.00 x 12.70 x 6.50

6.00	Part No	RPS 0060 0150 090
	Groove Dimension	6.00 x 15.00 x 9.00
7.00	Part No	RPS 0070 0140 042
	Groove Dimension	7.00 x 14.00 x 4.20
8.00	Part No	RPS 0080 0120 035
	Groove Dimension	8.00 x 12.00 x 3.50
8.00	Part No	RPS 0080 0150 063
	Groove Dimension	8.00 x 15.00 x 6.30
8.00	Part No	RPS 0080 0160 063
	Groove Dimension	8.00 x 16.00 x 6.30
8.00	Part No	RPS 0080 0180 080
	Groove Dimension	8.00 x 18.00 x 8.00
9.00	Part No	RPS 0090 0135 050
	Groove Dimension	9.00 x 13.50 x 5.00

6.00	Part No	RPS 0060 0160 055
	Groove Dimension	6.00 x 16.00 x 5.50
7.00	Part No	RPS 0070 0150 045
	Groove Dimension	7.00 x 15.00 x 4.50
8.00	Part No	RPS 0080 0120 060
	Groove Dimension	8.00 x 12.00 x 6.00
8.00	Part No	RPS 0080 0150 090
	Groove Dimension	8.00 x 15.00 x 9.00
8.00	Part No	RPS 0080 0160 080
	Groove Dimension	8.00 x 16.00 x 8.00
8.00	Part No	RPS 0080 0200 070
	Groove Dimension	8.00 x 20.00 x 7.00
9.00	Part No	RPS 0090 0150 090
	Groove Dimension	9.00 x 15.00 x 9.00

6.30	Part No	RPS 0063 0127 045
	Groove Dimension	6.30 x 12.70 x 4.50
7.00	Part No	RPS 0070 0150 080
	Groove Dimension	7.00 x 15.00 x 8.00
8.00	Part No	RPS 0080 0140 070
	Groove Dimension	8.00 x 14.00 x 7.00
8.00	Part No	RPS 0080 0160 045
	Groove Dimension	8.00 x 16.00 x 4.50
8.00	Part No	RPS 0080 0180 055
	Groove Dimension	8.00 x 18.00 x 5.50
8.00	Part No	RPS 0080 0220 090
	Groove Dimension	8.00 x 22.00 x 9.00
9.00	Part No	RPS 0090 0190 070
	Groove Dimension	9.00 x 19.00 x 7.00

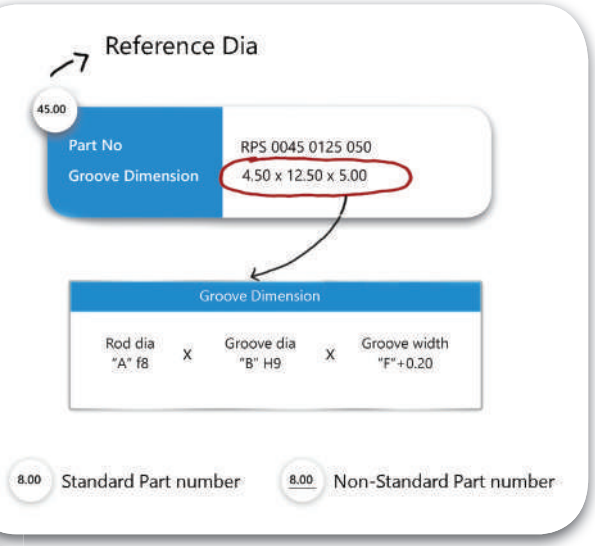


10.00	Part No	RPS 0100 0200 055
	Groove Dimension	10.00 x 20.00 x 5.50
10.00	Part No	RPS 0100 0250 080
	Groove Dimension	10.00 x 25.00 x 8.00
12.00	Part No	RPS 0120 0180 055
	Groove Dimension	12.00 x 18.00 x 5.50
12.00	Part No	RPS 0120 0200 090
	Groove Dimension	12.00 x 20.00 x 9.00
9.00	Part No	RPS 0090 0220 090
	Groove Dimension	9.00 x 22.00 x 9.00
10.00	Part No	RPS 0100 0160 045
	Groove Dimension	10.00 x 16.00 x 4.50
10.00	Part No	RPS 0100 0180 045
	Groove Dimension	10.00 x 18.00 x 4.50
10.00	Part No	RPS 0100 0200 080
	Groove Dimension	10.00 x 20.00 x 8.00
11.00	Part No	RPS 0110 0170 050
	Groove Dimension	11.00 x 17.00 x 5.00
12.00	Part No	RPS 0120 0180 070
	Groove Dimension	12.00 x 18.00 x 7.00
12.00	Part No	RPS 0120 0200 045
	Groove Dimension	12.00 x 20.00 x 4.50
10.00	Part No	RPS 0100 0160 065
	Groove Dimension	10.00 x 16.00 x 6.50
10.00	Part No	RPS 0100 0180 070
	Groove Dimension	10.00 x 18.00 x 7.00
10.00	Part No	RPS 0100 0180 090
	Groove Dimension	10.00 x 18.00 x 9.00
10.00	Part No	RPS 0100 0220 070
	Groove Dimension	10.00 x 22.00 x 7.00
110.00	Part No	RPS 0110 0205 070
	Groove Dimension	11.00 x 20.50 x 7.00
12.00	Part No	RPS 0120 0190 060
	Groove Dimension	12.00 x 19.00 x 6.00
12.00	Part No	RPS 0120 0200 080
	Groove Dimension	12.00 x 20.00 x 8.00

12.00	
Part No	RPS 0120 0240 065
Groove Dimension	12.00 x 24.00 x 6.50
12.00	
Part No	RPS 0120 0250 090
Groove Dimension	12.00 x 25.00 x 9.00
13.00	
Part No	RPS 0130 0250 065
Groove Dimension	13.00 x 25.00 x 6.50
14.00	
Part No	RPS 0140 0220 045
Groove Dimension	14.00 x 22.00 x 4.50
14.00	
Part No	RPS 0140 0220 120
Groove Dimension	14.00 x 22.00 x 12.00
14.70	
Part No	RPS 0147 0210 070
Groove Dimension	14.70 x 21.00 x 7.00
15.00	
Part No	RPS 0150 0270 070
Groove Dimension	15.00 x 27.00 x 7.00

12.00	
Part No	RPS 0120 0240 100
Groove Dimension	12.00 x 24.00 x 10.00
13.00	
Part No	RPS 0130 0200 070
Groove Dimension	13.00 x 20.00 x 7.00
13.00	
Part No	RPS 0130 0250 100
Groove Dimension	13.00 x 25.00 x 10.00
14.00	
Part No	RPS 0140 0220 070
Groove Dimension	14.00 x 22.00 x 7.00
14.00	
Part No	RPS 0140 0240 055
Groove Dimension	14.00 x 24.00 x 5.50
15.00	
Part No	RPS 0150 0230 063
Groove Dimension	15.00 x 23.00 x 6.30
15.00	
Part No	RPS 0150 0270 100
Groove Dimension	15.00 x 27.00 x 10.00

12.00	
Part No	RPS 0120 0250 110
Groove Dimension	12.00 x 25.00 x 11.00
13.00	
Part No	RPS 0130 0210 065
Groove Dimension	13.00 x 21.00 x 6.50
14.00	
Part No	RPS 0140 0200 053
Groove Dimension	14.00 x 20.00 x 5.30
14.00	
Part No	RPS 0140 0220 090
Groove Dimension	14.00 x 22.00 x 9.00
14.30	
Part No	RPS 0143 0206 055
Groove Dimension	14.30 x 20.60 x 5.50
15.00	
Part No	RPS 0150 0250 055
Groove Dimension	15.00 x 25.00 x 5.50
15.00	
Part No	RPS 0150 0300 080
Groove Dimension	15.00 x 30.00 x 8.00

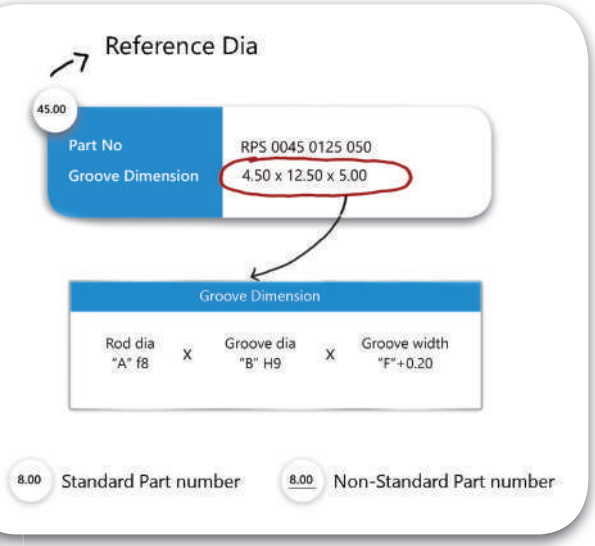


16.00	Part No	RPS 0160 0240 060
	Groove Dimension	16.00 x 24.00 x 6.00
16.00	Part No	RPS 0160 0260 110
	Groove Dimension	16.00 x 26.00 x 11.00
17.00	Part No	RPS 0170 0250 065
	Groove Dimension	17.00 x 25.00 x 6.50
18.00	Part No	RPS 0180 0250 055
	Groove Dimension	18.00 x 25.00 x 5.50
15.00	Part No	RPS 0150 0350 110
	Groove Dimension	15.00 x 35.00 x 11.00
16.00	Part No	RPS 0160 0220 045
	Groove Dimension	16.00 x 22.00 x 4.50
16.00	Part No	RPS 0160 0240 100
	Groove Dimension	16.00 x 24.00 x 10.00
16.00	Part No	RPS 0160 0240 090
	Groove Dimension	16.00 x 24.00 x 9.00
16.00	Part No	RPS 0160 0320 090
	Groove Dimension	16.00 x 32.00 x 9.00
17.00	Part No	RPS 0170 0270 075
	Groove Dimension	17.00 x 27.00 x 7.50
18.00	Part No	RPS 0180 0250 070
	Groove Dimension	18.00 x 25.00 x 7.00
15.90	Part No	RPS 0159 0254 070
	Groove Dimension	15.90 x 25.40 x 7.00
16.00	Part No	RPS 0160 0220 055
	Groove Dimension	16.00 x 22.00 x 5.50
16.00	Part No	RPS 0160 0240 045
	Groove Dimension	16.00 x 24.00 x 4.50
16.00	Part No	RPS 0160 0250 090
	Groove Dimension	16.00 x 25.00 x 9.00
17.00	Part No	RPS 0170 0250 045
	Groove Dimension	17.00 x 25.00 x 4.50
17.00	Part No	RPS 0170 0270 075
	Groove Dimension	17.00 x 27.00 x 7.50
18.00	Part No	RPS 0180 0260 075
	Groove Dimension	18.00 x 26.00 x 7.50

18.00	Part No	RPS 0180 0260 045
	Groove Dimension	18.00 x 26.00 x 4.50
18.00	Part No	RPS 0180 0280 063
	Groove Dimension	18.00 x 28.00 x 6.30
18.00	Part No	RPS 0180 0380 110
	Groove Dimension	18.00 x 38.00 x 11.00
20.00	Part No	RPS 0200 0260 060
	Groove Dimension	20.00 x 26.00 x 6.00
20.00	Part No	RPS 0200 0280 090
	Groove Dimension	20.00 x 28.00 x 9.00
20.00	Part No	RPS 0200 0300 090
	Groove Dimension	20.00 x 30.00 x 9.00
20.00	Part No	RPS 0200 0320 065
	Groove Dimension	20.00 x 32.00 x 6.50

18.00	Part No	RPS 0180 0260 090
	Groove Dimension	18.00 x 26.00 x 9.00
18.00	Part No	RPS 0180 0300 065
	Groove Dimension	18.00 x 30.00 x 6.50
19.00	Part No	RPS 0190 0250 070
	Groove Dimension	19.00 x 25.00 x 7.00
20.00	Part No	RPS 0200 0260 038
	Groove Dimension	20.00 x 26.00 x 3.80
20.00	Part No	RPS 0200 0280 080
	Groove Dimension	20.00 x 28.00 x 8.00
20.00	Part No	RPS 0200 0300 080
	Groove Dimension	20.00 x 30.00 x 8.00
20.00	Part No	RPS 0200 0350 130
	Groove Dimension	20.00 x 35.00 x 13.00

18.00	Part No	RPS 0180 0280 055
	Groove Dimension	18.00 x 28.00 x 5.50
18.00	Part No	RPS 0180 0300 090
	Groove Dimension	18.00 x 30.00 x 9.00
19.00	Part No	RPS 0190 0250 035
	Groove Dimension	19.00 x 25.00 x 3.50
20.00	Part No	RPS 0200 0280 050
	Groove Dimension	20.00 x 28.00 x 5.00
20.00	Part No	RPS 0200 0300 055
	Groove Dimension	20.00 x 30.00 x 5.50
20.00	Part No	RPS 0200 0320 100
	Groove Dimension	20.00 x 32.00 x 10.00
20.00	Part No	RPS 0200 0350 100
	Groove Dimension	20.00 x 35.00 x 10.00

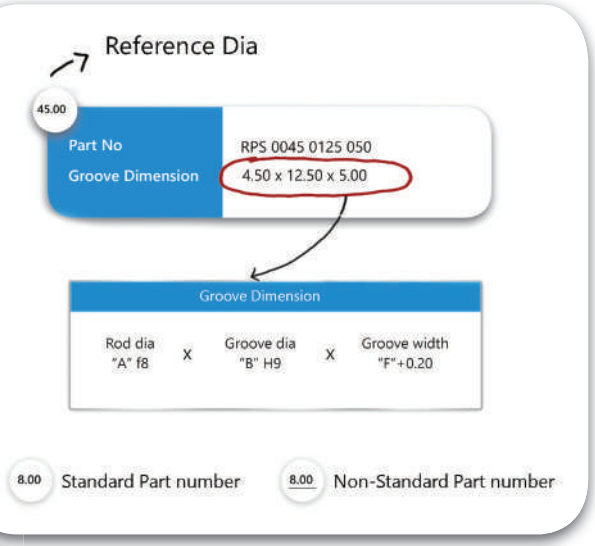


22.00	Part No	RPS 0220 0300 045
	Groove Dimension	22.00 x 30.00 x 4.50
22.00	Part No	RPS 0220 0320 055
	Groove Dimension	22.00 x 32.00 x 5.50
20.00	Part No	RPS 0200 0360 110
	Groove Dimension	20.00 x 36.00 x 11.00
23.00	Part No	RPS 0230 0330 080
	Groove Dimension	23.00 x 33.00 x 8.00
20.00	Part No	RPS 0200 0390 110
	Groove Dimension	20.00 x 39.00 x 11.00
20.00	Part No	RPS 0200 0400 130
	Groove Dimension	20.00 x 40.00 x 13.00
22.00	Part No	RPS 0220 0280 050
	Groove Dimension	22.00 x 28.00 x 5.00
22.00	Part No	RPS 0220 0300 070
	Groove Dimension	22.00 x 30.00 x 7.00
22.00	Part No	RPS 0220 0340 065
	Groove Dimension	22.00 x 34.00 x 6.50
22.50	Part No	RPS 0225 0300 055
	Groove Dimension	22.50 x 30.00 x 5.50
23.00	Part No	RPS 0230 0350 065
	Groove Dimension	23.00 x 35.00 x 6.50
20.00	Part No	RPS 0200 0400 120
	Groove Dimension	20.00 x 40.00 x 12.00
22.00	Part No	RPS 0220 0280 090
	Groove Dimension	22.00 x 28.00 x 9.00
22.00	Part No	RPS 0220 0300 075
	Groove Dimension	22.00 x 30.00 x 7.50
22.00	Part No	RPS 0220 0300 110
	Groove Dimension	22.00 x 30.00 x 11.00
22.00	Part No	RPS 0220 0350 060
	Groove Dimension	22.00 x 35.00 x 6.00
23.00	Part No	RPS 0230 0300 075
	Groove Dimension	23.00 x 30.00 x 7.50
24.00	Part No	RPS 0240 0320 075
	Groove Dimension	24.00 x 32.00 x 7.50

24.00	Part No	RPS 0240 0320 045
	Groove Dimension	24.00 x 32.00 x 4.50
24.00	Part No	RPS 0240 0340 055
	Groove Dimension	24.00 x 34.00 x 5.50
24.00	Part No	RPS 0240 0400 090
	Groove Dimension	24.00 x 40.00 x 9.00
25.00	Part No	RPS 0250 0330 055
	Groove Dimension	25.00 x 33.00 x 5.50
25.00	Part No	RPS 0250 0370 100
	Groove Dimension	25.00 x 37.00 x 10.00
25.00	Part No	RPS 0250 0450 110
	Groove Dimension	25.00 x 45.00 x 11.00
26.00	Part No	RPS 0260 0380 065
	Groove Dimension	26.00 x 38.00 x 6.50

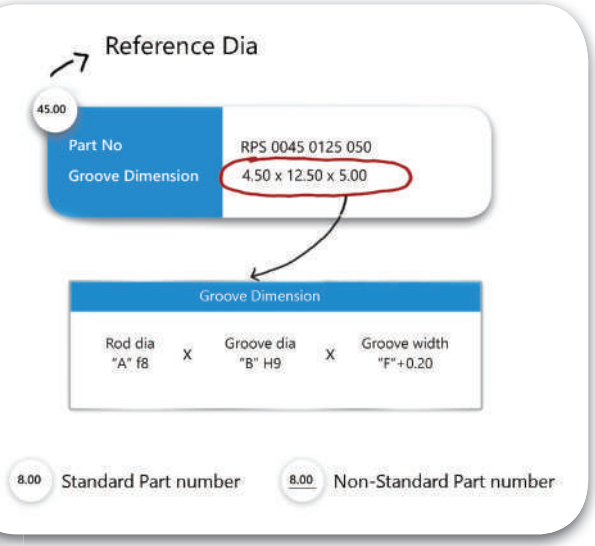
24.00	Part No	RPS 0240 0320 065
	Groove Dimension	24.00 x 32.00 x 6.50
24.00	Part No	RPS 0240 0360 065
	Groove Dimension	24.00 x 36.00 x 6.50
25.00	Part No	RPS 0250 0330 075
	Groove Dimension	25.00 x 33.00 x 7.50
25.00	Part No	RPS 0250 0350 080
	Groove Dimension	25.00 x 35.00 x 8.00
25.00	Part No	RPS 0250 0381 070
	Groove Dimension	25.00 x 38.10 x 7.00
26.00	Part No	RPS 0260 0340 045
	Groove Dimension	26.00 x 34.00 x 4.50
27.00	Part No	RPS 0270 0350 065
	Groove Dimension	27.00 x 35.00 x 6.50

24.00	Part No	RPS 0240 0320 080
	Groove Dimension	24.00 x 32.00 x 8.00
24.00	Part No	RPS 0240 0360 100
	Groove Dimension	24.00 x 36.00 x 10.00
25.00	Part No	RPS 0250 0330 045
	Groove Dimension	25.00 x 33.00 x 4.50
25.00	Part No	RPS 0250 0370 065
	Groove Dimension	25.00 x 37.00 x 6.50
25.00	Part No	RPS 0250 0400 080
	Groove Dimension	25.00 x 40.00 x 8.00
26.00	Part No	RPS 0260 0360 080
	Groove Dimension	26.00 x 36.00 x 8.00
28.00	Part No	RPS 0280 0350 055
	Groove Dimension	28.00 x 35.00 x 5.50



30.00	Part No	RPS 0300 0380 080
	Groove Dimension	30.00 x 38.00 x 8.00
30.00	Part No	RPS 0300 0400 110
	Groove Dimension	30.00 x 40.00 x 11.00
30.00	Part No	RPS 0300 0420 065
	Groove Dimension	30.00 x 42.00 x 6.50
32.00	Part No	RPS 0320 0420 055
	Groove Dimension	32.00 x 42.00 x 5.50
28.00	Part No	RPS 0280 0360 075
	Groove Dimension	28.00 x 36.00 x 7.50
28.60	Part No	RPS 0286 0413 090
	Groove Dimension	28.60 x 41.30 x 9.00
30.00	Part No	RPS 0300 0360 045
	Groove Dimension	30.00 x 36.00 x 4.50
30.00	Part No	RPS 0300 0380 045
	Groove Dimension	30.00 x 38.00 x 4.50
30.00	Part No	RPS 0300 0400 080
	Groove Dimension	30.00 x 40.00 x 8.00
30.00	Part No	RPS 0300 0450 100
	Groove Dimension	30.00 x 45.00 x 10.00
32.00	Part No	RPS 0320 0420 080
	Groove Dimension	32.00 x 42.00 x 8.00
28.00	Part No	RPS 0280 0400 065
	Groove Dimension	28.00 x 40.00 x 6.50
29.00	Part No	RPS 0290 0370 045
	Groove Dimension	29.00 x 37.00 x 4.50
30.00	Part No	RPS 0300 0370 070
	Groove Dimension	30.00 x 37.00 x 7.00
30.00	Part No	RPS 0300 0380 065
	Groove Dimension	30.00 x 38.00 x 6.50
30.00	Part No	RPS 0300 0400 090
	Groove Dimension	30.00 x 40.00 x 9.00
32.00	Part No	RPS 0320 0400 045
	Groove Dimension	32.00 x 40.00 x 4.50
32.00	Part No	RPS 0320 0440 065
	Groove Dimension	32.00 x 44.00 x 6.50

32.00	Part No	RPS 0320 0440 100
	Groove Dimension	32.00 x 44.00 x 10.00
32.00	Part No	RPS 0320 0480 110
	Groove Dimension	32.00 x 48.00 x 11.00
32.00	Part No	RPS 0320 0500 130
	Groove Dimension	32.00 x 50.00 x 13.00
32.00	Part No	RPS 0320 0500 130
	Groove Dimension	32.00 x 50.00 x 13.00
33.00	Part No	RPS 0330 0430 055
	Groove Dimension	33.00 x 43.00 x 5.50
33.00	Part No	RPS 0330 0450 065
	Groove Dimension	33.00 x 45.00 x 6.50
34.00	Part No	RPS 0340 0420 065
	Groove Dimension	34.00 x 42.00 x 6.50
34.00	Part No	RPS 0340 0440 080
	Groove Dimension	34.00 x 44.00 x 8.00
34.00	Part No	RPS 0340 0500 150
	Groove Dimension	34.00 x 50.00 x 15.00
34.00	Part No	RPS 0340 0500 150
	Groove Dimension	34.00 x 50.00 x 15.00
34.00	Part No	RPS 0340 0740 110
	Groove Dimension	34.00 x 74.00 x 11.00
35.00	Part No	RPS 0350 0430 090
	Groove Dimension	35.00 x 43.00 x 9.00
35.00	Part No	RPS 0350 0450 055
	Groove Dimension	35.00 x 45.00 x 5.50
35.00	Part No	RPS 0350 0470 100
	Groove Dimension	35.00 x 47.00 x 10.00
35.00	Part No	RPS 0350 0500 080
	Groove Dimension	35.00 x 50.00 x 8.00
35.00	Part No	RPS 0350 0550 130
	Groove Dimension	35.00 x 55.00 x 13.00
35.00	Part No	RPS 0350 0600 130
	Groove Dimension	35.00 x 60.00 x 13.00
35.00	Part No	RPS 0350 0450 075
	Groove Dimension	35.00 x 45.00 x 7.50
36.00	Part No	RPS 0360 0460 055
	Groove Dimension	36.00 x 46.00 x 5.50
36.00	Part No	RPS 0360 0480 090
	Groove Dimension	36.00 x 48.00 x 9.00
36.00	Part No	RPS 0360 0480 065
	Groove Dimension	36.00 x 48.00 x 6.50



38.00
Part No RPS 0380 0480 055
Groove Dimension 38.00 x 48.00 x 5.50

38.00
Part No RPS 0380 0500 120
Groove Dimension 38.00 x 50.00 x 12.00

40.00
Part No RPS 0400 0480 065
Groove Dimension 40.00 x 48.00 x 6.50

40.00
Part No RPS 0400 0480 070
Groove Dimension 40.00 x 48.00 x 7.00

36.00
Part No RPS 0360 0510 110
Groove Dimension 36.00 x 51.00 x 11.00

37.00
Part No RPS 0370 0700 110
Groove Dimension 37.00 x 70.00 x 11.0

38.00
Part No RPS 0380 0450 055
Groove Dimension 38.00 x 45.00 x 5.50

38.00
Part No RPS 0380 0500 065
Groove Dimension 38.00 x 50.00 x 6.50

38.00
Part No RPS 0380 0530 090
Groove Dimension 38.00 x 53.00 x 9.00

40.00
Part No RPS 0400 0480 120
Groove Dimension 40.00 x 48.00 x 12.00

40.00
Part No RPS 0400 0500 070
Groove Dimension 40.00 x 50.00 x 7.00

36.00
Part No RPS 0360 0520 130
Groove Dimension 36.00 x 52.00 x 13.00

37.00
Part No RPS 0370 0450 065
Groove Dimension 37.00 x 45.00 x 6.50

38.00
Part No RPS 0380 0460 065
Groove Dimension 38.00 x 46.00 x 6.50

38.00
Part No RPS 0380 0500 100
Groove Dimension 38.00 x 50.00 x 10.00

38.00
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Groove Dimension 38.00 x 58.00 x 11.00

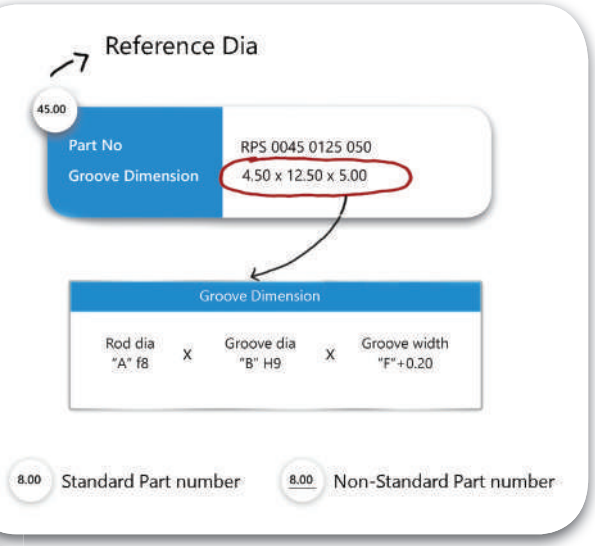
40.00
Part No RPS 0400 0480 090
Groove Dimension 40.00 x 48.00 x 9.00

40.00
Part No RPS 0400 0520 090
Groove Dimension 40.00 x 52.00 x 9.00

40.00	Part No	RPS 0400 0520 065
	Groove Dimension	40.00 x 52.00 x 6.50
40.00	Part No	RPS 0400 0550 080
	Groove Dimension	40.00 x 55.00 x 8.00
40.00	Part No	RPS 0400 0600 130
	Groove Dimension	40.00 x 60.00 x 13.00
40.00	Part No	RPS 0400 0750 110
	Groove Dimension	40.00 x 75.00 x 11.00
42.00	Part No	RPS 0420 0520 055
	Groove Dimension	42.00 x 52.00 x 5.50
43.00	Part No	RPS 0430 0530 080
	Groove Dimension	43.00 x 53.00 x 8.00
44.00	Part No	RPS 0440 0540 080
	Groove Dimension	44.00 x 54.00 x 8.00

40.00	Part No	RPS 0400 0520 110
	Groove Dimension	40.00 x 52.00 x 11.00
40.00	Part No	RPS 0400 0560 110
	Groove Dimension	40.00 x 56.00 x 11.00
40.00	Part No	RPS 0400 0650 130
	Groove Dimension	40.00 x 65.00 x 13.00
40.80	Part No	RPS 0408 0508 077
	Groove Dimension	40.80 x 50.80 x 7.70
42.00	Part No	RPS 0420 0520 100
	Groove Dimension	42.00 x 52.00 x 10.00
44.00	Part No	RPS 0440 0500 095
	Groove Dimension	44.00 x 50.00 x 9.50
44.00	Part No	RPS 0440 0560 065
	Groove Dimension	44.00 x 56.00 x 6.50

40.00	Part No	RPS 0400 0550 110
	Groove Dimension	40.00 x 55.00 x 11.00
40.00	Part No	RPS 0400 0600 190
	Groove Dimension	40.00 x 60.00 x 19.00
40.00	Part No	RPS 0400 0700 160
	Groove Dimension	40.00 x 70.00 x 16.00
41.30	Part No	RPS 0413 0508 060
	Groove Dimension	41.30 x 50.80 x 6.00
42.00	Part No	RPS 0420 0540 065
	Groove Dimension	42.00 x 54.00 x 6.50
44.00	Part No	RPS 0440 0540 055
	Groove Dimension	44.00 x 54.00 x 5.50
45.00	Part No	RPS 0450 0530 110
	Groove Dimension	45.00 x 53.00 x 11.00



45.00	Part No	RPS 0450 0700 130
	Groove Dimension	45.00 x 70.00 x 13.00
46.00	Part No	RPS 0460 0580 065
	Groove Dimension	46.00 x 58.00 x 6.50
48.00	Part No	RPS 0480 0600 100
	Groove Dimension	48.00 x 60.00 x 10.00
50.00	Part No	RPS 0500 0600 120
	Groove Dimension	50.00 x 60.00 x 12.00

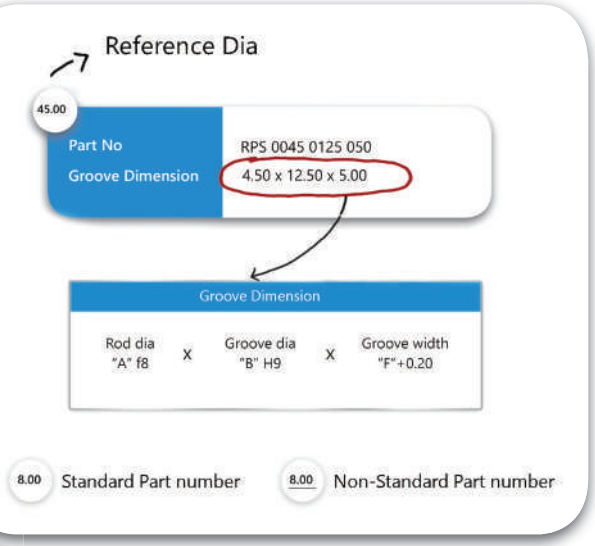
45.00	Part No	RPS 0450 0530 130
	Groove Dimension	45.00 x 53.00 x 13.00
45.00	Part No	RPS 0450 0550 070
	Groove Dimension	45.00 x 55.00 x 7.00
45.00	Part No	RPS 0450 0600 080
	Groove Dimension	45.00 x 60.00 x 8.00
46.00	Part No	RPS 0460 0560 055
	Groove Dimension	46.00 x 56.00 x 5.50
46.30	Part No	RPS 0463 0640 095
	Groove Dimension	46.30 x 64.00 x 9.50
48.00	Part No	RPS 0480 0630 110
	Groove Dimension	48.00 x 63.00 x 11.00
50.00	Part No	RPS 0500 0600 055
	Groove Dimension	50.00 x 60.00 x 5.50

45.00	Part No	RPS 0450 0550 130
	Groove Dimension	45.00 x 55.00 x 13.00
45.00	Part No	RPS 0450 0580 110
	Groove Dimension	45.00 x 58.00 x 11.00
45.00	Part No	RPS 0450 0600 130
	Groove Dimension	45.00 x 60.00 x 13.00
46.00	Part No	RPS 0460 0560 080
	Groove Dimension	46.00 x 56.00 x 8.00
48.00	Part No	RPS 0480 0600 065
	Groove Dimension	48.00 x 60.00 x 6.50
50.00	Part No	RPS 0500 0580 055
	Groove Dimension	50.00 x 58.00 x 5.50
50.00	Part No	RPS 0500 0600 090
	Groove Dimension	50.00 x 60.00 x 9.00

50.00	Part No	RPS 0500 0650 080
	Groove Dimension	50.00 x 65.00 x 8.00
40.00	Part No	RPS 0400 0550 080
	Groove Dimension	40.00 x 55.00 x 8.00
50.00	Part No	RPS 0500 0750 130
	Groove Dimension	50.00 x 75.00 x 13.00
51.00	Part No	RPS 0510 0630 100
	Groove Dimension	51.00 x 63.00 x 10.00
52.00	Part No	RPS 0520 0640 065
	Groove Dimension	52.00 x 64.00 x 6.50
53.00	Part No	RPS 0530 0630 080
	Groove Dimension	53.00 x 63.00 x 8.00
54.00	Part No	RPS 0540 0700 130
	Groove Dimension	54.00 x 70.00 x 13.00

50.00	Part No	RPS 0500 0680 110
	Groove Dimension	50.00 x 68.00 x 11.00
50.00	Part No	RPS 0500 0700 190
	Groove Dimension	50.00 x 70.00 x 19.00
50.00	Part No	RPS 0500 0800 110
	Groove Dimension	50.00 x 80.00 x 11.00
52.00	Part No	RPS 0520 0600 065
	Groove Dimension	52.00 x 60.00 x 6.50
52.00	Part No	RPS 0520 0720 130
	Groove Dimension	52.00 x 72.00 x 13.00
53.00	Part No	RPS 0530 0630 130
	Groove Dimension	53.00 x 63.00 x 13.00
55.00	Part No	RPS 0550 0650 130
	Groove Dimension	55.00 x 65.00 x 13.00

50.00	Part No	RPS 0500 0700 0160
	Groove Dimension	50.00 x 70.00 x 16.00
50.00	Part No	RPS 0500 0720 130
	Groove Dimension	50.00 x 72.00 x 13.00
51.00	Part No	RPS 0510 0630 065
	Groove Dimension	51.00 x 63.00 x 6.50
52.00	Part No	RPS 0520 0620 130
	Groove Dimension	52.00 x 62.00 x 13.00
53.00	Part No	RPS 0530 0630 055
	Groove Dimension	53.00 x 63.00 x 5.50
53.00	Part No	RPS 0530 0650 065
	Groove Dimension	53.00 x 65.00 x 6.50
55.00	Part No	RPS 0550 0650 065
	Groove Dimension	55.00 x 65.00 x 6.50



55.00
Part No RPS 0550 0700 110
Groove Dimension 55.00 x 70.00 x 11.00

55.00
Part No RPS 0550 0700 120
Groove Dimension 55.00 x 70.00 x 12.00

55.00
Part No RPS 0550 0800 130
Groove Dimension 55.00 x 80.00 x 13.00

55.00
Part No RPS 0550 0800 110
Groove Dimension 55.00 x 80.00 x 11.00

55.00
Part No RPS 0550 0850 160
Groove Dimension 55.00 x 85.00 x 16.00

56.00
Part No RPS 0560 0660 110
Groove Dimension 56.00 x 66.00 x 11.00

56.00
Part No RPS 0560 0660 120
Groove Dimension 56.00 x 66.00 x 12.00

57.00
Part No RPS 0570 0730 120
Groove Dimension 57.00 x 73.00 x 12.00

60.00
Part No RPS 0600 0750 080
Groove Dimension 60.00 x 75.00 x 8.00

60.00
Part No RPS 0600 0800 160
Groove Dimension 60.00 x 80.00 x 16.00

60.00
Part No RPS 0600 0800 190
Groove Dimension 60.00 x 80.00 x 19.00

55.00
Part No RPS 0550 0700 080
Groove Dimension 55.00 x 70.00 x 8.00

55.00
Part No RPS 0550 0750 110
Groove Dimension 55.00 x 75.00 x 11.00

55.00
Part No RPS 0550 0800 150
Groove Dimension 55.00 x 80.00 x 15.00

56.00
Part No RPS 0560 0660 080
Groove Dimension 56.00 x 66.00 x 8.00

56.00
Part No RPS 0560 0760 130
Groove Dimension 56.00 x 76.00 x 13.00

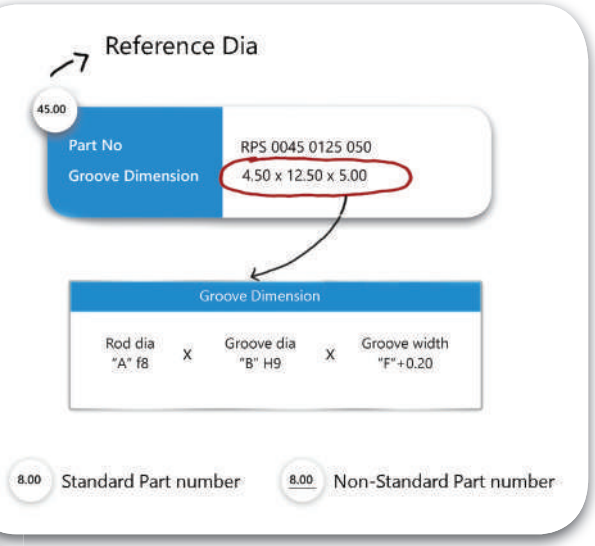
60.00
Part No RPS 0600 0760 130
Groove Dimension 60.00 x 76.00 x 13.00

60.00
Part No RPS 0600 0850 135
Groove Dimension 60.00 x 85.00 x 13.50

60.00	Part No	RPS 0600 0850 110
	Groove Dimension	60.00 x 85.00 x 11.00
63.00	Part No	RPS 0630 0730 055
	Groove Dimension	63.00 x 73.00 x 5.50
63.00	Part No	RPS 0630 0750 130
	Groove Dimension	63.00 x 75.00 x 13.00
63.00	Part No	RPS 0630 0830 160
	Groove Dimension	63.00 x 83.00 x 16.00
65.00	Part No	RPS 0650 0750 055
	Groove Dimension	65.00 x 75.00 x 5.50
65.00	Part No	RPS 0650 0750 080
	Groove Dimension	65.00 x 75.00 x 8.00
65.00	Part No	RPS 0650 0800 120
	Groove Dimension	65.00 x 80.00 x 12.00

60.00	Part No	RPS 0600 0900 160
	Groove Dimension	60.00 x 90.00 x 16.00
63.00	Part No	RPS 0630 0730 080
	Groove Dimension	63.00 x 73.00 x 8.00
63.00	Part No	RPS 0630 0750 100
	Groove Dimension	63.00 x 75.00 x 10.00
63.00	Part No	RPS 0630 0830 130
	Groove Dimension	63.00 x 83.00 x 13.00
65.00	Part No	RPS 0650 0750 110
	Groove Dimension	65.00 x 75.00 x 11.00
65.00	Part No	RPS 0650 0800 130
	Groove Dimension	65.00 x 80.00 x 13.00
65.00	Part No	RPS 0650 0850 110
	Groove Dimension	65.00 x 85.00 x 11.00

62.00	Part No	RPS 0620 0720 120
	Groove Dimension	62.00 x 72.00 x 12.00
63.00	Part No	RPS 0630 0730 110
	Groove Dimension	63.00 x 73.00 x 11.00
63.00	Part No	RPS 0630 0780 110
	Groove Dimension	63.00 x 78.00 x 11.00
64.00	Part No	RPS 0640 0800 130
	Groove Dimension	64.00 x 80.00 x 13.00
65.00	Part No	RPS 0650 0750 100
	Groove Dimension	65.00 x 75.00 x 10.00
65.00	Part No	RPS 0650 0800 080
	Groove Dimension	65.00 x 80.00 x 8.00
65.00	Part No	RPS 0650 0850 160
	Groove Dimension	65.00 x 85.00 x 16.00



70.00
Part No RPS 0700 0850 110
Groove Dimension 70.00 x 85.00 x 11.00

70.00
Part No RPS 0700 0900 160
Groove Dimension 70.00 x 90.00 x 16.00

70.00
Part No RPS 0700 0950 110
Groove Dimension 70.00 x 95.00 x 11.00

74.00
Part No RPS 0740 0900 130
Groove Dimension 74.00 x 90.00 x 13.00

66.00
Part No RPS 0660 0760 090
Groove Dimension 66.00 x 76.00 x 9.00

66.00
Part No RPS 00660 0800 140
Groove Dimension 66.00 x 80.00 x 14.00

70.00
Part No RPS 0700 0800 080
Groove Dimension 70.00 x 80.00 x 8.00

70.00
Part No RPS 0700 0850 130
Groove Dimension 70.00 x 85.00 x 13.00

70.00
Part No RPS 0700 0900 190
Groove Dimension 70.00 x 90.00 x 19.00

70.00
Part No RPS 0700 1000 160
Groove Dimension 70.00 x 100.00 x 16.00

75.00
Part No RPS 0750 0850 055
Groove Dimension 75.00 x 85.00 x 5.50

66.00
Part No RPS 0660 0800 110
Groove Dimension 66.00 x 80.00 x 11.00

67.00
Part No RPS 0670 0770 130
Groove Dimension 67.00 x 77.00 x 13.00

70.00
Part No RPS 0700 0820 100
Groove Dimension 70.00 x 82.00 x 10.00

70.00
Part No RPS 0700 0900 110
Groove Dimension 70.00 x 90.00 x 11.00

70.00
Part No RPS 0700 0950 130
Groove Dimension 70.00 x 95.00 x 13.00

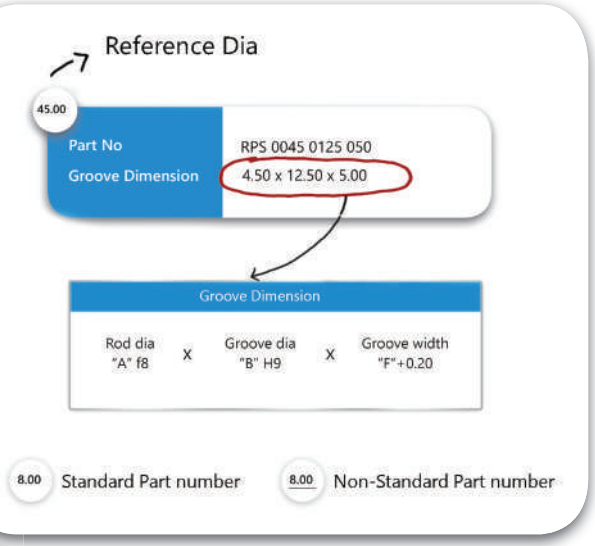
73.00
Part No RPS 0730 0850 100
Groove Dimension 73.00 x 85.00 x 10.00

75.00
Part No RPS 0750 0850 110
Groove Dimension 75.00 x 85.00 x 11.00

75.00	
Part No	RPS 0750 0850 080
Groove Dimension	75.00 x 85.00 x 8.00
75.00	
Part No	RPS 0750 0950 110
Groove Dimension	75.00 x 95.00 x 11.00
76.00	
Part No	RPS 0760 0920 130
Groove Dimension	76.00 x 92.00 x 13.00
80.00	
Part No	RPS 0800 0950 080
Groove Dimension	80.00 x 95.00 x 8.00
80.00	
Part No	RPS 0800 1000 110
Groove Dimension	80.00 x 100.00 x 11.00
80.00	
Part No	RPS 0800 1050 230
Groove Dimension	80.00 x 105.00 x 23.00
83.00	
Part No	RPS 0830 0950 100
Groove Dimension	83.00 x 95.00 x 10.00

75.00	
Part No	RPS 0750 0910 130
Groove Dimension	75.00 x 91.00 x 13.00
75.00	
Part No	RPS 0750 1000 130
Groove Dimension	75.00 x 100.00 x 13.00
78.00	
Part No	RPS 0780 0930 115
Groove Dimension	78.00 x 93.00 x 11.50
80.00	
Part No	RPS 0800 0950 110
Groove Dimension	80.00 x 95.00 x 11.00
80.00	
Part No	RPS 0800 1000 160
Groove Dimension	80.00 x 100.00 x 16.00
80.00	
Part No	RPS 0800 1100 160
Groove Dimension	80.00 x 110.00 x 16.00
85.00	
Part No	RPS 0850 0950 550
Groove Dimension	85.00 x 95.00 x 5.50

75.00	
Part No	RPS 0750 0950 145
Groove Dimension	75.00 x 95.00 x 14.50
75.00	
Part No	RPS 0750 1000 200
Groove Dimension	75.00 x 100.00 x 20.00
80.00	
Part No	RPS 0800 0900 080
Groove Dimension	80.00 x 90.00 x 8.00
80.00	
Part No	RPS 0800 1000 130
Groove Dimension	80.00 x 100.00 x 13.00
80.00	
Part No	RPS 0800 1050 130
Groove Dimension	80.00 x 105.00 x 13.00
82.00	
Part No	RPS 0820 0920 110
Groove Dimension	82.00 x 92.00 x 11.00
85.00	
Part No	RPS 0850 1000 080
Groove Dimension	85.00 x 100.00 x 8.00



88.00
Part No RPS 0880 1000 100
Groove Dimension 88.00 x 100.00 x 10.00

90.00
Part No RPS 0900 1000 055
Groove Dimension 90.00 x 100.00 x 5.50

90.00
Part No RPS 0900 1100 110
Groove Dimension 90.00 x 110.00 x 11.00

90.00
Part No RPS 0900 1150 130
Groove Dimension 90.00 x 115.00 x 13.00

85.00
Part No RPS 0850 1000 120
Groove Dimension 85.00 x 100.00 x 12.00

85.00
Part No RPS 0850 1050 190
Groove Dimension 85.00 x 105.00 x 19.00

85.00
Part No RPS 0850 1150 160
Groove Dimension 85.00 x 115.00 x 16.00

88.90
Part No RPS 0889 1143 150
Groove Dimension 88.90 x 114.30 x 15.00

90.00
Part No RPS 0900 1000 080
Groove Dimension 90.00 x 100.00 x 8.00

90.00
Part No RPS 0900 1100 160
Groove Dimension 90.00 x 110.00 x 16.00

90.00
Part No RPS 0900 1150 160
Groove Dimension 90.00 x 115.00 x 16.00

85.00
Part No RPS 0850 1010 130
Groove Dimension 85.00 x 101.00 x 13.00

85.00
Part No RPS 0850 1100 130
Groove Dimension 85.00 x 110.00 x 13.00

86.00
Part No RPS 0860 1010 130
Groove Dimension 86.00 x 101.00 x 13.00

90.00
Part No RPS 0900 1000 110
Groove Dimension 90.00 x 100.00 x 11.00

90.00
Part No RPS 0900 1050 080
Groove Dimension 90.00 x 105.00 x 8.00

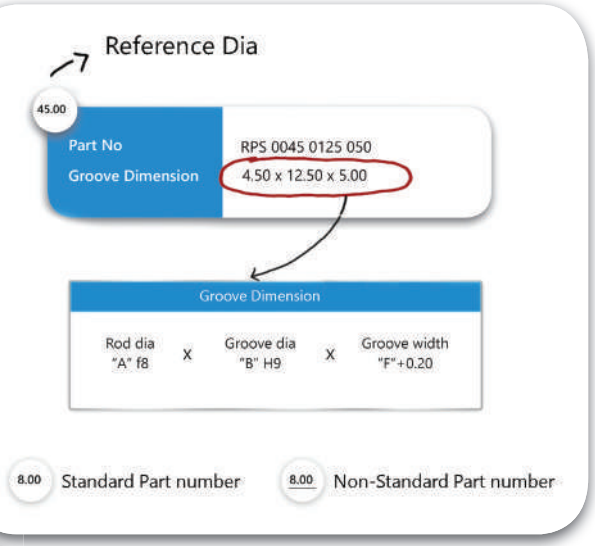
90.00
Part No RPS 0900 1100 190
Groove Dimension 90.00 x 110.00 x 19.00

90.00
Part No RPS 0900 1150 230
Groove Dimension 90.00 x 115.00 x 23.00

90.00	Part No	RPS 0900 1200 160
	Groove Dimension	90.00 x 120.00 x 16.00
95.00	Part No	RPS 0950 1070 100
	Groove Dimension	95.00 x 107.00 x 10.00
95.00	Part No	RPS 0950 1150 160
	Groove Dimension	95.00 x 115.00 x 16.00
99.00	Part No	RPS 0990 1090 150
	Groove Dimension	99.00 x 109.00 x 15.00
100.00	Part No	RPS 1000 1120 100
	Groove Dimension	100.00 x 112.00 x 10.00
100.00	Part No	RPS 1000 1200 160
	Groove Dimension	100.00 x 120.00 x 16.00
100.00	Part No	RPS 1000 1300 130
	Groove Dimension	100.00 x 130.00 x 13.00

94.00	Part No	RPS 0940 1100 130
	Groove Dimension	94.00 x 110.00 x 13.00
95.00	Part No	RPS 0950 1100 160
	Groove Dimension	95.00 x 110.00 x 16.00
95.00	Part No	RPS 0950 1150 190
	Groove Dimension	95.00 x 115.00 x 19.00
99.00	Part No	RPS 0990 1150 130
	Groove Dimension	99.00 x 115.00 x 13.00
100.00	Part No	RPS 1000 1150 160
	Groove Dimension	100.00 x 115.00 x 16.00
100.00	Part No	RPS 1000 1200 190
	Groove Dimension	100.00 x 120.00 x 19.00
100.00	Part No	RPS 1000 1300 160
	Groove Dimension	100.00 x 130.00 x 16.00

95.00	Part No	RPS 0950 1050 055
	Groove Dimension	95.00 x 105.00 x 5.50
95.00	Part No	RPS 0950 1120 120
	Groove Dimension	95.00 x 112.00 x 12.00
95.00	Part No	RPS 0950 1200 200
	Groove Dimension	95.00 x 120.00 x 20.00
100.00	Part No	RPS 1000 1100 055
	Groove Dimension	100.00 x 110.00 x 5.50
100.00	Part No	RPS 1000 1200 110
	Groove Dimension	100.00 x 120.00 x 11.00
100.00	Part No	RPS 1000 1250 200
	Groove Dimension	100.00 x 125.00 x 20.00
102.00	Part No	RPS 1020 1120 120
	Groove Dimension	102.00 x 112.00 x 12.00



110.00	Part No	RPS 1100 1300 130
	Groove Dimension	110.00 x 130.00 x 13.00
110.00	Part No	RPS 1100 1350 160
	Groove Dimension	110.00 x 135.00 x 16.00
112.00	Part No	RPS 1120 1270 120
	Groove Dimension	112.00 x 127.00 x 12.00
115.00	Part No	RPS 1150 1300 080
	Groove Dimension	115.00 x 130.00 x 8.00

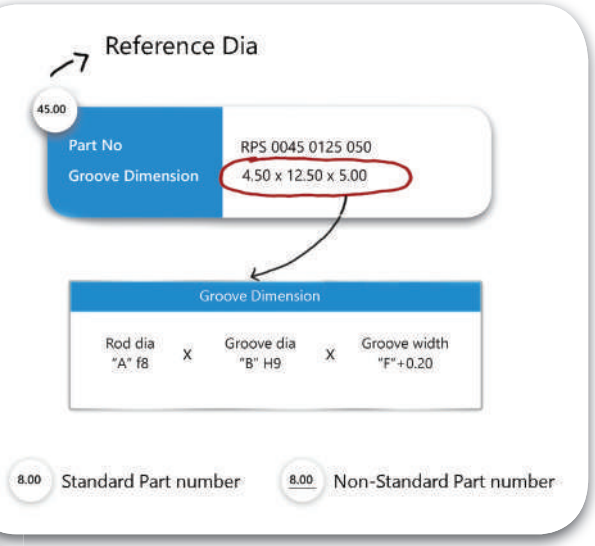
103.00	Part No	RPS 1030 1150 100
	Groove Dimension	103.00 x 115.00 x 10.00
105.00	Part No	RPS 1050 1200 120
	Groove Dimension	105.00 x 120.00 x12.00
105.00	Part No	RPS 1050 1250 110
	Groove Dimension	105.00 x 125.00 x 11.00
110.00	Part No	RPS 1100 1300 110
	Groove Dimension	110.00 x 130.00 x 11.00
110.00	Part No	RPS 1100 1400 160
	Groove Dimension	110.00 x 140.00 x 16.00
113.00	Part No	RPS 1130 1250 105
	Groove Dimension	113.00 x 125.00 x 10.50
115.00	Part No	RPS 1150 1300 160
	Groove Dimension	115.00 x 130.00 x 16.00

105.00	Part No	RPS 1050 1170 100
	Groove Dimension	105.00 x 117.00 x 10.00
105.00	Part No	RPS 1050 1200 090
	Groove Dimension	105.00 x 120.00 x 9.00
105.00	Part No	RPS 1050 1300 130
	Groove Dimension	105.00 x 130.00 x 13.00
110.00	Part No	RPS 1100 1300 190
	Groove Dimension	110.00 x 130.00 x 19.00
111.00	Part No	RPS 1110 1210 065
	Groove Dimension	111.00 x 121.00 x 6.50
115.00	Part No	RPS 1150 1300 080
	Groove Dimension	115.00 x 130.00 x 8.00
115.00	Part No	RPS 1150 1300 110
	Groove Dimension	115.00 x 130.00 x 11.00

115.00	
Part No	RPS 1150 1400 160
Groove Dimension	115.00 x 140.00 x 16.00
120.00	
Part No	RPS 1200 1300 150
Groove Dimension	120.00 x 130.00 x 15.00
120.00	
Part No	RPS 1200 1400 110
Groove Dimension	120.00 x 140.00 x 11.00
125.00	
Part No	RPS 01250 1370 100
Groove Dimension	125.00 x 137.00 x 10.00
125.00	
Part No	RPS 1250 1550 160
Groove Dimension	125.00 x 155.00 x 16.00
130.00	
Part No	RPS 1300 1550 200
Groove Dimension	130.00 x 155.00 x 20.00
135.00	
Part No	RPS 1350 1500 160
Groove Dimension	135.00 x 150.00 x 16.00

115.00	
Part No	RPS 1150 1400 230
Groove Dimension	115.00 x 140.00 x 23.00
120.00	
Part No	RPS 1200 1350 160
Groove Dimension	120.00 x 135.00 x 16.00
120.00	
Part No	RPS 1200 1450 200
Groove Dimension	120.00 x 145.00 x 20.00
125.00	
Part No	RPS 1250 1450 190
Groove Dimension	125.00 x 145.00 x 19.00
130.00	
Part No	RPS 1300 1450 120
Groove Dimension	130.00 x 145.00 x 12.00
130.00	
Part No	RPS 1300 1600 230
Groove Dimension	130.00 x 160.00 x 23.00
135.00	
Part No	RPS 1350 1550 160
Groove Dimension	135.00 x 155.00 x 16.00

118.00	
Part No	RPS 1180 1300 110
Groove Dimension	118.00 x 130.00 x 11.00
120.00	
Part No	RPS 1200 1400 130
Groove Dimension	120.00 x 140.00 x 13.00
123.00	
Part No	RPS 1230 1350 100
Groove Dimension	123.00 x 135.00 x 10.00
125.00	
Part No	RPS 1250 1450 130
Groove Dimension	125.00 x 145.00 x 13.00
130.00	
Part No	RPS 1300 1450 160
Groove Dimension	130.00 x 145.00 x 16.00
133.00	
Part No	RPS 1330 1450 100
Groove Dimension	133.00 x 145.00 x 10.00
135.00	
Part No	RPS 1350 1600 130
Groove Dimension	135.00 x 160.00 x 13.00



145.00
Part No RPS 1450 1700 200
Groove Dimension 145.00 x 170.00 x 20.00

150.00
Part No RPS 1500 1700 190
Groove Dimension 150.00 x 170.00 x 19.00

160.00
Part No RPS 1600 1750 120
Groove Dimension 160.00 x 175.00 x 12.00

170.00
Part No RPS 1700 1850 160
Groove Dimension 170.00 x 185.00 x 16.00

135.00
Part No RPS 1350 1600 160
Groove Dimension 135.00 x 160.00 x 16.00

140.00
Part No RPS 1400 1600 110
Groove Dimension 140.00 x 160.00 x 11.00

140.00
Part No RPS 1400 1650 130
Groove Dimension 140.00 x 165.00 x 13.00

150.00
Part No RPS 1500 1650 120
Groove Dimension 150.00 x 165.00 x 12.00

155.00
Part No RPS 1550 1700 120
Groove Dimension 155.00 x 170.00 x 12.00

165.00
Part No RPS 1650 1800 120
Groove Dimension 165.00 x 180.00 x 12.00

170.00
Part No RPS 1700 2000 160
Groove Dimension 170.00 x 200.00 x 16.00

138.00
Part No RPS 1380 1500 100
Groove Dimension 138.00 x 150.00 x 10.00

140.00
Part No RPS 1400 1600 130
Groove Dimension 140.00 x 160.00 x 13.00

140.00
Part No RPS 1400 1650 160
Groove Dimension 140.00 x 165.00 x 16.00

150.00
Part No RPS 1500 1700 100
Groove Dimension 150.00 x 170.00 x 10.00

158.00
Part No RPS 1580 1700 100
Groove Dimension 158.00 x 170.00 x 10.00

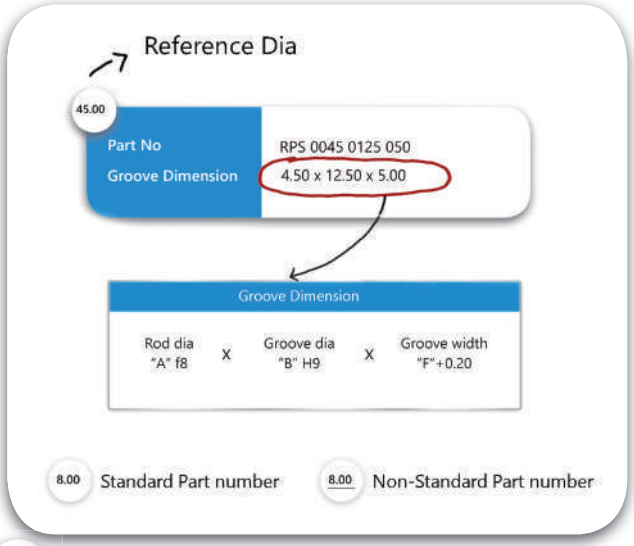
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Groove Dimension 165.00 x 185.00 x 16.00

170.00
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Groove Dimension 170.00 x 200.00 x 19.00

180.00	Part No	RPS 1800 1950 120
	Groove Dimension	180.00 x 195.00 x 12.00
185.00	Part No	RPS 1850 2100 130
	Groove Dimension	185.00 x 210.00 x 13.00
200.00	Part No	RPS 2000 2200 160
	Groove Dimension	200.00 x 220.00 x 16.00
220.00	Part No	RPS 2200 2500 160
	Groove Dimension	220.00 x 250.00 x 16.00
230.00	Part No	RPS 2300 2500 160
	Groove Dimension	230.00 x 250.00 x 16.00
270.00	Part No	RPS 2700 2900 160
	Groove Dimension	270.00 x 290.00 x 16.00
270.00	Part No	RPS 2700 3000 160
	Groove Dimension	270.00 x 300.00 x 16.00

180.00	Part No	RPS 1800 2000 130
	Groove Dimension	180.00 x 200.00 x 13.00
188.00	Part No	RPS 1880 2000 100
	Groove Dimension	188.00 x 200.00 x 10.00
210.00	Part No	RPS 2100 2400 180
	Groove Dimension	210.00 x 240.00 x 18.00
225.00	Part No	RPS 2250 2450 160
	Groove Dimension	225.00 x 245.00 x 16.00
240.00	Part No	RPS 2400 2700 230
	Groove Dimension	240.00 x 270.00 x 23.00
250.00	Part No	RPS 2500 2800 190
	Groove Dimension	250.00 x 280.00 x 19.00
280.00	Part No	RPS 2800 3000 160
	Groove Dimension	280.00 x 300.00 x 16.00

180.00	Part No	RPS 1800 2200 210
	Groove Dimension	180.00 x 220.00 x 21.00
190.00	Part No	RPS 1900 2200 230
	Groove Dimension	190.00 x 220.00 x 23.00
220.00	Part No	RPS 2200 2500 220
	Groove Dimension	220.00 x 250.00 x 22.00
230.00	Part No	RPS 2300 2450 120
	Groove Dimension	230.00 x 245.00 x 12.00
250.00	Part No	RPS 2500 2700 160
	Groove Dimension	250.00 x 270.00 x 16.00
270.00	Part No	RPS 2700 2900 180
	Groove Dimension	270.00 x 290.00 x 18.00
290.00	Part No	RPS 2900 3200 190
	Groove Dimension	290.00 x 320.00 x 19.00



360.00

Part No	RPS 3600 3900 230
Groove Dimension	360.00 x 390.00 x 23.00

300.00

Part No	RPS 3000 3200 160
Groove Dimension	300.00 x 320.00 x 16.00

320.00

Part No	RPS 3200 3600 220
Groove Dimension	320.00 x 360.00 x 22.00

350.00

Part No	RPS 3500 3700 160
Groove Dimension	350.00 x 370.00 x 16.00

320.00

Part No	RPS 3200 3400 160
Groove Dimension	320.00 x 340.00 x 16.00

340.00

Part No	RPS 3400 3600 160
Groove Dimension	340.00 x 360.00 x 16.00

360.00

Part No	RPS 3600 3800 160
Groove Dimension	360.00 x 380.00 x 16.00

TRIADA

RBF

Rod Seals

#SealingExcellence






Description

Mostly used as a Buffer Seal and can take pressure surges, thanks to the Anti-Extrusion Ring. Widely preferred in Heavy Duty Cylinders as a Primary Seal, followed by a U-Cup.



Diameter Range	Ø40.00 – Ø180.00
Standard material	TRIATHANE® T479(Polyurethane) Sealing Element with a TRIAMIDE® T485(POM) Anti-Extrusion Ring
Temperature(°C)	-30° C to 100°
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based) depending on Seal Compounds selected
Pressure	< 400 bar

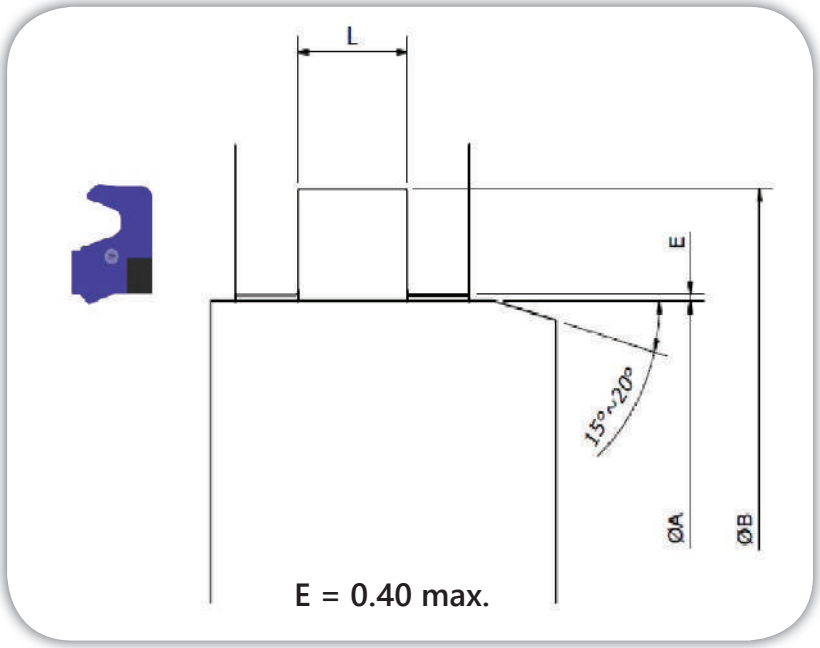
Material Details

Material	Material Code	Back-Up Ring Material
TRIATHANE® Polyurethane	T479	TRIAMIDE® T485 POM

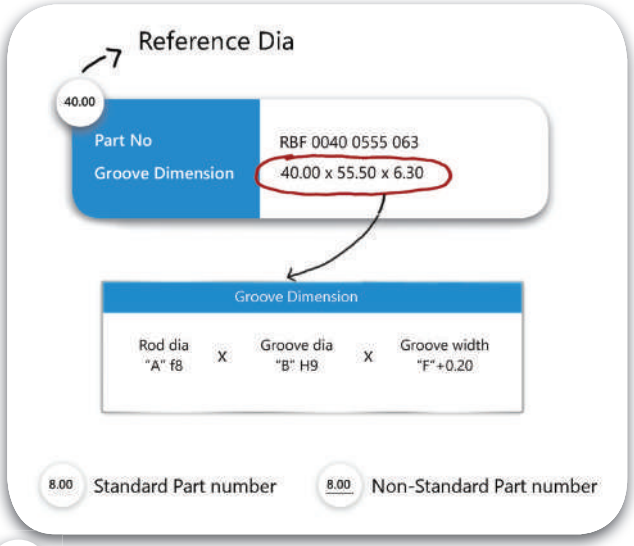
Nomenclature

Part No	RBF	1300	1455	063	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code





E = 0.40 max.



40.00	Part No	RBF 0040 0555 063
	Groove Dimension	40.00 x 55.50 x 6.30
45.00	Part No	RBF 0450 0605 063
	Groove Dimension	45.00 x 60.50 x 6.30
50.00	Part No	RBF 0500 0655 063
	Groove Dimension	50.00 x 65.50 x 6.30
55.00	Part No	RBF 0550 0705 063
	Groove Dimension	55.00 x 70.50 x 6.30
60.00	Part No	RBF 0600 0755 063
	Groove Dimension	60.00 x 75.50 x 6.30
63.00	Part No	RBF 0630 0785 063
	Groove Dimension	63.00 x 78.5 x 6.30
65.00	Part No	RBF 0650 0805 063
	Groove Dimension	65.00 x 80.50 x 6.30
70.00	Part No	RBF 0700 0855 063
	Groove Dimension	70.00 x 85.50 x6.30
75.00	Part No	RBF 0750 0905 063
	Groove Dimension	75.00 x 90.5 x6.30
80.00	Part No	RBF 0800 0955 063
	Groove Dimension	80.00 x 95.50 x 6.30
85.00	Part No	RBF 0850 1005 063
	Groove Dimension	85.00 x 100.50 x 6.30
90.00	Part No	RBF 0900 1055 063
	Groove Dimension	90.00 x 105.50 x 6.30
95.00	Part No	RBF 0950 1105 063
	Groove Dimension	95.00 x 110.50 x 6.30
100.00	Part No	RBF 1000 1155 063
	Groove Dimension	100.00 x 115.50 x 6.30
105.00	Part No	RBF 1050 1205 063
	Groove Dimension	105.00 x 120.50 x 6.30
110.00	Part No	RBF 1100 1255 063
	Groove Dimension	110.00 x 125.50 x 6.30
115.00	Part No	RBF 1150 1305 063
	Groove Dimension	115.00 x 130.50 x6.30
120.00	Part No	RBF 1200 1355 063
	Groove Dimension	120.00 x 135.50 x 6.30

125.00

Part No	RBF 1250 1405 063
Groove Dimension	125.00 x 140.5 x 6.30

130.00

Part No	RBF 1300 1455 063
Groove Dimension	130.00 x 145.50 x 6.30

135.00

Part No	RBF 1350 1505 063
Groove Dimension	135.00 x 150.50 x 6.30

140.00

Part No	RBF 1400 1555 063
Groove Dimension	140.00 x 155.50 x 6.30

150.00

Part No	RBF 1500 1655 063
Groove Dimension	150.00 x 165.50 x 6.30

155.00

Part No	RBF 1550 1705 063
Groove Dimension	155.00 x 170.50 x 6.30

160.00

Part No	RBF 1600 1755 063
Groove Dimension	160.00 x 175.50 x 6.30

170.00

Part No	RBF 1700 1855 063
Groove Dimension	170.00 x 185.50 x 6.30

180.00

Part No	RBF 1800 1955 063
Groove Dimension	180.00 x 195.50 x 6.30

TRIADA

RSS

Rod Seals

#SealingExcellence






Description

The TRITILT® is composed of two elements. The dynamic seal is a ring in TRIALON® (filled PTFE) while the static seal is an O-Ring TRIAFLEX® (NBR), also acting as an energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.



Diameter Range	Ø8.00 – Ø2700.00 (Larger diameters on request)
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR 70 Shores) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. depending on Seal Compound selected.
Pressure	≤ 800 bar

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

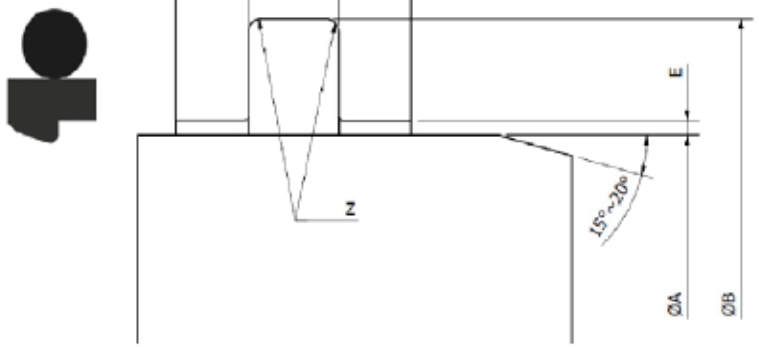
Nomenclature Details

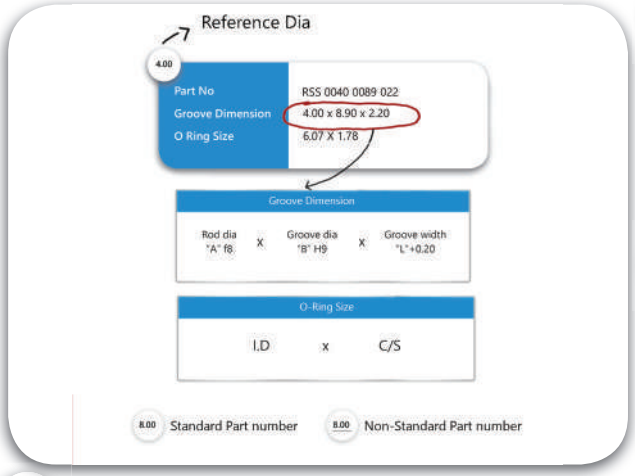
Part No	RSS	0160	0233	032	T415	N
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Rod Diameter "A" f8			Radial Clearence "E" max		Radius "Z"	O-Ring Cross Section
Heavy duty Seals	Standard Series	Light Duty Series	0-200 bar	200-400 bar		
–	8-14.9	15-39.9	0.30-0.20	0.20-0.15	0.3-0.5	1.78
–	15 – 39.9	40 – 79.9	0.40 - 0.25	0.25 - 0.15	0.5 - 0.8	2.62
15 – 39.9	40 – 79.9	80 – 132.9	0.40 - 0.25	0.25 - 0.15	0.8 - 1.2	3.53
40 – 79.9	80 – 132.9	133 – 329.9	0.50 - 0.30	0.30 - 0.20	1.2 - 1.5	5.33
80 – 132.9	133 – 329.9	330 – 669.9	0.50 - 0.30	0.30 - 0.20	1.5 - 2.0	7.00
133 – 329.9	330 – 669.9	670 – 999.9	0.60 - 0.35	0.35 - 0.25	1.5 - 2.0	7.00
330 – 669.9	670 – 999.9	–	0.70 - 0.40	0.40 - 0.30	2.0 - 3.0	8.40





4.00

Part No	RSS 0040 0089 022
Groove Dimension	4.00 x 8.90 x 2.20
O Ring Size	6.07 X 1.78

5.00

Part No	RSS 0050 0099 022
Groove Dimension	5.00 x 9.90 x 2.20
O Ring Size	7.65 X 1.78

5.00

Part No	RSS 0060 0109 022
Groove Dimension	6.00 x 10.90 x 2.20
O Ring Size	7.65 X 1.78

7.00

Part No	RSS 0070 0119 022
Groove Dimension	9.25 x 11.90 x 2.20
O Ring Size	9.25 X 1.78

8.00

Part No	RSS 0080 0153 032
Groove Dimension	8.00 x 15.30 x 3.20
O Ring Size	10.77 X 2.62

8.00

Part No	RSS 0080 0129 022
Groove Dimension	8.00 x 12.90 x 2.20
O Ring Size	9.25 X 1.78

10.00

Part No	RSS 0100 0173 032
Groove Dimension	10.00 x 17.30 x 3.20
O Ring Size	13.94 X 2.62

10.00

Part No	RSS 0100 0149 022
Groove Dimension	10.00 x 14.90 x 2.20
O Ring Size	10.82 X 1.78

12.00

Part No	RSS 0120 0193 032
Groove Dimension	12.00 x 19.30 x 3.20
O Ring Size	15.54 X 2.62

12.00

Part No	RSS 0120 0169 022
Groove Dimension	12.00 x 16.90 x 2.20
O Ring Size	14.00 X 1.78

14.00

Part No	RSS 0140 0213 032
Groove Dimension	14.00 x 21.30 x 3.20
O Ring Size	17.12 X 2.62

14.00

Part No	RSS 0140 0189 022
Groove Dimension	14.00 x 18.90 x 2.20
O Ring Size	15.60 X 1.78

15.00

Part No	RSS 0150 0199 022
Groove Dimension	15.00 x 19.90 x 2.20
O Ring Size	8.00 x 3.10 x 2.20

15.00	
Part No	RSS 0150 0223 032
Groove Dimension	15.00 x 22.30 x 3.20
O Ring Size	18.72 X 2.62

16.00	
Part No	RSS 0160 0233 032
Groove Dimension	16.00 x 23.30 x 3.20
O Ring Size	18.72 X 2.62

16.00	
Part No	RSS 0160 0209 022
Groove Dimension	16.00 x 20.90 x 2.20
O Ring Size	17.17 X 1.78

18.00	
Part No	RSS 0180 0253 032
Groove Dimension	18.00 x 25.30 x 3.20
O Ring Size	21.89 X 2.62

18.00	
Part No	RSS 0180 0229 022
Groove Dimension	18.00 x 22.90 x 2.20
O Ring Size	18.77 X 1.78

20.00	
Part No	RSS 0200 0307 042
Groove Dimension	20.00 x 30.70 x 4.20
O Ring Size	24.99 X 3.53

20.00	
Part No	RSS 0200 0273 032
Groove Dimension	20.00 x 27.30 x 3.20
O Ring Size	21.89 X 2.62

22.00	
Part No	RSS 0220 0327 042
Groove Dimension	22.00 x 32.70 x 4.20
O Ring Size	26.57 X 3.53

22.00	
Part No	RSS 0220 0293 032
Groove Dimension	22.00 x 29.30 x 3.20
O Ring Size	25.07 X 2.62

25.00	
Part No	RSS 0250 0357 042
Groove Dimension	25.00 x 35.70 x 4.20
O Ring Size	29.74 X 3.53

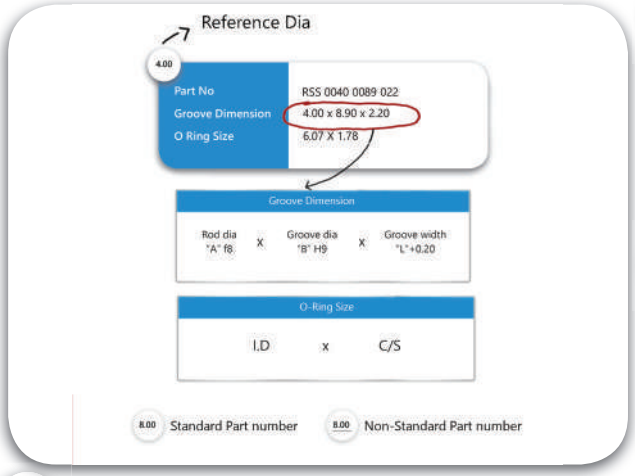
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Part No	RSS 0250 0323 032
Groove Dimension	25.00 x 32.30 x 3.20
O Ring Size	28.24 X 2.62

28.00	
Part No	RSS 0280 0353 032
Groove Dimension	28.00 x 35.30 x 3.20
O Ring Size	31.42 X 2.62

28.00	
Part No	RSS 0280 0387 042
Groove Dimension	28.00 x 38.70 x 4.20
O Ring Size	32.92 X 3.53

30.00	
Part No	RSS 0300 0407 042
Groove Dimension	30.00 x 40.70 x 4.20
O Ring Size	34.52 X 3.53

30.00	
Part No	RSS 0300 0373 032
Groove Dimension	30.00 x 37.30 x 3.20
O Ring Size	32.99 X 2.62



32.00

Part No	RSS 0320 0427 042
Groove Dimension	32.00 x 42.70 x 4.20
O Ring Size	36.09 X 3.53

32.00

Part No	RSS 0320 0393 032
Groove Dimension	32.00 x 39.30 x 3.20
O Ring Size	34.59 X 2.62

35.00

Part No	RSS 0350 0423 032
Groove Dimension	35.00 x 42.30 x 3.20
O Ring Size	37.77 X 2.62

35.00

Part No	RSS 0350 0457 042
Groove Dimension	35.00 x 45.70 x 4.20
O Ring Size	37.69 X 3.53

36.00

Part No	RSS 0360 0467 042
Groove Dimension	36.00 x 46.70 x 4.20
O Ring Size	40.87 X 3.53

36.00

Part No	RSS 0360 0433 032
Groove Dimension	36.00 x 43.30 x 3.20
O Ring Size	39.34 X 2.62

38.00

Part No	RSS 0380 0531 063
Groove Dimension	38.00 x 53.10 x 6.30
O Ring Size	43.82 X 5.33

10.00

Part No	RSS 0100 0149 022
Groove Dimension	10.00 x 14.90 x 2.20
O Ring Size	10.82 X 1.78

38.00

Part No	RSS 0380 0487 042
Groove Dimension	38.00 x 48.70 x 4.20
O Ring Size	40.87 X 3.53

40.00

Part No	RSS 0400 0551 063
Groove Dimension	40.00 x 55.10 x 6.30
O Ring Size	46.99 X 5.33

40.00

Part No	RSS 0400 0507 042
Groove Dimension	40.00 x 50.70 x 4.20
O Ring Size	44.04 X 3.53

42.00

Part No	RSS 0420 0527 042
Groove Dimension	42.00 x 52.70 x 4.20
O Ring Size	47.22 X 3.53

42.00

Part No	RSS 0420 0571 063
Groove Dimension	42.00 x 57.10 x 6.30
O Ring Size	46.99 X 5.33

45.00	
Part No	RSS 0450 0601 063
Groove Dimension	45.00 x 60.10 x 6.30
O Ring Size	50.17 X 5.33

45.00	
Part No	RSS 0450 0557 042
Groove Dimension	45.00 x 55.70 x 4.20
O Ring Size	50.39 X 3.53

50.00	
Part No	RSS 0500 0651 063
Groove Dimension	50.00 x 65.10 x 6.30
O Ring Size	56.52 X 5.33

50.00	
Part No	RSS 0500 0607 042
Groove Dimension	50.00 x 60.70 x 4.20
O Ring Size	53.57 X 3.53

56.00	
Part No	RSS 0560 0711 063
Groove Dimension	56.00 x 71.10 x 6.30
O Ring Size	62.87 X 5.33

56.00	
Part No	RSS 0560 0667 042
Groove Dimension	56.00 x 66.70 x 4.20
O Ring Size	59.92 X 3.53

60.00	
Part No	RSS 0600 0751 063
Groove Dimension	60.00 x 75.10 x 6.30
O Ring Size	66.04 X 5.33

60.00	
Part No	RSS 0600 0707 042
Groove Dimension	66.00 x 70.70 x 4.20
O Ring Size	63.09 X 3.53

63.00	
Part No	RSS 0630 0781 063
Groove Dimension	63.00 x 78.10 x 6.30
O Ring Size	69.22 X 5.33

65.00	
Part No	RSS 0650 0801 063
Groove Dimension	65.00 x 80.10 x 6.30
O Ring Size	72.39 X 5.33

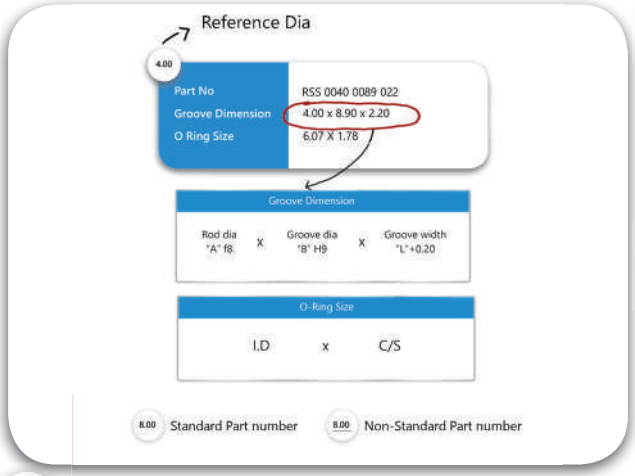
70.00	
Part No	RSS 0700 0851 063
Groove Dimension	70.00 x 85.10 x 6.30
O Ring Size	75.57 X 5.33

75.00	
Part No	RSS 0750 0901 063
Groove Dimension	75.00 x 90.10 x 6.30
O Ring Size	81.92 X 5.33

80.00	
Part No	RSS 0800 0951 063
Groove Dimension	80.00 x 95.10 x 6.30
O Ring Size	85.09 X 5.33

85.00	
Part No	RSS 0850 1001 063
Groove Dimension	85.00 x 100.10 x 6.30
O Ring Size	91.44 X 5.33

90.00	
Part No	RSS 0900 1051 063
Groove Dimension	90.00 x 105.10 x 6.30
O Ring Size	97.79 X 5.33



95.00

Part No	RSS 0950 1101 063
Groove Dimension	95.00 x 110.10 x 6.30
O Ring Size	100.97 X 5.33

100.00

Part No	RSS 1000 1151 063
Groove Dimension	100.00 x 115.10 x 6.30
O Ring Size	107.32 X 5.33

105.00

Part No	RSS 1050 1201 063
Groove Dimension	105.00 x 120.10 x 6.30
O Ring Size	110.49 X 5.33

110.00

Part No	RSS 1100 1251 063
Groove Dimension	110.00 x 125.10 x 6.30
O Ring Size	116.84 X 5.33

115.00

Part No	RSS 1150 1301 063
Groove Dimension	115.00 x 130.10 x 6.30
O Ring Size	120.02 X 5.33

120.00

Part No	RSS 1200 1351 063
Groove Dimension	120.00 x 135.10 x 6.30
O Ring Size	126.37 X 5.33

125.00

Part No	RSS 1250 1401 063
Groove Dimension	125.00 x 140.10 x 6.30
O Ring Size	132.72 X 5.33

130.00

Part No	RSS 1300 1451 063
Groove Dimension	130.00 x 145.10 x 6.30
O Ring Size	135.89 X 5.33

135.00

Part No	RSS 1350 1501 063
Groove Dimension	135.00 x 150.10 x 6.30
O Ring Size	142.24 X 5.33

140.00

Part No	RSS 1400 1551 063
Groove Dimension	140.00 x 155.10 x 6.30
O Ring Size	145.42 X 5.33

150.00

Part No	RSS 1500 1651 063
Groove Dimension	150.00 x 165.10 x 6.30
O Ring Size	158.12 X 5.33

160.00

Part No	RSS 1600 1751 063
Groove Dimension	160.00 x 175.10 x 6.30
O Ring Size	164.47 X 5.33

170.00

Part No	RSS 1700 1851 063
Groove Dimension	170.00 x 185.10 x 6.30
O Ring Size	177.17 X 5.33

180.00

Part No	RSS 1800 1951 063
Groove Dimension	180.00 x 195.10 x 6.30
O Ring Size	183.52 X 5.33

190.00

Part No	RSS 1900 2051 063
Groove Dimension	190.00 x 205.10 x 6.30
O Ring Size	196.22 X 5.33

200.00

Part No	RSS 2000 2205 081
Groove Dimension	200.00 x 220.50 x 8.10
O Ring Size	202.57 X 7.00

210.00

Part No	RSS 2100 2305 081
Groove Dimension	210.00 x 230.50 x 8.10
O Ring Size	215.27 X 7.00

220.00

Part No	RSS 2200 2405 081
Groove Dimension	220.00 x 240.50 x 8.10
O Ring Size	227.97 X 7.00

230.00

Part No	RSS 2300 2505 081
Groove Dimension	230.00 x 250.50 x 8.10
O Ring Size	240.67 X 7.00

240.00

Part No	RSS 2400 2605 081
Groove Dimension	240.00 x 260.50 x 8.10
O Ring Size	253.37 X 7.00

250.00

Part No	RSS 2500 2705 081
Groove Dimension	250.00 x 270.50 x 8.10
O Ring Size	253.37 X 7.00

260.00

Part No	RSS 2600 2840 081
Groove Dimension	260.00 x 284.00 x 8.10
O Ring Size	266.07 X 7.00

270.00

Part No	RSS 2700 2940 081
Groove Dimension	270.00 x 294.00 x 8.10
O Ring Size	278.77 X 7.00

280.00

Part No	RSS 2800 3040 081
Groove Dimension	280.00 x 304.00 x 8.10
O Ring Size	291.47 X 7.00

290.00

Part No	RSS 2900 3140 081
Groove Dimension	290.00 x 314.00 x 8.10
O Ring Size	304.17 X 7.00

300.00

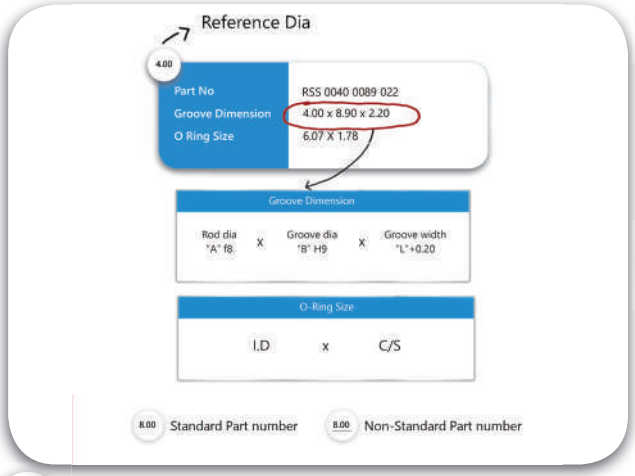
Part No	RSS 3000 3240 081
Groove Dimension	300.00 x 324.00 x 8.10
O Ring Size	316.87 X 7.00

310.00

Part No	RSS 3100 3340 081
Groove Dimension	310.00 x 334.00 x 8.10
O Ring Size	316.87 X 7.00

320.00

Part No	RSS 3200 3440 081
Groove Dimension	320.00 x 344.00 x 8.10
O Ring Size	329.57 X 7.00



330.00

Part No	RSS 3300 3540 081
Groove Dimension	330.00 x 354.00 x 8.10
O Ring Size	342.27 X 7.00

340.00

Part No	RSS 3400 3640 081
Groove Dimension	340.00 x 364.00 x 8.10
O Ring Size	354.97 X 7.00

350.00

Part No	RSS 3500 3740 081
Groove Dimension	350.00 x 374.00 x 8.10
O Ring Size	367.67 X 7.00

360.00

Part No	RSS 3600 3840 081
Groove Dimension	360.00 x 384.00 x 8.10
O Ring Size	367.67 X 7.00

370.00

Part No	RSS 3700 3940 081
Groove Dimension	370.00 x 394.00 x 8.10
O Ring Size	380.37 X 7.00

380.00

Part No	RSS 3800 4040 081
Groove Dimension	380.00 x 404.00 x 8.10
O Ring Size	393.07 X 7.00

390.00

Part No	RSS 3900 4140 081
Groove Dimension	390.00 x 414.00 x 8.10
O Ring Size	405.26 X 7.00

400.00

Part No	RSS 4000 4240 081
Groove Dimension	400.00 x 424.00 x 8.10
O Ring Size	405.26 X 7.00

410.00

Part No	RSS 4100 4340 081
Groove Dimension	410.00 x 434.00 x 8.10
O Ring Size	417.96 X 7.00

420.00

Part No	RSS 4200 4440 081
Groove Dimension	420.00 x 444.00 x 8.10
O Ring Size	430.66 X 7.00

430.00

Part No	RSS 4300 4540 081
Groove Dimension	430.00 x 454.00 x 8.10
O Ring Size	443.36 X 7.00

440.00

Part No	RSS 4400 4640 081
Groove Dimension	440.00 x 464.00 x 8.10
O Ring Size	456.06 X 7.00

450.00

Part No	RSS 4500 4740 081
Groove Dimension	450.00 x 474.00 x 8.10
O Ring Size	456.06 X 7.00

460.00

Part No	RSS 4600 4840 081
Groove Dimension	460.00 x 484.00 x 8.10
O Ring Size	468.76 X 7.00

470.00

Part No	RSS 4700 4940 081
Groove Dimension	470.00 x 494.00 x 8.10
O Ring Size	481.46 X 7.00

480.00

Part No	RSS 4800 5040 081
Groove Dimension	480.00 x 504.00 x 8.10
O Ring Size	494.16 X 7.00

490.00

Part No	RSS 4900 5140 081
Groove Dimension	490.00 x 514.00 x 8.10
O Ring Size	506.86 X 7.00

500.00

Part No	RSS 5000 5240 081
Groove Dimension	500.00 x 524.00 x 8.10
O Ring Size	506.86 X 7.00

510.00

Part No	RSS 5100 5340 081
Groove Dimension	510.00 x 534.00 x 8.10
O Ring Size	506.86 X 7.00

520.00

Part No	RSS 5200 5440 081
Groove Dimension	520.00 x 544.00 x 8.10
O Ring Size	532.26 X 7.00

530.00

Part No	RSS 5300 5540 081
Groove Dimension	530.00 x 554.00 x 8.10
O Ring Size	532.26 X 7.00

540.00

Part No	RSS 5400 5640 081
Groove Dimension	540.00 x 564.00 x 8.10
O Ring Size	557.66 X 7.00

550.00

Part No	RSS 5500 5740 081
Groove Dimension	550.00 x 574.00 x 8.10
O Ring Size	557.66 X 7.00

560.00

Part No	RSS 5600 5840 081
Groove Dimension	560.00 x 584.00 x 8.10
O Ring Size	557.66 X 7.00

570.00

Part No	RSS 5700 5940 081
Groove Dimension	570.00 x 594.00 x 8.10
O Ring Size	582.68 X 7.00

580.00

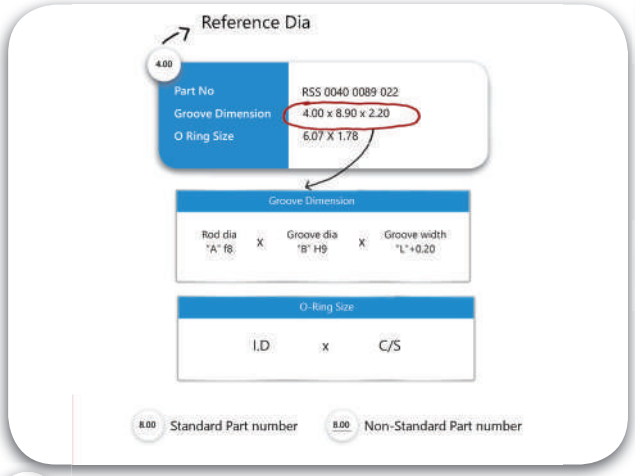
Part No	RSS 5800 6040 081
Groove Dimension	580.00 x 604.00 x 8.10
O Ring Size	582.68 X 7.00

590.00

Part No	RSS 5900 6140 081
Groove Dimension	590.00 x 614.00 x 8.10
O Ring Size	608.08 X 7.00

600.00

Part No	RSS 6000 6240 081
Groove Dimension	600.00 x 624.00 x 8.10
O Ring Size	608.08 X 7.00



610.00

Part No	RSS 6100 6340 081
Groove Dimension	610.00 x 634.00 x 8.10
O Ring Size	608.08 X 7.00

620.00

Part No	RSS 6200 6440 081
Groove Dimension	620.00 x 644.00 x 8.10
O Ring Size	633.48 X 7.00

350.00

Part No	RSS 6300 6540 081
Groove Dimension	630.00 x 654.00 x 8.10
O Ring Size	633.48 X 7.00

640.00

Part No	RSS 6400 6640 081
Groove Dimension	640.00 x 664.00 x 8.10
O Ring Size	658.88 X 7.00

650.00

Part No	RSS 6500 6773 095
Groove Dimension	650.00 x 677.30 x 9.50
O Ring Size	665.00 x 8.40

660.00

Part No	RSS 6600 6873 095
Groove Dimension	660.00 x 687.30 x 9.50
O Ring Size	675.00 x 8.40

670.00

Part No	RSS 6700 6973 095
Groove Dimension	670.00 x 697.30 x 9.50
O Ring Size	685.00 x 8.40

680.00

Part No	RSS 6800 7073 095
Groove Dimension	680.00 x 707.30 x 9.50
O Ring Size	695.00 x 8.40

690.00

Part No	RSS 6900 7173 095
Groove Dimension	690.00 x 717.30 x 9.50
O Ring Size	705.00 x 8.40

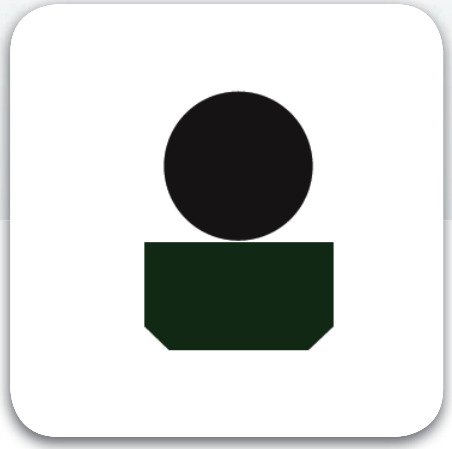
700.00

Part No	RSS 7000 7273 095
Groove Dimension	700.00 x 727.30 x 9.50
O Ring Size	715.00 x 8.40

710.00

Part No	RSS 7100 7373 095
Groove Dimension	710.00 x 737.30 x 9.50
O Ring Size	725.00 x 8.40



Description

TRIGLIDE® is a bidirectional seal and composed of two elements. The dynamic seal is a ring in TRIALON® (filled PTFE) while the static seal is an O-Ring TRIAFLEX® (NBR) also acting as energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.

Diameter Range	Ø8.00 – Ø2700.00
Standard material	TRIALON® T415(Bronze Filled PTFE) with Energiser in TRIAFLEX® T571(NBR 70 Shores) (Other Compounds available, so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material)
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc depending on Seal Compounds selected
Pressure	≤ 800 bar

Reciprocating | oscillating | Rotary | Helix | Static | Single Acting | Double Acting

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

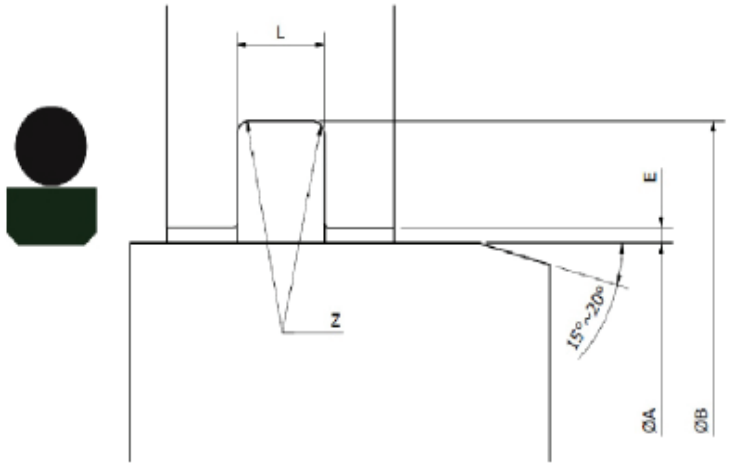
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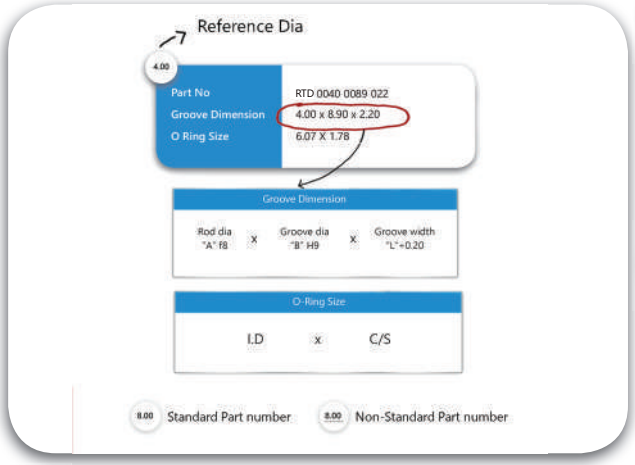
Part No	RTD	0160	0233	032	T415	N
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Rod Diameter "A" f8			Radial Clearence "E" max		Radius "Z"	O-Ring Cross Section
Heavy duty Seals	Standard Series	Light Duty Series	0-200 bar	200-400 bar		
–	8-14.9	15-39.9	0.30-0.20	0.20-0.15	0.3-0.5	1.78
–	15 – 39.9	40 – 79.9	0.40 - 0.25	0.25 - 0.15	0.5 - 0.8	2.62
15 – 39.9	40 – 79.9	80 – 132.9	0.40 - 0.25	0.25 - 0.15	0.8 - 1.2	3.53
40 – 79.9	80 – 132.9	133 – 329.9	0.50 - 0.30	0.30 - 0.20	1.2 - 1.5	5.33
80 – 132.9	133 – 329.9	330 – 669.9	0.50 - 0.30	0.30 - 0.20	1.5 - 2.0	7.00
133 – 329.9	330 – 669.9	670 – 999.9	0.60 - 0.35	0.35 - 0.25	1.5 - 2.0	7.00
330 – 669.9	670 – 999.9	–	0.70 - 0.40	0.40 - 0.30	2.0 - 3.0	8.40





3.00

Part No	RTD 0030 0079 022
Groove Dimension	3.00 x 7.90 x 2.20
O Ring Size	4.47 x 1.78

4.00

Part No	RTD 0040 0089 022
Groove Dimension	4.00 x 8.90 x 2.20
O Ring Size	5.6 x 1.8

5.00

Part No	RTD 0050 0099 022
Groove Dimension	5.00 x 9.90 x 2.20
O Ring Size	6.7 x 1.8

6.00

Part No	RTD 0060 0109 022
Groove Dimension	6.00 x 10.9 x 2.20
O Ring Size	7.65 x 1.78

7.00

Part No	RTD 0070 0119 022
Groove Dimension	7.00 x 11.9 x 2.20
O Ring Size	8.75 x 1.8

8.00

Part No	RTD 0080 0129 022
Groove Dimension	8.00 x 12.90 x 2.20
O Ring Size	9.5 x 1.8

8.00

Part No	RTD 0080 0153 032
Groove Dimension	8.00 x 15.30 x 3.20
O Ring Size	10.77 x 2.62

10.00

Part No	RTD 0100 0149 022
Groove Dimension	10.00 x 14.90 x 2.20
O Ring Size	11.8 x 1.8

10.00

Part No	RTD 0100 0173 032
Groove Dimension	10.00 x 17.30 x 3.20
O Ring Size	12.37 x 2.62

12.00

Part No	RTD 0120 0169 022
Groove Dimension	12.00 x 16.9 x 2.20
O Ring Size	14.0 x 1.78

12.00

Part No	RTD 0120 0193 032
Groove Dimension	12.00 x 19.30 x 3.20
O Ring Size	13.94 x 2.62

14.00

Part No	RTD 0140 0189 022
Groove Dimension	14.00 x 18.90 x 2.20
O Ring Size	15.6 x 1.78

14.00

Part No	RTD 0140 0213 032
Groove Dimension	14.00 x 21.3 x 3.20
O Ring Size	17.12 x 2.62

15.00	
Part No	RTD 0150 0199 022
Groove Dimension	15.00 x 19.90 x 2.20
O Ring Size	17.17 x 1.78

15.00	
Part No	RTD 0150 0223 032
Groove Dimension	15.00 x 22.30 x 3.20
O Ring Size	17.12 x 2.62

16.00	
Part No	RTD 0160 0209 022
Groove Dimension	16.00 x 20.90 x 2.20
O Ring Size	17.17 x 1.78

16.00	
Part No	RTD 0160 0233 032
Groove Dimension	16.00 x 23.30 x 3.20
O Ring Size	18.72 x 2.62

18.00	
Part No	RTD 0180 0229 022
Groove Dimension	18.00 x 22.90 x 2.20
O Ring Size	20.35 x 1.78

18.00	
Part No	RTD 0180 0253 032
Groove Dimension	18.00 x 25.30 x 3.20
O Ring Size	20.29 x 2.62

19.00	
Part No	RTD 0190 0297 042
Groove Dimension	19.00 x 29.70 x 4.20
O Ring Size	23.39 x 3.53

20.00	
Part No	RTD 0200 0273 032
Groove Dimension	20.00 x 27.30 x 3.20
O Ring Size	21.89 x 2.62

20.00	
Part No	RTD 0200 0307 042
Groove Dimension	20.00 x 30.70 x 4.20
O Ring Size	25.0 x 3.53

22.00	
Part No	RTD 0220 0293 032
Groove Dimension	22.00 x 29.30 x 3.20
O Ring Size	25.07 x 2.62

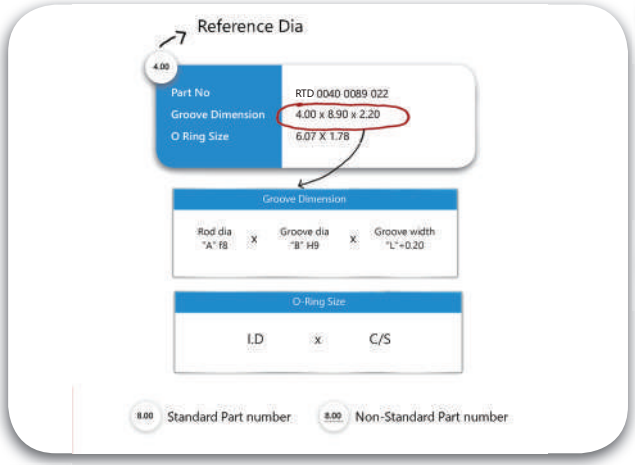
22.00	
Part No	RTD 0220 0327 042
Groove Dimension	22.00 x 32.70 x 4.20
O Ring Size	26.57 x 3.53

24.00	
Part No	RTD 0240 0313 032
Groove Dimension	24.00 x 31.30 x 3.20
O Ring Size	26.64 x 2.62

25.00	
Part No	RTD 0250 0323 032
Groove Dimension	25.00 x 32.30 x 3.20
O Ring Size	28.24 x 2.62

25.00	
Part No	RTD 0250 0357 042
Groove Dimension	25.00 x 35.70 x 4.20
O Ring Size	29.74 x 3.53

25.40	
Part No	RTD 0254 0327 032
Groove Dimension	25.40 x 32.70 x 3.20
O Ring Size	28.24 x 2.62



25.40

Part No	RTD 0254 0361 042
Groove Dimension	25.40 x 36.10 x 4.20
O Ring Size	29.74 x 3.53

26.00

Part No	RTD 0260 0330 032
Groove Dimension	26.00 x 33.0 x 3.20
O Ring Size	28.24 x 2.62

26.00

Part No	RTD 0260 0367 042
Groove Dimension	26.00 x 36.70 x 4.20
O Ring Size	29.74 x 3.53

27.00

Part No	RTD 0270 0343 032
Groove Dimension	27.00 x 34.30 x 3.20
O Ring Size	29.82 x 2.62

28.00

Part No	RTD 0280 0353 032
Groove Dimension	28.00 x 35.3 x 3.20
O Ring Size	29.82 x 2.62

28.00

Part No	RTD 0280 0387 042
Groove Dimension	28.00 x 38.70 x 4.20
O Ring Size	32.92 x 3.53

28.50

Part No	RTD 0285 0358 032
Groove Dimension	28.50 x 35.80 x 3.20
O Ring Size	31.42 x 2.62

29.00

Part No	RTD 0290 0363 032
Groove Dimension	29.00 x 36.30 x 3.20
O Ring Size	31.42 x 2.62

30.00

Part No	RTD 0300 0373 032
Groove Dimension	30.00 x 37.30 x 3.20
O Ring Size	32.99 x 2.62

30.00

Part No	RTD 0300 0407 042
Groove Dimension	30.00 x 40.70 x 4.20
O Ring Size	34.52 x 3.53

32.00

Part No	RTD 0320 0393 032
Groove Dimension	32.00 x 39.30 x 3.20
O Ring Size	34.59 x 2.62

32.00

Part No	RTD 0320 0427 042
Groove Dimension	32.00 x 42.70 x 4.20
O Ring Size	36.09 x 3.53

35.00

Part No	RTD 0350 0423 032
Groove Dimension	35.00 x 42.30 x 3.20
O Ring Size	37.77 x 2.62

35.00	
Part No	RTD 0350 0457 042
Groove Dimension	35.00 x 45.70 x 4.20
O Ring Size	37.69 x 3.53

36.00	
Part No	RTD 0360 0433 032
Groove Dimension	36.00 x 43.30 x 3.20
O Ring Size	39.34 x 2.62

36.00	
Part No	RTD 0360 0467 042
Groove Dimension	36.00 x 46.70 x 4.20
O Ring Size	40.87 x 3.53

38.00	
Part No	RTD 0380 0487 042
Groove Dimension	38.00 x 48.70 x 4.20
O Ring Size	40.87 x 3.53

38.00	
Part No	RTD 0380 0531 063
Groove Dimension	38.00 x 53.10 x 6.30
O Ring Size	43.82 x 5.33

39.00	
Part No	RTD 0390 0497 042
Groove Dimension	39.00 x 49.70 x 4.20
O Ring Size	44.04 x 3.53

40.00	
Part No	RTD 0400 0507 042
Groove Dimension	40.00 x 50.70 x 4.20
O Ring Size	44.04 x 3.53

40.00	
Part No	RTD 0400 0551 063
Groove Dimension	40.00 x 55.10 x 6.30
O Ring Size	43.82 x 5.33

42.00	
Part No	RTD 0420 0527 042
Groove Dimension	42.00 x 52.70 x 4.20
O Ring Size	47.22 x 3.53

42.00	
Part No	RTD 0420 0571 063
Groove Dimension	42.00 x 57.10 x 6.30
O Ring Size	46.99 x 5.33

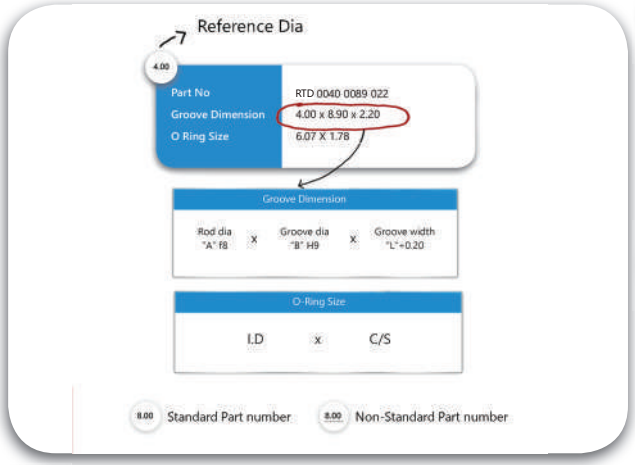
44.00	
Part No	RTD 0440 0547 042
Groove Dimension	44.00 x 54.70 x 4.20
O Ring Size	47.22 x 3.53

44.50	
Part No	RTD 0445 0595 063
Groove Dimension	44.50 x 59.50 x 6.30
O Ring Size	50.17 x 5.33

45.00	
Part No	RTD 0450 0557 042
Groove Dimension	45.00 x 55.70 x 4.20
O Ring Size	50.39 x 3.53

45.00	
Part No	RTD 0450 0601 063
Groove Dimension	45.00 x 60.10 x 6.30
O Ring Size	50.17 x 5.33

48.00	
Part No	RTD 0480 0587 042
Groove Dimension	48.00 x 58.70 x 4.20
O Ring Size	51.5 x 3.55



48.00

Part No	RTD 0480 0631 063
Groove Dimension	48.00 x 63.10 x 6.30
O Ring Size	53.34 x 5.33

50.00

Part No	RTD 0500 0607 042
Groove Dimension	50.00 x 60.70 x 4.20
O Ring Size	53.57 x 3.53

50.00

Part No	RTD 0500 0651 063
Groove Dimension	50.00 x 65.10x 6.30
O Ring Size	56.52 x 5.33

50.80

Part No	RTD 0508 0615 042
Groove Dimension	50.80 x 61.50 x 4.20
O Ring Size	53.57 x 3.53

50.80

Part No	RTD 0508 0659 063
Groove Dimension	50.80 x 65.90 x 6.30
O Ring Size	56.52 x 5.33

52.00

Part No	RTD 0520 0627 042
Groove Dimension	52.00 x 62.70 x 4.20
O Ring Size	56.74 x 3.53

52.00

Part No	RTD 0520 0671 063
Groove Dimension	52.00 x 67.10 x 6.30
O Ring Size	56.52 x 5.33

54.00

Part No	RTD 0540 0691 063
Groove Dimension	54.00 x 69.10 x 6.30
O Ring Size	59.69 x 5.33

55.00

Part No	RTD 0550 0657 042
Groove Dimension	55.00 x 65.70 x 4.20
O Ring Size	59.92 x 3.53

55.00

Part No	RTD 0550 0701 063
Groove Dimension	55.00 x 70.1 x 6.30
O Ring Size	59.69 x 5.33

56.00

Part No	RTD 0560 0667 042
Groove Dimension	56.00 x 66.70 x 4.20
O Ring Size	59.92 x 3.53

56.00

Part No	RTD 0560 0711 063
Groove Dimension	56.00 x 71.10 x 6.30
O Ring Size	62.87 x 5.33

58.00

Part No	RTD 0580 0731 063
Groove Dimension	58.00 x 73.10 x 6.30
O Ring Size	62.87 x 5.33

60.00	
Part No	RTD 0600 0707 042
Groove Dimension	60.00 x 70.70 x 4.20
O Ring Size	63.09 x 3.53

60.00	
Part No	RTD 0600 0751 063
Groove Dimension	60.00 x 75.10 x 6.30
O Ring Size	66.04 x 5.33

63.00	
Part No	RTD 0630 0737 042
Groove Dimension	63.00 x 73.70 x 4.20
O Ring Size	66.27 x 3.53

63.00	
Part No	RTD 0630 0781 063
Groove Dimension	63.00 x 78.10 x 6.30
O Ring Size	69.22 x 5.33

65.00	
Part No	RTD 0650 0801 063
Groove Dimension	65.00 x 80.10 x 6.30
O Ring Size	69.22 x 5.33

67.00	
Part No	RTD 0670 0777 042
Groove Dimension	67.00 x 77.70 x 4.20
O Ring Size	72.62 x 3.53

70.00	
Part No	RTD 0700 0807 042
Groove Dimension	70.00 x 80.70 x 4.20
O Ring Size	75.79 x 3.53

70.00	
Part No	RTD 0700 0851 063
Groove Dimension	70.00 x 85.10 x 6.30
O Ring Size	75.57 x 5.33

72.00	
Part No	RTD 0720 0827 042
Groove Dimension	72.00 x 82.70 x 4.20
O Ring Size	75.79 x 3.53

75.00	
Part No	RTD 0750 0857 042
Groove Dimension	75.00 x 85.70 x 4.20
O Ring Size	78.97 x 3.53

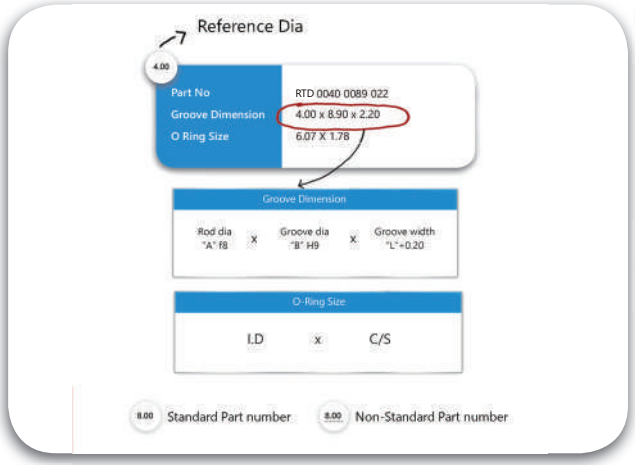
75.00	
Part No	RTD 0750 0901 063
Groove Dimension	75.00 x 90.10 x 6.30
O Ring Size	81.92 x 5.33

80.00	
Part No	RTD 0800 0907 042
Groove Dimension	80.00 x 90.70 x 4.20
O Ring Size	85.32 x 3.53

80.00	
Part No	RTD 0800 0951 063
Groove Dimension	80.00 x 95.10 x 6.30
O Ring Size	85.09 x 5.33

83.00	
Part No	RTD 0830 0937 042
Groove Dimension	83.00 x 93.70 x 6.30
O Ring Size	88.49 x 3.53

85.00	
Part No	RTD 0850 1001 063
Groove Dimension	85.00 x 100.10 x 6.30
O Ring Size	91.44 x 5.33



86.00

Part No	RTD 0860 0967 042
Groove Dimension	86.00 x 96.70 x 4.20
O Ring Size	91.67 x 3.53

90.00

Part No	RTD 0900 1007 042
Groove Dimension	90.00 x 100.70 x 4.20
O Ring Size	94.84 x 3.53

90.00

Part No	RTD 0900 1051 063
Groove Dimension	90.00 x 105.10 x 6.30
O Ring Size	94.62 x 5.33

92.00

Part No	RTD 0920 1027 042
Groove Dimension	92.00 x 102.70 x 4.20
O Ring Size	98.02 x 3.53

95.00

Part No	RTD 0950 1057 042
Groove Dimension	95.00 x 105.70 x 4.20
O Ring Size	101.19 x 3.53

95.00

Part No	RTD 0950 1101 063
Groove Dimension	95.00 x 110.10 x 6.30
O Ring Size	100.97 x 5.33

100.00

Part No	RTD 1000 1107 042
Groove Dimension	100.00 x 110.70 x 4.20
O Ring Size	104.37 x 3.53

100.00

Part No	RTD 1000 1151 063
Groove Dimension	100.00 x 115.10 x 6.30
O Ring Size	107.32 x 5.33

101.60

Part No	RTD 1016 1123 042
Groove Dimension	101.60 x 112.30 x 4.20
O Ring Size	107.54 x 3.53

101.60

Part No	RTD 1016 1167 063
Groove Dimension	101.60 x 116.70 x 6.30
O Ring Size	107.32 x 5.33

104.70

Part No	RTD 1047 1198 063
Groove Dimension	104.70 x 119.80 x 6.30
O Ring Size	110.49 x 5.33

105.00

Part No	RTD 1050 1157 042
Groove Dimension	105.00 x 115.70 x 4.20
O Ring Size	110.72 x 3.53

105.00

Part No	RTD 1050 1201 063
Groove Dimension	105.00 x 120.10 x 6.30
O Ring Size	110.49 x 5.33

110.00	
Part No	RTD 1100 1207 042
Groove Dimension	110.00 x 120.70 x 4.20
O Ring Size	113.89 x 3.53

110.00	
Part No	RTD 1100 1251 063
Groove Dimension	110.00 x 125.10 x 6.30
O Ring Size	116.84 x 5.33

110.00	
Part No	RTD 1100 1305 081
Groove Dimension	110.00 x 130.50 x 8.10
O Ring Size	120.02 x 7.00

112.00	
Part No	RTD 1120 1271 063
Groove Dimension	112.00 x 127.10 x 6.30
O Ring Size	116.84 x 5.33

115.00	
Part No	RTD 1150 1257 042
Groove Dimension	115.00 x 125.70 x 4.20
O Ring Size	120.24 x 3.53

115.00	
Part No	RTD 1150 1301 063
Groove Dimension	115.00 x 130.10 x 6.30
O Ring Size	120.02 x 5.33

118.00	
Part No	RTD 1180 1331 063
Groove Dimension	118.00 x 133.10 x 6.30
O Ring Size	123.19 x 5.33

120.00	
Part No	RTD 1200 1307 042
Groove Dimension	120.00 x 130.70 x 4.20
O Ring Size	123.42 x 3.53

120.00	
Part No	RTD 1200 1357 063
Groove Dimension	120.00 x 135.70 x 6.30
O Ring Size	126.37 x 5.33

125.00	
Part No	RTD 1250 1357 042
Groove Dimension	125.00 x 135.70 x 4.20
O Ring Size	129.77 x 3.53

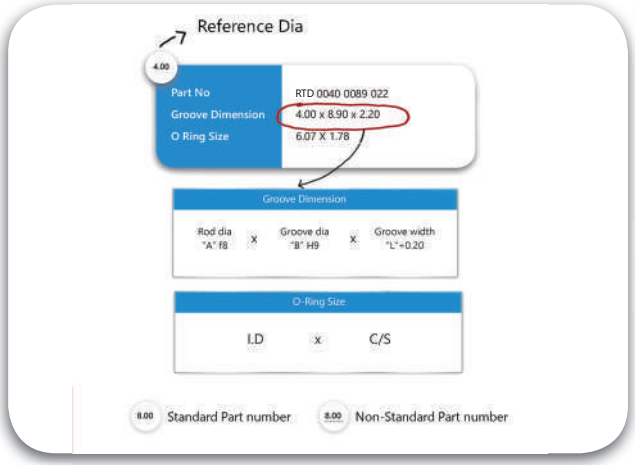
125.00	
Part No	RTD 1250 1401 063
Groove Dimension	125.00 x 140.10 x 6.30
O Ring Size	129.54 x 5.33

129.00	
Part No	RTD 1290 1397 042
Groove Dimension	129.00 x 139.70 x 4.20
O Ring Size	132.94 x 3.53

130.00	
Part No	RTD 1300 1407 042
Groove Dimension	130.00 x 140.70 x 4.20
O Ring Size	136.12 x 3.53

130.00	
Part No	RTD 1300 1451 063
Groove Dimension	130.00 x 145.10 x 6.30
O Ring Size	135.89 x 5.33

135.00	
Part No	RTD 1350 1457 042
Groove Dimension	135.00 x 145.70 x 4.20
O Ring Size	139.29 x 3.53



135.00

Part No	RTD 1350 1501 063
Groove Dimension	135.00 x 150.10 x 6.30
O Ring Size	142.24 x 5.33

140.00

Part No	RTD 1400 1507 042
Groove Dimension	140.00 x 150.70 x 4.20
O Ring Size	145.64 x 3.53

140.00

Part No	RTD 1400 1551 063
Groove Dimension	140.00 x 155.10 x 6.30
O Ring Size	145.42 x 5.33

145.00

Part No	RTD 1450 1557 042
Groove Dimension	145.00 x 155.70 x 4.20
O Ring Size	148.82 x 3.53

145.00

Part No	RTD 1450 1601 063
Groove Dimension	145.00 x 160.10 x 6.30
O Ring Size	151.77 x 5.33

150.00

Part No	RTD 1500 1651 063
Groove Dimension	150.00 x 165.10 x 6.30
O Ring Size	158.12 x 5.33

160.00

Part No	RTD 1600 1751 063
Groove Dimension	160.00 x 175.10 x 6.30
O Ring Size	164.47 x 5.33

160.00

Part No	RTD 1600 1805 081
Groove Dimension	160.00 x 180.50 x 8.10
O Ring Size	170.82 x 7.00

165.00

Part No	RTD 1650 1801 063
Groove Dimension	165.00 x 180.10 x 6.30
O Ring Size	170.82 x 5.33

170.00

Part No	RTD 1700 1807 042
Groove Dimension	170.00 x 180.70 x 4.20
O Ring Size	177.39 x 3.53

170.00

Part No	RTD 1700 1851 063
Groove Dimension	170.00 x 185.00 x 6.30
O Ring Size	177.17 x 5.33

175.00

Part No	RTD 1750 1901 063
Groove Dimension	175.00 x 190.10 x 6.30
O Ring Size	183.52 x 5.33

180.00

Part No	RTD 1800 1907 042
Groove Dimension	180.00 x 190.70 x 4.20
O Ring Size	183.74 x 3.53

180.00

Part No	RTD 1800 1951 063
Groove Dimension	180.00 x 195.10 x 6.30
O Ring Size	183.17 x 5.33

180.00

Part No	RTD 1800 2005 081
Groove Dimension	180.00 x 200.50 x 8.10
O Ring Size	189.87 x 7.00

190.00

Part No	RTD 1900 2007 042
Groove Dimension	190.00 x 200.70 x 4.20
O Ring Size	196.44 x 3.53

190.00

Part No	RTD 1900 2051 063
Groove Dimension	190.00 x 205.10 x 6.30
O Ring Size	196.22 x 5.33

200.00

Part No	RTD 2000 2151 063
Groove Dimension	200.00 x 215.10 x 6.30
O Ring Size	208.92 x 5.33

200.00

Part No	RTD 2000 2205 081
Groove Dimension	200.00 x 220.50 x 8.10
O Ring Size	208.92 x 7.00

205.00

Part No	RTD 2050 2201 063
Groove Dimension	205.00 x 220.10 x 6.30.
O Ring Size	208.92 x 5.33

210.00

Part No	RTD 2100 2551 063
Groove Dimension	210.00 x 255.10 x 6.30
O Ring Size	215.27 x 5.33

220.00

Part No	RTD 2200 2351 063
Groove Dimension	220.00 x 235.10 x 6.30
O Ring Size	227.97 x 5.33

220.00

Part No	RTD 2200 2405 081
Groove Dimension	220.00 x 240.50 x 8.10
O Ring Size	227.97 x 7.00

230.00

Part No	RTD 2300 2451 063
Groove Dimension	230.00 x 245.10 x 6.30
O Ring Size	234.32 x 5.33

230.00

Part No	RTD 2300 2501 081
Groove Dimension	230.00 x 250.10 x 8.10
O Ring Size	240.67 x 7.00

240.00

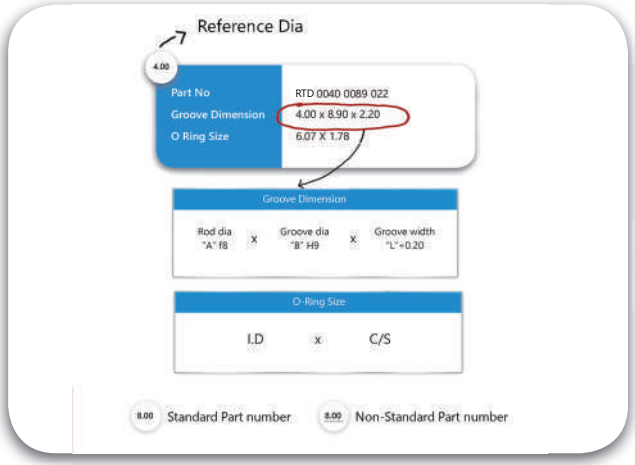
Part No	RTD 2400 2551 063
Groove Dimension	240.00 x 255.10 x 6.30
O Ring Size	247.02 x 5.33

240.00

Part No	RTD 2400 2605 081
Groove Dimension	240.00 x 260.50 x 8.10
O Ring Size	253.37 x 7.00

250.00

Part No	RTD 2500 2705 081
Groove Dimension	250.00 x 270.50 x 8.10
O Ring Size	266.07 x 7.00



260.00

Part No	RTD 2600 2840 081
Groove Dimension	260.00 x 284.00 x 8.10
O Ring Size	266.07 x 7.00

270.00

Part No	RTD 2700 2905 081
Groove Dimension	270.00 x 290.50 x 8.10
O Ring Size	278.77 x 7.00

270.00

Part No	RTD 2700 2940 081
Groove Dimension	270.00 x 294.00 x 8.10
O Ring Size	278.77 x 7.00

275.00

Part No	RTD 2750 2990 081
Groove Dimension	275.00 x 299.00 x 8.10
O Ring Size	291.47 x 7.00

280.00

Part No	RTD 2800 3005 081
Groove Dimension	280.00 x 300.50 x 8.10
O Ring Size	291.47 x 7.00

280.00

Part No	RTD 2800 3040 081
Groove Dimension	280.00 x 304.00 x 8.10
O Ring Size	291.47 x 7.00

290.00

Part No	RTD 2900 3105 081
Groove Dimension	290.00 x 310.50 x 8.10
O Ring Size	304.17 x 7.00

290.00

Part No	RTD 2900 3140 081
Groove Dimension	290.00 x 314.00 x 8.10
O Ring Size	304.17 x 7.00

300.00

Part No	RTD 3000 3240 081
Groove Dimension	300.00 x 324.00 x 8.10
O Ring Size	316.87 x 7.00

310.00

Part No	RTD 3100 3305 081
Groove Dimension	310.00 x 330.50 x 8.10
O Ring Size	316.87 x 7.00

320.00

Part No	RTD 3200 3440 081
Groove Dimension	320.00 x 344.00 x 8.10
O Ring Size	329.57 x 7.00

330.00

Part No	RTD 3300 3540 081
Groove Dimension	330.00 x 354.00 x 8.10
O Ring Size	342.47 x 7.00

340.00

Part No	RTD 3400 3640 081
Groove Dimension	340.00 x 364.00 x 8.10
O Ring Size	354.97 x 7.00

315.00

Part No	RTD 3150 3705 081
Groove Dimension	315.00 x 370.50 x 8.10
O Ring Size	354.97 x 7.00

350.00

Part No	RTD 3500 3740 081
Groove Dimension	350.00 x 374.00 x 8.10
O Ring Size	367.67 x 7.00

360.00

Part No	RTD 3600 3840 081
Groove Dimension	360.00 x 384.00 x 8.10
O Ring Size	367.67 x 7.00

370.00

Part No	RTD 3700 3905 081
Groove Dimension	370.00 x 390.50 x 8.10
O Ring Size	380.37 x 7.00

370.00

Part No	RTD 3700 3940 081
Groove Dimension	370.00 x 394.00 x 8.10
O Ring Size	380.37 x 7.00

380.00

Part No	RTD 3800 4040 081
Groove Dimension	380.00 x 404.00 x 8.10
O Ring Size	393.07 x 7.00

390.00

Part No	RTD 3900 4140 081
Groove Dimension	390.00 x 414.00 x 8.10.
O Ring Size	405.26 x 7.00

400.00

Part No	RTD 4000 4205 081
Groove Dimension	400.00 x 420.50 x 8.10
O Ring Size	417.96 x 7.00

400.00

Part No	RTD 4000 4240 081
Groove Dimension	400.00 x 424.00 x 8.10
O Ring Size	417.96 x 7.00

410.00

Part No	RTD 4100 4340 081
Groove Dimension	410.00 x 434.00 x 8.10
O Ring Size	417.96 x 7.00

420.00

Part No	RTD 4200 4440 081
Groove Dimension	420.00 x 444.00 x 8.10
O Ring Size	430.66 x 7.00

430.00

Part No	RTD 4300 4540 081
Groove Dimension	430.00 x 454.00 x 8.10
O Ring Size	443.36 x 7.00

440.00

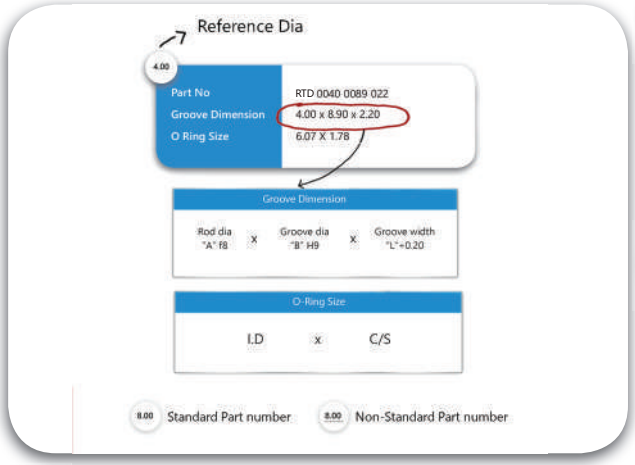
Part No	RTD 4400 4640 081
Groove Dimension	440.00 x 464.00 x 8.10
O Ring Size	456.06 x 7.00

450.00

Part No	RTD 4500 4740 081
Groove Dimension	450.00 x 474.00 x 8.10
O Ring Size	468.76 x 7.00

460.00

Part No	RTD 4600 4840 081
Groove Dimension	460.00 x 484.00 x 8.10
O Ring Size	468.76 x 7.00



470.00

Part No	RTD 4700 4940 081
Groove Dimension	470.00 x 494.00 x 8.10
O Ring Size	481.00 x 7.00

480.00

Part No	RTD 4800 5040 081
Groove Dimension	480.00 x 504.00 x 8.10
O Ring Size	494.16 x 7.00

490.00

Part No	RTD 4900 5140 081
Groove Dimension	490.00 x 514.00 x 8.10
O Ring Size	506.86 x 7.00

500.00

Part No	RTD 5000 5240 081
Groove Dimension	500.00 x 524.00 x8.10
O Ring Size	506.86 x 7.00

510.00

Part No	RTD 5100 5340 081
Groove Dimension	510.00 x 534.00 x 8.10
O Ring Size	532.26 x 7.00

520.00

Part No	RTD 5200 5440 081
Groove Dimension	520.00 x 544.00 x 8.10
O Ring Size	532.26 x 7.00

530.00

Part No	RTD 5300 5540 081
Groove Dimension	530.00 x 554.00 x 8.10
O Ring Size	557.66 x 7.00

540.00

Part No	RTD 5400 5640 081
Groove Dimension	540.00 x 564.00 x 8.10
O Ring Size	557.66 x 7.00

550.00

Part No	RTD 5500 5740 081
Groove Dimension	550.00 x 574.00 x 8.10
O Ring Size	557.66 x 7.00

560.00

Part No	RTD 5600 5840 081
Groove Dimension	560.00 x 584.00 x 8.10
O Ring Size	582.68 x 7.00

570.00

Part No	RTD 5700 5940 081
Groove Dimension	570.00 x 594.00 x 8.10
O Ring Size	582.68 x 7.00

580.00

Part No	RTD 5800 6040 081
Groove Dimension	580.00 x 604.00 x 8.10
O Ring Size	608.08 x 7.00

590.00

Part No	RTD 5900 6140 081
Groove Dimension	590.00 x 614.00 x 8.10
O Ring Size	608.08 x 7.00

600.00

Part No	RTD 6000 6240 081
Groove Dimension	600.00 x 624.00 x 8.10
O Ring Size	608.08 x 7.00

610.00

Part No	RTD 6100 6340 081
Groove Dimension	610.00 x 634.00 x 8.10
O Ring Size	633.48 x 7.00

620.00

Part No	RTD 6200 6440 081
Groove Dimension	620.00 x 644.00 x 8.10
O Ring Size	633.48 x 7.00

630.00

Part No	RTD 6300 6540 081
Groove Dimension	630.00 x 654.00 x 8.10
O Ring Size	658.88 x 7.00

640.00

Part No	RTD 6400 6640 081
Groove Dimension	640.00 x 664.00 x 8.10
O Ring Size	658.88 x 7.00

650.00

Part No	RTD 6500 6773 095
Groove Dimension	650.00 x 677.30 x 9.50
O Ring Size	663.00 x 8.40

660.00

Part No	RTD 6600 6873 095
Groove Dimension	660.00 x 687.30 x 9.50
O Ring Size	673.00 x 8.40

670.00

Part No	RTD 6700 6973 095
Groove Dimension	670.00 x 697.30 x 9.50
O Ring Size	683.00 x 8.40

680.00

Part No	RTD 6800 7073 095
Groove Dimension	680.00 x 707.30 x 9.50
O Ring Size	693.00 x 8.40

688.00

Part No	RTD 6880 7153 095
Groove Dimension	688.00 x 715.30 x 9.50
O Ring Size	701.00 x 8.40

690.00

Part No	RTD 6900 7173 095
Groove Dimension	690.00 x 717.30 x 9.50
O Ring Size	703.00 x 8.40

700.00

Part No	RTD 7000 7240 081
Groove Dimension	700.00 x 724.00 x 8.10
O Ring Size	712.00 x 7.00

710.00

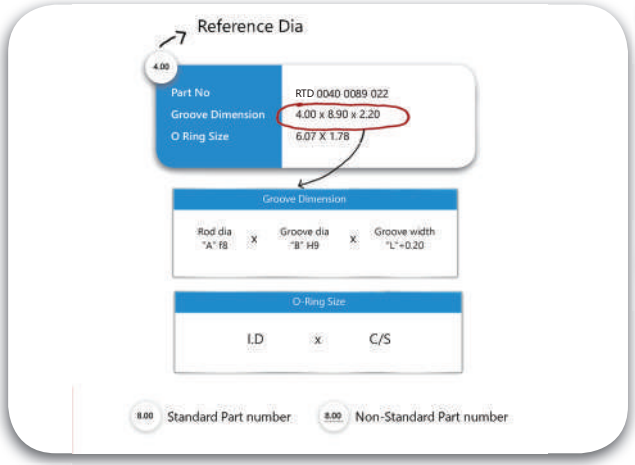
Part No	RTD 7100 7373 095
Groove Dimension	710.00 x 737.30 x 9.50
O Ring Size	723.00 x 8.40

740.00

Part No	RTD 7400 7673 095
Groove Dimension	740.00 x 767.30 x 9.50
O Ring Size	753.00 x 8.40

760.00

Part No	RTD 7600 7840 081
Groove Dimension	760.00 x 784.00 x 8.10
O Ring Size	772.00 x 7.00



770.00

Part No	RTD 7700 7973 095
Groove Dimension	770.00 x 797.30 x 9.50
O Ring Size	783.00 x 8.40

800.00

Part No	RTD 8000 8273 095
Groove Dimension	800.00 x 827.30 x 9.50
O Ring Size	813.00 x 8.40

850.00

Part No	RTD 8500 8830 095
Groove Dimension	850.00 x 883.00 x 9.50
O Ring Size	863.00 x 8.40

870.00

Part No	RTD 8700 8973 095
Groove Dimension	870.00 x 897.30 x 9.50
O Ring Size	883.00 x 8.40

900.00

Part No	RTD 9000 9273 095
Groove Dimension	900.00 x 927.30 x 9.50
O Ring Size	913.00 x 8.40

910.00

Part No	RTD 9100 9373 095
Groove Dimension	910.00 x 937.30 x 9.50
O Ring Size	923.00 x 8.40

950.00

Part No	RTD 9500 9773 095
Groove Dimension	950.00 x 977.30 x 9.50
O Ring Size	963.00 x 8.40

960.00

Part No	RTD 9600 9873 095
Groove Dimension	960.00 x 987.30 x 9.50
O Ring Size	973.00 x 8.40

1000

Part No	RTDX1000 1027 095
Groove Dimension	1000.00 x 1027.00 x 9.50
O Ring Size	1013.00 x 8.40

1000

Part No	RTDX1000 1038 138
Groove Dimension	1000.00 x1038.00 x 13.80
O Ring Size	1016.00 x 12.00

1050

Part No	RTDX1050 1077 095
Groove Dimension	1050.00 x 1077.00 x 9.50
O Ring Size	1063.00 x 8.40

1050

Part No	RTDX1050 1088 138
Groove Dimension	1050.00 x 1088.00 x 13.80
O Ring Size	1066.00 x 12.00

1100

Part No	RTDX1100 1138 138
Groove Dimension	1100.00 x 1138.00 x13.80
O Ring Size	1116.00 x 12.00

1160

Part No	RTDX1160 1187 095
Groove Dimension	1160.00 x 1187.00 x 9.50
O Ring Size	1173.00 x 8.40

1200

Part No	RTDX1200 1227 095
Groove Dimension	1200.00 x 1277.00 x 9.50
O Ring Size	1213.00 x 8.40

1200

Part No	RTDX1200 1238 138
Groove Dimension	1200.00 x1238.00 x13.80
O Ring Size	1216.00 x 12.00

1300

Part No	RTDX1300 1327 095
Groove Dimension	1300.00 x1327.00 x 9.50
O Ring Size	1313.00 x 8.40

1300

Part No	RTDX1300 1338 138
Groove Dimension	1300.00 x1338.00 x 13.80
O Ring Size	1316.00 x 12.00

1500

Part No	RTDX1500 1527 095
Groove Dimension	1500.00 x1527.00 x 9.50
O Ring Size	1513.00 x 8.40

1500

Part No	RTDX1500 1538 138
Groove Dimension	1500.00 x1538.00 x13.80
O Ring Size	1516.00 x 12.00

1600

Part No	RTDX1600 1638 138
Groove Dimension	1600.00 x 1638.00 x13.80
O Ring Size	1616.00 x 12.00

2000

Part No	RTDX2000 2038 138
Groove Dimension	2000.00 x2038.00 x 13.80
O Ring Size	2016.00 x 12.00

26000

Part No	RTDX2600 2638 138
Groove Dimension	2600.00 x 2638.00 x13.80
O Ring Size	2616.00 x 12.00

TRIADA

RES

Rod Seals

#SealingExcellence






Description

The RES Seal is a unidirectional seal and composed of two elements. The U-Shaped dynamic seal is a ring in TRIALON® (filled PTFE) while the energizer is a cantilever or helical or slant coil spring. Depending on the application, media, cycle speed etc., the PTFE compound is selected. Lesser area of contact offers reduced wear, thus increasing the life of the Seal.



Diameter Range	Ø3.00 – Ø1500.00
Standard material	TRIALON® T415/T417 (Bronze / Carbon Filled PTFE) with Stainless Steel Cantilever Spring.
Temperature(°C)	-70° C to 260° C
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air, Chemical & Gases etc depending on Seal Compounds selected.
Pressure	≤ 2000 bar

Material Details

Sealing material	Sealing Material Code	Spring Material Code	Spring Type Code
TRIALON® Bronze Filled PTFE	T415	S Stainless Steel	C Cantilever
TRIALON® CarbonFilled PTFE	T417	H Hastelloy	L Helical
		E Elgiloy	T Slant coil

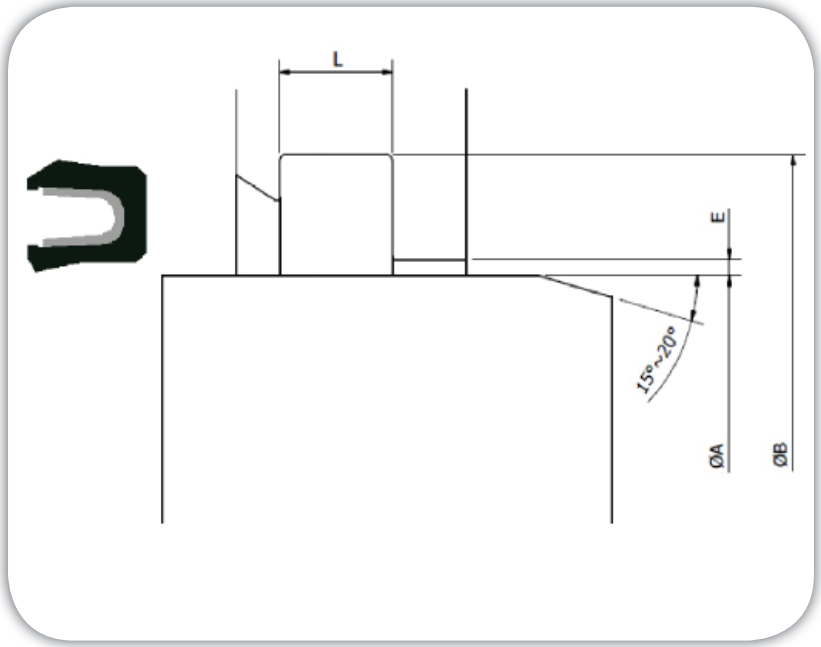
Nomenclature

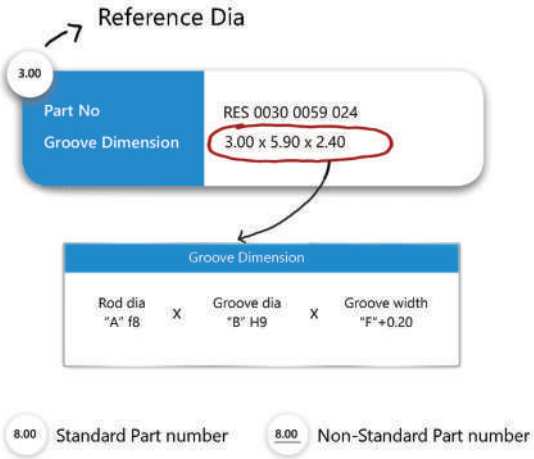
Part No	RES	0480	0574	071	T415	S	H
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code	Spring material Code	Spring type Code



Groove Details

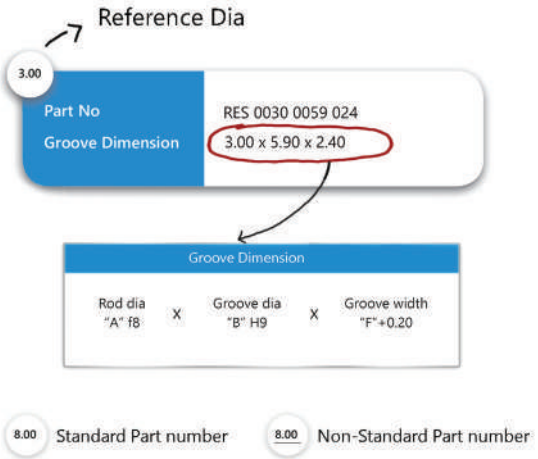
Rod Diameter "A" f8	Radial Clearance "E" Max			
Satandard Range	<20bar	<100bar	<200bar	<400bar
6.00 - 13.90	0.20	0.10	0.08	0.05
14.00 - 24.90	0.25	0.15	0.10	0.07
25.00 - 45.90	0.35	0.20	0.15	0.08
46.00 - 124.90	0.50	0.25	0.20	0.10
125.00 - 999.90	0.60	0.30	0.25	0.12
1000.00 - 2700.00	0.90	0.50	0.40	0.20





3.00	Part No	RES 0030 0059 024
	Groove Dimension	3.00 x 5.90 x 2.40
4.00	Part No	RES 0040 0069 024
	Groove Dimension	4.00 x 6.90 x 2.40
5.00	Part No	RES 0050 0079 024
	Groove Dimension	5.00 x 7.90 x 2.40
6.00	Part No	RES 0060 0089 024
	Groove Dimension	6.00 x 8.90 x 2.40
8.00	Part No	RES 0080 0109 024
	Groove Dimension	8.00 x 10.90 x 2.40
10.00	Part No	RES 0100 0145 036
	Groove Dimension	10.00 x 14.50 x 3.60
12.00	Part No	RES 0120 0165 036
	Groove Dimension	12.00 x 16.50 x 3.60
14.00	Part No	RES 0140 0185 036
	Groove Dimension	14.00 x 18.50 x 3.60
15.00	Part No	RES 0150 0195 036
	Groove Dimension	15.00 x 19.50 x 3.60
16.00	Part No	RES 0160 0205 036
	Groove Dimension	16.00 x 20.50 x 3.60
18.00	Part No	RES 0180 0225 036
	Groove Dimension	18.00 x 22.50 x 3.60
20.00	Part No	RES 0200 0262 048
	Groove Dimension	20.00 x 26.20 x 4.80
30.00	Part No	RES 0300 0362 048
	Groove Dimension	30.00 x 36.20 x 4.80
32.00	Part No	RES 0320 0382 048
	Groove Dimension	32.00 x 38.20 x 4.80
35.00	Part No	RES 0350 0412 048
	Groove Dimension	35.00 x 41.20 x 4.80
36.00	Part No	RES 0360 0422 048
	Groove Dimension	36.00 x 42.20 x 4.80
40.00	Part No	RES 0400 0494 071
	Groove Dimension	40.00 x 49.40 x 7.10
42.00	Part No	RES 0420 0514 071
	Groove Dimension	42.00 x 51.40 x 7.10

45.00	Part No	RES 0450 0544 071
	Groove Dimension	45.00 x 54.40 x 7.10
48.00	Part No	RES 0480 0574 071
	Groove Dimension	48.00 x 57.40 x 7.10
50.00	Part No	RES 0500 0594 071
	Groove Dimension	50.00 x 59.40 x 7.10
52.00	Part No	RES 0520 0614 071
	Groove Dimension	52.00 x 61.40 x 7.10
55.00	Part No	RES 0550 0644 071
	Groove Dimension	55.00 x 64.40 x 7.10
56.00	Part No	RES 0560 0654 071
	Groove Dimension	56.00 x 65.40 x 7.10
60.00	Part No	RES 0600 0694 071
	Groove Dimension	60.00 x 69.40 x 7.10
63.00	Part No	RES 0630 0724 071
	Groove Dimension	63.00 x 72.40 x 7.10
65.00	Part No	RES 0650 0744 071
	Groove Dimension	65.00 x 74.40 x 7.10
70.00	Part No	RES 0700 0794 071
	Groove Dimension	70.00 x 79.40 x 7.10
75.00	Part No	RES 0750 0844 071
	Groove Dimension	75.00 x 84.40 x 7.10
80.00	Part No	RES 0800 0894 071
	Groove Dimension	80.00 x 89.40 x 7.10
85.00	Part No	RES 0850 0944 071
	Groove Dimension	85.00 x 94.40 x 7.10
90.00	Part No	RES 0900 0994 071
	Groove Dimension	90.00 x 99.40 x 7.10
95.00	Part No	RES 0950 1044 071
	Groove Dimension	95.00 x 104.40 x 7.10
100.00	Part No	RES 1000 1094 071
	Groove Dimension	100.00 x 109.40 x 7.10
105.00	Part No	RES 1050 1144 071
	Groove Dimension	105.00 x 114.40 x 7.10
110.00	Part No	RES 1100 1194 071
	Groove Dimension	110.00 x 119.40 x 7.10
115.00	Part No	RES 1150 1244 071
	Groove Dimension	115.00 x 124.40 x 7.10
120.00	Part No	RES 1200 1322 095
	Groove Dimension	120.00 x 132.20 x 9.50
125.00	Part No	RES 1250 1372 095
	Groove Dimension	125.00 x 137.20 x 9.50



130.00
Part No RES 1300 1422 095
Groove Dimension 130.00 x 142.20 x 9.50

135.00
Part No RES 1350 1472 095
Groove Dimension 135.00 x 147.20 x 9.50

140.00
Part No RES 1400 1522 095
Groove Dimension 140.00 x 152.20 x 9.50

150.00
Part No RES 1500 1622 095
Groove Dimension 150.00 x 162.20 x 9.50

160.00
Part No RES 1600 1722 095
Groove Dimension 160.00 x 172.20 x 9.50

170.00
Part No RES 1700 1822 095
Groove Dimension 170.00 x 182.20 x 9.50

180.00
Part No RES 1800 1922 095
Groove Dimension 180.00 x 192.20 x 9.50

190.00
Part No RES 1900 2022 095
Groove Dimension 190.00 x 202.20 x 9.50

200.00
Part No RES 2000 2122 095
Groove Dimension 200.00 x 212.20 x 9.50

210.00
Part No RES 2100 2222 095
Groove Dimension 210.00 x 222.20 x 9.50

220.00
Part No RES 2200 2322 095
Groove Dimension 220.00 x 232.20 x 9.50

230.00
Part No RES 2300 2422 095
Groove Dimension 230.00 x 242.20 x 9.50

240.00
Part No RES 2400 2522 095
Groove Dimension 240.00 x 252.20 x 9.50

250.00
Part No RES 2500 2622 095
Groove Dimension 250.00 x 262.20 x 9.50

280.00
Part No RES 2800 2922 095
Groove Dimension 280.00 x 292.20 x 9.50

300.00
Part No RES 3000 3122 095
Groove Dimension 300.00 x 312.20 x 9.50

320.00
Part No RES 3200 3322 095
Groove Dimension 320.00 x 332.20 x 9.50

350.00
Part No RES 3500 3622 095
Groove Dimension 350.00 x 362.20 x 9.50

360.00

Part No	RES 3600 3722 095
Groove Dimension	360.00 x 372.20 x 9.50

400.00

Part No	RES 4000 4122 095
Groove Dimension	400.00 x 412.20 x 9.50

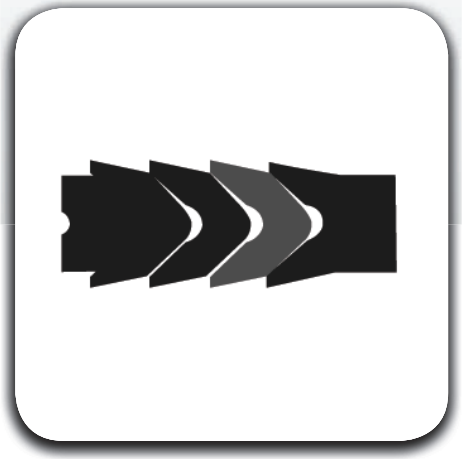
TRIADA

RHC3

Rod Seals

#SealingExcellence



Description

The RHC3 Seal is similar to RHC seal with extra V Rings for high sealing efficiency and it is also a single acting Rod seal consist of a rugged central element in TRIAFLEX® (NBR) with fabric reinforcement, performing the main sealing function and to avoid the extrusion it is again supported by two cotton fabric reinforced TRIAFLEX® Ring. To ensure a uniform preload of the seal the expander made of TRIAMIDE® (POM) is being used at the front which is again supported by TRIAFLEX® material.

Diameter Range	Ø20.00 – Ø280.00
Standard material	V-Ring is of TRIAFLEX® T571(NBR), Spreader Ring is of TRIAFLEX® T543(compounded with cotton fabric), Base Ring is TRIAMIDE®
Temperature(°C)	-30° C to 200° C (Based on Elastomer Material)
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	≤ 400 bar

Reciprocating | oscillating | Rotary | Helix | Static | Single Acting | Double Acting

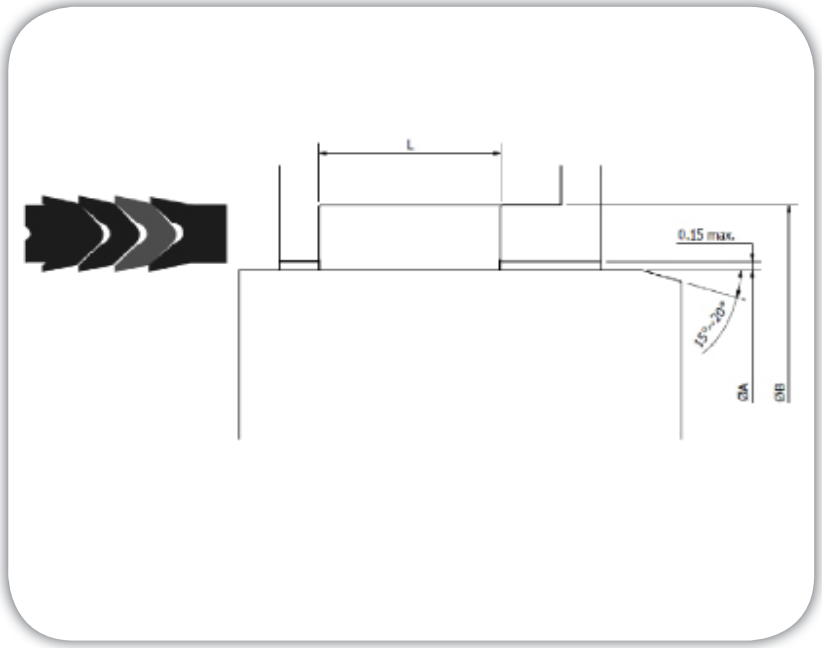
Material Details

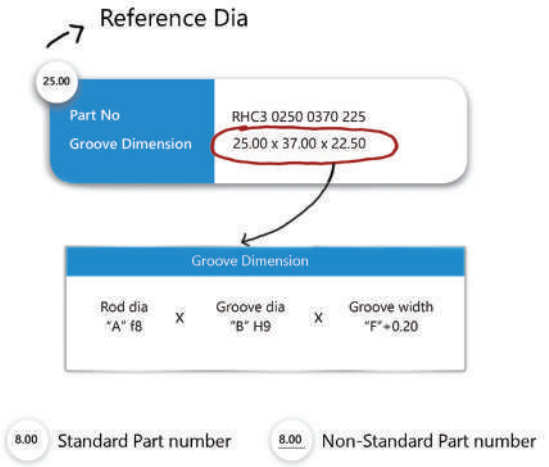
V-Ring Material	Material Code	Spreader Ring Material	Base Ring material
TRIAFLEX® T571 NBR 70	CXN	TRIAFLEX® T543 compounded with cotton fabric	TRIAMIDE® T485 Poly-Oxy Methylene
TRIAFLEX® T675 FKM 70	CXF		

Nomenclature

Part No	RHC3	1000	1150	300	CXN
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code







25.00

Part No	RHC3 0250 0370 225
Groove Dimension	25.00 x 37.00 x 22.50

25.00

Part No	RHC3 0250 0400 225
Groove Dimension	25.00 x 40.00 x 22.50

28.00

Part No	RHC3 0280 0400 225
Groove Dimension	28.00 x 40.00 x 22.50

30.00

Part No	RHC3 0300 0450 225
Groove Dimension	30.00 x 45.00 x 22.50

36.00

Part No	RHC3 0360 0480 225
Groove Dimension	36.00 x 48.00 x 22.50

40.00

Part No	RHC3 0400 0550 225
Groove Dimension	40.00 x 55.00 x 22.50

45.00

Part No	RHC3 0450 0600 225
Groove Dimension	45.00 x 60.00 x 22.50

45.00

Part No	RHC3 0450 0650 275
Groove Dimension	45.00 x 65.00 x 27.50

50.00

Part No	RHC3 0500 0650 225
Groove Dimension	50.00 x 65.00 x 22.50

56.00

Part No	RHC3 0560 0710 225
Groove Dimension	56.00 x 71.00 x 22.50

60.00

Part No	RHC3 0600 0800 370
Groove Dimension	60.00 x 80.00 x 37.00

65.00

Part No	RHC3 0650 0850 400
Groove Dimension	65.00 x 85.00 x 40.00

70.00

Part No	RHC3 0700 0850 225
Groove Dimension	70.00 x 85.00 x 22.50

70.00

Part No	RHC3 0700 0900 400
Groove Dimension	70.00 x 90.00 x 40.00

75.00

Part No	RHC3 0750 0900 225
Groove Dimension	75.00 x 90.00 x 22.50

80.00

Part No	RHC3 0800 0950 225
Groove Dimension	80.00 x 95.00 x 22.50

80.00

Part No	RHC3 0800 1000 400
Groove Dimension	80.00 x 100.00 x 40.00

85.00

Part No	RHC3 0850 1000 225
Groove Dimension	85.00 x 100.00 x 22.50

90.00

Part No	RHC3 0900 1050 225
Groove Dimension	90.00 x 105.00 x 22.50

100.00

Part No	RHC3 1000 1200 400
Groove Dimension	100.00 x 120.00 x 40.00

120.00

Part No	RHC3 1200 1450 500
Groove Dimension	120.00 x 145.00 x 50.00

140.00

Part No	RHC3 1400 1550 340
Groove Dimension	140.00 x 155.00 x 34.00

160.00

Part No	RHC3 1600 1900 600
Groove Dimension	160.00 x 190.00 x 60.00

90.00

Part No	RHC3 0900 1100 400
Groove Dimension	90.00 x 110.00 x 40.00

110.00

Part No	RHC3 1100 1250 300
Groove Dimension	110.00 x 125.00 x 30.00

125.00

Part No	RHC3 1250 1400 340
Groove Dimension	125.00 x 140.00 x 34.00

140.00

Part No	RHC3 1400 1650 460
Groove Dimension	140.00 x 165.00 x 46.00

100.00

Part No	RHC3 1000 1150 300
Groove Dimension	100.00 x 115.00 x 30.00

110.00

Part No	RHC3 1100 1300 400
Groove Dimension	110.00 x 130.00 x 40.00

125.00

Part No	RHC3 1250 1500 460
Groove Dimension	125.00 x 150.00 x 46.00

160.00

Part No	RHC3 1600 1800 400
Groove Dimension	160.00 x 180.00 x 40.00

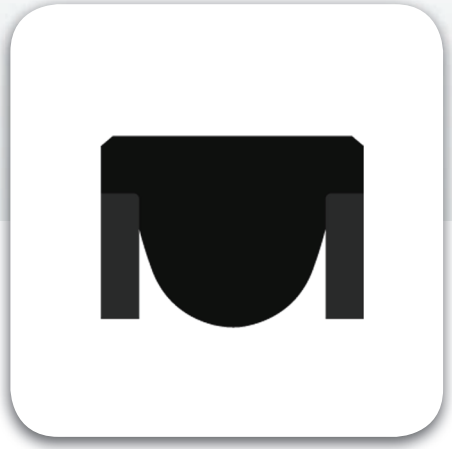
TRIADA

RST

Rod Seals

#SealingExcellence



Description

The RST is a simple Rod Seal, which is easy to assemble and finds application in light duty cylinders. It consists of a TRIAFLEX® (NBR) elastomer which acts as a main sealing element and it is supported by the two Back-up rings made of TRIAMIDE® (POM), this helps in high extrusion resistance.



Diameter Range	Ø14.00 – Ø112.00
Standard material	TRIAMIDE® T485 (POM) with Energiser in TRIAFLEX® T571(NBR 70)
Temperature(°C)	From - 30 °C to +100 °C
Speed	≤0.5 m/s
Fluids	Mineral oils (for other media please check with TRIADA® Application Engineering)
Pressure	≤ 350 bar

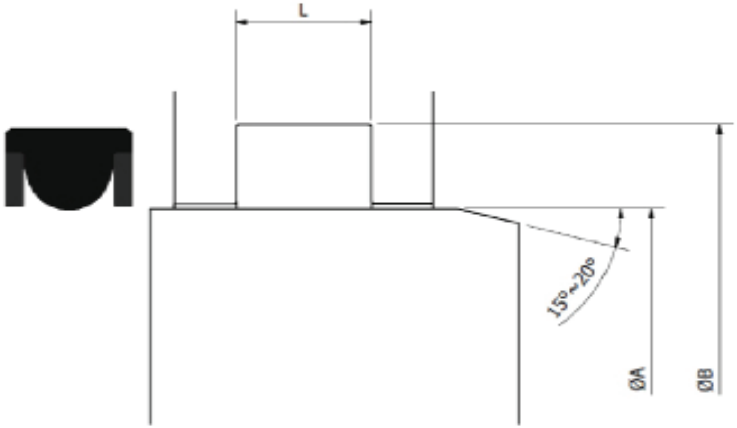
Material Details

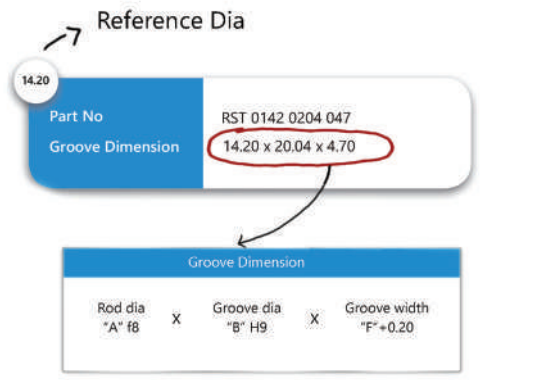
Wear ring Material	Sealing Material Code	Elastomer material	Elastomer material Code
TRIAMIDE® POM	T485	TRIAFLEX® T571 NBR 70	N

Nomenclature Details

Part No	RST	1016	1109	071	T485	N
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code







14.20	
Part No	RST 0142 0204 047
Groove Dimension	14.20 x 20.40 x 4.70
15.80	
Part No	RST 0158 0220 047
Groove Dimension	15.80 x 22.00 x 4.70
17.40	
Part No	RST 0174 0235 047
Groove Dimension	17.40 x 23.50 x 4.70
19.00	
Part No	RST 0190 0251 047
Groove Dimension	19.00 x 25.10 x 4.70
22.20	
Part No	RST 0222 0283 047
Groove Dimension	22.20 x 28.30 x 4.70
25.40	
Part No	RST 0254 0315 047
Groove Dimension	25.40 x 31.50 x 4.70
31.70	
Part No	RST 0317 0378 047
Groove Dimension	31.70 x 37.80 x 4.70
34.90	
Part No	RST 0349 0410 047
Groove Dimension	34.90 x 41.10 x 4.70
38.10	
Part No	RST 0381 0442 047
Groove Dimension	38.10 x 44.20 x 4.70
41.20	
Part No	RST 0412 0506 071
Groove Dimension	41.20 x 50.60 x 7.10
44.40	
Part No	RST 0444 0538 071
Groove Dimension	44.00 x 53.80 x 7.10
50.80	
Part No	RST 0508 0601 071
Groove Dimension	50.80 x 60.10 x 7.10
57.10	
Part No	RST 0571 0665 071
Groove Dimension	57.10 x 66.50 x 7.10
63.50	
Part No	RST 0635 0728 071
Groove Dimension	63.50 x 72.80 x 7.10
69.80	
Part No	RST 0698 0792 071
Groove Dimension	69.80 x 79.20 x 7.10
76.20	
Part No	RST 0762 0855 071
Groove Dimension	76.20 x 85.50 x 7.10
88.90	
Part No	RST 0889 0982 071
Groove Dimension	88.90 x 98.20 x 7.10
101.60	
Part No	RST 1016 1109 071
Groove Dimension	101.60 x 110.90 x 7.10

111.10

Part No	RST 1111 1204 071
Groove Dimension	111.10 x 120.40 x 7.10

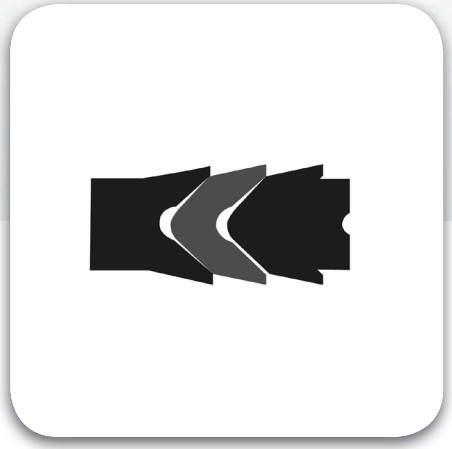
TRIADA

RHC

Rod Seals

#SealingExcellence



Description

PHC Seal is a single acting piston seal consists of a rugged central element in TRIAFLEX® (NBR) with fabric reinforcement, performing the main sealing function and to avoid the extrusion it is again supported by cotton fabric reinforced TRIAFLEX® Ring. To ensure a uniform preload of the seal the energizer made of TRIAMIDE® (POM) is being used at the front.



Diameter Range	Ø10.00 – Ø500.00
Standard material	V-Ring is of TRIAFLEX® T571(NBR), Spreader Ring is of TRIAFLEX® T543(compounded with cotton fabric), Base Ring is TRIAMIDE®
Temperature(°C)	-30° C to 200° C (Based on Elastomer Material)
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based) depending on Seal Compounds selected.
Pressure	≤ 400 bar

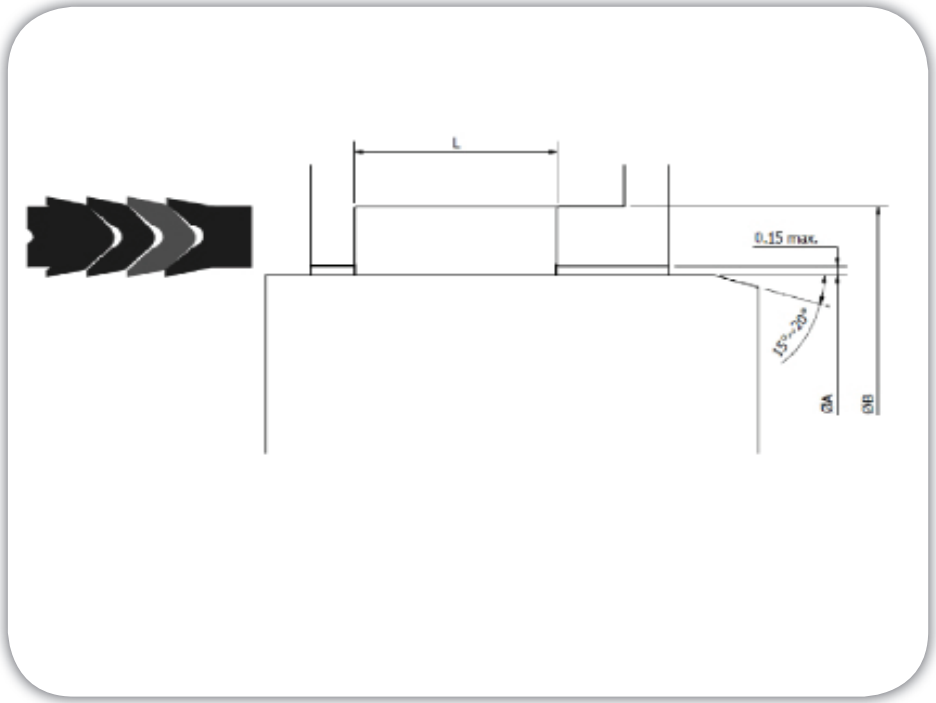
Material Details

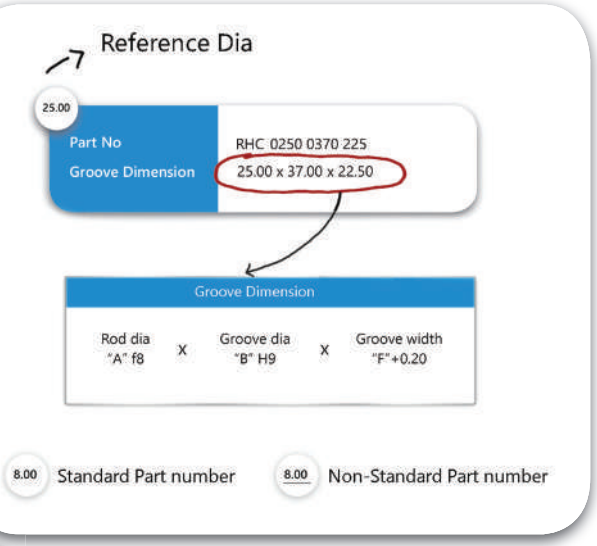
V-Ring Material	Material Code	Spreader Ring Material	Base Ring material
TRIAFLEX® T571 NBR 70	CXN	TRIAFLEX® T543 compounded with cotton fabric	TRIAMIDE® T485 Poly-Oxy Methylene
TRIAFLEX® T675 FKM 70	CXF		

Nomenclature

Part No	RHC	1000	1150	253	CXN
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code







20.00	Part No	RHC 0200 0315 175
	Groove Dimension	20.00 x 31.50 x 17.50
20.00	Part No	RHC 0200 0360 240
	Groove Dimension	20.00 x 36.00 x 24.00
25.00	Part No	RHC 0250 0400 198
	Groove Dimension	25.00 x 40.00 x 19.80
25.40	Part No	RHC 0254 0381 194
	Groove Dimension	25.40 x 38.10 x 19.40

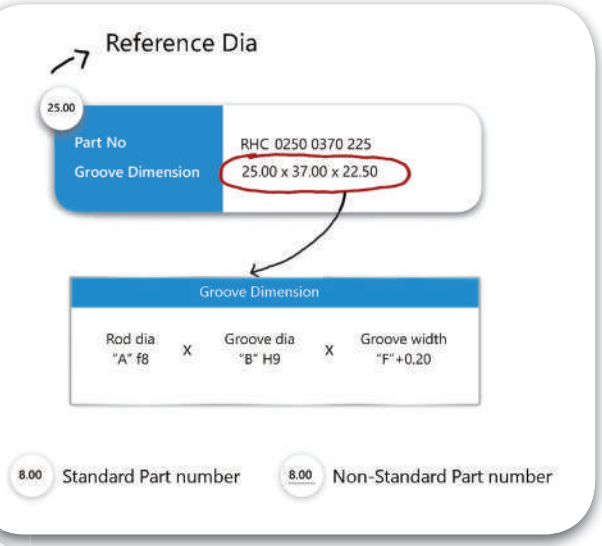
10.00	Part No	RHC 0100 0200 110
	Groove Dimension	10.00 x 20.00 x 11.00
12.70	Part No	RHC 0127 0254 190
	Groove Dimension	12.70 x 25.40 x 19.00
18.00	Part No	RHC 0180 0310 143
	Groove Dimension	18.00 x 31.00 x 14.30
20.00	Part No	RHC 0200 0320 182
	Groove Dimension	20.00 x 32.00 x 18.20
22.00	Part No	RHC 0220 0320 181
	Groove Dimension	22.00 x 32.00 x 18.10
25.00	Part No	RHC 0250 0420 254
	Groove Dimension	25.00 x 42.00 x 25.40
26.00	Part No	RHC 0260 0450 293
	Groove Dimension	26.00 x 45.00 x 29.30

12.00	Part No	RHC 0120 0250 143
	Groove Dimension	12.00 x 25.00 x 14.30
16.00	Part No	RHC 0160 0290 143
	Groove Dimension	16.00 x 29.00 x 14.30
20.00	Part No	RHC 0200 0300 215
	Groove Dimension	20.00 x 30.00 x 21.50
20.00	Part No	RHC 0200 0330 143
	Groove Dimension	20.00 x 33.00 x 14.30
25.00	Part No	RHC 0250 0350 173
	Groove Dimension	25.00 x 35.00 x 17.30
25.00	Part No	RHC 0250 0450 254
	Groove Dimension	25.00 x 45.00 x 25.40
28.00	Part No	RHC 0280 0400 170
	Groove Dimension	28.00 x 40.00 x 17.00

28.50	Part No	RHC 0285 0412 198
	Groove Dimension	28.50 x 41.20 x 19.80
30.00	Part No	RHC 0300 0450 222
	Groove Dimension	30.00 x 45.00 x 22.20
32.00	Part No	RHC 0320 0420 173
	Groove Dimension	32.00 x 42.00 x 17.30
35.00	Part No	RHC 0350 0450 217
	Groove Dimension	35.00 x 45.00 x 21.70
36.00	Part No	RHC 0360 0520 176
	Groove Dimension	36.00 x 52.00 x 17.60
38.10	Part No	RHC 0381 0539 252
	Groove Dimension	38.10 x 53.90 x 25.20
39.00	Part No	RHC 0390 0550 254
	Groove Dimension	39.00 x 55.00 x 25.40

30.00	Part No	RHC 0300 0400 218
	Groove Dimension	30.00 x 40.00 x 21.80
30.00	Part No	RHC 0300 0500 293
	Groove Dimension	30.00 x 50.00 x 29.30
32.00	Part No	RHC 0320 0480 176
	Groove Dimension	32.00 x 48.00 x 17.60
35.00	Part No	RHC 0350 0500 225
	Groove Dimension	35.00 x 50.00 x 22.50
38.00	Part No	RHC 0380 0550 280
	Groove Dimension	38.00 x 55.00 x 28.00
38.10	Part No	RHC 0381 0539 277
	Groove Dimension	38.10 x 53.90 x 27.70
40.00	Part No	RHC 0400 0500 173
	Groove Dimension	40.00 x 50.00 x 17.30

30.00	Part No	RHC 0300 0420 200
	Groove Dimension	30.00 x 42.00 x 20.00
31.70	Part No	RHC 0317 0444 190
	Groove Dimension	31.70 x 44.40 x 19.00
34.90	Part No	RHC 0349 0508 242
	Groove Dimension	34.90 x 50.80 x 24.20
36.00	Part No	RHC 0360 0510 240
	Groove Dimension	36.00 x 51.00 x 24.00
38.10	Part No	RHC 0381 0508 194
	Groove Dimension	38.10 x 50.80 x 19.40
38.10	Part No	RHC 0381 0571 287
	Groove Dimension	38.10 x 57.10 x 28.70
40.00	Part No	RHC 0400 0550 226
	Groove Dimension	40.00 x 55.00 x 22.60



44.40
Part No RHC 0444 0603 278
Groove Dimension 44.40 x 60.30 x 27.80

45.00
Part No RHC 0450 0650 280
Groove Dimension 45.00 x 65.00 x 28.00

50.00
Part No RHC 0500 0650 246
Groove Dimension 50.00 x 65.00 x 24.60

50.00
Part No RHC 0500 0700 300
Groove Dimension 50.00 x 70.00 x 30.00

40.00
Part No RHC 0400 0550 226
Groove Dimension 40.00 x 55.00 x 22.60

40.00
Part No RHC 0400 0560 176
Groove Dimension 40.00 x 56.00 x 17.60

40.00
Part No RHC 0400 0650 357
Groove Dimension 40.00 x 65.00 x 35.70

45.00
Part No RHC 0450 0550 175
Groove Dimension 45.00 x 55.00 x 17.50

48.00
Part No RHC 0480 0600 250
Groove Dimension 48.00 x 60.00 x 25.00

50.00
Part No RHC 0500 0650 260
Groove Dimension 50.00 x 65.00 x 26.00

50.80
Part No RHC 0508 0635 198
Groove Dimension 50.80 x 63.50 x 19.80

40.00
Part No RHC 0400 0550 261
Groove Dimension 40.00 x 55.00 x 26.10

40.00
Part No RHC 0400 0600 300
Groove Dimension 40.00 x 60.00 x 30.00

44.40
Part No RHC 0444 0571 218
Groove Dimension 44.40 x 57.10 x 21.80

45.00
Part No RHC 0450 0600 222
Groove Dimension 45.00 x 60.00 x 22.20

48.00
Part No RHC 0480 0620 222
Groove Dimension 48.00 x 62.00 x 22.20

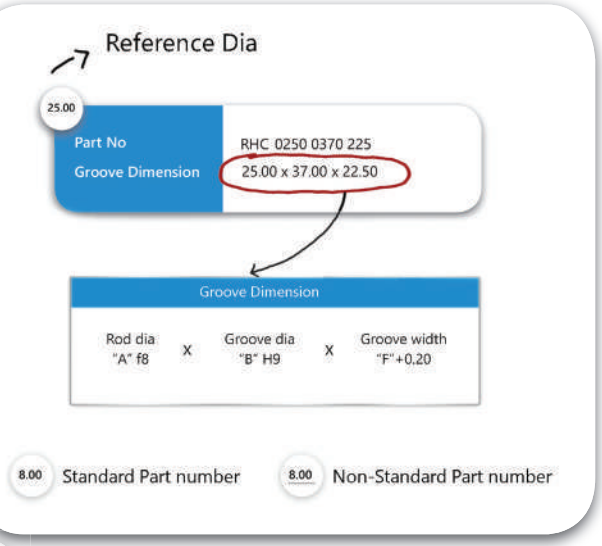
50.00
Part No RHC 0500 0700 219
Groove Dimension 50.00 x 70.00 x 21.90

50.80
Part No RHC 0508 0666 230
Groove Dimension 50.80 x 66.60 x 23.00

50.80	Part No	RHC 0508 0666 252
	Groove Dimension	50.80 x 66.60 x 25.20
52.00	Part No	RHC 0520 0720 325
	Groove Dimension	52.00 x 72.00 x 32.50
55.00	Part No	RHC 0550 0670 250
	Groove Dimension	55.00 x 67.00 x 25.00
55.00	Part No	RHC 0550 0750 385
	Groove Dimension	55.00 x 75.00 x 38.50
56.00	Part No	RHC 0560 0760 219
	Groove Dimension	56.00 x 76.00 x 21.90
57.10	Part No	RHC 0571 0730 277
	Groove Dimension	57.10 x 73.00 x 27.70
60.00	Part No	RHC 0600 0760 290
	Groove Dimension	60.00 x 76.00 x 29.00

50.80	Part No	RHC 0508 0698 335
	Groove Dimension	50.80 x 69.80 x 33.50
53.90	Part No	RHC 0539 0635 166
	Groove Dimension	53.90 x 63.50 x 16.60
55.00	Part No	RHC 0550 0700 265
	Groove Dimension	55.00 x 70.00 x 26.50
56.00	Part No	RHC 0560 0710 172
	Groove Dimension	56.00 x 71.00 x 17.20
56.00	Part No	RHC 0560 0760 334
	Groove Dimension	56.00 x 76.00 x 33.40
57.10	Part No	RHC 0571 0762 325
	Groove Dimension	57.10 x 76.20 x 32.50
60.00	Part No	RHC 0600 0770 270
	Groove Dimension	60.00 x 77.00 x 27.00

51.00	Part No	RHC 0510 0690 280
	Groove Dimension	51.00 x 69.00 x 28.00
53.90	Part No	RHC 0539 0698 252
	Groove Dimension	53.90 x 69.80 x 25.20
55.00	Part No	RHC 0550 0750 300
	Groove Dimension	55.00 x 75.00 x 30.00
56.00	Part No	RHC 0560 0760 185
	Groove Dimension	56.00 x 76.00 x 18.50
57.10	Part No	RHC 0571 0698 190
	Groove Dimension	57.10 x 69.80 x 19.00
60.00	Part No	RHC 0600 0750 190
	Groove Dimension	60.00 x 75.00 x 19.00
60.00	Part No	RHC 0600 0800 321
	Groove Dimension	60.00 x 80.00 x 32.10



65.00	Part No	RHC 0650 0770 210
	Groove Dimension	65.00 x 77.00 x 21.00
65.00	Part No	RHC 0650 0900 300
	Groove Dimension	65.00 x 90.00 x 30.00
70.00	Part No	RHC 0700 0850 280
	Groove Dimension	70.00 x 83.00 x 28.00
73.00	Part No	RHC 0730 0889 265
	Groove Dimension	73.00 x 88.90 x 26.50

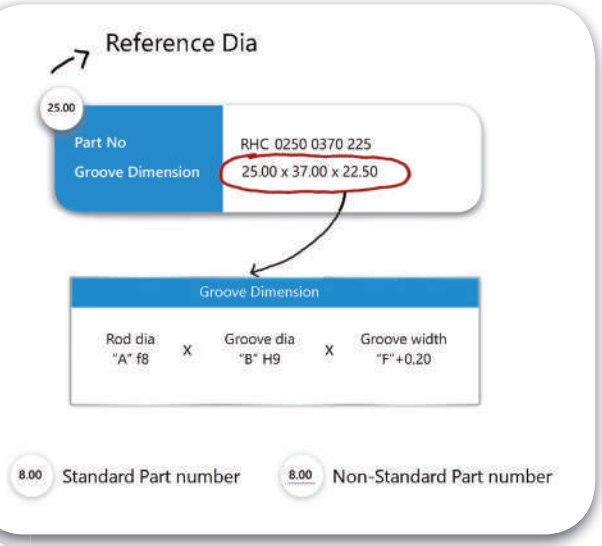
63.00	Part No	RHC 0630 0830 219
	Groove Dimension	63.00 x 83.00 x 21.90
63.50	Part No	RHC 0635 0793 238
	Groove Dimension	63.50 x 79.30 x 23.80
63.50	Part No	RHC 0635 0825 265
	Groove Dimension	63.50 x 82.50 x 26.50
65.00	Part No	RHC 0650 0800 260
	Groove Dimension	65.00 x 80.00 x 26.00
69.80	Part No	RHC 0698 0889 254
	Groove Dimension	69.80 x 88.90 x 25.40
70.00	Part No	RHC 0700 0900 219
	Groove Dimension	70.00 x 90.00 x 21.90
75.00	Part No	RHC 0750 0900 225
	Groove Dimension	75.00 x 90.00 x 22.50

63.50	Part No	RHC 0635 0762 182
	Groove Dimension	63.50 x 76.20 x 18.20
63.50	Part No	RHC 0635 0800 280
	Groove Dimension	63.50 x 80.00 x 28.00
64.00	Part No	RHC 0640 0800 256
	Groove Dimension	64.00 x 80.00 x 25.60
65.00	Part No	RHC 0650 0850 290
	Groove Dimension	65.00 x 85.00 x 29.00
70.00	Part No	RHC 0700 0830 250
	Groove Dimension	70.00 x 83.00 x 25.00
70.00	Part No	RHC 0700 0900 300
	Groove Dimension	70.00 x 90.00 x 30.00
75.00	Part No	RHC 0750 0950 300
	Groove Dimension	75.00 x 95.00 x 30.00

75.00	Part No	RHC 0750 1000 300
	Groove Dimension	75.00 x 100.00 x 30.00
80.00	Part No	RHC 0800 0950 175
	Groove Dimension	80.00 x 95.00 x 17.50
82.50	Part No	RHC 0825 1016 289
	Groove Dimension	82.50 x 101.60 x 28.90
88.90	Part No	RHC 0889 1016 170
	Groove Dimension	88.90 x 101.60 x 17.00
90.00	Part No	RHC 0900 1100 250
	Groove Dimension	90.00 x 110.00 x 25.00
95.00	Part No	RHC 0950 1100 240
	Groove Dimension	95.00 x 110.00 x 24.00
98.40	Part No	RHC 0984 1238 369
	Groove Dimension	98.40 x 123.80 x 36.90

76.20	Part No	RHC 0762 0889 162
	Groove Dimension	76.20 x 88.90 x 16.20
80.00	Part No	RHC 0800 1000 300
	Groove Dimension	80.00 x 100.00 x 30.00
85.00	Part No	RHC 0850 1000 173
	Groove Dimension	85.00 x 100.00 x 17.30
88.90	Part No	RHC 0889 1079 333
	Groove Dimension	88.90 x 107.90 x 33.30
90.00	Part No	RHC 0900 1100 268
	Groove Dimension	90.00 x 110.00 x 26.80
95.00	Part No	RHC 0950 1200 410
	Groove Dimension	95.00 x 120.00 x 41.00
100.00	Part No	RHC 1000 1143 206
	Groove Dimension	100.00 x 114.30 x 20.60

76.50	Part No	RHC 0765 0965 465
	Groove Dimension	76.50 x 96.50 x 46.50
80.00	Part No	RHC 0800 1050 274
	Groove Dimension	80.00 x 105.00 x 27.40
85.00	Part No	RHC 0850 1050 300
	Groove Dimension	85.00 x 105.00 x 30.00
90.00	Part No	RHC 0900 1050 317
	Groove Dimension	90.00 x 105.00 x 31.70
90.00	Part No	RHC 0900 1150 274
	Groove Dimension	90.00 x 115.00 x 27.40
95.20	Part No	RHC 0952 1111 243
	Groove Dimension	95.20 x 111.10 x 24.30
100.00	Part No	RHC 1000 1150 253
	Groove Dimension	100.00 x 115.00 x 25.30



105.00

Part No RHC 1050 1350 345

Groove Dimension 105.00 x 135.00 x 34.50

110.00

Part No RHC 1100 1350 415

Groove Dimension 110.00 x 135.00 x 41.50

114.00

Part No RHC 1140 1300 258

Groove Dimension 114.00 x 130.00 x 25.80

115.00

Part No RHC 1150 1300 254

Groove Dimension 115.00 x 130.00 x 25.40

100.00

Part No RHC 1000 1200 280

Groove Dimension 100.00 x 120.00 x 28.00

100.00

Part No RHC 1000 1250 369

Groove Dimension 100.00 x 125.00 x 36.90

105.00

Part No RHC 1050 1200 250

Groove Dimension 105.00 x 120.00 x 25.00

110.00

Part No RHC 1100 1300 300

Groove Dimension 110.00 x 130.00 x 30.00

110.00

Part No RHC 1100 1400 412

Groove Dimension 110.00 x 140.00 x 41.20

114.30

Part No RHC 1143 1270 184

Groove Dimension 114.30 x 127.00 x 18.40

115.00

Part No RHC 1150 1400 371

Groove Dimension 115.00 x 140.00 x 37.10

100.00

Part No RHC 1000 1250 274

Groove Dimension 100.00 x 125.00 x 27.40

104.00

Part No RHC 1040 1300 370

Groove Dimension 104.00 x 130.00 x 37.00

105.00

Part No RHC 1050 1250 297

Groove Dimension 105.00 x 125.00 x 29.70

110.00

Part No RHC 1100 1320 365

Groove Dimension 110.00 x 132.00 x 36.50

111.10

Part No RHC 1111 1365 388

Groove Dimension 111.10 x 136.50 x 38.80

114.30

Part No RHC 1143 1333 281

Groove Dimension 114.30 x 133.30 x 28.10

117.40

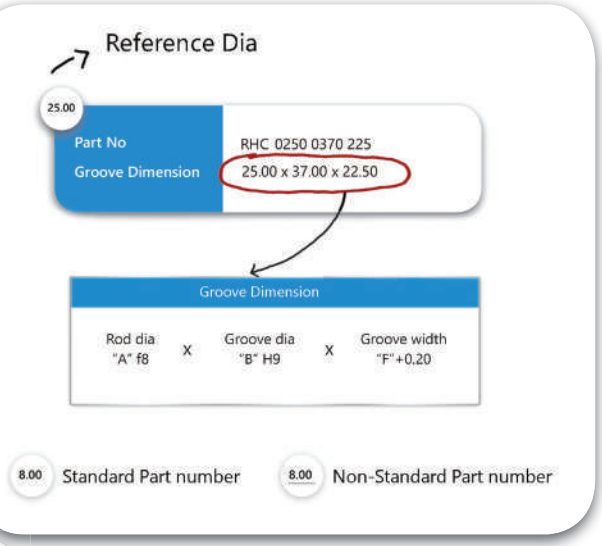
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	Groove Dimension	125.00 x 150.00 x 27.40
130.00	Part No	RHC 1300 1550 400
	Groove Dimension	130.00 x 155.00 x 40.00
135.00	Part No	RHC 1350 1600 385
	Groove Dimension	135.00 x 160.00 x 38.50
140.00	Part No	RHC 1400 1700 329
	Groove Dimension	140.00 x 170.00 x 32.90
150.00	Part No	RHC 1500 1700 305
	Groove Dimension	150.00 x 170.00 x 30.50
154.00	Part No	RHC 1540 1750 294
	Groove Dimension	154.00 x 175.00 x 29.40

120.00	Part No	RHC 1200 1400 300
	Groove Dimension	120.00 x 140.00 x 30.00
125.00	Part No	RHC 1250 1550 345
	Groove Dimension	125.00 x 155.00 x 34.50
130.00	Part No	RHC 1300 1600 415
	Groove Dimension	130.00 x 160.00 x 41.50
140.00	Part No	RHC 1400 1600 285
	Groove Dimension	140.00 x 160.00 x 28.50
145.00	Part No	RHC 1450 1700 381
	Groove Dimension	145.00 x 170.00 x 38.10
150.00	Part No	RHC 1500 1800 400
	Groove Dimension	150.00 x 180.00 x 40.00
160.00	Part No	RHC 1600 1800 300
	Groove Dimension	160.00 x 180.00 x 30.00

120.00	Part No	RHC 1200 1450 395
	Groove Dimension	120.00 x 145.00 x 39.50
130.00	Part No	RHC 1300 1500 297
	Groove Dimension	130.00 x 150.00 x 29.70
135.00	Part No	RHC 1350 1550 305
	Groove Dimension	135.00 x 155.00 x 30.50
140.00	Part No	RHC 1400 1650 419
	Groove Dimension	140.00 x 165.00 x 41.90
146.00	Part No	RHC 1460 1714 388
	Groove Dimension	146.00 x 171.40 x 38.80
152.40	Part No	RHC 1524 1778 333
	Groove Dimension	152.40 x 177.80 x 33.30
160.00	Part No	RHC 1600 1900 329
	Groove Dimension	160.00 x 190.00 x 32.90



187.30	Part No	RHC 1873 2000 217
	Groove Dimension	187.30 x 200.00 x 21.70
200.00	Part No	RHC 2000 2300 329
	Groove Dimension	200.00 x 230.00 x 32.90
220.00	Part No	RHC 2200 2500 520
	Groove Dimension	220.00 x 250.00 x 52.0
240.00	Part No	RHC 2400 2700 450
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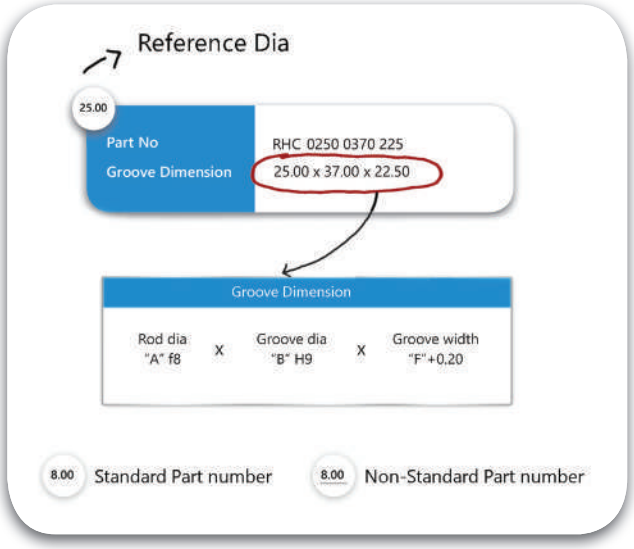
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171.40	Part No	RHC 1714 1873 242
	Groove Dimension	171.40 x 187.30 x 24.20
175.00	Part No	RHC 1750 2000 420
	Groove Dimension	175.00 x 200.00 x 42.00
190.00	Part No	RHC 1900 2200 300
	Groove Dimension	190.00 x 220.00 x 30.00
210.00	Part No	RHC 2100 2400 345
	Groove Dimension	210.00 x 240.00 x 34.50
228.60	Part No	RHC 2286 2540 381
	Groove Dimension	228.60 x 254.00 x 38.10
250.00	Part No	RHC 2500 2800 400
	Groove Dimension	250.00 x 280.00 x 40.00

170.00	Part No	RHC 1700 2000 500
	Groove Dimension	170.00 x 200.00 x 50.00
175.00	Part No	RHC 1750 1900 250
	Groove Dimension	175.00 x 190.00 x 25.00
177.80	Part No	RHC 1778 2032 325
	Groove Dimension	177.80 x 203.20 x 32.50
200.00	Part No	RHC 2000 2200 300
	Groove Dimension	200.00 x 220.00 x 30.00
210.00	Part No	RHC 2100 2400 421
	Groove Dimension	210.00 x 240.00 x 42.10
230.00	Part No	RHC 2300 2600 505
	Groove Dimension	230.00 x 260.00 x 50.50
250.00	Part No	RHC 2500 2800 505
	Groove Dimension	250.00 x 280.00 x 50.50

250.00	Part No	RHC 2500 2800 600
	Groove Dimension	250.00 x 280.00 x 60.00
270.00	Part No	RHC 2700 3000 460
	Groove Dimension	270.00 x 300.00 x 46.00
280.00	Part No	RHC 2800 3200 600
	Groove Dimension	280.00 x 320.00 x 60.00
300.00	Part No	RHC 3000 3300 520
	Groove Dimension	300.00 x 330.00 x 52.00
320.00	Part No	RHC 3200 3600 610
	Groove Dimension	320.00 x 360.00 x 61.00
350.00	Part No	RHC 3500 3900 505
	Groove Dimension	350.00 x 390.00 x 50.50
360.00	Part No	RHC 3600 4000 800
	Groove Dimension	350.00 x 400.00 x 80.00

260.00	Part No	RHC 2600 2900 515
	Groove Dimension	260.00 x 290.00 x 51.50
280.00	Part No	RHC 2800 3100 505
	Groove Dimension	280.00 x 310.00 x 50.50
290.00	Part No	RHC 2900 3200 508
	Groove Dimension	290.00 x 320.00 x 50.80
315.00	Part No	RHC 3150 3450 538
	Groove Dimension	315.00 x 345.00 x 53.80
320.00	Part No	RHC 3200 3650 550
	Groove Dimension	320.00 x 365.00 x 55.00
350.00	Part No	RHC 3500 3900 616
	Groove Dimension	350.00 x 390.00 x 61.60
380.00	Part No	RHC 3800 4200 610
	Groove Dimension	380.00 x 420.00 x 61.00

260.00	Part No	RHC 2600 3000 490
	Groove Dimension	260.00 x 300.00 x 49.00
280.00	Part No	RHC 2800 3150 384
	Groove Dimension	280.00 x 315.00 x 38.40
300.00	Part No	RHC 3000 3200 320
	Groove Dimension	300.00 x 320.00 x 32.00
315.00	Part No	RHC 3150 3500 384
	Groove Dimension	315.00 x 350.00 x 38.40
340.00	Part No	RHC 3400 3800 505
	Groove Dimension	340.00 x 380.00 x 50.50
360.00	Part No	RHC 3600 3900 390
	Groove Dimension	360.00 x 390.00 x 39.00
400.00	Part No	RHC 4000 4400 540
	Groove Dimension	400.00 x 440.00 x 54.00



400.00

Part No	RHC 4000 4400 655
Groove Dimension	400.00 x 440.00 x 65.50

420.00

Part No	RHC 4200 4600 540
Groove Dimension	420.00 x 460.00 x 54.00

450.00

Part No	RHC 4600 5000 534
Groove Dimension	460.00 x 500.00 x 53.40

410.00

Part No	RHC 4100 4500 655
Groove Dimension	410.00 x 450.00 x 65.50

450.00

Part No	RHC 4500 5000 765
Groove Dimension	450.00 x 500.00 x 76.50

500.00

Part No	RHC 5000 5500 740
Groove Dimension	500.00 x 550.00 x 74.00

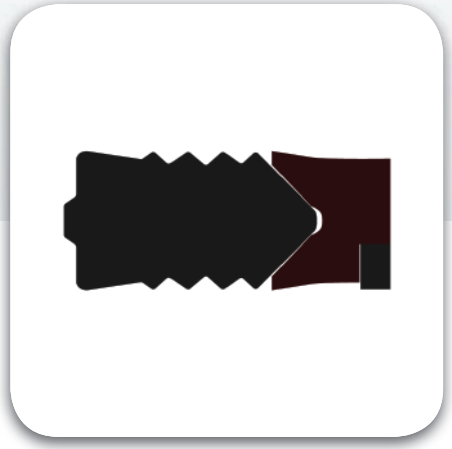
TRIADA

RSE

Rod Seals

#SealingExcellence



Description

A sturdy Rod Seal, which finds its usage in High Pressure Cylinders, as the materials used in its construction arrests any sort of extrusion possibilities. The RSE Seal is a single acting rod seal consist of a main sealing element TRIAFLEX® (NBR) elastomer with multiple lips to have a proper sealing and is supported by the rugged element in TRIAFLEX® with fabric reinforcement, performing the main sealing function and to avoid the extrusion it is again supported by TRIAMIDE® (POM) ring.



Diameter Range	Ø15.00 – Ø335.00
Standard material	TRIAFLEX® T571(NBR) Sealing Element with TRIATEX® T543(Fabric reinforced Nitrile) Support Ring and Anti-Extrusion Ring TRIAMIDE® T485
Temperature(°C)	-30° C to 110° C
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based) depending on Seal Compounds selected.
Pressure	< 700 bar

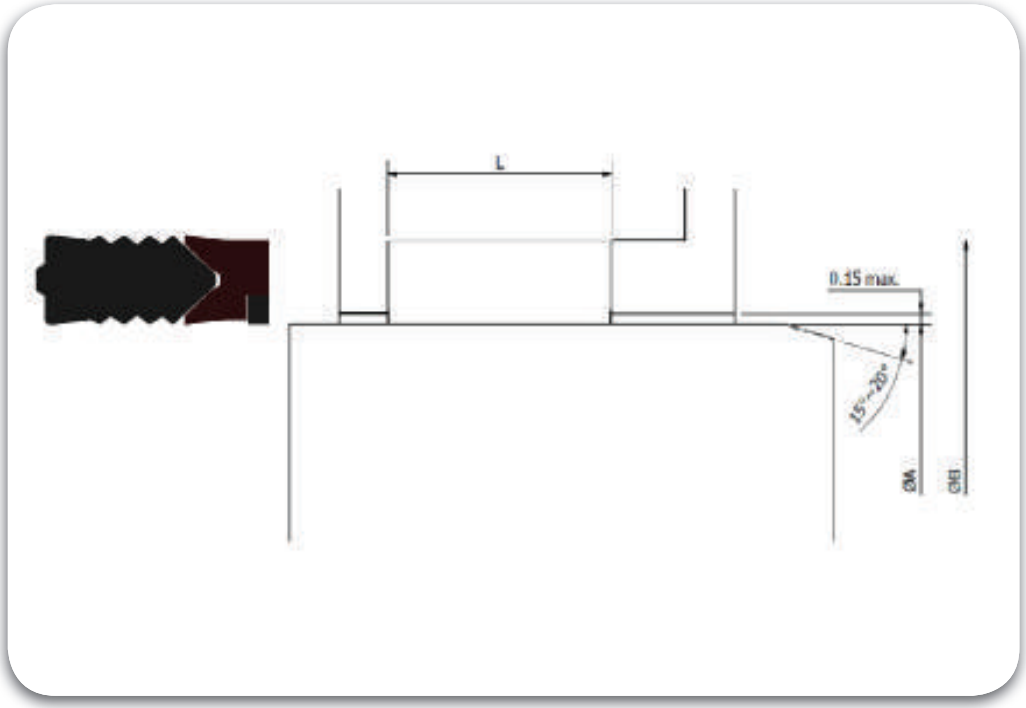
Material Details

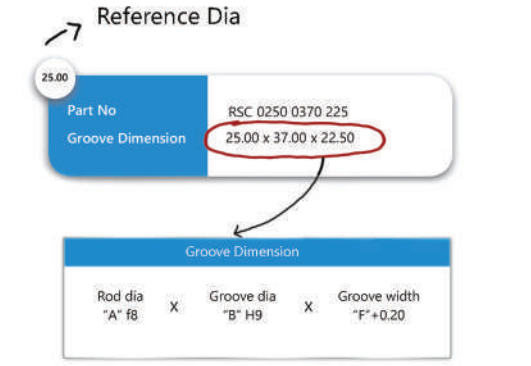
Sealing Material	Material Code	Support Ring Material	Anti - Extrusion Ring Material
TRIAFLEX® T571 NBR	CXN	TRIATEX® T543 (Fabric reinforced Nitrile)	TRIAMIDE® T485 Poly-Oxy Methylene (POM)

Nomenclature

Part No	RSE	1100	1300	325	CXN
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code







15.00
Part No RSE 0150 0270 200
Groove Dimension 15.00 x 27.00 x 20.00

20.00
Part No RSE 0200 0330 200
Groove Dimension 20.00 x 33.00 x 20.00

22.00
Part No RSE 0220 0350 200
Groove Dimension 22.00 x 35.00 x 20.00

25.00
Part No RSE 0250 0380 200
Groove Dimension 25.00 x 38.00 x 20.00

28.00
Part No RSE 0280 0410 200
Groove Dimension 28.00 x 41.00 x 20.00

30.00
Part No RSE 0300 0430 200
Groove Dimension 30.00 x 43.00 x 20.00

32.00
Part No RSE 0320 0470 225
Groove Dimension 32.00 x 47.00 x 22.50

35.00
Part No RSE 0350 0450 256
Groove Dimension 35.00 x 45.00 x 25.60

35.00
Part No RSE 0350 0470 225
Groove Dimension 35.00 x 47.00 x 22.50

35.00
Part No RSE 0350 0500 225
Groove Dimension 35.00 x 50.00 x 22.50

36.00
Part No RSE 0360 0510 225
Groove Dimension 35.00 x 50.10 x 22.50

38.10
Part No RSE 0381 0508 239
Groove Dimension 38.10 x 50.80 x 23.90

40.00
Part No RSE 0400 0520 225
Groove Dimension 40.00 x 52.00 x 22.50

40.00
Part No RSE 0400 0550 226
Groove Dimension 40.00 x 55.00 x 22.60

40.00
Part No RSE 0400 0600 300
Groove Dimension 40.00 x 60.00 x 30.00

45.00
Part No RSE 0450 0600 225
Groove Dimension 45.00 x 60.00 x 22.50

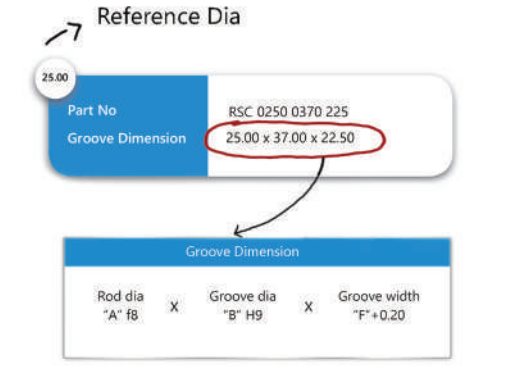
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Part No RSE 0450 0650 280
Groove Dimension 45.00 x 65.00 x 28.00

50.00
Part No RSE 0500 0630 200
Groove Dimension 50.00 x 63.00 x 20.00

50.00	Part No	RSE 0500 0650 245
	Groove Dimension	50.00 x 65.00 x 24.50
50.00	Part No	RSE 0500 0700 300
	Groove Dimension	50.00 x 70.00 x 30.00
55.00	Part No	RSE 0550 0700 250
	Groove Dimension	55.00 x 70.00 x 25.00
55.00	Part No	RSE 0550 0750 300
	Groove Dimension	55.00 x 75.00 x 30.00
60.00	Part No	RSE 0600 0750 250
	Groove Dimension	60.00 x 75.00 x 25.00
60.00	Part No	RSE 0600 0800 349
	Groove Dimension	60.00 x 80.00 x 34.90
63.50	Part No	RSE 0635 0825 266
	Groove Dimension	63.50 x 82.50 x 26.60

50.00	Part No	RSE 0500 0650 265
	Groove Dimension	50.00 x 65.00 x 26.50
50.00	Part No	RSE 0500 0700 319
	Groove Dimension	50.00 x 70.00 x 31.90
55.00	Part No	RSE 0550 0700 225
	Groove Dimension	55.00 x 70.00 x 22.50
56.00	Part No	RSE 0560 0710 250
	Groove Dimension	56.00 x 71.00 x 25.00
60.00	Part No	RSE 0600 0750 225
	Groove Dimension	60.00 x 75.00 x 22.50
60.00	Part No	RSE 0630 0830 290
	Groove Dimension	63.00 x 83.00 x 29.00
70.00	Part No	RSE 0700 0830 250
	Groove Dimension	70.00 x 83.00 x 25.00

50.00	Part No	RSE 0500 0650 225
	Groove Dimension	50.00 x 65.00 x 22.50
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	Groove Dimension	55.00 x 75.00 x 32.00
56.00	Part No	RSE 0560 0760 280
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60.00	Part No	RSE 0600 0770 270
	Groove Dimension	60.00 x 77.00 x 27.00
63.00	Part No	RSE 0630 0830 270
	Groove Dimension	63.00 x 83.00 x 27.00
70.00	Part No	RSE 0700 0850 225
	Groove Dimension	70.00 x 85.00 x 22.50



76.50
Part No RSE 0765 0965 325
Groove Dimension 76.50 x 96.50 x 32.50

85.00
Part No RSE 0850 1050 300
Groove Dimension 85.00 x 105.00 x 30.00

90.00
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Groove Dimension 90.00 x 110.00 x 30.00

100.00
Part No RSE 1000 1143 242
Groove Dimension 100.00 x 114.30 x 24.20

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Groove Dimension 70.00 x 85.00 x 25.00

70.00
Part No RSE 0700 0900 319
Groove Dimension 70.00 x 90.00 x 31.90

75.00
Part No RSE 0750 0950 300
Groove Dimension 75.00 x 95.00 x 30.00

80.00
Part No RSE 0800 1000 300
Groove Dimension 80.00 x 100.00 x 30.00

90.00
Part No RSE 0900 1050 250
Groove Dimension 90.00 x 105.00 x 25.00

90.00
Part No RSE 0900 1100 325
Groove Dimension 90.00 x 110.00 x 32.50

100.00
Part No RSE 1000 1200 300
Groove Dimension 100.00 x 120.00 x 30.00

70.00
Part No RSE 0700 0900 300
Groove Dimension 70.00 x 90.00 x 30.00

75.00
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Groove Dimension 75.00 x 95.00 x 28.00

76.20
Part No RSE 0762 0952 246
Groove Dimension 76.20 x 95.20 x 24.60

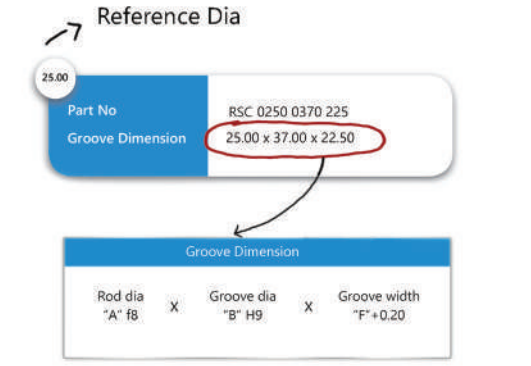
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95.00
Part No RSE 0950 1150 280
Groove Dimension 95.00 x 115.00 x 28.00

105.00
Part No RSE 1050 1180 250
Groove Dimension 105.00 x 118.00 x 25.00

105.00	
Part No	RSE 1050 1200 340
Groove Dimension	105.00 x 120.00 x 34.00
110.00	
Part No	RSE 1100 1300 325
Groove Dimension	110.00 x 130.00 x 32.50
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Part No	RSE 1100 1320 365
Groove Dimension	110.00 x 132.00 x 36.50
115.00	
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Groove Dimension	115.00 x 130.00 x 30.00
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Groove Dimension	115.00 x 130.00 x 22.50
120.00	
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120.00	
Part No	RSE 1200 1400 300
Groove Dimension	120.00 x 140.00 x 30.00
125.00	
Part No	RSE 1250 1450 296
Groove Dimension	125.00 x 145.00 x 29.60
127.00	
Part No	RSE 1270 1420 225
Groove Dimension	127.00 x 142.00 x 22.50
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Groove Dimension	130.00 x 150.00 x 28.00
135.00	
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Groove Dimension	135.00 x 155.00 x 28.00
140.00	
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Groove Dimension	140.00 x 160.00 x 28.00
145.00	
Part No	RSE 1450 1650 280
Groove Dimension	145.00 x 165.00 x 28.00
150.00	
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Groove Dimension	150.00 x 170.00 x 28.00
155.00	
Part No	RSE 1550 1750 280
Groove Dimension	155.00 x 175.00 x 28.00
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Groove Dimension	158.50 x 180.00 x 28.00
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Groove Dimension	160.00 x 180.00 x 28.00
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Part No	RSE 1700 1950 350
Groove Dimension	170.00 x 195.00 x 35.00
180.00	
Part No	RSE 1800 2050 350
Groove Dimension	180.00 x 205.00 x 35.00
185.00	
Part No	RSE 1850 2000 225
Groove Dimension	185.00 x 200.00 x 22.50



185.00

Part No	RSE 1850 2100 350
Groove Dimension	185.00 x 210.00 x 35.00

190.00

Part No	RSE 1900 2150 350
Groove Dimension	190.00 x 215.00 x 35.00

200.00

Part No	RSE 2000 2250 350
Groove Dimension	200.00 x 225.00 x 35.00

215.00

Part No	RSE 2150 2400 350
Groove Dimension	215.00 x 240.00 x 35.00

220.00

Part No	RSE 2200 2450 350
Groove Dimension	220.00 x 245.00 x 35.00

225.00

Part No	RSE 2250 2500 350
Groove Dimension	225.00 x 250.00 x 35.00

230.00

Part No	RSE 2300 2550 350
Groove Dimension	230.00 x 255.00 x 35.00

240.00

Part No	RSE 2400 2650 350
Groove Dimension	240.00 x 265.00 x 35.00

250.00

Part No	RSE 2500 2750 350
Groove Dimension	250.00 x 275.00 x 35.00

260.00

Part No	RSE 2600 2800 300
Groove Dimension	260.00 x 280.00 x 30.00

265.00

Part No	RSE 2650 2900 350
Groove Dimension	265.00 x 290.00 x 35.00

275.00

Part No	RSE 2750 3000 350
Groove Dimension	275.00 x 300.00 x 35.00

280.00

Part No	RSE 2800 3050 350
Groove Dimension	280.00 x 305.00 x 35.00

300.00

Part No	RSE 3000 3250 350
Groove Dimension	300.00 x 325.00 x 35.00

335.00

Part No	RSE 3350 3600 350
Groove Dimension	335.00 x 360.00 x 35.00

TRIADA

Wiper Seals

Triada Sealing Guide

#SealingExcellence

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17 WDC C117-C124

18 WDE C125-C133

19 WDF C134-C143

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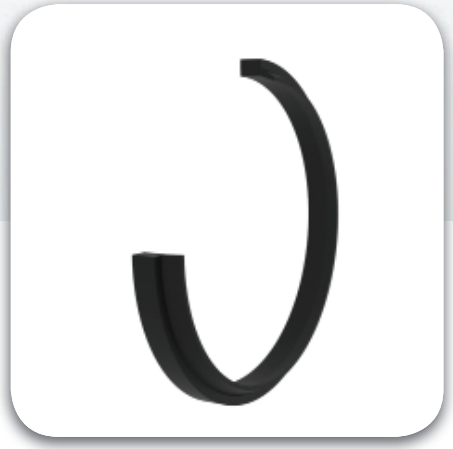
22 WSS C159-C64

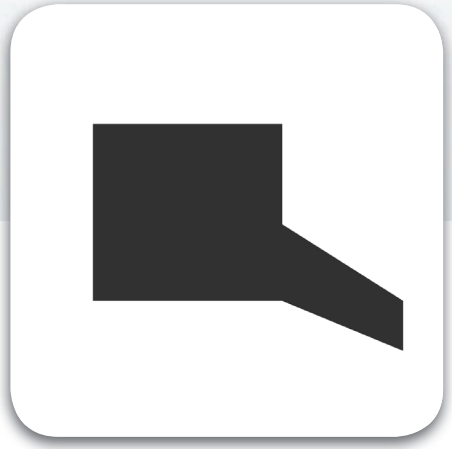
TRIADA

WRN

Wiper Seals

#SealingExcellence



Description

The WRN Scraper is an easy to install snap in type Wiper Seal in TRIAFLEX® (NBR). The lip at the outer edge avoids the dust particles entering into the system for axially moving rods, thus eliminating the damage for other seals and internal components.

Diameter Range	Ø12.00 – Ø400.00 (Larger dia. on request)
Standard material	TRIAFLEX® T591 (NBR 90)
Temperature(C)	- 30° C to + 100° C
Speed	< 1.00 m/s
Fluids	Mineral Oils

Material Details

Material	Material Code
TRIAFLEX®	T591 NBR 90
TRIAFLEX®	T691 FKM 90

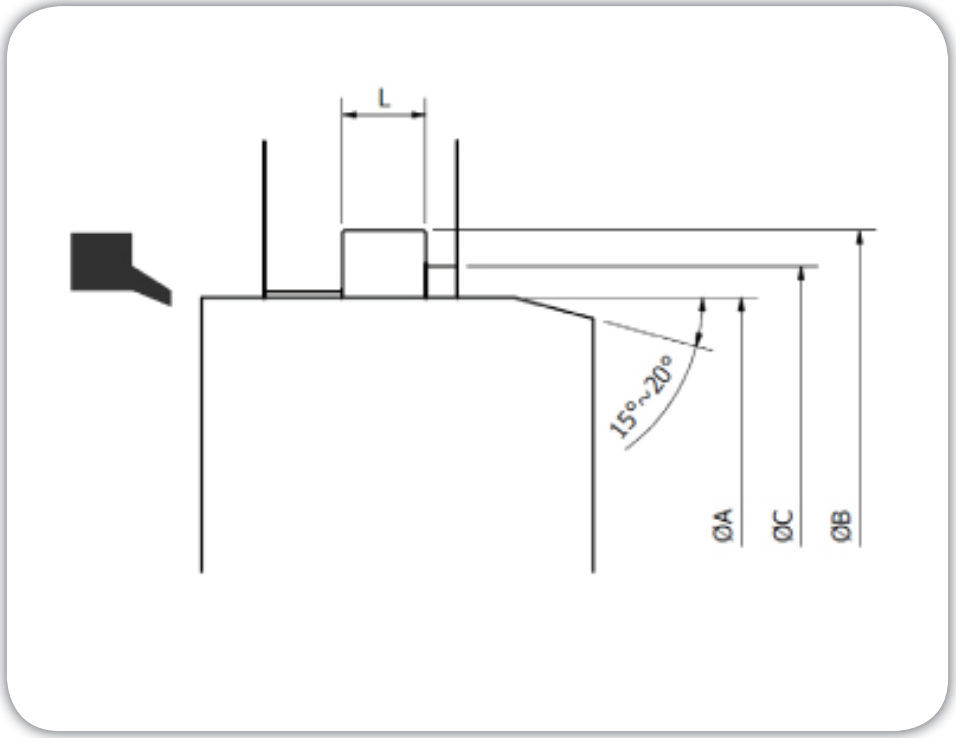
Nomenclature

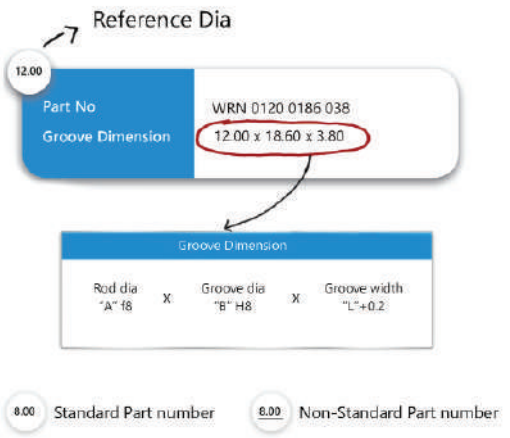
Part No	WRN	0120	0186	038	T591
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

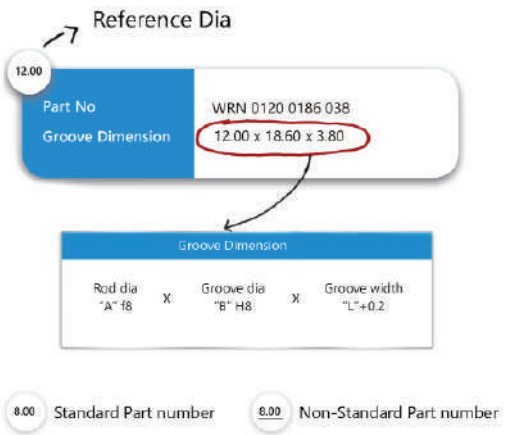
Rod Diameter range "ØA"	Mouth dia. "ØC"
12 - 85	'ØA' + 3.00mm
85 - 180	'ØA' + 6.00mm
180 - 400	'ØA' + 10.00mm





12.00	Part No	WRN 0120 0186 038
	Groove Dimension	12.00 x 18.60 x 3.80
13.00	Part No	WRN 0130 0196 038
	Groove Dimension	13.00 x 19.60 x 3.80
14.00	Part No	WRN 0140 0206 038
	Groove Dimension	14.00 x 20.60 x 3.80
15.00	Part No	WRN 0150 0216 038
	Groove Dimension	15.00 x 21.60 x 3.80
16.00	Part No	WRN 0160 0226 038
	Groove Dimension	16.00 x 22.60 x 3.80
18.00	Part No	WRN 0180 0246 038
	Groove Dimension	18.00 x 24.60 x 3.80
19.00	Part No	WRN 0190 0286 053
	Groove Dimension	19.00 x 28.60 x 5.30
20.00	Part No	WRN 0200 0286 053
	Groove Dimension	20.00 x 28.60 x 5.30
22.00	Part No	WRN 0220 0306 053
	Groove Dimension	22.00 x 30.60 x 5.30
24.00	Part No	WRN 0240 0326 053
	Groove Dimension	24.00 x 32.60 x 5.30
25.00	Part No	WRN 0250 0336 053
	Groove Dimension	25.00 x 33.60 x 5.30
26.00	Part No	WRN 0260 0346 053
	Groove Dimension	26.00 x 34.60 x 5.30
28.00	Part No	WRN 0280 0366 053
	Groove Dimension	28.00 x 36.60 x 5.30
30.00	Part No	WRN 0300 0386 053
	Groove Dimension	30.00 x 38.60 x 5.30
32.00	Part No	WRN 0320 0406 053
	Groove Dimension	32.00 x 40.60 x 5.30
33.00	Part No	WRN 0330 0416 053
	Groove Dimension	33.00 x 41.60 x 5.30
35.00	Part No	WRN 0350 0436 053
	Groove Dimension	35.00 x 43.60 x 5.30
36.00	Part No	WRN 0360 0446 053
	Groove Dimension	36.00 x 44.60 x 5.30

38.00	Part No	WRN 0380 0466 053
	Groove Dimension	38.00 x 46.60 x 5.30
40.00	Part No	WRN 0400 0486 053
	Groove Dimension	40.00 x 48.60 x 5.30
42.00	Part No	WRN 0420 0506 053
	Groove Dimension	42.00 x 50.60 x 5.30
45.00	Part No	WRN 0450 0536 053
	Groove Dimension	45.00 x 53.60 x 5.30
45.00	Part No	WRN 0450 0556 053
	Groove Dimension	45.00 x 55.60 x 5.30
46.00	Part No	WRN 0460 0546 053
	Groove Dimension	46.00 x 54.60 x 5.30
48.00	Part No	WRN 0480 0566 053
	Groove Dimension	48.00 x 56.60 x 5.30
50.00	Part No	WRN 0500 0586 053
	Groove Dimension	50.00 x 58.60 x 5.30
50.00	Part No	WRN 0500 0606 053
	Groove Dimension	50.00 x 60.60 x 5.30
53.00	Part No	WRN 0530 0616 053
	Groove Dimension	53.00 x 61.60 x 5.30
55.00	Part No	WRN 0550 0636 053
	Groove Dimension	55.00 x 63.60 x 5.30
55.00	Part No	WRN 0550 0656 053
	Groove Dimension	55.00 x 65.60 x 5.30
56.00	Part No	WRN 0560 0646 053
	Groove Dimension	56.00 x 64.60 x 5.30
56.00	Part No	WRN 0560 0666 053
	Groove Dimension	56.00 x 66.60 x 5.30
60.00	Part No	WRN 0600 0686 053
	Groove Dimension	60.00 x 68.60 x 5.30
60.00	Part No	WRN 0600 0706 053
	Groove Dimension	60.00 x 70.60 x 5.30
63.00	Part No	WRN 0630 0716 053
	Groove Dimension	63.00 x 71.60 x 5.30
63.00	Part No	WRN 0630 0736 053
	Groove Dimension	63.00 x 73.60 x 5.30
65.00	Part No	WRN 0650 0736 053
	Groove Dimension	65.00 x 73.60 x 5.30
65.00	Part No	WRN 0650 0756 053
	Groove Dimension	65.00 x 75.60 x 5.30
70.00	Part No	WRN 0700 0786 053
	Groove Dimension	70.00 x 78.60 x 5.30

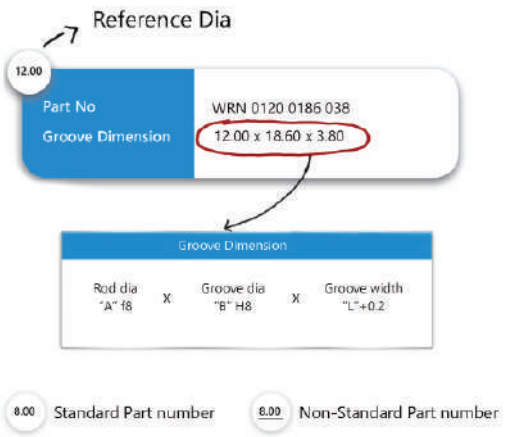


78.00	
Part No	WRN 0780 0922 071
Groove Dimension	78.00 x 92.20 x 7.10
83.00	
Part No	WRN 0830 0916 053
Groove Dimension	83.00 x 91.60 x 5.30
85.00	
Part No	WRN 0850 0972 071
Groove Dimension	85.00 x 97.20 x 7.10
95.00	
Part No	WRN 0950 1072 071
Groove Dimension	95.00 x 107.20 x 7.10

70.00	
Part No	WRN 0700 0806 053
Groove Dimension	70.00 x 80.60 x 5.30
72.00	
Part No	WRN 0720 0806 053
Groove Dimension	72.00 x 80.60 x 5.30
75.00	
Part No	WRN 0750 0872 071
Groove Dimension	75.00 x 87.20 x 7.10
80.00	
Part No	WRN 0800 0886 053
Groove Dimension	80.00 x 88.60 x 5.30
84.00	
Part No	WRN 0840 0926 053
Groove Dimension	84.00 x 92.60 x 5.30
88.00	
Part No	WRN 0880 1002 071
Groove Dimension	88.00 x 100.20 x 7.10
100.00	
Part No	WRN 1000 1122 071
Groove Dimension	100.00 x 112.20 x 7.10

70.00	
Part No	WRN 0700 0822 071
Groove Dimension	70.00 x 82.20 x 7.10
75.00	
Part No	WRN 0750 0836 053
Groove Dimension	75.00 x 83.60 x 5.30
76.50	
Part No	WRN 0765 0887 071
Groove Dimension	76.50 x 88.70 x 7.10
80.00	
Part No	WRN 0800 0922 071
Groove Dimension	80.00 x 92.20 x 7.10
85.00	
Part No	WRN 0850 0936 053
Groove Dimension	85.00 x 93.60 x 5.30
90.00	
Part No	WRN 0900 1022 071
Groove Dimension	90.00 x 102.20 x 7.10
101.00	
Part No	WRN 1010 1110 053
Groove Dimension	101.00 x 111.00 x 5.30

103.00	Part No	WRN 1030 1152 071
	Groove Dimension	103.00 x 115.20 x 7.10
105.00	Part No	WRN 1050 1172 071
	Groove Dimension	105.00 x 117.20 x 7.10
110.00	Part No	WRN 1100 1222 071
	Groove Dimension	110.00 x 122.20 x 7.10
115.00	Part No	WRN 1150 1272 071
	Groove Dimension	115.00 x 127.20 x 7.10
118.00	Part No	WRN 1180 1302 071
	Groove Dimension	118.00 x 130.20 x 7.10
120.00	Part No	WRN 1200 1280 053
	Groove Dimension	120.00 x 128.00 x 5.30
120.00	Part No	WRN 1200 1322 071
	Groove Dimension	120.00 x 132.20 x 7.10
125.00	Part No	WRN 1250 1372 071
	Groove Dimension	125.00 x 137.20 x 7.10
125.00	Part No	WRN 1250 1401 102
	Groove Dimension	125.00 x 140.10 x 10.20
127.00	Part No	WRN 1270 1356 053
	Groove Dimension	127.00 x 135.60 x 5.30
127.00	Part No	WRN 1270 1392 071
	Groove Dimension	127.00 x 139.20 x 7.10
130.00	Part No	WRN 1300 1422 071
	Groove Dimension	130.00 x 142.20 x 7.10
135.00	Part No	WRN 1350 1472 071
	Groove Dimension	135.00 x 147.20 x 7.10
135.00	Part No	WRN 1350 1492 071
	Groove Dimension	135.00 x 149.20 x 7.10
140.00	Part No	WRN 1400 1522 071
	Groove Dimension	140.00 x 152.20 x 7.10
140.00	Part No	WRN 1400 1572 101
	Groove Dimension	140.00 x 157.20 x 10.10
145.00	Part No	WRN 1450 1622 071
	Groove Dimension	145.00 x 162.20 x 7.10
150.00	Part No	WRN 1500 1692 071
	Groove Dimension	150.00 x 169.20 x 7.10
155.00	Part No	WRN 1550 1686 071
	Groove Dimension	155.00 x 168.60 x 7.10
160.00	Part No	WRN 1600 1752 053
	Groove Dimension	160.00 x 175.20 x 5.30
160.00	Part No	WRN 1600 1852 101
	Groove Dimension	160.00 x 185.20 x 10.10



200.00	Part No	WRN 2000 2200 102
	Groove Dimension	200.00 x 220.00 x 10.20
240.00	Part No	WRN 2400 2600 102
	Groove Dimension	240.00 x 260.00 x 10.20
260.00	Part No	WRN 2600 2800 102
	Groove Dimension	260.00 x 280.00 x 10.20
320.00	Part No	WRN 3200 3400 102
	Groove Dimension	320.00 x 340.20 x 10.20

170.00	Part No	WRN 1700 1892 101
	Groove Dimension	170.00 x 189.20 x 10.10
180.00	Part No	WRN 1800 1950 101
	Groove Dimension	180.00 x 195.60 x 10.10
196.00	Part No	WRN 1960 2102 071
	Groove Dimension	196.00 x 210.20 x 7.10
210.00	Part No	WRN 2100 2300 102
	Groove Dimension	210.00 x 230.00 x 10.20
244.50	Part No	WRN 2445 2587 071
	Groove Dimension	244.50 x 258.70 x 7.10
280.00	Part No	WRN 2800 3000 102
	Groove Dimension	280.00 x 300.00 x 10.20
360.00	Part No	WRN 3600 3800 102
	Groove Dimension	360.00 x 380.00 x 10.20

175.00	Part No	WRN 1750 1892 071
	Groove Dimension	175.00 x 189.20 x 7.10
180.00	Part No	WRN 1800 2000 102
	Groove Dimension	180.00 x 200.00 x 10.20
200.00	Part No	WRN 2000 2150 101
	Groove Dimension	200.00 x 215.00 x 10.10
219.50	Part No	WRN 2195 2337 071
	Groove Dimension	219.50 x 233.70 x 7.10
250.00	Part No	WRN 2500 2700 102
	Groove Dimension	250.00 x 270.00 x 10.20
300.00	Part No	WRN 3000 3200 102
	Groove Dimension	300.00 x 320.00 x 10.20
400.00	Part No	WRN 4000 4200 102
	Groove Dimension	400.00 x 420.00 x 10.20

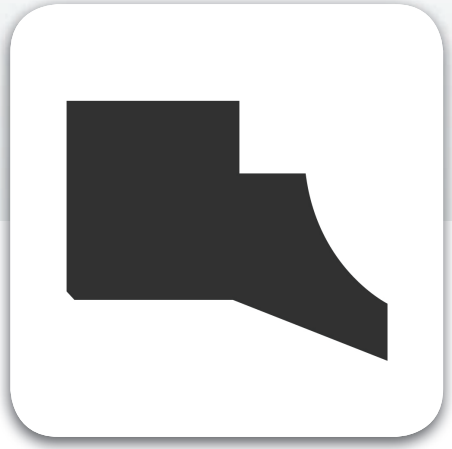
TRIADA

WPN

Wiper Seals

#SealingExcellence



Description

The WPN Scraper is an easy to install snap in type Wiper Seal in TRIAFLEX® (NBR), but with a shorter lip, which does not allow the dust or dirt accumulation above the lip, due to hardware design.

Diameter Range	Ø4.00 – Ø450.00 (Larger dia. on request)
Standard material	TRIAFLEX® T591 (NBR 90)
Temperature(°C)	-30° C to 100° C
Speed	≤ 0.8 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

Material	Material Code
TRIAFLEX®	T591 NBR 90

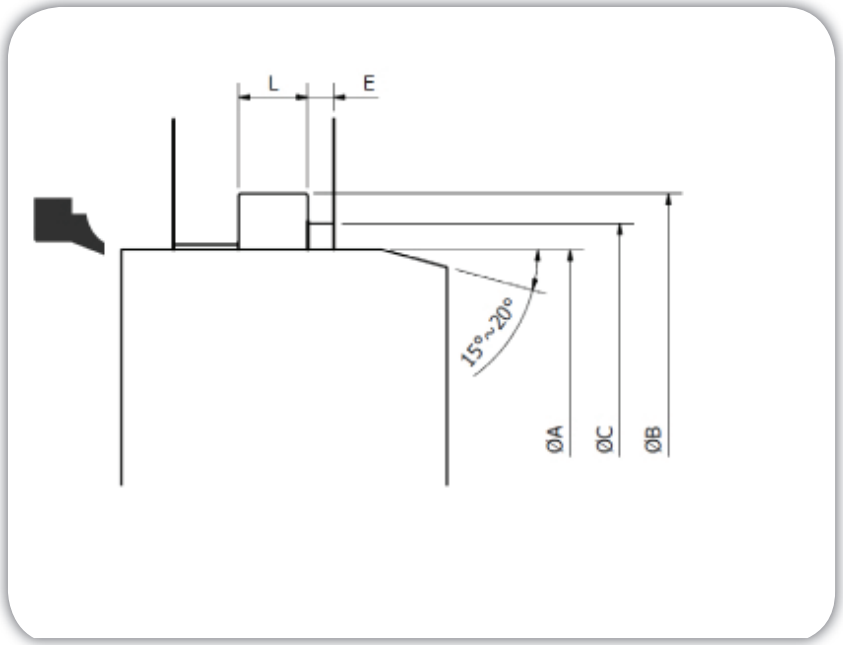
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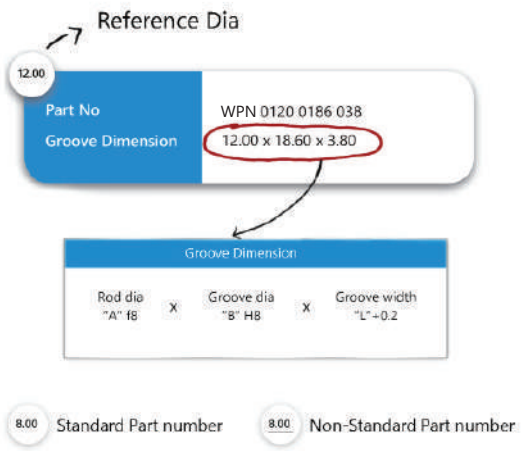
Part No	WPN	0120	0186	038	T591
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

Rod Diameter range "ØA"	Mouth dia. "ØC"	Mouth Width "E"
4 - 100	'ØA' + 6.00mm	1.00mm
105 - 200	'ØA' + 9.00mm	1.50mm
210 - 450	'ØA' + 11.00mm	2.00mm





4.00

Part No	WPN 0040 0120 040
Groove Dimension	4.00 x 12.00 x 4.00

8.00

Part No	WPN 0080 0160 040
Groove Dimension	8.00 x 16.00 x 4.00

10.00

Part No	WPN 0100 0180 040
Groove Dimension	10.00 x 18.00 x 4.00

12.00

Part No	WPN 0120 0200 040
Groove Dimension	12.00 x 20.00 x 4.00

14.00

Part No	WPN 0140 0220 040
Groove Dimension	14.00 x 22.00 x 4.00

15.00

Part No	WPN 0150 0230 040
Groove Dimension	15.00 x 23.00 x 4.00

16.00

Part No	WPN 0160 0240 040
Groove Dimension	16.00 x 24.00 x 4.00

18.00

Part No	WPN 0180 0260 040
Groove Dimension	18.00 x 26.00 x 4.00

20.00

Part No	WPN 0200 0280 040
Groove Dimension	20.00 x 28.00 x 4.00

22.00

Part No	WPN 0220 0300 040
Groove Dimension	22.00 x 30.00 x 4.0

24.00

Part No	WPN 0240 0320 040
Groove Dimension	24.00 x 32.00 x 4.00

25.00

Part No	WPN 0250 0330 040
Groove Dimension	25.00 x 33.00 x 4.00

28.00

Part No	WPN 0280 0360 040
Groove Dimension	28.00 x 36.00 x 4.00

30.00

Part No	WPN 0300 0380 040
Groove Dimension	30.00 x 38.00 x 4.00

32.00

Part No	WPN 0320 0400 040
Groove Dimension	32.00 x 40.00 x 4.00

35.00

Part No	WPN 0350 0430 040
Groove Dimension	35.00 x 43.00 x 4.00

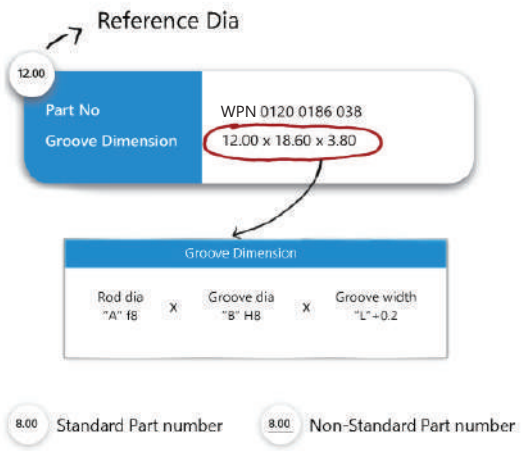
36.00

Part No	WPN 0360 0440 040
Groove Dimension	36.00 x 44.00 x 4.00

38.00

Part No	WPN 0380 0460 040
Groove Dimension	38.00 x 46.00 x 4.00

40.00	Part No	WPN 0400 0480 040
	Groove Dimension	40.00 x 48.00 x 4.00
42.00	Part No	WPN 0420 0500 040
	Groove Dimension	42.00 x 50.00 x 4.00
45.00	Part No	WPN 0450 0530 040
	Groove Dimension	45.00 x 53.00 x 4.00
48.00	Part No	WPN 0480 0560 040
	Groove Dimension	48.00 x 56.00 x 4.00
50.00	Part No	WPN 0500 0580 040
	Groove Dimension	50.00 x 58.00 x 4.00
52.00	Part No	WPN 0520 0600 040
	Groove Dimension	52.00 x 60.00 x 4.00
55.00	Part No	WPN 0550 0630 040
	Groove Dimension	55.00 x 63.00 x 4.00
56.00	Part No	WPN 0560 0640 040
	Groove Dimension	56.00 x 64.00 x 4.00
60.00	Part No	WPN 0600 0680 040
	Groove Dimension	60.00 x 68.00 x 4.00
62.00	Part No	WPN 0620 0700 040
	Groove Dimension	62.00 x 70.00 x 4.00
63.00	Part No	WPN 0630 0710 040
	Groove Dimension	63.00 x 71.00 x 4.00
65.00	Part No	WPN 0650 0730 040
	Groove Dimension	65.00 x 73.00 x 4.00
70.00	Part No	WPN 0700 0780 040
	Groove Dimension	70.00 x 78.00 x 4.00
75.00	Part No	WPN 0750 0830 040
	Groove Dimension	75.00 x 83.00 x 4.00
80.00	Part No	WPN 0800 0880 040
	Groove Dimension	80.00 x 88.00 x 4.00
85.00	Part No	WPN 0850 0930 040
	Groove Dimension	85.00 x 93.00 x 4.00
90.00	Part No	WPN 0900 0980 040
	Groove Dimension	90.00 x 98.00 x 4.00
95.00	Part No	WPN 0950 1030 040
	Groove Dimension	95.00 x 103.00 x 4.00
100.00	Part No	WPN 1000 1080 040
	Groove Dimension	100.00 x 108.00 x 4.00
105.00	Part No	WPN 1050 1170 055
	Groove Dimension	105.00 x 117.00 x 5.50
110.00	Part No	WPN 1100 1220 055
	Groove Dimension	110.00 x 122.00 x 5.50



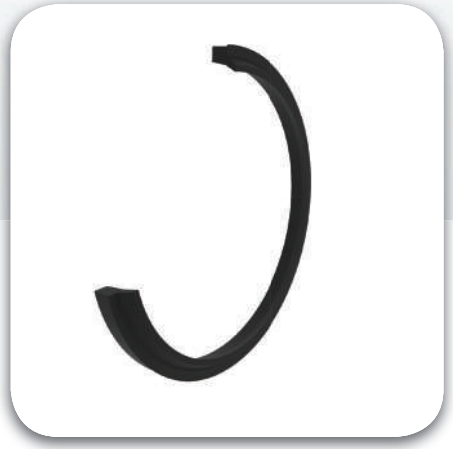
120.00	Part No	WPN 1200 1320 055
	Groove Dimension	120.00 x 132.00 x 5.50
125.00	Part No	WPN 1250 1370 055
	Groove Dimension	125.00 x 137.00 x 5.50
130.00	Part No	WPN 1300 1420 055
	Groove Dimension	130.00 x 142.00 x 5.50
140.00	Part No	WPN 1400 1520 055
	Groove Dimension	140.00 x 152.00 x 5.50
150.00	Part No	WPN 1500 1620 055
	Groove Dimension	150.00 x 162.00 x 5.50
155.00	Part No	WPN 1550 1670 055
	Groove Dimension	155.00 x 167.00 x 5.50
160.00	Part No	WPN 1600 1720 055
	Groove Dimension	160.00 x 172.00 x 5.50
170.00	Part No	WPN 1700 1820 055
	Groove Dimension	170.00 x 182.00 x 5.50
180.00	Part No	WPN 1800 1920 055
	Groove Dimension	180.00 x 192.00 x 5.50
190.00	Part No	WPN 1900 2020 055
	Groove Dimension	190.00 x 202.00 x 5.50
200.00	Part No	WPN 2000 2120 055
	Groove Dimension	200.00 x 212.00 x 5.50
210.00	Part No	WPN 2100 2250 065
	Groove Dimension	210.00 x 225.00 x 6.50
220.00	Part No	WPN 2200 2350 065
	Groove Dimension	220.00 x 235.00 x 6.50
240.00	Part No	WPN 2400 2550 065
	Groove Dimension	240.00 x 255.00 x 6.50
250.00	Part No	WPN 2500 2650 065
	Groove Dimension	250.00 x 265.00 x 6.50
300.00	Part No	WPN 3000 3150 065
	Groove Dimension	300.00 x 315.00 x 6.50
340.00	Part No	WPN 3400 3550 065
	Groove Dimension	340.00 x 355.00 x 6.50
450.00	Part No	WPN 4500 4650 065
	Groove Dimension	450.00 x 465.00 x 6.50

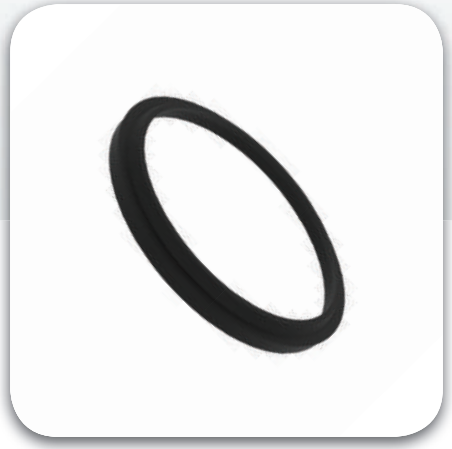
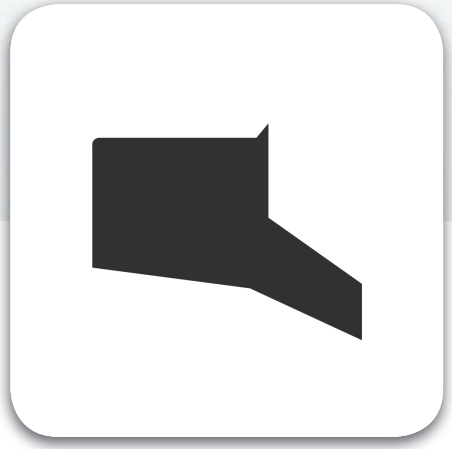
TRIADA

WRH

Wiper Seals

#SealingExcellence



Description

The WRH Scraper is an easy to install snap in type Wiper Seals. Similar to WRN but in TRIATHANE® (PU), which is a Polyether, based Poly-Urethane Compound. The clink on the outer edge acts as a moisture absorption lock.

Diameter Range	Ø10.00 – Ø400.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (PU)
Temperature(°C)	From - 30° C to + 110° C
Speed	< 1.00 m/s
Fluids	Water at room temperature and Mineral Oils

Material Details

Material	Material Code
TRIATHANE®	T479 Poly-Urethane

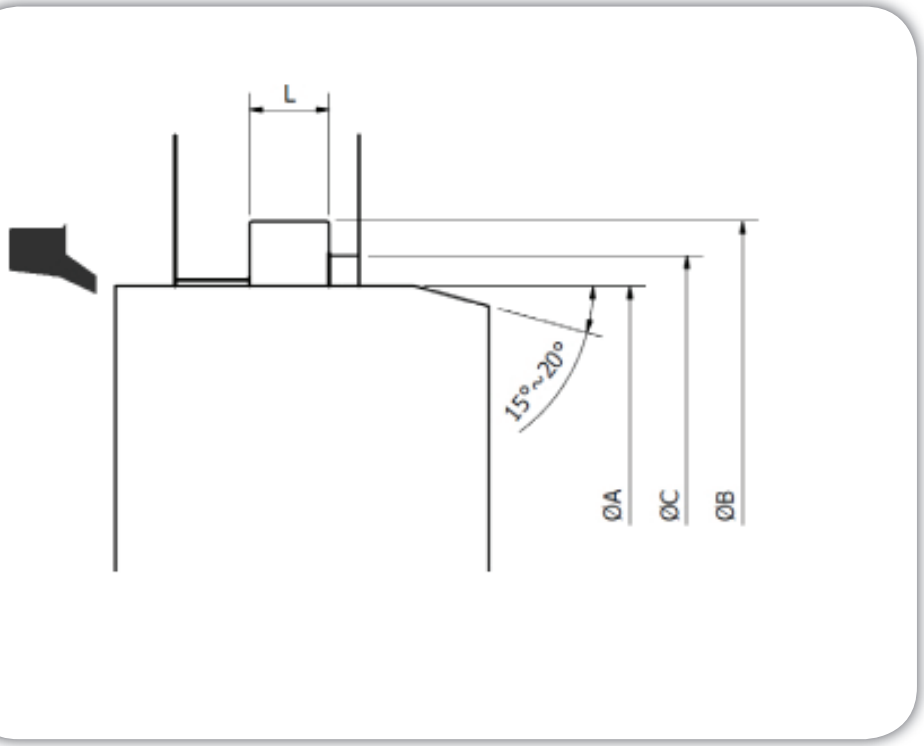
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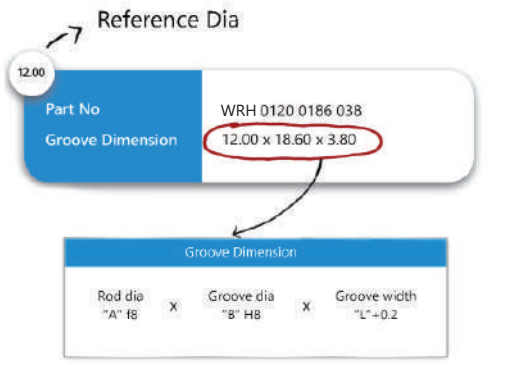
Part No	WRH	1000	1222	071	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

Groove Width "L"	Mouth dia. "ØC"
5.00	'ØA' + 5.50mm
5.30	'ØA' + 3.00mm
6.30	'ØA' + 7.00mm
7.10	'ØA' + 6.00mm
10.10	'ØA' + 10.00mm





20.00	Part No	WRH 0200 0280 050
	Groove Dimension	20.00 x 28.00 x 5.00
22.00	Part No	WRH 0220 0300 050
	Groove Dimension	22.00 x 30.00 x 5.00
25.00	Part No	WRH 0250 0330 050
	Groove Dimension	25.00 x 33.00 x 5.00
28.00	Part No	WRH 0280 0360 050
	Groove Dimension	28.00 x 36.00 x 5.00
30.00	Part No	WRH 0300 0386 053
	Groove Dimension	30.00 x 38.60 x 5.30
35.00	Part No	WRH 0350 0430 050
	Groove Dimension	35.00 x 43.00 x 5.00
36.00	Part No	WRH 0360 0446 053
	Groove Dimension	36.00 x 44.60 x 5.30

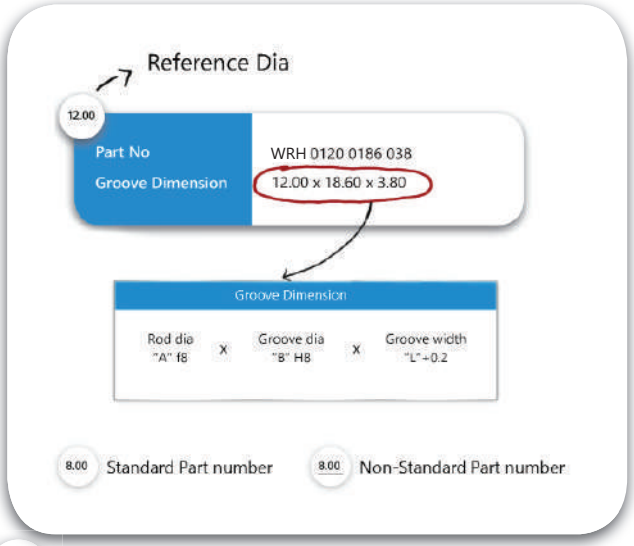
20.00	Part No	WRH 0200 0286 053
	Groove Dimension	20.00 x 28.60 x 5.30
22.00	Part No	WRH 0220 0336 053
	Groove Dimension	22.00 x 33.60 x 5.30
25.00	Part No	WRH 0250 0336 053
	Groove Dimension	25.00 x 33.60 x 5.30
28.00	Part No	WRH 0280 0366 053
	Groove Dimension	28.00 x 36.60 x 5.30
32.00	Part No	WRH 0320 0400 050
	Groove Dimension	32.00 x 40.00 x 5.00
35.00	Part No	WRH 0350 0436 053
	Groove Dimension	35.00 x 43.60 x 5.30
38.00	Part No	WRH 0380 0466 053
	Groove Dimension	38.00 x 46.60 x 5.30

20.00	Part No	WRH 0200 0286 053
	Groove Dimension	20.00 x 28.60 x 5.30
22.00	Part No	WRH 0220 0336 053
	Groove Dimension	22.00 x 33.60 x 5.30
25.00	Part No	WRH 0250 0336 053
	Groove Dimension	25.00 x 33.60 x 5.30
30.00	Part No	WRH 0300 0380 050
	Groove Dimension	30.00 x 38.00 x 5.00
32.00	Part No	WRH 0320 0406 053
	Groove Dimension	32.00 x 40.60 x 5.30
36.00	Part No	WRH 0360 0440 050
	Groove Dimension	36.00 x 44.00 x 5.00
40.00	Part No	WRH 0400 0480 050
	Groove Dimension	40.00 x 48.00 x 5.00

40.00	Part No	WRH 0400 0486 053
	Groove Dimension	40.00 x 48.60 x 5.30
50.00	Part No	WRH 0500 0580 050
	Groove Dimension	50.00 x 58.00 x 5.00
55.00	Part No	WRH 0550 0650 063
	Groove Dimension	55.00 x 65.00 x 6.30
56.00	Part No	WRH 0560 0660 063
	Groove Dimension	56.00 x 66.00 x 6.30
60.00	Part No	WRH 0600 0706 053
	Groove Dimension	60.00 x 70.60 x 5.30
70.00	Part No	WRH 0700 0806 053
	Groove Dimension	70.00 x 80.60 x 5.30
80.00	Part No	WRH 0800 0922 071
	Groove Dimension	80.00 x 92.20 x 7.10

45.00	Part No	WRH 0450 0530 050
	Groove Dimension	45.00 x 53.00 x 5.00
50.00	Part No	WRH 0500 0586 053
	Groove Dimension	50.00 x 58.60 x 5.30
55.00	Part No	WRH 0550 0636 053
	Groove Dimension	55.00 x 63.60 x 5.30
56.00	Part No	WRH 0560 0666 053
	Groove Dimension	56.00 x 66.60 x 5.30
70.00	Part No	WRH 0700 0800 063
	Groove Dimension	70.00 x 80.00 x 6.30
75.00	Part No	WRH 0750 0872 071
	Groove Dimension	75.00 x 87.20 x 7.10
80.00	Part No	WRH 0800 0886 053
	Groove Dimension	80.00 x 88.60 x 5.30

45.00	Part No	WRH 0450 0536 053
	Groove Dimension	45.00 x 53.60 x 5.30
50.00	Part No	WRH 0500 0606 053
	Groove Dimension	50.00 x 60.60 x 5.30
55.00	Part No	WRH 0550 0656 053
	Groove Dimension	55.00 x 65.60 x 5.30
60.00	Part No	WRH 0600 0700 063
	Groove Dimension	60.00 x 70.00 x 6.30
70.00	Part No	WRH 0700 0822 071
	Groove Dimension	70.00 x 82.20 x 7.10
80.00	Part No	WRH 0800 0900 063
	Groove Dimension	80.00 x 90.00 x 6.30
90.00	Part No	WRH 0900 1000 063
	Groove Dimension	90.00 x 100.00 x 6.30



150.00

Part No	WRH 150 1622 071
Groove Dimension	150.00 x 162.20 x 7.10

90.00

Part No	WRH 0900 1022 071
Groove Dimension	90.00 x 102.20 x 7.10

100.00

Part No	WRH 1000 1122 071
Groove Dimension	100.00 x 112.20 x 7.10

125.00

Part No	WRH 1250 1372 071
Groove Dimension	125.00 x 137.20 x 7.10

240.00

Part No	WRH 2400 2552 101
Groove Dimension	240.00 x 255.20 x 10.10

100.00

Part No	WRH 1000 1150 095
Groove Dimension	100.00 x 115.00 x 9.50

110.00

Part No	WRH 1100 1222 071
Groove Dimension	110.00 x 122.20 x 7.10

140.00

Part No	WRH 1400 1550 095
Groove Dimension	140.00 x 155.00 x 9.50

400.00

Part No	WRH 4000 4200 102
Groove Dimension	400.00 x 420.00 x 10.20

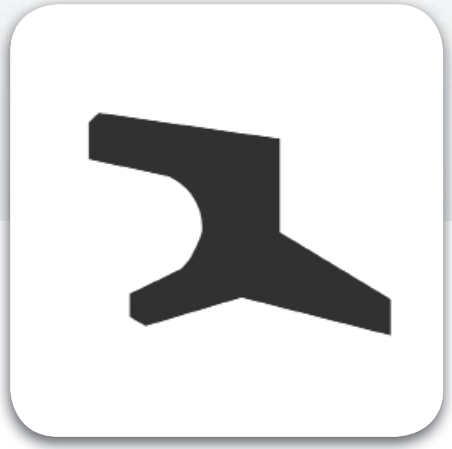
TRIADA

WDN

Wiper Seals

#SealingExcellence



Description

The WDN Scraper is one of the simplest Snap in type Wiper Seals (similar to WDD style of Wiper Seal, but with different groove dimensions), mostly suggested to be used in conjunction with a back pumping Primary Seal/Secondary Seal, like TRITILT® (RSS type) Seal. The Inner Lip holds the film of oil within the system without being leaked out and the Outer Lip shall prevent any dust particles entering the system.

Diameter Range	Ø12.00 - Ø250.00 (Larger dia. on request)
Standard material	TRIAFLEX® T591(NBR 90)
Temperature(°C)	-30° C to 100° C
Speed	≤ 1.00 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

Material	Material Code
TRIAFLEX®	T591 NBR 90
TRIAFLEX®	T691 FKM 90

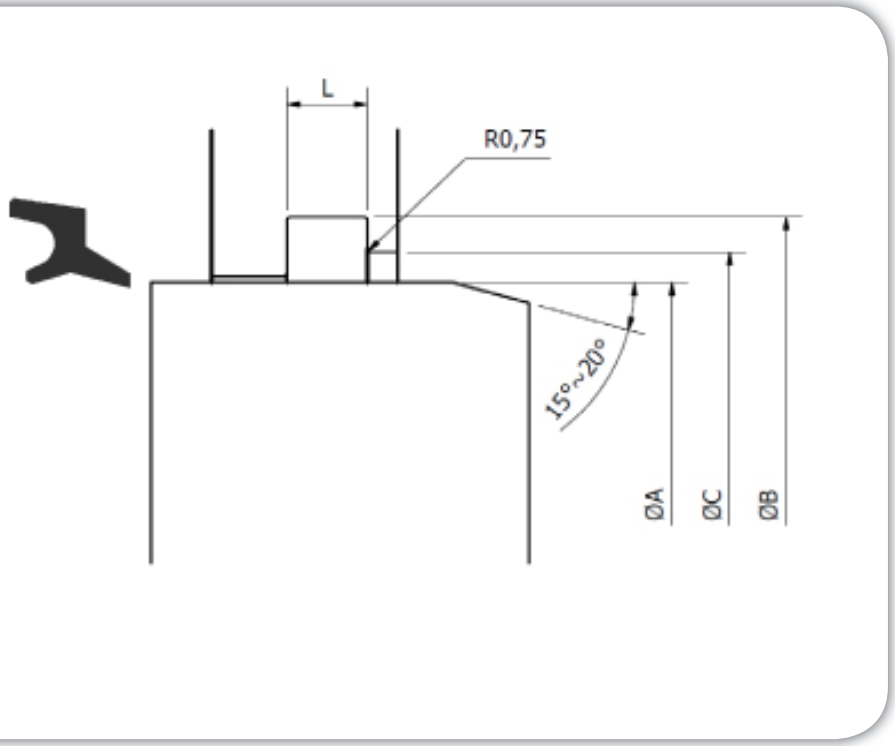
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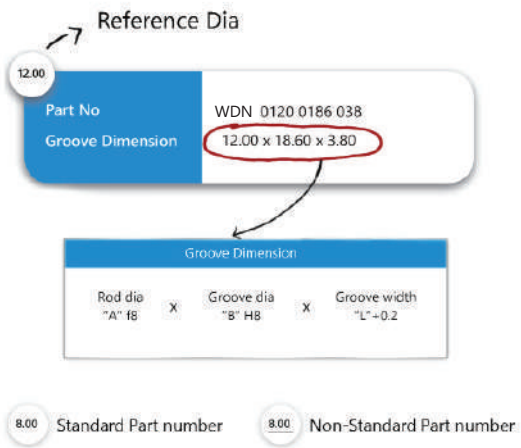
Part No	WDN	0120	0186	038	T591
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

Rod Diameter range "ØA"	Mouth dia. "ØC"
12 - 70	'ØA' + 3.00mm
70 - 100	'ØA' + 6.00mm





12.00
Part No WDN 0120 0186 038
Groove Dimension 12.00 x 18.60 x 3.80

12.00
Part No WDN 0120 0206 053
Groove Dimension 12.00 x 20.60 x 5.30

18.00
Part No WDN 0180 0246 038
Groove Dimension 18.00 x 24.60 x 3.80

20.00
Part No WDN 0200 0286 053
Groove Dimension 20.00 x 28.60 x 5.30

22.00
Part No WDN 0220 0306 053
Groove Dimension 22.00 x 30.60 x 5.30

25.00
Part No WDN 0250 0336 053
Groove Dimension 25.00 x 33.60 x 5.30

28.00
Part No WDN 0280 0366 053
Groove Dimension 28.00 x 36.60 x 5.30

30.00
Part No WDN 0300 0380 053
Groove Dimension 30.00 x 38.00 x 5.30

32.00
Part No WDN 0320 0406 053
Groove Dimension 32.00 x 40.60 x 5.30

35.00
Part No WDN 0350 0436 053
Groove Dimension 35.00 x 43.60 x 5.30

36.00
Part No WDN 0360 0446 053
Groove Dimension 36.00 x 44.60 x 5.30

40.00
Part No WDN 0400 0486 053
Groove Dimension 40.00 x 48.60 x 5.30

42.00
Part No WDN 0420 0500 053
Groove Dimension 42.00 x 50.00 x 5.30

45.00
Part No WDN 0450 0536 053
Groove Dimension 45.00 x 53.60 x 5.30

50.00
Part No WDN 0500 0586 053
Groove Dimension 50.00 x 58.60 x 5.30

55.00
Part No WDN 0550 0636 053
Groove Dimension 55.00 x 63.60 x 5.30

56.00
Part No WDN 0560 0646 053
Groove Dimension 56.00 x 64.60 x 5.30

60.00
Part No WDN 0600 0686 053
Groove Dimension 60.00 x 68.60 x 5.30

65.00

Part No	WDN 0650 0736 053
Groove Dimension	65.00 x 73.60 x 5.30

66.00

Part No	WDN 0660 0746 053
Groove Dimension	66.00 x 74.60 x 5.30

70.00

Part No	WDN 0700 0786 053
Groove Dimension	70.00 x 78.60 x 5.30

78.00

Part No	WDN 0780 0922 071
Groove Dimension	78.00 x 92.20 x 7.10

80.00

Part No	WDN 0800 0922 071
Groove Dimension	80.00 x 92.20 x 7.10

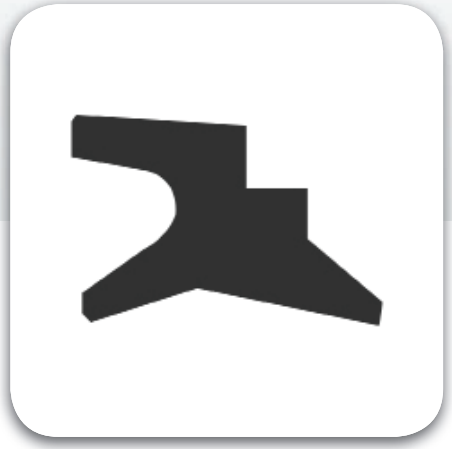
TRIADA

WDD

Wiper Seals

#SealingExcellence



Description

The WDD Scraper is one of the simplest Snap in type Wiper Seals (similar to WDN type, but with different groove sizes), mostly suggested to be used in conjunction with a back pumping Primary Seal, like TRITILT® (RSS Type) Seal. The inner lip holds the film of oil within the system without being leaked out and the outer lip shall prevent any dust particles entering the system.

Diameter Range	Ø10.00 – Ø2500.00
Standard material	TRIAFLEX® T591 (NBR)
Temperature(°C)	From - 30° C to + 100° C
Speed	< 1.00 m/s
Fluids	Water at room temperature and Mineral Oils

Material Details

Material	Material Code
TRIAFLEX®	T591 NBR 90
TRIAFLEX®	T691 FKM 90

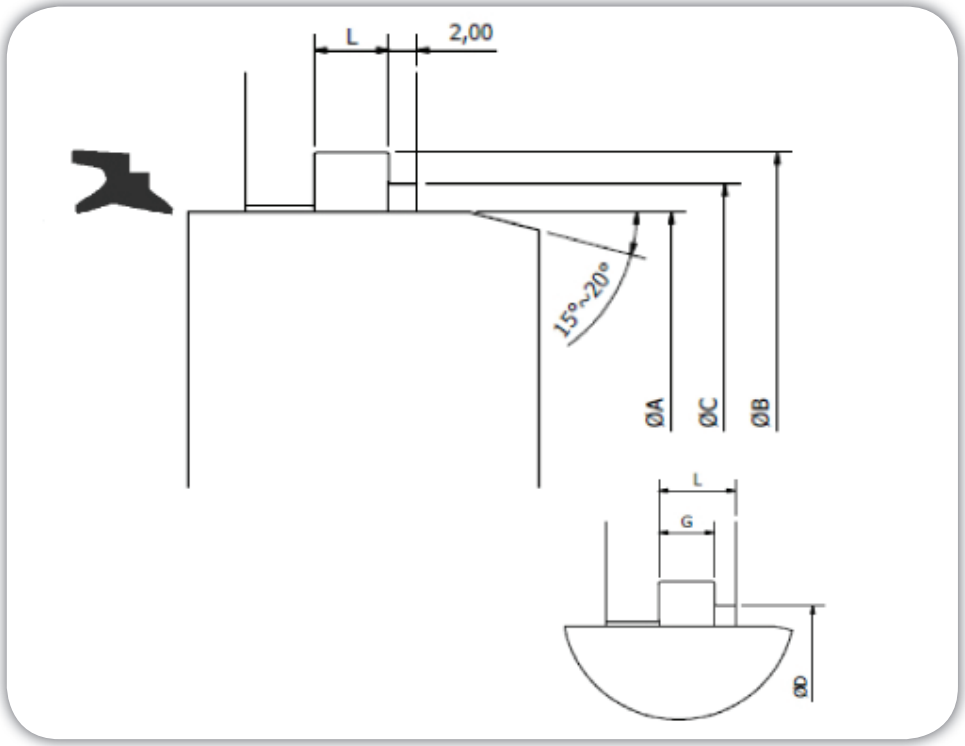
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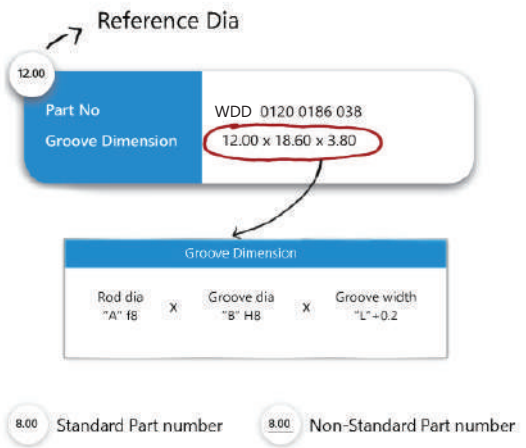
Part No	WDD	1000	1080	060	T591
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

Rod Diameter range "ØA"	Mouth Groove dia. "ØC"	Mouth Groove dia. "ØD"	Width "G"	Width "L"
10 - 100	'ØA' + 3.50mm	'ØA' + 6.00mm	6.00mm	4.00mm
105 - 210	'ØA' + 5.00mm	'ØA' + 9.00mm	8.20mm	5.50mm
220 - 400	'ØA' + 7.00mm	'ØA' + 11.00mm	9.50mm	6.50mm





10.00
Part No WDD 0100 0180 060
Groove Dimension 10.00 x 18.00 x 6.00

12.00
Part No WDD 0120 0200 060
Groove Dimension 12.00 x 20.00 x 6.00

14.00
Part No WDD 0140 0220 060
Groove Dimension 14.00 x 22.00 x 6.00

15.00
Part No WDD 0150 0230 060
Groove Dimension 15.00 x 23.00 x 6.00

16.00
Part No WDD 0160 0240 060
Groove Dimension 16.00 x 24.00 x 6.00

18.00
Part No WDD 0180 0260 060
Groove Dimension 18.00 x 26.00 x 6.00

20.00
Part No WDD 0200 0280 060
Groove Dimension 20.00 x 28.00 x 6.00

22.00
Part No WDD 0220 0300 060
Groove Dimension 22.00 x 30.00 x 6.00

24.00
Part No WDD 0240 0320 060
Groove Dimension 24.00 x 32.00 x 6.00

25.00
Part No WDD 0250 0330 060
Groove Dimension 25.00 x 33.00 x 6.00

28.00
Part No WDD 0280 0360 060
Groove Dimension 28.00 x 36.00 x 6.00

30.00
Part No WDD 0300 0380 060
Groove Dimension 30.00 x 38.00 x 6.00

32.00
Part No WDD 0320 0400 060
Groove Dimension 32.00 x 40.00 x 6.00

35.00
Part No WDD 0350 0430 060
Groove Dimension 35.00 x 43.00 x 6.00

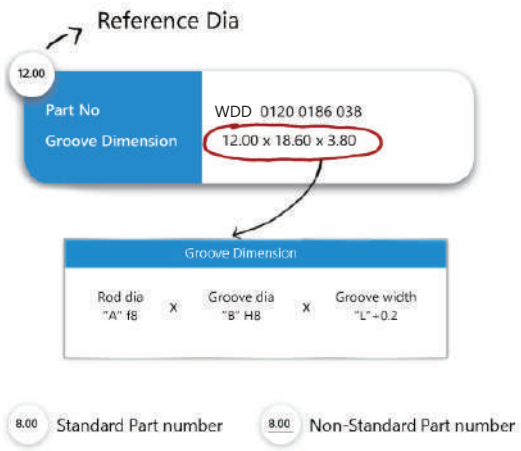
36.00
Part No WDD 0360 0440 060
Groove Dimension 36.00 x 44.00 x 6.00

37.00
Part No WDD 0370 0450 060
Groove Dimension 37.00 x 45.00 x 6.00

37.00
Part No WDD 0370 0450 060
Groove Dimension 37.00 x 45.00 x 6.00

40.00
Part No WDD 0400 0480 060
Groove Dimension 40.00 x 48.00 x 6.00

42.00	45.00	46.00
Part No: WDD 0420 0500 060 Groove Dimension: 42.00 x 50.00 x 6.00	Part No: WDD 0450 0530 060 Groove Dimension: 45.00 x 53.00 x 6.00	Part No: WDD 0460 0540 060 Groove Dimension: 46.00 x 54.00 x 6.00
48.00	50.00	52.00
Part No: WDD 0480 0560 060 Groove Dimension: 48.00 x 56.00 x 6.00	Part No: WDD 0500 0580 060 Groove Dimension: 50.00 x 58.00 x 6.00	Part No: WDD 0520 0600 060 Groove Dimension: 52.00 x 60.00 x 6.00
55.00	56.00	60.00
Part No: WDD 0550 0630 060 Groove Dimension: 55.00 x 63.00 x 6.00	Part No: WDD 0560 0640 060 Groove Dimension: 56.00 x 64.00 x 6.00	Part No: WDD 0600 0680 060 Groove Dimension: 60.00 x 68.00 x 6.00
63.00	65.00	70.00
Part No: WDD 0630 0710 060 Groove Dimension: 63.00 x 71.00 x 6.00	Part No: WDD 0650 0730 060 Groove Dimension: 65.00 x 73.00 x 6.00	Part No: WDD 0700 0780 060 Groove Dimension: 70.00 x 78.00 x 6.00
75.00	80.00	85.00
Part No: WDD 0750 0830 060 Groove Dimension: 75.00 x 83.00 x 6.00	Part No: WDD 0800 0880 060 Groove Dimension: 80.00 x 88.00 x 6.00	Part No: WDD 0850 0930 060 Groove Dimension: 85.00 x 93.00 x 6.00
90.00	95.00	100.00
Part No: WDD 0900 0980 060 Groove Dimension: 90.00 x 98.00 x 6.00	Part No: WDD 0950 1030 060 Groove Dimension: 95.00 x 103.00 x 6.00	Part No: WDD 1000 1080 060 Groove Dimension: 100.00 x 108.00 x 6.00
100.00	110.00	115.00
Part No: WDD 1000 1080 060 Groove Dimension: 100.00 x 108.00 x 6.00	Part No: WDD 1100 1220 082 Groove Dimension: 110.00 x 122.00 x 8.20	Part No: WDD 1150 1270 082 Groove Dimension: 115.00 x 127.00 x 8.20



120.00	
Part No	WDD 1200 1320 082
Groove Dimension	120.00 x 132.00 x 8.20

125.00	
Part No	WDD 1250 1370 082
Groove Dimension	125.00 x 137.00 x 8.20

130.00	
Part No	WDD 1300 1420 082
Groove Dimension	130.00 x 142.00 x 8.20

135.00	
Part No	WDD 1350 1470 082
Groove Dimension	135.00 x 147.00 x 8.20

140.00	
Part No	WDD 1400 1520 082
Groove Dimension	140.00 x 152.00 x 8.20

145.00	
Part No	WDD 1450 1570 082
Groove Dimension	145.00 x 157.00 x 8.20

145.00	
Part No	WDD 1450 1570 082
Groove Dimension	145.00 x 157.00 x 8.20

160.00	
Part No	WDD 1600 1720 082
Groove Dimension	160.00 x 172.00 x 8.20

170.00	
Part No	WDD 1700 1820 082
Groove Dimension	170.00 x 182.00 x 8.20

180.00	
Part No	WDD 1800 1920 082
Groove Dimension	180.00 x 192.00 x 8.20

200.00	
Part No	WDD 2000 2120 082
Groove Dimension	200.00 x 212.00 x 8.20

210.00	
Part No	WDD 2100 2250 095
Groove Dimension	210.00 x 225.00 x 9.50

210.00	
Part No	WDD 2100 2250 095
Groove Dimension	210.00 x 225.00 x 9.50

230.00	
Part No	WDD 2300 2450 095
Groove Dimension	230.00 x 245.00 x 9.50

240.00	
Part No	WDD 2400 2550 095
Groove Dimension	240.00 x 255.00 x 9.50

250.00	
Part No	WDD 2500 2650 095
Groove Dimension	250.00 x 265.00 x 9.50

260.00	
Part No	WDD 2600 2750 095
Groove Dimension	260.00 x 275.00 x 9.50

280.00	
Part No	WDD 2800 2950 095
Groove Dimension	280.00 x 295.00 x 9.50

300.00

Part No	WDD 3000 3150 095
Groove Dimension	300.00 x 315.00 x 9.50

400.00

Part No	WDD 4000 4150 095
Groove Dimension	400.00 x 415.00 x 9.50

320.00

Part No	WDD 3200 3350 095
Groove Dimension	320.00 x 335.00 x 9.50

360.00

Part No	WDD 3600 3750 095
Groove Dimension	360.00 x 375.00 x 9.50

TRIADA

WMB

Wiper Seals

#SealingExcellence






Description

The WMB Scraper is a heavy duty Wiper Seal, with an elastomer Inner Lip and a Brass or Stainless Steel Outer Scraping Lip. Even the metal housing of the seal can be supplied in Stainless Steel, on demand. The Brass Lip is radially movable, enabling it to accommodate any radial movement of the Piston Rod. The Elastomer Lip can also be supplied in FKM rubber, for High Temperature or for media compatibility. This style finds application in cylinders where there are possibilities of highly abrasive or hard substrates to settle down, which can damage other type of wiping lips.

Diameter Range	Ø12.00 – Ø300.00 (Larger dia. on request)
Standard material	Main Wiping Element in TRIAFLEX® T591(NBR), Steel casing and External wiping lip in Brass.
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 1.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

Sealing Material	Code	External Wiping Lip Material	Code	Casing Material	Code
TRIAFLEX®	T591 NBR 90	Brass	B	Cold Rolled Steel	M
TRIAFLEX®	T691 FKM 90	Stainless Steel	S	Stainless Steel	S

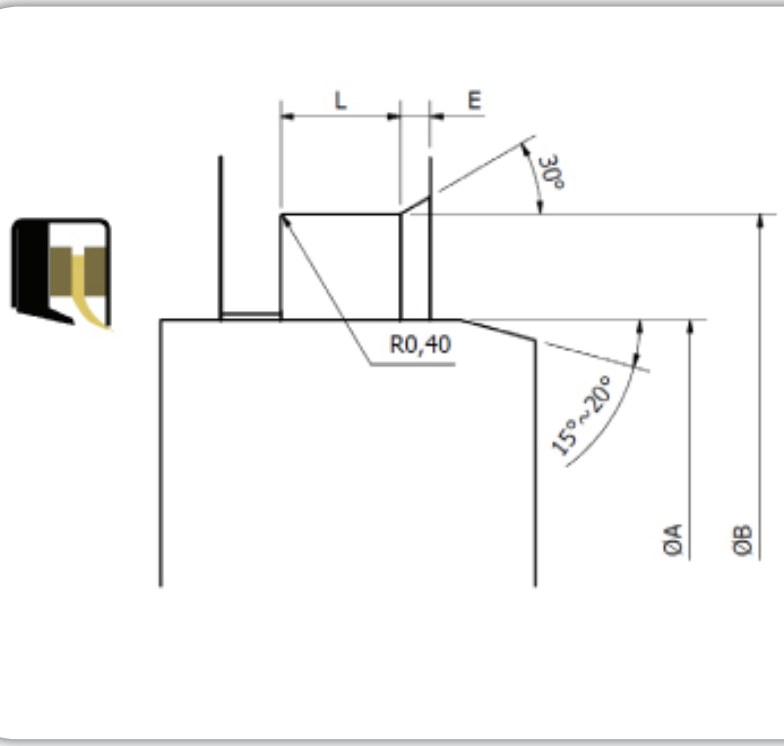
Nomenclature

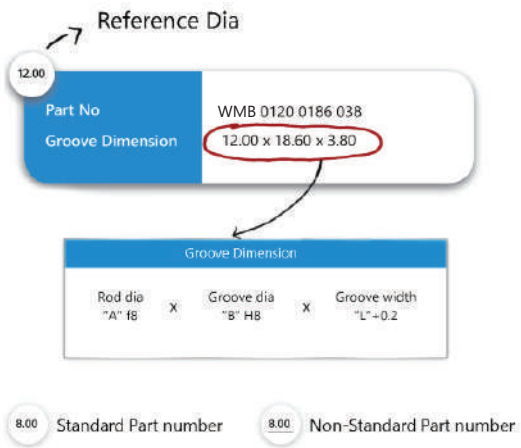
Part No	WMB	1000	1200	090	T591	B	M
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	External Wiping Lip Material Code	Casing Material Code



Groove Details

Rod Diameter range "ØA"	Chamfer Width "E"
12 - 95	2.00
100 - 300	3.00





12.00
Part No WMB 0120 0250 070
Groove Dimension 12.00 x 25.00 x 7.00

14.00
Part No WMB 0140 0270 070
Groove Dimension 14.00 x 27.00 x 7.00

15.00
Part No WMB 0150 0280 070
Groove Dimension 15.00 x 28.00 x 7.00

16.00
Part No WMB 0160 0290 070
Groove Dimension 16.00 x 29.00 x 7.00

18.00
Part No WMB 0180 0310 070
Groove Dimension 18.00 x 31.00 x 7.00

20.00
Part No WMB 0200 0330 070
Groove Dimension 20.00 x 33.00 x 7.00

22.00
Part No WMB 0220 0350 070
Groove Dimension 22.00 x 35.00 x 7.00

25.00
Part No WMB 0250 0380 070
Groove Dimension 25.00 x 38.00 x 7.00

28.00
Part No WMB 0280 0410 070
Groove Dimension 28.00 x 41.00 x 7.00

30.00
Part No WMB 0300 0430 075
Groove Dimension 30.00 x 43.00 x 7.50

32.00
Part No WMB 0320 0450 075
Groove Dimension 32.00 x 45.00 x 7.50

35.00
Part No WMB 0350 0480 075
Groove Dimension 38.00 x 48.00 x 7.50

36.00
Part No WMB 0360 0490 075
Groove Dimension 36.00 x 49.00 x 7.50

38.00
Part No WMB 0380 0510 075
Groove Dimension 38.00 x 51.00 x 7.50

40.00
Part No WMB 0400 0530 075
Groove Dimension 40.00 x 53.00 x 7.50

45.00
Part No WMB 0450 0580 075
Groove Dimension 45.00 x 58.00 x 7.50

50.00
Part No WMB 0500 0640 080
Groove Dimension 50.00 x 64.00 x 8.00

50.00
Part No WMB 0500 0650 079
Groove Dimension 50.00 x 65.00 x 7.90

55.00	
Part No	WMB 0550 0690 080
Groove Dimension	55.00 x 69.00 x 8.00

56.00	
Part No	WMB 0560 0700 080
Groove Dimension	56.00 x 70.00 x 8.00

58.00	
Part No	WMB 0580 0720 080
Groove Dimension	58.00 x 72.00 x 8.00

60.00	
Part No	WMB 0600 0740 080
Groove Dimension	60.00 x 74.00 x 8.00

63.00	
Part No	WMB 0630 0770 080
Groove Dimension	63.00 x 77.00 x 8.00

65.00	
Part No	WMB 0650 0790 080
Groove Dimension	65.00 x 79.00 x 8.00

70.00	
Part No	WMB 0700 0840 080
Groove Dimension	70.00 x 84.00 x 8.00

75.00	
Part No	WMB 0750 0890 080
Groove Dimension	75.00 x 89.00 x 8.00

80.00	
Part No	WMB 0800 0960 085
Groove Dimension	80.00 x 96.00 x 8.50

85.00	
Part No	WMB 0850 1010 085
Groove Dimension	85.00 x 101.00 x 8.50

90.00	
Part No	WMB 0900 1060 085
Groove Dimension	90.00 x 106.00 x 8.50

95.00	
Part No	WMB 0950 1110 085
Groove Dimension	95.00 x 111.00 x 8.50

100.00	
Part No	WMB 1000 1200 090
Groove Dimension	100.00 x 120.00 x 9.00

110.00	
Part No	WMB 1100 1300 090
Groove Dimension	110.00 x 130.00 x 9.00

120.00	
Part No	WMB 1200 1400 090
Groove Dimension	120.00 x 140.00 x 9.00

130.00	
Part No	WMB 1300 1500 090
Groove Dimension	130.00 x 150.00 x 9.00

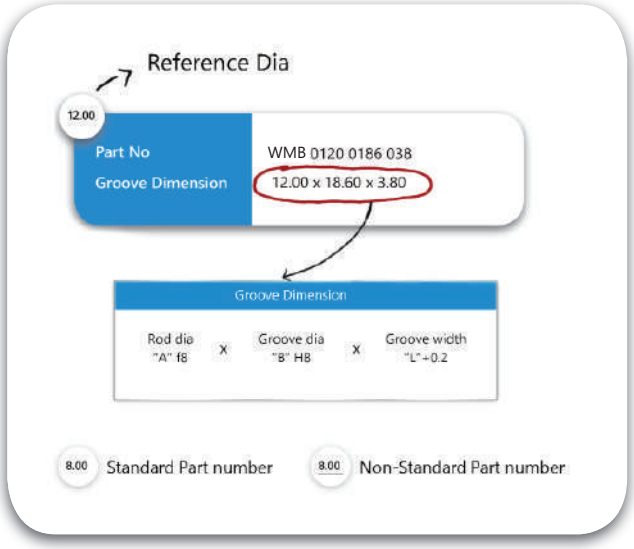
140.00	
Part No	WMB 1400 1600 090
Groove Dimension	140.00 x 160.00 x 9.00

150.00	
Part No	WMB 1500 1700 090
Groove Dimension	150.00 x 170.00 x 9.00

160.00	
Part No	WMB 1600 1800 090
Groove Dimension	160.00 x 180.00 x 9.00

170.00	
Part No	WMB 1700 1900 090
Groove Dimension	170.00 x 190.00 x 9.00

180.00	
Part No	WMB 1800 2000 120
Groove Dimension	180.00 x 200.00 x 12.00



200.00

Part No	WMB 2000 2300 120
Groove Dimension	200.00 x 230.00 x 12.00

220.00

Part No	WMB 2200 2500 120
Groove Dimension	220.00 x 250.00 x 12.00

300.00

Part No	WMB 3000 3300 120
Groove Dimension	300.00 x 330.00 x 12.00

210.00

Part No	WMB 2100 2300 120
Groove Dimension	210.00 x 230.00 x 12.00

250.00

Part No	WMB 2500 2800 120
Groove Dimension	250.00 x 280.00 x 12.00

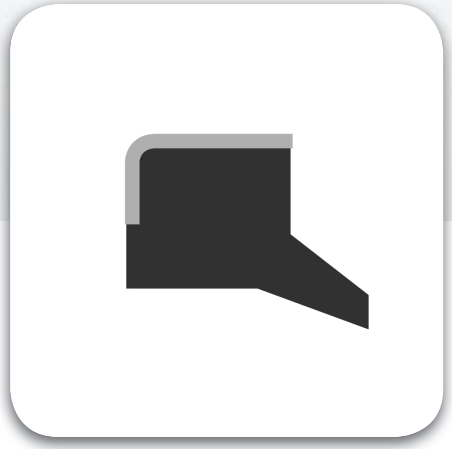
TRIADA

WGN

Wiper Seals

#SealingExcellence



Description

The WGN Wiper is a single acting elastomer Wiper, with metal integration. The lip at the outer edge avoids the dust particles entering into the system for axially moving rods, thus eliminating the damage for other seals and internal components. Unlike wpw profile seal this does not have the danger of rust formation of the front face of the seal in assembled condition.

Diameter Range	Ø6.00 – Ø220.00 (Larger dia. on request)
Standard material	TRIAFLEX® T591 (NBR 90) with metal casing
Temperature(°C)	- 30° C to + 110° C
Speed	< 1.00 m/s
Fluids	Mineral Oils

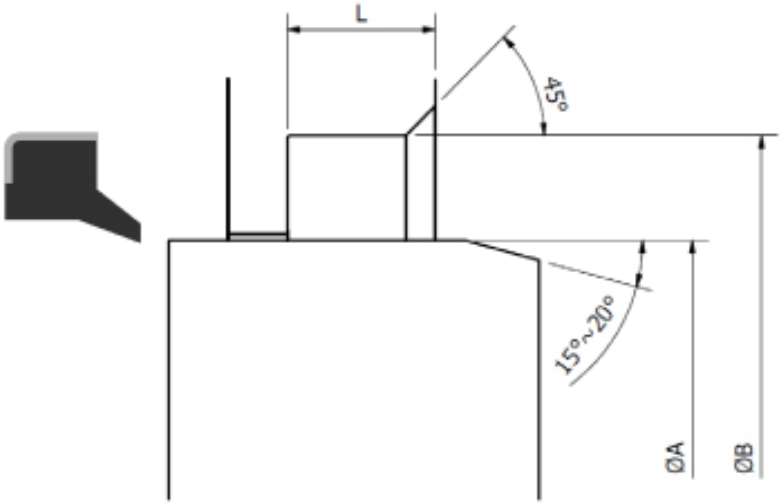
Material Details

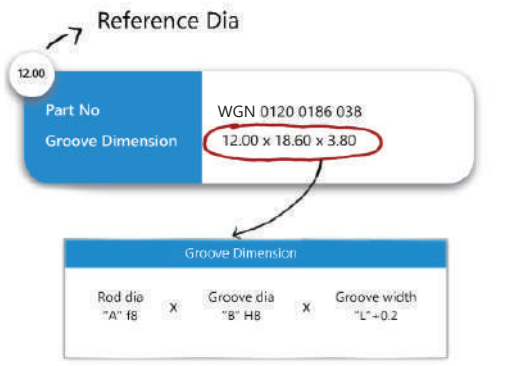
Material	Material Code
TRIAFLEX®	T591 NBR 90
TRIAFLEX®	T691 FKM 90

Nomenclature

Part No	WGN	1050	1150	070	T591
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







12.00
Part No WGN 0120 0220 050
Groove Dimension 12.00 x 22.00 x 5.00

15.00
Part No WGN 0150 0250 050
Groove Dimension 15.00 x 25.00 x 5.00

16.00
Part No WGN 0160 0260 050
Groove Dimension 16.00 x 26.00 x 5.00

20.00
Part No WGN 0200 0260 035
Groove Dimension 20.00 x 26.00 x 3.50

6.00
Part No WGN 0060 0130 030
Groove Dimension 6.00 x 13.00 x 3.00

10.00
Part No WGN 0100 0189 029
Groove Dimension 10.00 x 18.90 x 2.90

12.00
Part No WGN 0120 0180 035
Groove Dimension 12.00 x 18.00 x 3.50

14.00
Part No WGN 0140 0200 030
Groove Dimension 14.00 x 20.00 x 3.00

16.00
Part No WGN 0160 0220 030
Groove Dimension 16.00 x 22.00 x 3.00

18.00
Part No WGN 0180 0280 050
Groove Dimension 18.00 x 28.00 x 5.00

20.00
Part No WGN 0200 0280 035
Groove Dimension 20.00 x 28.00 x 3.50

10.00
Part No WGN 0100 0160 030
Groove Dimension 10.00 x 16.00 x 3.00

10.00
Part No WGN 0100 0200 050
Groove Dimension 10.00 x 20.00 x 5.00

12.00
Part No WGN 0120 0200 040
Groove Dimension 12.00 x 20.00 x 4.00

14.00
Part No WGN 0140 0220 030
Groove Dimension 14.00 x 22.00 x 3.00

16.00
Part No WGN 0160 0240 050
Groove Dimension 16.00 x 24.00 x 5.00

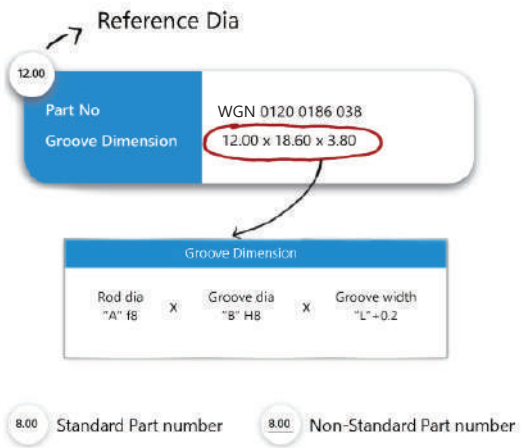
18.00
Part No WGN 0180 0280 070
Groove Dimension 18.00 x 28.00 x 7.00

20.00
Part No WGN 0200 0280 050
Groove Dimension 20.00 x 28.00 x 5.00

20.00	Part No	WGN 0200 0280 050
	Groove Dimension	20.00 x 28.00 x 5.00
20.00	Part No	WGN 0200 0350 070
	Groove Dimension	20.00 x 35.00 x 7.00
22.00	Part No	WGN 0220 0320 050
	Groove Dimension	22.00 x 32.00 x 5.00
24.00	Part No	WGN 0240 0320 050
	Groove Dimension	24.00 x 32.00 x 5.00
25.00	Part No	WGN 0250 0350 070
	Groove Dimension	25.00 x 35.00 x 7.00
28.00	Part No	WGN 0280 0400 070
	Groove Dimension	28.00 x 40.00 x 7.00
30.00	Part No	WGN 0300 0400 070
	Groove Dimension	30.00 x 40.00 x 7.00

20.00	Part No	WGN 0200 0300 050
	Groove Dimension	20.00 x 30.00 x 5.00
22.00	Part No	WGN 0220 0280 050
	Groove Dimension	22.00 x 28.00 x 5.00
22.00	Part No	WGN 0220 0320 070
	Groove Dimension	22.00 x 32.00 x 7.00
25.00	Part No	WGN 0250 0320 050
	Groove Dimension	25.00 x 32.00 x 5.00
28.00	Part No	WGN 0280 0380 050
	Groove Dimension	28.00 x 38.00 x 5.00
30.00	Part No	WGN 0300 0360 050
	Groove Dimension	30.00 x 36.00 x 5.00
30.00	Part No	WGN 0300 0450 050
	Groove Dimension	30.00 x 45.00 x 5.00

20.00	Part No	WGN 0200 0300 070
	Groove Dimension	20.00 x 30.00 x 7.00
22.00	Part No	WGN 0220 0300 040
	Groove Dimension	22.00 x 30.00 x 4.00
22.00	Part No	WGN 0220 0350 050
	Groove Dimension	22.00 x 35.00 x 5.00
25.00	Part No	WGN 0250 0350 050
	Groove Dimension	25.00 x 35.00 x 5.00
28.00	Part No	WGN 0280 0380 070
	Groove Dimension	28.00 x 38.00 x 7.00
30.00	Part No	WGN 0300 0400 050
	Groove Dimension	30.00 x 40.00 x 5.00
32.00	Part No	WGN 0320 0400 040
	Groove Dimension	32.00 x 40.00 x 4.00



35.00	Part No	WGN 0350 0450 070
	Groove Dimension	35.00 x 45.00 x 7.00
36.00	Part No	WGN 0360 0460 050
	Groove Dimension	36.00 x 46.00 x 5.00
38.00	Part No	WGN 0380 0480 070
	Groove Dimension	38.00 x 48.00 x 7.00
40.00	Part No	WGN 0400 0500 070
	Groove Dimension	40.00 x 50.00 x 7.00

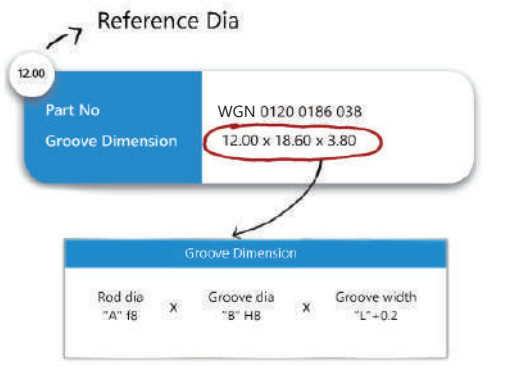
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32.00	Part No	WGN 0320 0450 050
	Groove Dimension	32.00 x 45.00 x 5.00
33.00	Part No	WGN 0330 0430 050
	Groove Dimension	33.00 x 43.00 x 5.00
35.00	Part No	WGN 0350 0470 070
	Groove Dimension	35.00 x 47.00 x 7.00
36.00	Part No	WGN 0360 0460 070
	Groove Dimension	36.00 x 46.00 x 7.00
40.00	Part No	WGN 0400 0460 050
	Groove Dimension	40.00 x 46.00 x 5.00
40.00	Part No	WGN 0400 0520 050
	Groove Dimension	40.00 x 52.00 x 5.00

32.00	Part No	WGN 0320 0450 040
	Groove Dimension	32.00 x 45.00 x 4.00
32.00	Part No	WGN 0320 0450 070
	Groove Dimension	32.00 x 45.00 x 7.00
35.00	Part No	WGN 0350 0450 050
	Groove Dimension	35.00 x 45.00 x 5.00
36.00	Part No	WGN 0360 0450 070
	Groove Dimension	36.00 x 45.00 x 7.00
37.00	Part No	WGN 0370 0470 050
	Groove Dimension	37.00 x 47.00 x 5.00
40.00	Part No	WGN 0400 0500 050
	Groove Dimension	40.00 x 50.00 x 5.00
42.00	Part No	WGN 0420 0520 070
	Groove Dimension	42.00 x 52.00 x 7.00

45.00	Part No	WGN 0450 0535 050
	Groove Dimension	45.00 x 53.50 x 5.00
45.00	Part No	WGN 0450 0600 070
	Groove Dimension	45.00 x 60.00 x 7.00
50.00	Part No	WGN 0500 0600 050
	Groove Dimension	50.00 x 60.00 x 5.00
52.00	Part No	WGN 0520 0620 070
	Groove Dimension	52.00 x 62.00 x 7.00
55.00	Part No	WGN 0550 0650 070
	Groove Dimension	55.00 x 65.00 x 7.00
56.00	Part No	WGN 0560 0650 070
	Groove Dimension	56.00 x 65.00 x 7.00
60.00	Part No	WGN 0600 0700 050
	Groove Dimension	60.00 x 70.00 x 5.00

45.00	Part No	WGN 0450 0550 050
	Groove Dimension	45.00 x 55.00 x 5.00
48.00	Part No	WGN 0480 0600 070
	Groove Dimension	48.00 x 60.00 x 7.00
50.00	Part No	WGN 0500 0600 070
	Groove Dimension	50.00 x 60.00 x 5.00
55.00	Part No	WGN 0550 0630 070
	Groove Dimension	55.00 x 63.00 x 7.00
55.00	Part No	WGN 0550 0700 070
	Groove Dimension	55.00 x 70.00 x 7.00
56.00	Part No	WGN 0560 0660 050
	Groove Dimension	56.00 x 66.00 x 5.00
60.00	Part No	WGN 0600 0700 070
	Groove Dimension	60.00 x 70.00 x 7.00

45.00	Part No	WGN 0450 0550 070
	Groove Dimension	45.00 x 55.00 x 7.00
50.00	Part No	WGN 0500 0560 050
	Groove Dimension	50.00 x 56.00 x 5.00
50.00	Part No	WGN 0500 0650 070
	Groove Dimension	50.00 x 65.00 x 7.00
55.00	Part No	WGN 0550 0650 050
	Groove Dimension	55.00 x 65.00 x 5.00
55.00	Part No	WGN 0550 0800 050
	Groove Dimension	55.00 x 80.00 x 5.00
56.00	Part No	WGN 0560 0660 070
	Groove Dimension	56.00 x 66.00 x 7.00
60.00	Part No	WGN 0600 0740 050
	Groove Dimension	60.00 x 74.00 x 5.00



60.00	Part No	WGN 0600 0750 070 `
	Groove Dimension	60.00 x 75.00 x 7.00
63.00	Part No	WGN 0630 0730 070
	Groove Dimension	63.00 x 73.00 x 7.00
63.00	Part No	WGN 0630 0830 050
	Groove Dimension	63.00 x 83.00 x 5.00
70.00	Part No	WGN 0700 0800 070
	Groove Dimension	70.00 x 80.00 x 7.00
80.00	Part No	WGN 0800 0900 070
	Groove Dimension	80.00 x 90.00 x 7.00
90.00	Part No	WGN 0900 1000 050
	Groove Dimension	90.00 x 100.00 x 5.00
100.00	Part No	WGN 1000 1100 050
	Groove Dimension	100.00 x 110.00 x 5.00

60.00	Part No	WGN 0600 0800 070
	Groove Dimension	60.00 x 80.00 x 7.00
63.00	Part No	WGN 0630 0750 070
	Groove Dimension	63.00 x 75.00 x 7.00
65.00	Part No	WGN 0650 0750 070
	Groove Dimension	65.00 x 75.00 x 7.00
75.00	Part No	WGN 0750 0850 070
	Groove Dimension	75.00 x 85.00 x 7.00
84.00	Part No	WGN 0840 0940 050
	Groove Dimension	84.00 x 94.00 x 5.00
90.00	Part No	WGN 0900 1000 070
	Groove Dimension	90.00 x 100.00 x 7.00
100.00	Part No	WGN 1000 1100 070
	Groove Dimension	100.00 x 110.00 x 7.00

70.00	Part No	WGN 0700 0800 050
	Groove Dimension	70.00 x 80.00 x 5.00
75.00	Part No	WGN 0750 0870 050
	Groove Dimension	75.00 x 87.00 x 5.00
85.00	Part No	WGN 0850 0950 070
	Groove Dimension	85.00 x 95.00 x 7.00
95.00	Part No	WGN 0950 1050 070
	Groove Dimension	95.00 x 105.00 x 7.00

100.00	
Part No	WGN 1000 1150 080
Groove Dimension	100.00 x 115.00 x 8.00
100.00	
Part No	WGN 1000 1150 070
Groove Dimension	100.00 x 115.00 x 7.00
110.00	
Part No	WGN 1100 1200 070
Groove Dimension	110.00 x 120.00 x 7.00
110.00	
Part No	WGN 1100 1250 090
Groove Dimension	110.00 x 125.00 x 9.00
115.00	
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Groove Dimension	115.00 x 125.00 x 7.00
120.00	
Part No	WGN 1200 1300 070
Groove Dimension	120.00 x 130.00 x 7.00
123.00	
Part No	WGN 1230 1470 090
Groove Dimension	123.00 x 147.00 x 9.00
125.00	
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Groove Dimension	125.00 x 135.00 x 7.00
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Groove Dimension	130.00 x 145.00 x 9.00
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135.00	
Part No	WGN 1350 1500 090
Groove Dimension	135.00 x 150.00 x 9.00
140.00	
Part No	WGN 1400 1500 070
Groove Dimension	140.00 x 150.00 x 7.00
140.00	
Part No	WGN 1400 1550 090
Groove Dimension	140.00 x 155.00 x 9.00
150.00	
Part No	WGN 1500 1650 090
Groove Dimension	150.00 x 165.00 x 9.00
160.00	
Part No	WGN 1600 1750 090
Groove Dimension	160.00 x 175.00 x 9.00
170.00	
Part No	WGN 1700 1850 100
Groove Dimension	170.00 x 185.00 x 10.00
180.00	
Part No	WGN 1800 1950 100
Groove Dimension	180.00 x 195.00 x 10.00
200.00	
Part No	WGN 2000 2200 120
Groove Dimension	200.00 x 220.00 x 12.00
210.00	
Part No	WGN 2100 2300 120
Groove Dimension	210.00 x 230.00 x 12.00

TRIADA

WRP

Wiper Seals

#SealingExcellence






Description

The WRP Scraper is an easy to install snap in type Wiper Seals in TRIATHANE® material (Poly-Urethane), which exhibits improved wiping characteristics against harsh environments.

Diameter Range	Ø4.00 – Ø300.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	-30° C to 100° C.
Speed	≤ 0.8 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

Material	Material Code
TRIATHANE®	T479 Poly-Urethane

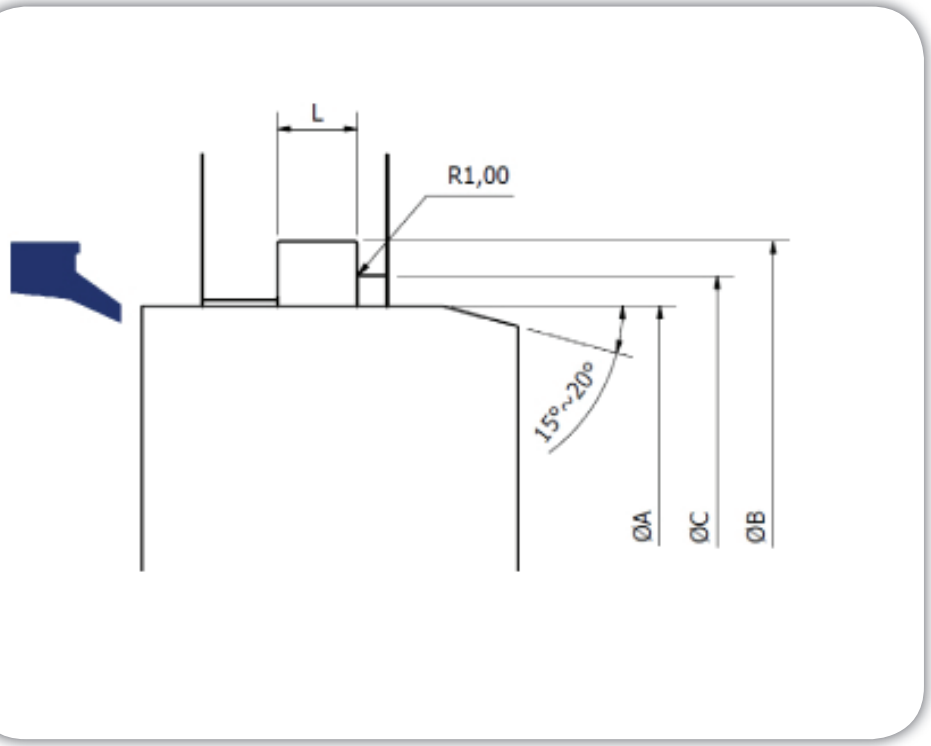
Nomenclature

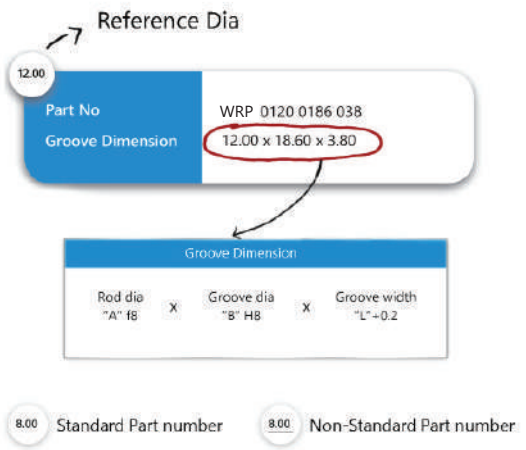
Part No	WRP	1080	1166	053	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

Groove Width "L"	Mouth dia. "Øc"
3.80	'ØA' + 3.00mm
5.30	'ØA' + 3.00mm
6.30	'ØA' + 4.00mm
7.10	'ØA' + 6.00mm
10.10	'ØA' + 8.00mm





4.00

Part No	WRP 0040 0120 030
Groove Dimension	4.00 x 12.00 x 3.00

5.00

Part No	WRP 0050 0120 028
Groove Dimension	5.00 x 12.00 x 2.80

6.00

Part No	WRP 0060 0120 030
Groove Dimension	6.00 x 12.00 x 3.00

8.00

Part No	WRP 0080 0146 038
Groove Dimension	8.00 x 14.60 x 3.80

9.00

Part No	WRP 0090 0130 025
Groove Dimension	9.00 x 13.00 x 2.50

10.00

Part No	WRP 0100 0116 038
Groove Dimension	10.00 x 11.60 x 3.80

10.00

Part No	WRP 0100 0150 038
Groove Dimension	10.00 x 15.00 x 3.80

12.00

Part No	WRP 0120 0186 038
Groove Dimension	12.00 x 18.60 x 3.80

13.00

Part No	WRP 0130 0196 038
Groove Dimension	13.00 x 19.60 x 3.80

14.00

Part No	WRP 0140 0206 038
Groove Dimension	14.00 x 20.60 x 3.80

15.00

Part No	WRP 0150 0216 038
Groove Dimension	15.00 x 21.60 x 3.80

16.00

Part No	WRP 0160 0226 038
Groove Dimension	16.00 x 22.60 x 3.80

16.00

Part No	WRP 0160 0225 030
Groove Dimension	16.00 x 22.50 x 3.00

17.00

Part No	WRP 0170 0236 038
Groove Dimension	17.00 x 23.60 x 3.80

18.00

Part No	WRP 0180 0246 038
Groove Dimension	18.00 x 24.60 x 3.80

20.00

Part No	WRP 0200 0286 053
Groove Dimension	20.00 x 28.60 x 5.30

20.00

Part No	WRP 0200 0260 034
Groove Dimension	20.00 x 26.00 x 3.40

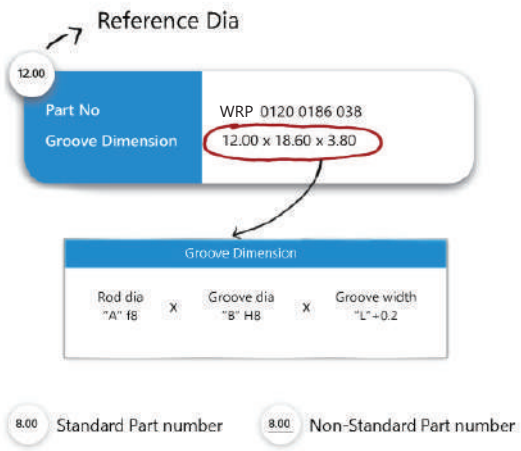
22.00

Part No	WRP 0220 0306 053
Groove Dimension	22.00 x 30.60 x 5.30

22.00	Part No	WRP 0220 0306 022
	Groove Dimension	22.00 x 30.60 x 2.20
25.00	Part No	WRP 0250 0336 053
	Groove Dimension	25.00 x 33.60 x 5.30
30.00	Part No	WRP 0300 0400 030
	Groove Dimension	30.00 x 40.00 x 3.00
35.00	Part No	WRP 0350 0436 053
	Groove Dimension	35.00 x 43.60 x 5.30
36.00	Part No	WRP 0360 0446 053
	Groove Dimension	36.00 x 44.60 x 5.30
40.00	Part No	WRP 0400 0486 053
	Groove Dimension	40.00 x 48.60 x 5.30
45.00	Part No	WRP 0450 0556 053
	Groove Dimension	45.00 x 55.60 x 5.30

24.00	Part No	WRP 0240 0326 053
	Groove Dimension	24.00 x 32.60 x 5.30
28.00	Part No	WRP 0280 0366 053
	Groove Dimension	28.00 x 36.60 x 5.30
32.00	Part No	WRP 0320 0406 053
	Groove Dimension	32.00 x 40.60 x 5.30
35.00	Part No	WRP 0350 0436 050
	Groove Dimension	35.00 x 43.60 x 5.00
38.00	Part No	WRP 0380 0466 053
	Groove Dimension	38.00 x 46.60 x 5.30
42.00	Part No	WRP 0420 0506 053
	Groove Dimension	42.00 x 50.60 x 5.30
45.00	Part No	WRP 0450 0600 042
	Groove Dimension	45.00 x 60.00 x 4.20

24.00	Part No	WRP 0240 0326 022
	Groove Dimension	24.00 x 32.60 x 2.20
30.00	Part No	WRP 0300 0386 053
	Groove Dimension	30.00 x 38.60 x 5.30
32.00	Part No	WRP 0320 0400 037
	Groove Dimension	32.00 x 40.00 x 3.70
35.00	Part No	WRP 0350 0450 040
	Groove Dimension	35.00 x 45.00 x 4.00
38.00	Part No	WRP 0380 0485 048
	Groove Dimension	38.00 x 48.50 x 4.80
45.00	Part No	WRP 0450 0536 053
	Groove Dimension	45.00 x 53.60 x 5.30
46.00	Part No	WRP 0460 0546 053
	Groove Dimension	46.00 x 54.60 x 5.30



55.00	
Part No	WRP 0550 0656 053
Groove Dimension	55.00 x 65.60 x 5.30

60.00	
Part No	WRP 0600 0686 053
Groove Dimension	60.00 x 68.60 x 5.30

61.00	
Part No	WRP 0610 0690 053
Groove Dimension	61.00 x 69.00 x 5.30

65.00	
Part No	WRP 0650 0736 053
Groove Dimension	65.00 x 73.60 x 5.30

48.00	
Part No	WRP 0480 0566 053
Groove Dimension	48.00 x 56.60 x 5.30

50.00	
Part No	WRP 0500 0606 053
Groove Dimension	50.00 x 60.60 x 5.30

53.00	
Part No	WRP 0530 0616 053
Groove Dimension	53.00 x 61.60 x 5.30

56.00	
Part No	WRP 0560 0646 053
Groove Dimension	56.00 x 64.60 x 5.30

60.00	
Part No	WRP 0600 0706 055
Groove Dimension	60.00 x 70.60 x 5.50

63.00	
Part No	WRP 0630 0716 053
Groove Dimension	63.00 x 71.60 x 5.30

65.00	
Part No	WRP 0650 0766 060
Groove Dimension	65.00 x 76.60 x 6.00

50.00	
Part No	WRP 0500 0586 053
Groove Dimension	50.00 x 58.60 x 5.30

50.00	
Part No	WRP 0500 0655 042
Groove Dimension	50.00 x 65.00 x 4.20

55.00	
Part No	WRP 0550 0636 053
Groove Dimension	55.00 x 63.60 x 5.30

56.00	
Part No	WRP 0560 0666 053
Groove Dimension	56.00 x 66.60 x 5.30

60.00	
Part No	WRP 0600 0706 053
Groove Dimension	60.00 x 70.60 x 5.30

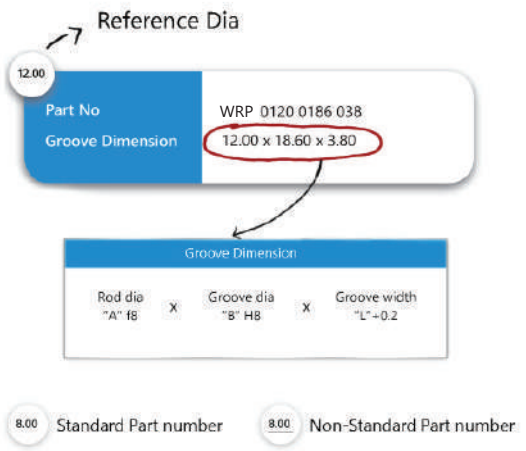
63.00	
Part No	WRP 0630 0736 053
Groove Dimension	63.00 x 73.60 x 5.30

65.00	
Part No	WRP 0650 0756 053
Groove Dimension	65.00 x 75.60 x 5.30

68.00	
Part No	WRP 0680 0760 053
Groove Dimension	68.00 x 76.00 x 5.30
70.00	
Part No	WRP 0700 0800 050
Groove Dimension	70.00 x 80.00 x 5.30
73.00	
Part No	WRP 0730 0816 053
Groove Dimension	73.00 x 81.60 x 5.30
75.00	
Part No	WRP 0750 0872 071
Groove Dimension	75.00 x 87.20 x 7.10
78.00	
Part No	WRP 0780 0860 050
Groove Dimension	78.00 x 86.00 x 5.00
80.00	
Part No	WRP 0800 0992 071
Groove Dimension	80.00 x 99.20 x 7.10
85.00	
Part No	WRP 0850 0936 053
Groove Dimension	85.00 x 93.60 x 5.30

70.00	
Part No	WRP 0700 0786 053
Groove Dimension	70.00 x 78.60 x 5.30
70.00	
Part No	WRP 0700 0800 063
Groove Dimension	70.00 x 80.00 x 6.30
73.00	
Part No	WRP 0730 0836 073
Groove Dimension	73.00 x 83.60 x 7.30
76.00	
Part No	WRP 0760 0840 053
Groove Dimension	76.00 x 84.00 x 5.30
78.00	
Part No	WRP 0780 0886 055
Groove Dimension	78.00 x 88.60 x 5.50
80.00	
Part No	WRP 0800 0955 053
Groove Dimension	80.00 x 95.50 x 5.30
88.00	
Part No	WRP 0880 0960 053
Groove Dimension	88.00 x 96.00 x 5.30

70.00	
Part No	WRP 0700 0826 071
Groove Dimension	70.00 x 82.60 x 7.10
70.00	
Part No	WRP 0700 0855 053
Groove Dimension	70.00 x 85.50 x5.30
75.00	
Part No	WRP 0750 0836 053
Groove Dimension	75.00 x 83.60 x 5.30
78.00	
Part No	WRP 0780 0922 071
Groove Dimension	78.00 x 92.20 x 7.10
80.00	
Part No	WRP 0800 0886 053
Groove Dimension	80.00 x 88.60 x 5.30
85.00	
Part No	WRP 0850 0972 071
Groove Dimension	85.00 x 97.20 x 7.10
90.00	
Part No	WRP 0900 1022 071
Groove Dimension	90.00 x 102.20 x 7.10



99.00	
Part No	WRP 0990 1096 055
Groove Dimension	99.00 x 109.60 x 5.50

105.00	
Part No	WRP 1050 1172 071
Groove Dimension	105.00 x 117.20 x 7.10

108.00	
Part No	WRP 1080 1166 053
Groove Dimension	108.00 x 116.60 x 5.30

112.00	
Part No	WRP 1120 1242 071
Groove Dimension	112.00 x 124.20 x 7.10

90.00	
Part No	WRP 0900 0986 053
Groove Dimension	90.00 x 98.60 x 5.30

92.00	
Part No	WRP 0920 1036 055
Groove Dimension	92.00 x 103.60 x 5.50

95.00	
Part No	WRP 0950 1036 053
Groove Dimension	95.00 x 103.60 x 5.30

100.00	
Part No	WRP 1000 1122 071
Groove Dimension	100.00 x 112.20 x 7.10

105.00	
Part No	WRP 1050 1136 053
Groove Dimension	105.00 x 113.60 x 5.30

110.00	
Part No	WRP 1100 1222 071
Groove Dimension	110.00 x 122.20 x 7.10

115.00	
Part No	WRP 1150 1272 071
Groove Dimension	115.00 x 127.20 x 7.10

91.00	
Part No	WRP 0910 0990 053
Groove Dimension	91.00 x 99.00 x 5.30

95.00	
Part No	WRP 0950 1072 071
Groove Dimension	95.00 x 107.20 x 7.10

97.00	
Part No	WRP 0970 1056 050
Groove Dimension	97.00 x 105.60 x 5.00

100.00	
Part No	WRP 1000 1086 053
Groove Dimension	100.00 x 108.60 x 5.30

107.00	
Part No	WRP 1070 1150 053
Groove Dimension	107.00 x 115.00 x 5.30

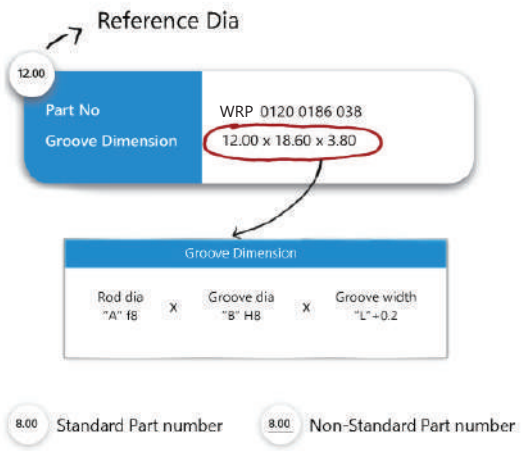
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Part No	WRP 1100 1186 053
Groove Dimension	110.00 x 118.60 x 5.30

115.00	
Part No	WRP 1150 1236 053
Groove Dimension	115.00 x 123.60 x 5.30

118.00	Part No	WRP 1180 1266 053
	Groove Dimension	118.00 x 126.60 x 5.30
120.00	Part No	WRP 1200 1306 055
	Groove Dimension	120.00 x 130.60 x 5.50
125.00	Part No	WRP 1250 1336 053
	Groove Dimension	125.00 x 133.60 x 5.30
128.00	Part No	WRP 1280 1402 071
	Groove Dimension	128.00 x 140.20 x 7.10
135.00	Part No	WRP 1350 1472 071
	Groove Dimension	135.00 x 147.20 x 7.10
140.00	Part No	WRP 1400 1486 060
	Groove Dimension	140.00 x 148.60 x 6.00
141.00	Part No	WRP 1410 1516 055
	Groove Dimension	141.00 x 151.60 x 5.50

120.00	Part No	WRP 1200 1322 071
	Groove Dimension	120.00 x 132.20 x 7.10
120.00	Part No	WRP 1200 1286 053
	Groove Dimension	120.00 x 128.60 x 5.30
125.00	Part No	WRP 1250 1402 101
	Groove Dimension	125.00 x 140.20 x 10.10
130.00	Part No	WRP 1300 1422 071
	Groove Dimension	130.00 x 142.20 x 7.10
140.00	Part No	WRP 1400 1522 071
	Groove Dimension	140.00 x 152.20 x 7.10
140.00	Part No	WRP 1400 1552 101
	Groove Dimension	140.00 x 155.20 x 10.10
143.00	Part No	WRP 1430 1510 050
	Groove Dimension	143.00 x 151.00 x 5.00

120.00	Part No	WRP 1200 1322 071
	Groove Dimension	120.00 x 132.20 x 7.10
125.00	Part No	WRP 1250 1372 071
	Groove Dimension	125.00 x 137.20 x 7.10
126.00	Part No	WRP 1260 1340 053
	Groove Dimension	126.00 x 134.00 x 5.30
130.00	Part No	WRP 1300 1386 053
	Groove Dimension	130.00 x 138.60 x 5.30
140.00	Part No	WRP 1400 1550 090
	Groove Dimension	140.00 x 155.00 x 9.00
140.00	Part No	WRP 1400 1486 053
	Groove Dimension	140.00 x 148.60 x 5.30
145.00	Part No	WRP 1450 1572 071
	Groove Dimension	145.00 x 157.20 x 7.10



160.00
Part No WRP 1600 1686 053
Groove Dimension 160.00 x 168.60 x 5.30

170.00
Part No WRP 1700 1852 101
Groove Dimension 170.00 x 185.20 x 10.10

180.00
Part No WRP 1800 1886 053
Groove Dimension 180.00 x 188.60 x 5.30

183.00
Part No WRP 1830 1936 055
Groove Dimension 183.00 x 193.60 x 5.50

150.00
Part No WRP 1500 1622 071
Groove Dimension 150.00 x 162.20 x 7.10

150.00
Part No WRP 1500 1652 101
Groove Dimension 150.00 x 165.20 x 10.10

160.00
Part No WRP 1600 1752 101
Groove Dimension 160.00 x 175.20 x 10.10

162.00
Part No WRP 1620 1726 055
Groove Dimension 162.00 x 172.60 x 5.50

170.00
Part No WRP 1700 1786 053
Groove Dimension 170.00 x 178.60 x 5.30

180.00
Part No WRP 1800 2000 070
Groove Dimension 180.00 x 200.00 x 7.00

185.00
Part No WRP 1850 1936 053
Groove Dimension 185.00 x 193.60 x 5.30

150.00
Part No WRP 1500 1586 053
Groove Dimension 150.00 x 158.60 x 5.30

155.00
Part No WRP 1550 1636 053
Groove Dimension 155.00 x 163.60 x 5.30

160.00
Part No WRP 1600 1722 071
Groove Dimension 160.00 x 172.20 x 7.10

165.00
Part No WRP 1650 1802 101
Groove Dimension 165.00 x 180.20 x 10.10

180.00
Part No WRP 1800 1952 101
Groove Dimension 180.00 x 195.20 x 10.10

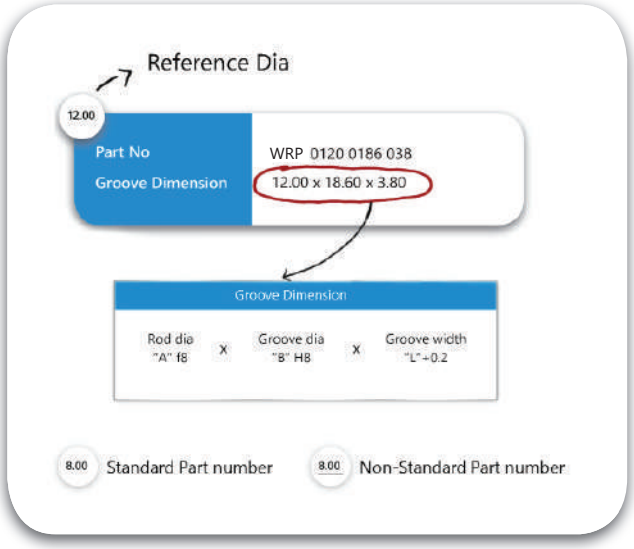
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190.00
Part No WRP 1900 2052 101
Groove Dimension 190.00 x 205.20 x 10.10

190.00	Part No	WRP 1900 2100 101
	Groove Dimension	190.00 x 210.00 x 10.10
200.00	Part No	WRP 2000 2150 095
	Groove Dimension	200.00 x 215.00 x 9.50
205.00	Part No	WRP 2050 2136 053
	Groove Dimension	205.00 x 213.60 x 5.30
220.00	Part No	WRP 2200 2352 101
	Groove Dimension	220.00 x 235.20 x 10.10
228.00	Part No	WRP 2280 2366 053
	Groove Dimension	228.00 x 236.60 x 5.30
250.00	Part No	WRP 2500 2652 101
	Groove Dimension	250.00 x 265.20 x 10.10
275.00	Part No	WRP 2750 2902 101
	Groove Dimension	275.00 x 290.20 x 10.10

190.00	Part No	WRP 1900 1986 053
	Groove Dimension	190.00 x 198.60 x 5.30
200.00	Part No	WRP 2000 2200 102
	Groove Dimension	200.00 x 220.00 x 10.20
207.00	Part No	WRP 2070 2176 055
	Groove Dimension	207.00 x 217.60 x 5.50
220.00	Part No	WRP 2200 2400 101
	Groove Dimension	220.00 x 240.00 x 10.10
230.00	Part No	WRP 2300 2452 101
	Groove Dimension	230.00 x 245.20 x 10.10
260.00	Part No	WRP 2600 2752 101
	Groove Dimension	260.00 x 275.20 x 10.10
280.00	Part No	WRP 2800 3000 101
	Groove Dimension	280.00 x 300.00 x 10.10

200.00	Part No	WRP 2000 2152 101
	Groove Dimension	200.00 x 215.20 x 10.10
200.00	Part No	WRP 2000 2086 053
	Groove Dimension	200.00 x 208.60 x 5.30
210.00	Part No	WRP 2100 2252 101
	Groove Dimension	210.00 x 225.20 x 10.10
221.00	Part No	WRP 2210 2300 051
	Groove Dimension	221.00 x 230.00 x 5.10
240.00	Part No	WRP 2400 2552 101
	Groove Dimension	240.00 x 255.20 x 10.10
270.00	Part No	WRP 2700 2852 101
	Groove Dimension	270.00 x 285.20 x 10.10
280.00	Part No	WRP 2800 2952 101
	Groove Dimension	280.00 x 295.20 x 10.10



290.00

Part No	WRP 2900 3052 101
Groove Dimension	290.00 x 305.20 x 10.10

300.00

Part No	WRP 3000 3152 101
Groove Dimension	300.00 x 315.20 x 10.10

TRIADA

WPP

Wiper Seals

#SealingExcellence






Description

The WPP Scraper is an easy to install snap in type Wiper Seal. Similar to WPN Style but in TRIATHANE® material (Poly-Urethane), better suitable for harsh environment.

Diameter Range	Ø6.00 – Ø180.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	From - 30° C to + 100° C
Speed	< 1.0 m/s
Fluids	Mineral Oils

Material Details

Material	Material Code
TRIATHANE®	T479 Poly-Urethane

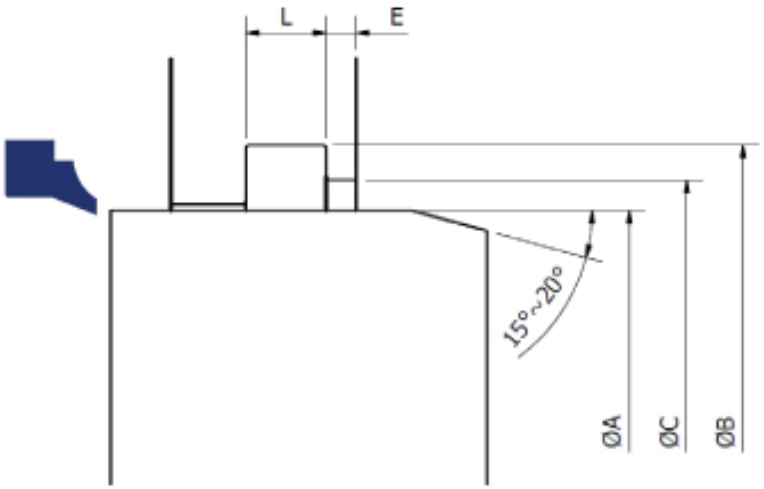
Nomenclature

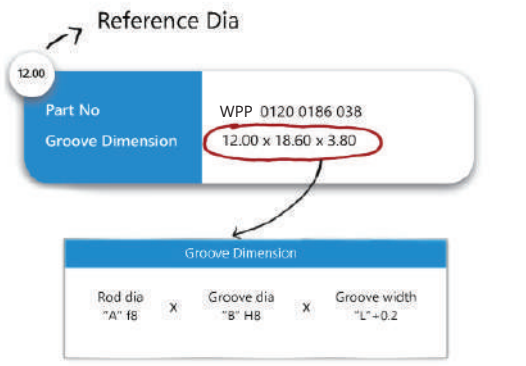
Part No	WPP	1000	1080	040	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

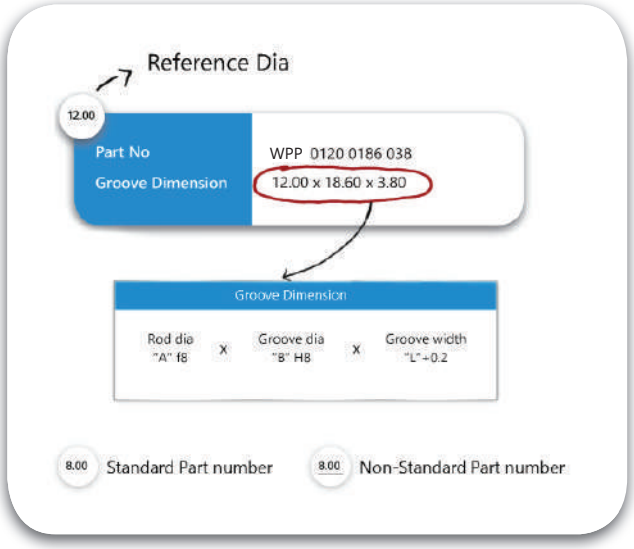
Groove Width "L"	Mouth dia. "ØC"	Mouth Width "E"
2.00mm	'ØA' + 3.00mm	1.00mm
4.00mm	'ØA' + 6.00mm	1.00mm
5.50mm	'ØA' + 9.00mm	1.50mm





6.00	Part No	WPP 0060 0100 020
	Groove Dimension	6.00 x 10.00 x 2.00
7.00	Part No	WPP 0070 0110 020
	Groove Dimension	7.00 x 11.00 x 2.00
12.00	Part No	WPP 0120 0200 040
	Groove Dimension	12.00 x 20.00 x 4.00
12.00	Part No	WPP 0120 0180 026
	Groove Dimension	12.00 x 18.00 x 2.60
16.00	Part No	WPP 0160 0240 040
	Groove Dimension	16.00 x 24.00 x 4.00
18.00	Part No	WPP 0180 0260 040
	Groove Dimension	18.00 x 26.00 x 4.00
20.00	Part No	WPP 0200 0280 040
	Groove Dimension	20.00 x 28.00 x 4.00
22.00	Part No	WPP 0220 0300 040
	Groove Dimension	22.00 x 30.00 x 4.00
24.00	Part No	WPP 0240 0320 040
	Groove Dimension	24.00 x 32.00 x 4.00
25.00	Part No	WPP 0250 0330 040
	Groove Dimension	25.00 x 33.00 x 4.00
28.00	Part No	WPP 0280 0360 040
	Groove Dimension	28.00 x 36.00 x 4.00
30.00	Part No	WPP 0300 0380 040
	Groove Dimension	30.00 x 38.00 x 4.00
32.00	Part No	WPP 0320 0400 040
	Groove Dimension	32.00 x 40.00 x 4.00
35.00	Part No	WPP 0350 0430 040
	Groove Dimension	35.00 x 43.00 x 4.00
36.00	Part No	WPP 0360 0440 040
	Groove Dimension	36.00 x 44.00 x 4.00
38.00	Part No	WPP 0380 0460 040
	Groove Dimension	38.00 x 46.00 x 4.00
40.00	Part No	WPP 0400 0480 040
	Groove Dimension	40.00 x 48.00 x 4.00
42.00	Part No	WPP 0420 0500 040
	Groove Dimension	42.00 x 50.00 x 4.00

45.00	45.00	50.00
Part No: WPP 0450 0530 040 Groove Dimension: 45.00 x 53.00 x 4.00	Part No: WPP 0450 0530 040 Groove Dimension: 45.00 x 53.00 x 4.00	Part No: WPP 0500 0580 040 Groove Dimension: 50.00 x 58.00 x 4.00
54.00	55.00	56.00
Part No: WPP 0540 0620 040 Groove Dimension: 54.00 x 62.00 x 4.00	Part No: WPP 0550 0630 040 Groove Dimension: 55.00 x 63.00 x 4.00	Part No: WPP 0560 0640 040 Groove Dimension: 56.00 x 64.00 x 4.00
60.00	63.00	65.00
Part No: WPP 0600 0680 040 Groove Dimension: 60.00 x 68.00 x 4.00	Part No: WPP 0630 0710 040 Groove Dimension: 63.00 x 71.00 x 4.00	Part No: WPP 0650 0730 040 Groove Dimension: 65.00 x 73.00 x 4.00
70.00	75.00	80.00
Part No: WPP 0700 0780 040 Groove Dimension: 70.00 x 78.00 x 4.00	Part No: WPP 0750 0830 040 Groove Dimension: 75.00 x 83.00 x 4.00	Part No: WPP 0800 0880 040 Groove Dimension: 80.00 x 88.00 x 4.00
85.00	90.00	95.00
Part No: WPP 0850 0930 040 Groove Dimension: 85.00 x 93.00 x 4.00	Part No: WPP 0900 0980 040 Groove Dimension: 90.00 x 98.00 x 4.00	Part No: WPP 0950 1030 040 Groove Dimension: 95.00 x 103.00 x 4.00
100.00	110.00	120.00
Part No: WPP 1000 1080 040 Groove Dimension: 100.00 x 108.00 x 4.00	Part No: WPP 1100 1220 055 Groove Dimension: 110.00 x 122.00 x 5.50	Part No: WPP 1200 1320 055 Groove Dimension: 120.00 x 132.00 x 5.50
125.00	130.00	135.00
Part No: WPP 1250 1370 055 Groove Dimension: 125.00 x 137.00 x 5.50	Part No: WPP 1300 1420 055 Groove Dimension: 130.00 x 142.00 x 5.50	Part No: WPP 1350 1470 055 Groove Dimension: 135.00 x 147.00 x 5.50



140.00

Part No	WPP 1400 1520 055
Groove Dimension	140.00 x 152.00 x 5.50

150.00

Part No	WPP 1500 1620 055
Groove Dimension	150.00 x 162.00 x 5.50

160.00

Part No	WPP 1600 1720 055
Groove Dimension	160.00 x 172.00 x 5.50

180.00

Part No	WPP 1800 1920 055
Groove Dimension	180.00 x 192.00 x 5.50

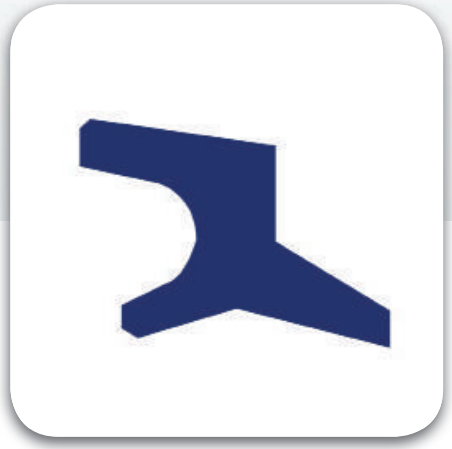
TRIADA

WDR

Wiper Seals

#SealingExcellence



Description

The WDR Wiper is similar to WDD Wiper Seals, but in TRIATHANE® (Poly-Urethane) material and also with different groove dimensions, mostly suggested to be used in conjunction with a back pumping Primary Seal/Secondary Seal, like TRITILT® (RSS Style) Seal. The inner lip holds the film of oil within the system without being leaked out and the outer lip shall prevent any dust particles entering the system.

Diameter Range	Ø4.00 – Ø250.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	-30° C to 100° C.
Speed	≤ 1.00 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

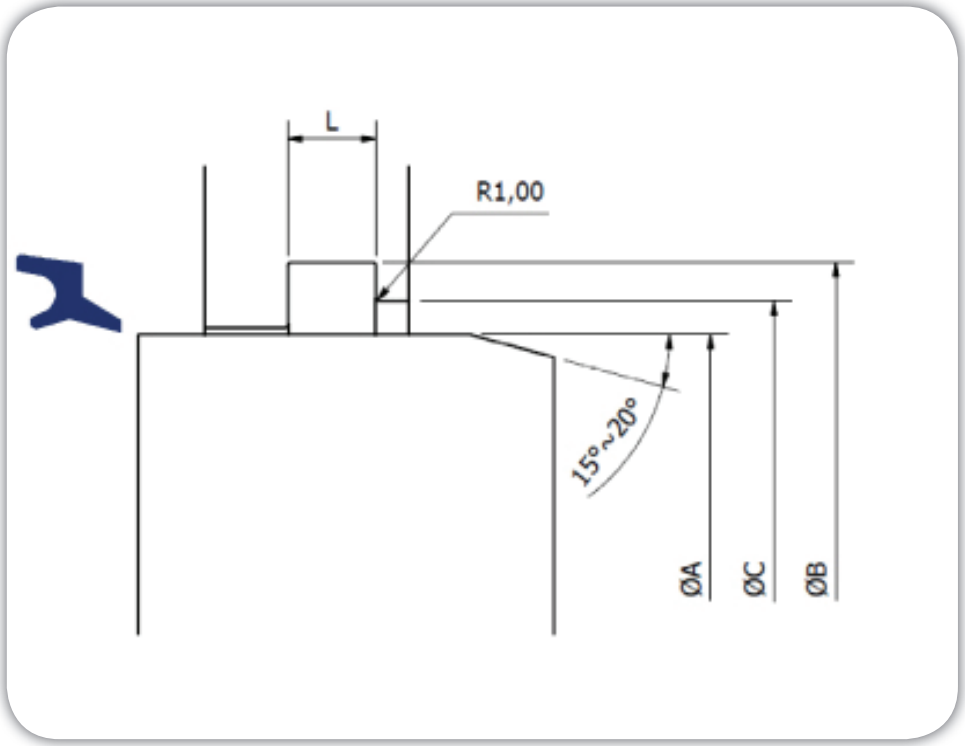
Material	Material Code
TRIATHANE®	T479 Poly-Urethane

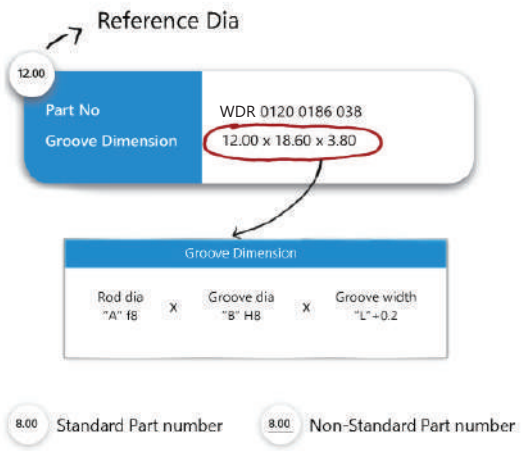
Nomenclature

Part No	WDR	1200	1350	085	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

Groove details

Groove Width "L"	Mouth dia. "ØC"
3.50mm	'ØA' + 2.50mm
4.00mm	'ØA' + 2.50mm
5.30mm	'ØA' + 3.00mm
6.00mm	'ØA' + 3.00mm
7.10mm	'ØA' + 6.00mm
8.50mm	'ØA' + 4.00mm





12.00

Part No	WDR 0120 0180 040
Groove Dimension	12.00 x 18.00 x 4.00

18.00

Part No	WDR 0180 0246 038
Groove Dimension	18.00 x 24.60 x 3.80

20.00

Part No	WDR 0200 0286 053
Groove Dimension	20.00 x 28.60 x 5.30

22.00

Part No	WDR 0220 0280 040
Groove Dimension	22.00 x 28.00 x 4.00

4.00

Part No	WDR 0040 0090 035
Groove Dimension	4.00 x 9.00 x 3.50

6.00

Part No	WDR 0060 0110 035
Groove Dimension	6.00 x 11.00 x 3.50

10.00

Part No	WDR 0100 0160 040
Groove Dimension	10.00 x 16.00 x 4.00

14.00

Part No	WDR 0140 0200 040
Groove Dimension	14.00 x 20.00 x 4.00

18.00

Part No	WDR 0180 0240 040
Groove Dimension	18.00 x 24.00 x 4.00

20.00

Part No	WDR 0200 0260 040
Groove Dimension	20.00 x 26.00 x 4.00

24.00

Part No	WDR 0240 0326 053
Groove Dimension	24.00 x 32.60 x 5.30

5.00

Part No	WDR 0050 0100 035
Groove Dimension	5.00 x 10.00 x 3.50

8.00

Part No	WDR 0080 0130 035
Groove Dimension	8.00 x 13.00 x 3.50

12.00

Part No	WDR 0120 0186 038
Groove Dimension	12.00 x 18.60 x 3.80

16.00

Part No	WDR 0160 0220 040
Groove Dimension	16.00 x 22.00 x 4.00

18.00

Part No	WDR 0180 0260 050
Groove Dimension	18.00 x 26.00 x 5.00

22.00

Part No	WDR 0220 0306 053
Groove Dimension	22.00 x 30.60 x 5.30

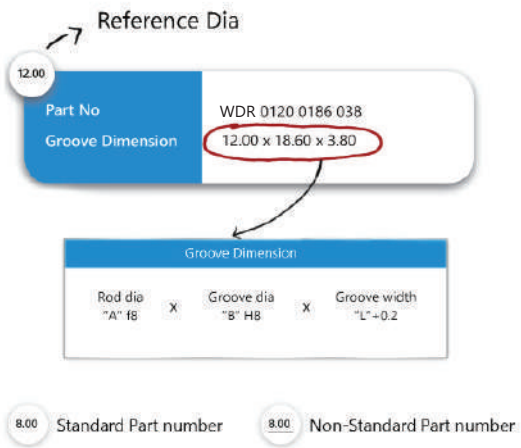
25.00

Part No	WDR 0250 0336 053
Groove Dimension	25.00 x 33.60 x 5.30

25.00	
Part No	WDR 0250 0310 040
Groove Dimension	25.00 x 31.00 x 4.00
30.00	
Part No	WDR 0300 0386 053
Groove Dimension	30.00 x 38.60 x 5.30
32.00	
Part No	WDR 0320 0400 050
Groove Dimension	32.00 x 40.00 x 5.00
36.00	
Part No	WDR 0360 0446 053
Groove Dimension	36.00 x 44.60 x 5.30
40.00	
Part No	WDR 0400 0486 053
Groove Dimension	40.00 x 48.60 x 5.30
45.00	
Part No	WDR 0450 0536 053
Groove Dimension	45.00 x 53.60 x 5.30
50.00	
Part No	WDR 0500 0580 050
Groove Dimension	50.00 x 58.00 x 5.00

28.00	
Part No	WDR 0280 0366 053
Groove Dimension	28.00 x 36.60 x 5.30
30.00	
Part No	WDR 0300 0380 050
Groove Dimension	30.00 x 38.00 x 5.00
35.00	
Part No	WDR 0350 0436 053
Groove Dimension	35.00 x 43.60 x 5.30
36.00	
Part No	WDR 0360 0440 050
Groove Dimension	36.00 x 44.00 x 5.00
40.00	
Part No	WDR 0400 0480 050
Groove Dimension	40.00 x 48.00 x 5.00
45.00	
Part No	WDR 0450 0530 050
Groove Dimension	45.00 x 53.00 x 5.00
50.00	
Part No	WDR 0500 0580 040
Groove Dimension	50.00 x 58.00 x 4.00

28.00	
Part No	WDR 0280 0360 050
Groove Dimension	28.00 x 36.00 x 5.00
32.00	
Part No	WDR 0320 0406 053
Groove Dimension	32.00 x 40.60 x 5.30
35.00	
Part No	WDR 0350 0430 050
Groove Dimension	35.00 x 43.00 x 5.00
38.00	
Part No	WDR 0380 0466 053
Groove Dimension	38.00 x 46.60 x 5.30
42.00	
Part No	WDR 0420 0500 050
Groove Dimension	42.00 x 50.00 x 5.00
50.00	
Part No	WDR 0500 0586 053
Groove Dimension	50.00 x 58.60 x 5.30
55.00	
Part No	WDR 0550 0636 053
Groove Dimension	55.00 x 63.60 x 5.30



63.00

Part No	WDR 0630 0716 053
Groove Dimension	63.00 x 71.60 x 5.30

65.00

Part No	WDR 0650 0750 060
Groove Dimension	65.00 x 75.00 x 6.00

75.00

Part No	WDR 0750 0836 053
Groove Dimension	75.00 x 83.60 x 5.30

80.00

Part No	WDR 0800 0886 053
Groove Dimension	80.00 x 88.60 x 5.30

55.00

Part No	WDR 0550 0650 060
Groove Dimension	55.00 x 65.00 x 6.00

56.00

Part No	WDR 0560 0660 060
Groove Dimension	56.00 x 66.00 x 6.00

60.00

Part No	WDR 0600 0686 053
Groove Dimension	60.00 x 68.60 x 5.30

63.00

Part No	WDR 0630 0730 060
Groove Dimension	63.00 x 73.00 x 6.00

70.00

Part No	WDR 0700 0786 053
Groove Dimension	70.00 x 78.60 x 5.30

75.00

Part No	WDR 0750 0850 060
Groove Dimension	75.00 x 85.00 x 6.00

80.00

Part No	WDR 0800 0900 060
Groove Dimension	80.00 x 90.00 x 6.00

56.00

Part No	WDR 0560 0646 053
Groove Dimension	56.00 x 64.60 x 5.30

58.00

Part No	WDR 0580 0680 060
Groove Dimension	58.00 x 68.00 x 6.00

60.00

Part No	WDR 0600 0700 060
Groove Dimension	60.00 x 70.00 x 6.00

65.00

Part No	WDR 0650 0736 053
Groove Dimension	65.00 x 73.60 x 5.30

70.00

Part No	WDR 0700 0800 060
Groove Dimension	70.00 x 80.00 x 6.00

78.00

Part No	WDR 0780 0880 060
Groove Dimension	78.00 x 88.00 x 6.00

85.00

Part No	WDR 0850 0972 071
Groove Dimension	85.00 x 97.20 x 7.10

85.00	
Part No	WDR 0850 0950 060
Groove Dimension	85.00 x 95.00 x 6.00

90.00	
Part No	WDR 0900 1022 071
Groove Dimension	90.00 x 102.20 x 7.10

90.00	
Part No	WDR 0900 1000 060
Groove Dimension	90.00 x 100.00 x 6.00

100.00	
Part No	WDR 1000 1122 071
Groove Dimension	100.00 x 112.20 x 7.10

100.00	
Part No	WDR 1000 1100 060
Groove Dimension	100.00 x 110.00 x 6.00

110.00	
Part No	WDR 1100 1222 071
Groove Dimension	110.00 x 122.20 x 7.10

110.00	
Part No	WDR 1100 1250 085
Groove Dimension	110.00 x 125.00 x 8.50

120.00	
Part No	WDR 1200 1350 085
Groove Dimension	120.00 x 135.00 x 8.50

125.00	
Part No	WDR 1250 1400 085
Groove Dimension	125.00 x 140.00 x 8.50

140.00	
Part No	WDR 1400 1550 085
Groove Dimension	140.00 x 155.00 x 8.50

150.00	
Part No	WDR 1500 1650 085
Groove Dimension	150.00 x 165.00 x 8.50

160.00	
Part No	WDR 1600 1750 085
Groove Dimension	160.00 x 175.00 x 8.50

180.00	
Part No	WDR 1800 1950 085
Groove Dimension	180.00 x 195.00 x 8.50

240.00	
Part No	WDR 2400 2550 085
Groove Dimension	240.00 x 255.00 x 8.50

TRIADA

WDU

Wiper Seals

#SealingExcellence






Description

WDU Wiper is a Double Lip Wiper in TRIATHANE® (Poly-Urethane) compound, designed to work at severe operating conditions. The Lip at the outer edge is designed in such a way that, it avoids the attack of dirt entering into the system for axial and side steering of moving rods.

Diameter Range	Ø45.00 – Ø280.00 (Larger dia. on re-
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	From - 30° C to + 100° C
Speed	< 1.0 m/s
Fluids	Mineral Oils

Material Details

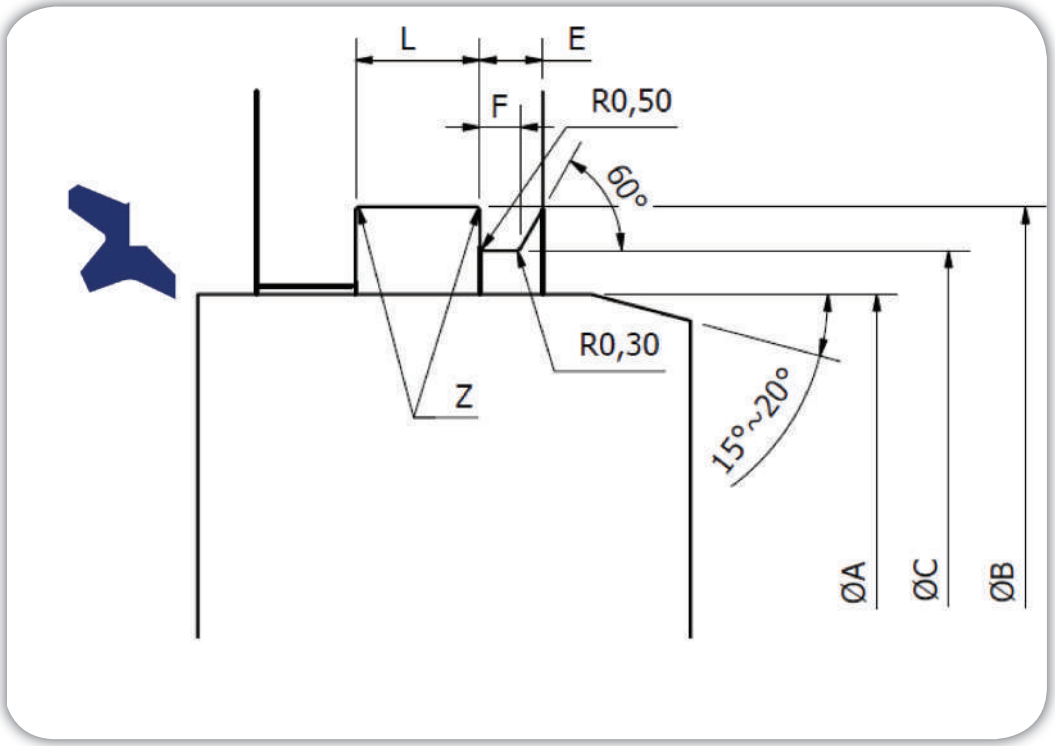
Material	Material Code
TRIATHANE®	T479 Poly-Urethane

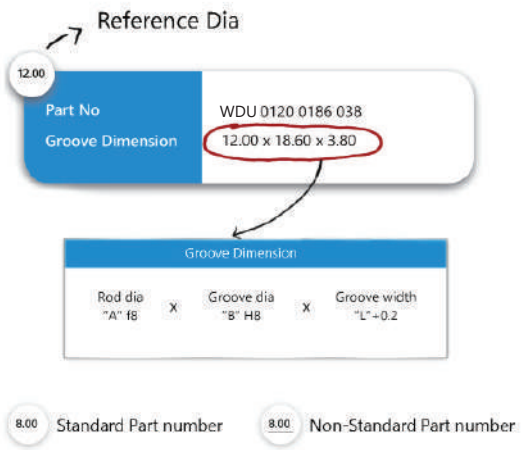
Nomenclature

Part No	WDU	1000	1122	081	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

Groove details

Groove Width "L"	Step dia. "ØC"	Mouth Width "E"	Width "F"	Radius "Z"
5.50mm	'ØA' + 4.60mm	3.20mm	2.00mm	1.20mm
6.30mm	'ØA' + 4.40mm	3.20mm	2.00mm	1.20mm
8.10mm	'ØA' + 6.00mm	4.00mm	2.50mm	1.60mm
9.50mm	'ØA' + 8.00mm	5.00mm	3.00mm	2.00mm





45.00

Part No	WDU 0450 0538 063
Groove Dimension	45.00 x 53.80 x 6.30

50.00

Part No	WDU 0500 0588 063
Groove Dimension	50.00 x 58.80 x 6.30

55.00

Part No	WDU 0550 0650 055
Groove Dimension	55.00 x 65.00 x 5.50

60.00

Part No	WDU 0600 0688 063
Groove Dimension	60.00 x 68.80 x 6.30

70.00

Part No	WDU 0700 0822 081
Groove Dimension	70.00 x 82.20 x 8.10

75.00

Part No	WDU 0750 0872 081
Groove Dimension	75.00 x 87.20 x 8.10

80.00

Part No	WDU 0800 0922 081
Groove Dimension	80.00 x 92.20 x 8.10

85.00

Part No	WDU 0850 0972 081
Groove Dimension	85.00 x 97.20 x 8.10

90.00

Part No	WDU 0900 1022 081
Groove Dimension	90.00 x 102.20 x 8.10

95.00

Part No	WDU 0950 1072 081
Groove Dimension	95.00 x 107.20 x 8.10

100.00

Part No	WDU 1000 1122 081
Groove Dimension	100.00 x 112.20 x 8.10

105.00

Part No	WDU 1050 1172 081
Groove Dimension	105.00 x 117.20 x 8.10

110.00

Part No	WDU 1100 1222 081
Groove Dimension	110.00 x 122.20 x 8.10

125.00

Part No	WDU 1250 1372 081
Groove Dimension	125.00 x 137.20 x 8.10

130.00

Part No	WDU 1300 1422 081
Groove Dimension	130.00 x 142.20 x 8.10

140.00

Part No	WDU 1400 1560 095
Groove Dimension	140.00 x 156.00 x 9.50

150.00

Part No	WDU 1500 1660 095
Groove Dimension	150.00 x 166.00 x 9.50

160.00

Part No	WDU 1600 1760 095
Groove Dimension	160.00 x 176.00 x 9.50

170.00

Part No	WDU 1700 1860 095
Groove Dimension	170.00 x 186.00 x 9.50

180.00

Part No	WDU 1800 1960 095
Groove Dimension	180.00 x 196.00 x 9.50

190.00

Part No	WDU 1900 2060 095
Groove Dimension	190.00 x 206.00 x 9.50

200.00

Part No	WDU 2000 2160 095
Groove Dimension	200.00 x 216.00 x 9.50

220.00

Part No	WDU 2200 2360 095
Groove Dimension	220.00 x 236.00 x 9.50

240.00

Part No	WDU 2400 2560 095
Groove Dimension	240.00 x 256.00 x 9.50

250.00

Part No	WDU 2500 2600 095
Groove Dimension	250.00 x 260.00 x 9.50

260.00

Part No	WDU 2600 2760 095
Groove Dimension	260.00 x 276.00 x 9.50

280.00

Part No	WDU 2800 2960 095
Groove Dimension	280.00 x 296.00 x 9.50

TRIADA

WDP

Wiper Seals

#SealingExcellence






Description

The WDP Wiper is similar to WDD Wiper Seals but in TRIATHANE® (Poly-Urethane) material, mostly suggested to be used in conjunction with a back pumping Primary Seal/Secondary Seal like TRITILT® (RSS style) Seal. The inner lip holds the film of oil within the system without being leaked out and the outer lip shall prevent any dust particles entering the system.

Diameter Range	Ø4.00 – Ø280.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	From - 30° C to + 100° C
Speed	≤ 1.00 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

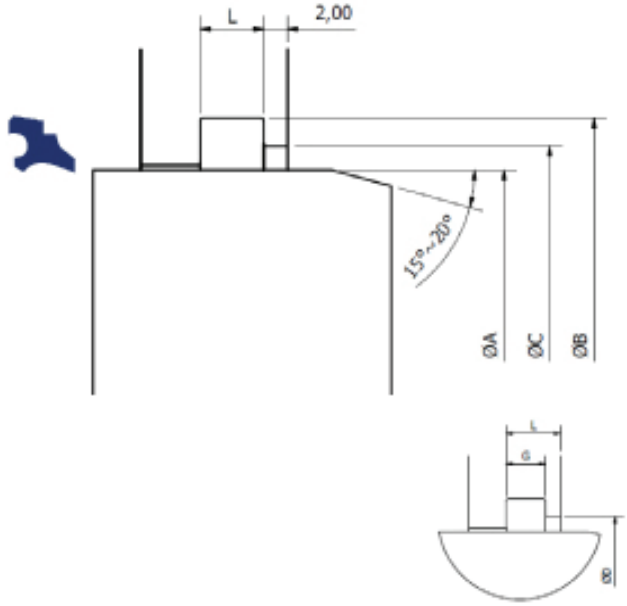
Material	Material Code
TRIATHANE®	T479 Poly-Urethane

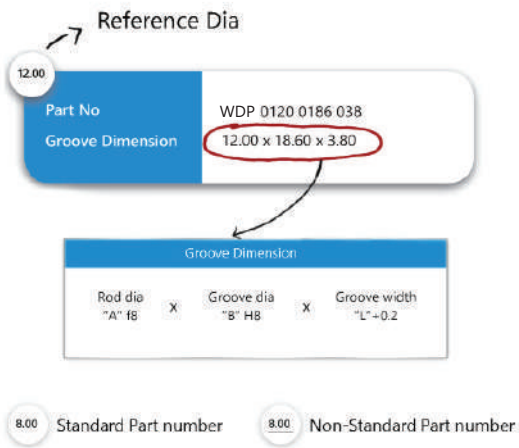
Nomenclature

Part No	WDP	1250	1370	082	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

Groove details

Rod Diameter range	Mouth Groove dia. "ØC"	Mouth Groove dia. "ØD"	Width "G"	Width "L"
10 - 100	'ØA' + 3.50mm	'ØA' + 6.00mm	6.00mm	4.00mm
105 - 210	'ØA' + 5.00mm	'ØA' + 9.00mm	8.20mm	5.50mm





10.00

Part No	WDP 0100 0180 060
Groove Dimension	10.00 x 18.00 x 6.00

12.00

Part No	WDP 0120 0200 060
Groove Dimension	12.00 x 20.00 x 6.00

14.00

Part No	WDP 0140 0220 060
Groove Dimension	14.00 x 22.00 x 6.00

15.00

Part No	WDP 0150 0230 060
Groove Dimension	15.00 x 23.00 x 6.00

16.00

Part No	WDP 0160 0240 060
Groove Dimension	16.00 x 24.00 x 6.00

18.00

Part No	WDP 0180 0260 060
Groove Dimension	18.00 x 26.00 x 6.00

20.00

Part No	WDP 0200 0280 060
Groove Dimension	20.00 x 28.00 x 6.00

22.00

Part No	WDP 0220 0300 060
Groove Dimension	22.00 x 30.00 x 6.00

25.00

Part No	WDP 0250 0330 060
Groove Dimension	25.00 x 33.00 x 6.00

28.00

Part No	WDP 0280 0360 060
Groove Dimension	28.00 x 36.00 x 6.00

30.00

Part No	WDP 0300 0380 060
Groove Dimension	30.00 x 38.00 x 6.00

32.00

Part No	WDP 0320 0400 060
Groove Dimension	32.00 x 40.00 x 6.00

35.00

Part No	WDP 0350 0430 060
Groove Dimension	35.00 x 43.00 x 6.00

36.00

Part No	WDP 0360 0440 060
Groove Dimension	36.00 x 44.00 x 6.00

40.00

Part No	WDP 0400 0480 060
Groove Dimension	40.00 x 48.00 x 6.00

42.00

Part No	WDP 0420 0500 060
Groove Dimension	42.00 x 50.00 x 6.00

45.00

Part No	WDP 0450 0530 060
Groove Dimension	45.00 x 53.00 x 6.00

50.00

Part No	WDP 0500 0580 060
Groove Dimension	50.00 x 58.00 x 6.00

55.00	Part No	WDP 0550 0630 060
	Groove Dimension	55.00 x 63.00 x 6.00
56.00	Part No	WDP 0560 0640 060
	Groove Dimension	56.00 x 64.00 x 6.00
60.00	Part No	WDP 0600 0680 060
	Groove Dimension	60.00 x 68.00 x 6.00
63.00	Part No	WDP 0630 0710 060
	Groove Dimension	63.00 x 71.00 x 6.00
65.00	Part No	WDP 0650 0730 060
	Groove Dimension	65.00 x 73.00 x 6.00
70.00	Part No	WDP 0700 0780 060
	Groove Dimension	70.00 x 78.00 x 6.00
75.00	Part No	WDP 0750 0830 060
	Groove Dimension	75.00 x 83.00 x 6.00
80.00	Part No	WDP 0800 0880 060
	Groove Dimension	80.00 x 88.00 x 6.00
85.00	Part No	WDP 0850 0930 060
	Groove Dimension	85.00 x 93.00 x 6.00
90.00	Part No	WDP 0900 0980 060
	Groove Dimension	90.00 x 98.00 x 6.00
100.00	Part No	WDP 1000 1080 060
	Groove Dimension	100.00 x 108.00 x 6.00
105.00	Part No	WDP 1050 1170 082
	Groove Dimension	105.00 x 117.00 x 8.20
115.00	Part No	WDP 1150 1270 082
	Groove Dimension	115.00 x 127.00 x 8.20
120.00	Part No	WDP 1200 1320 082
	Groove Dimension	120.00 x 132.00 x 8.20
125.00	Part No	WDP 1250 1370 082
	Groove Dimension	125.00 x 137.00 x 8.20
130.00	Part No	WDP 1300 1420 082
	Groove Dimension	130.00 x 142.00 x 8.20

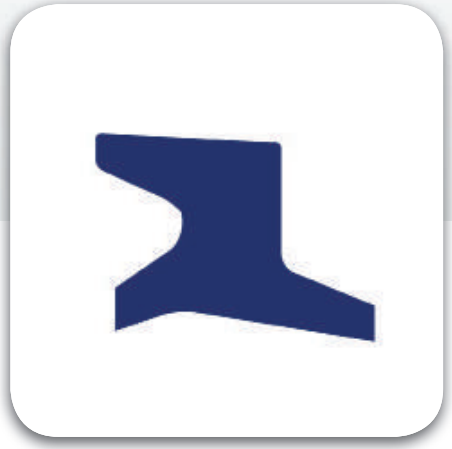
TRIADA

WED

Wiper Seals

#SealingExcellence



Description

The WED Wiper is similar to WDD style Wiper Seals, but in TRIATHANE® (Poly-Urethane) compound and different groove dimensions, mostly suggested to be used in conjunction with a back pumping Primary Seal/ Secondary Seal, like TRITILT® (RSS style) Seal. The inner lip holds the film of oil within the system without being leaked out and the outer lip shall prevent any dust particles entering the system.

Diameter Range	Ø6.00 – Ø280.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	-30° C to 100° C.
Speed	≤ 1.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

Material	Material Code
TRIATHANE®	T479 Poly-Urethane

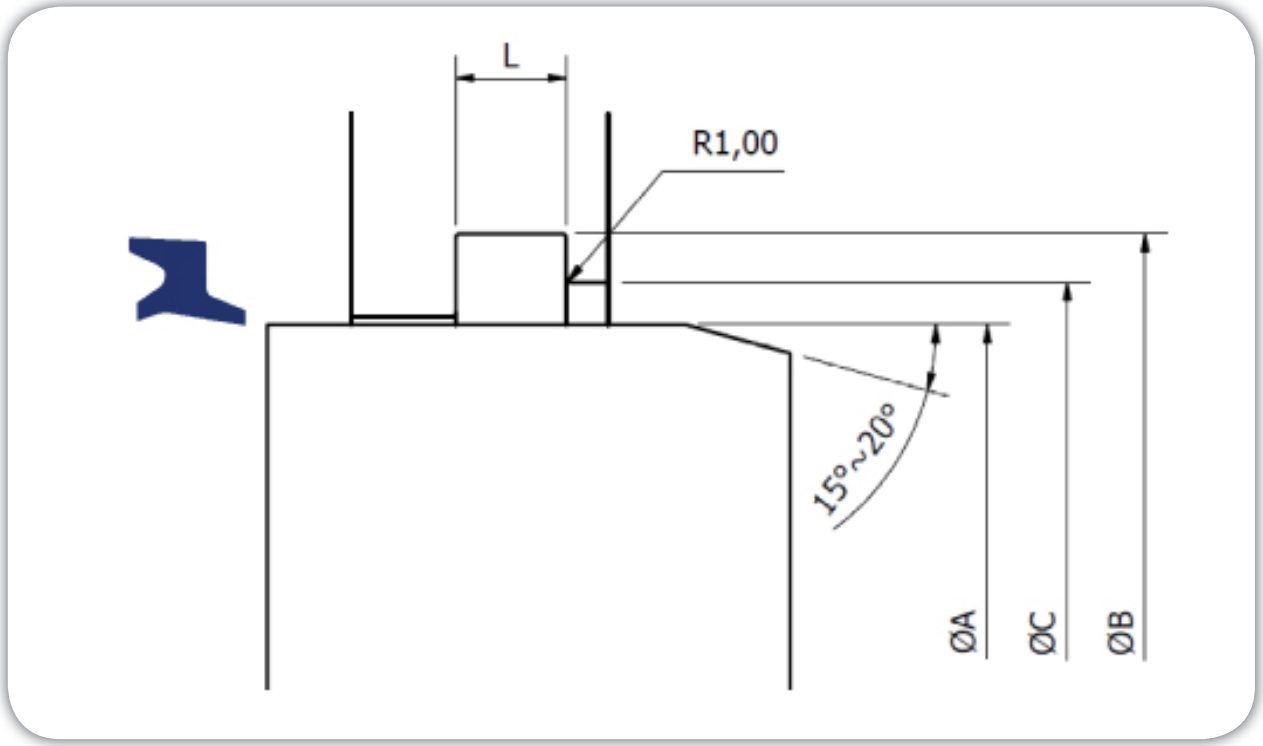
Nomenclature

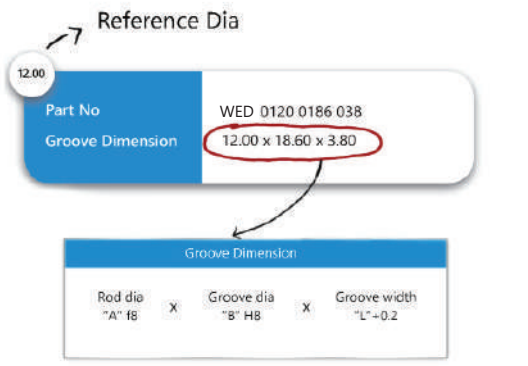
Part No	WED	1200	1350	085	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

Groove Width "L"	Mouth dia. "ØC"
3.50mm	'ØA' + 2.50mm
4.00mm	'ØA' + 2.50mm
5.30mm	'ØA' + 3.00mm
6.00mm	'ØA' + 3.00mm
7.10mm	'ØA' + 6.00mm
8.50mm	'ØA' + 4.00mm





14.00

Part No	WED 0140 0206 038
Groove Dimension	14.00 x 20.60 x 3.80

18.00

Part No	WED 0180 0246 038
Groove Dimension	18.00 x 24.60 x 3.80

22.00

Part No	WED 0220 0280 040
Groove Dimension	22.00 x 28.00 x 4.00

25.00

Part No	WED 0250 0310 040
Groove Dimension	25.00 x 31.00 x 4.00

6.00

Part No	WED 0060 0110 035
Groove Dimension	6.00 x 11.00 x 3.50

10.00

Part No	WED 0100 0160 040
Groove Dimension	10.00 x 16.00 x 4.00

12.00

Part No	WED 0120 0186 040
Groove Dimension	12.00 x 18.60 x 4.00

16.00

Part No	WED 0160 0220 040
Groove Dimension	16.00 x 22.00 x 4.00

20.00

Part No	WED 0200 0260 040
Groove Dimension	20.00 x 26.00 x 4.00

22.00

Part No	WED 0220 0306 053
Groove Dimension	22.00 x 30.60 x 5.30

25.00

Part No	WED 0250 0336 053
Groove Dimension	25.00 x 33.60 x 5.30

8.00

Part No	WED 0080 0130 035
Groove Dimension	8.00 x 13.00 x 3.50

12.00

Part No	WED 0120 0180 040
Groove Dimension	12.00 x 18.00 x 4.00

14.00

Part No	WED 0140 0200 040
Groove Dimension	14.00 x 20.00 x 4.00

18.00

Part No	WED 0180 0240 040
Groove Dimension	18.00 x 24.00 x 4.00

20.00

Part No	WED 0200 0286 053
Groove Dimension	20.00 x 28.60 x 5.30

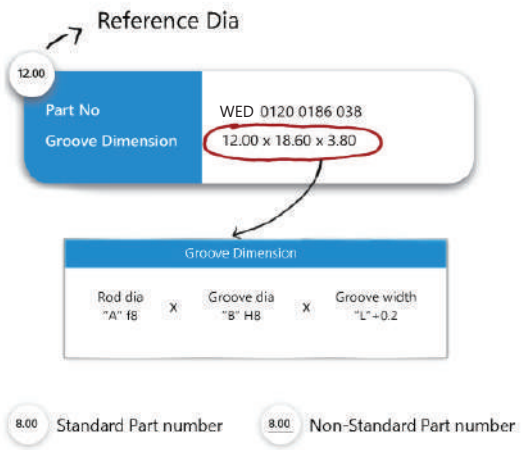
24.00

Part No	WED 0240 0326 053
Groove Dimension	24.00 x 32.60 x 5.30

28.00

Part No	WED 0280 0360 050
Groove Dimension	28.00 x 36.00 x 5.00

28.00	30.00	30.00
Part No: WED 0280 0366 053 Groove Dimension: 28.00 x 36.60 x 5.30	Part No: WED 0300 0380 050 Groove Dimension: 30.00 x 38.00 x 5.00	Part No: WED 0300 0386 053 Groove Dimension: 30.00 x 38.60 x 5.30
32.00	32.00	35.00
Part No: WED 0320 0400 050 Groove Dimension: 32.00 x 40.00 x 5.00	Part No: WED 0320 0406 053 Groove Dimension: 32.00 x 40.60 x 5.30	Part No: WED 0350 0436 050 Groove Dimension: 35.00 x 43.60 5.00
35.00	35.00	36.00
Part No: WED 0350 0436 053 Groove Dimension: 35.00 x 43.60 x 5.30	Part No: WED 0350 0450 050 Groove Dimension: 35.00 x 45.00 x5.00	Part No: WED 0360 0440 050 Groove Dimension: 36.00 x x 44.00 x 5.00
36.00	38.00	40.00
Part No: WED 0360 0446 053 Groove Dimension: 36.00 x 44.60 x 5.30	Part No: WED 0380 0460 050 Groove Dimension: 38.00 x 46.00 x 5.00	Part No: WED 0400 0480 050 Groove Dimension: 40.00 x 48.00 x 5.00
40.00	40.00	42.00
Part No: WED 0400 0486 053 Groove Dimension: 40.00 x 48.60 x 5.30	Part No: WED 0400 0486 053 Groove Dimension: 40.00 x 48.60 x 5.30	Part No: WED 0420 0500 060 Groove Dimension: 42.00 x 50.00 x 6.00
45.00	45.00	50.00
Part No: WED 0450 0530 050 Groove Dimension: 45.00 x 53.00 x 5.00	Part No: WED 0450 0536 053 Groove Dimension: 45.00 x 53.60 x 5.30	Part No: WED 0500 0580 050 Groove Dimension: 50.00 x 58.00 x 5.00
50.00	50.00	55.00
Part No: WED 0500 0586 053 Groove Dimension: 50.00 x 58.60 x 5.30	Part No: WED 0500 0600 060 Groove Dimension: 50.00 x 60.00 x 6.00	Part No: WED 0550 0636 053 Groove Dimension: 55.00 x 63.00 x 5.30



55.00	Part No	WED 0550 0650 060
	Groove Dimension	55.00 x 65.00 x 6.00
56.00	Part No	WED 0560 0646 053
	Groove Dimension	56.00 x 64.60 x 5.30
56.00	Part No	WED 0560 0660 060
	Groove Dimension	56.00 x 66.00 x 6.00
58.00	Part No	WED 0580 0680 060
	Groove Dimension	58.00 x 68.00 x 6.00
60.00	Part No	WED 0600 0686 053
	Groove Dimension	60.00 x 68.60 x 5.30
60.00	Part No	WED 0600 0700 060
	Groove Dimension	60.00 x 70.00 x 6.00
63.00	Part No	WED 0630 0716 053
	Groove Dimension	63.00 x 71.60 x 5.30
63.00	Part No	WED 0630 0730 060
	Groove Dimension	63.00 x 73.00 x 6.00
65.00	Part No	WED 0650 0736 053
	Groove Dimension	65.00 x 73.30 x 5.30
65.00	Part No	WED 0650 0750 060
	Groove Dimension	65.00 x 75.00 x 6.00
67.00	Part No	WED 0670 0770 060
	Groove Dimension	67.00 x 77.00 x 6.00
70.00	Part No	WED 0700 0786 053
	Groove Dimension	70.00 x 78.60 x 5.30
70.00	Part No	WED 0700 0800 060
	Groove Dimension	70.00 x 80.00 x 6.00
75.00	Part No	WED 0750 0836 053
	Groove Dimension	75.00 x 83.60 x 5.30
75.00	Part No	WED 0750 0850 060
	Groove Dimension	75.00 x 85.00 x 6.00
78.00	Part No	WED 0780 0880 060
	Groove Dimension	78.00 x 88.00 x 6.00
80.00	Part No	WED 0800 0886 053
	Groove Dimension	80.00 x 88.60 x 5.30
80.00	Part No	WED 0800 0900 060
	Groove Dimension	80.00 x 90.00 x 6.00

85.00	85.00	85.00
Part No: WED 0850 0936 053 Groove Dimension: 85.00 x 93.60 x 5.30	Part No: WED 0850 0950 060 Groove Dimension: 85.00 x 95.00 x 6.00	Part No: WED 0850 0972 071 Groove Dimension: 85.00 x 97.20 x 7.10
90.00	90.00	100.00
Part No: WED 0900 1000 060 Groove Dimension: 90.00 x 100.00 x 6.00	Part No: WED 0900 1022 071 Groove Dimension: 90.00 x 102.20 x 7.10	Part No: WED 1000 1100 060 Groove Dimension: 100.00 x 110.00 x 6.00
100.00	110.00	110.00
Part No: WED 1000 1122 071 Groove Dimension: 100.00 x 112.20 x 7.10	Part No: WED 1100 1122 071 Groove Dimension: 110.00 x 112.20 x 7.10	Part No: WED 1100 1250 085 Groove Dimension: 110.00 x 125.00 x 8.50
120.00	125.00	140.00
Part No: WED 1200 1350 085 Groove Dimension: 120.00 x 135.00 x 8.50	Part No: WED 1250 1400 085 Groove Dimension: 125.00 x 140.00 x 8.50	Part No: WED 1400 1550 085 Groove Dimension: 140.00 x 155.00 x 8.50
150.00	160.00	180.00
Part No: WED 1500 1650 085 Groove Dimension: 150.00 x 165.00 x 8.50	Part No: WED 1600 1750 085 Groove Dimension: 160.00 x 175.00 x 8.50	Part No: WED 1800 1950 085 Groove Dimension: 180.00 x 195.00 x 8.50

TRIADA

WPW

Wiper Seals

#SealingExcellence






Description

The WPW Wiper is a single acting elastomer Wiper with metal integration which supports the lip to wipe the solid matter on the Rod surface and avoiding it from entering into the system, thus eliminating damage to other seals and internal components. This seal is easier to install compared to WGN and WGP type seals, as this seal has the metal ring facing outside and thus the force could easily be exerted. But, this seals also has the risk of the metal body getting rusted if exposed to such conditions.

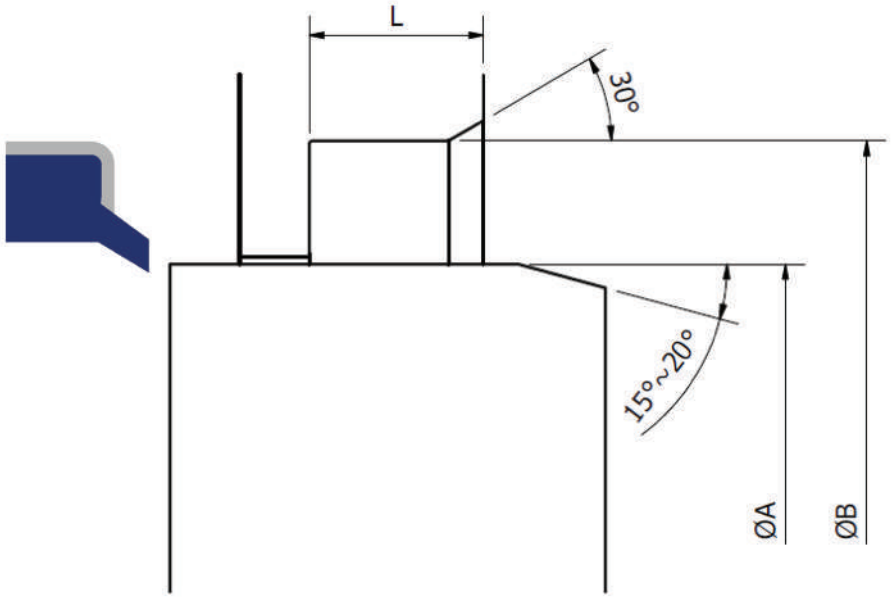
Diameter Range	Ø8.00 – Ø125.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	-30° C to 100° C
Speed	≤ 1.00 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

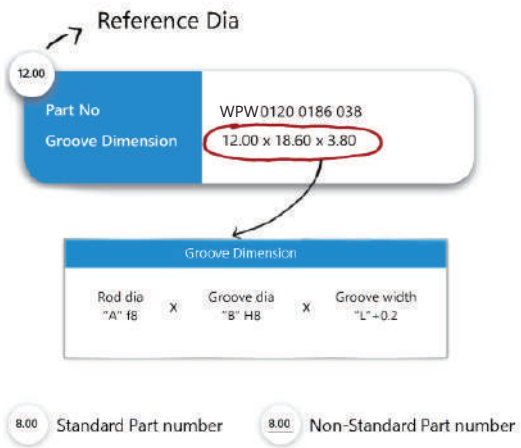
Material Details

Material	Material Code
TRIATHANE®	T479 Poly-Urethane

Nomenclature

Part No	WPW	1000	1140	080	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code





14.00	Part No	WPW 0140 0200 035
	Groove Dimension	14.00 x 20.00 x 3.50
16.00	Part No	WPW 0160 0220 030
	Groove Dimension	16.00 x 22.00 x 3.00
18.00	Part No	WPW 0180 0280 050
	Groove Dimension	18.00 x 28.00 x 5.00
22.00	Part No	WPW 0220 0280 050
	Groove Dimension	22.00 x 28.00 x 5.00

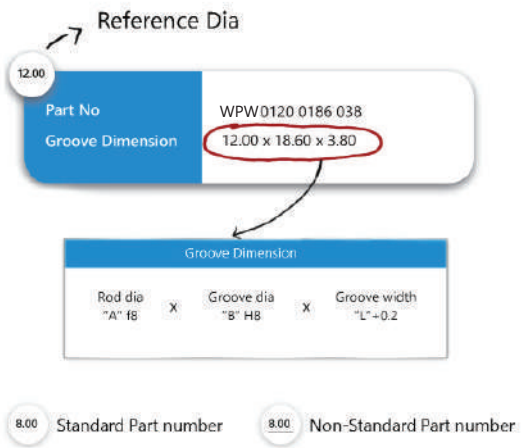
8.00	Part No	WPW 0080 0140 035
	Groove Dimension	8.00 x 14.00 x 3.50
12.00	Part No	WPW 0120 0220 050
	Groove Dimension	12.00 x 22.00 x 5.00
14.00	Part No	WPW 0140 0220 045
	Groove Dimension	14.00 x 22.00 x 4.50
15.00	Part No	WPW 0150 0210 035
	Groove Dimension	15.00 x 21.00 x 3.50
18.00	Part No	WPW 0180 0260 045
	Groove Dimension	18.00 x 26.00 x 4.50
20.00	Part No	WPW 0200 0300 070
	Groove Dimension	20.00 x 30.00 x 7.00
22.00	Part No	WPW 0220 0320 050
	Groove Dimension	22.00 x 32.00 x 5.00

10.00	Part No	WPW 0100 0160 035
	Groove Dimension	10.00 x 16.00 x 3.50
12.00	Part No	WPW 0120 0200 040
	Groove Dimension	12.00 x 20.00 x 4.00
14.00	Part No	WPW 0140 0250 050
	Groove Dimension	14.00 x 25.00 x 5.00
16.00	Part No	WPW 0160 0260 050
	Groove Dimension	16.00 x 26.00 x 5.00
18.00	Part No	WPW 0180 0280 070
	Groove Dimension	18.00 x 28.00 x 7.00
22.00	Part No	WPW 0220 0320 070
	Groove Dimension	22.00 x 32.00 x 7.00
25.00	Part No	WPW 0250 0350 050
	Groove Dimension	25.00 x 35.00 x 5.00

28.00	Part No	WPW 0280 0400 070
	Groove Dimension	28.00 x 40.00 x 7.00
32.00	Part No	WPW 0320 0450 070
	Groove Dimension	32.00 x 45.00 x 7.00
32.00	Part No	WPW 0320 0440 070
	Groove Dimension	32.00 x 44.00 x 7.00
35.00	Part No	WPW 0350 0450 070
	Groove Dimension	35.00 x 45.00 x 7.00
45.00	Part No	WPW 0450 0570 070
	Groove Dimension	45.00 x 57.00 x 7.00
50.00	Part No	WPW 0500 0600 070
	Groove Dimension	50.00 x 60.00 x 7.00
60.00	Part No	WPW 0600 0740 080
	Groove Dimension	60.00 x 74.00 x 8.00

28.00	Part No	WPW 0280 0380 050
	Groove Dimension	28.00 x 38.00 x 5.00
32.00	Part No	WPW 0320 0450 040
	Groove Dimension	32.00 x 45.00 x 4.00
33.00	Part No	WPW 0330 0430 070
	Groove Dimension	33.00 x 43.00 x 7.00
36.00	Part No	WPW 0360 0460 050
	Groove Dimension	36.00 x 46.00 x 5.00
45.00	Part No	WPW 0450 0550 050
	Groove Dimension	45.00 x 55.00 x 5.00
55.00	Part No	WPW 0550 0650 070
	Groove Dimension	55.00 x 65.00 x 7.00
60.00	Part No	WPW 0600 0700 070
	Groove Dimension	60.00 x 70.00 x 7.00

30.00	Part No	WPW 0300 0450 050
	Groove Dimension	30.00 x 45.00 x 5.00
32.00	Part No	WPW 0320 0420 050
	Groove Dimension	32.00 x 42.00 x 5.00
35.00	Part No	WPW 0350 0470 070
	Groove Dimension	35.00 x 47.00 x 7.00
40.00	Part No	WPW 0400 0500 070
	Groove Dimension	40.00 x 50.00 x 7.00
50.00	Part No	WPW 0500 0620 070
	Groove Dimension	50.00 x 62.00 x7.00
55.00	Part No	WPW 0550 0650 050
	Groove Dimension	55.00 x 65.00 x 5.00
60.00	Part No	WPW 0600 0740 050
	Groove Dimension	60.00 x 74.00 x 5.00



90.00

Part No	WPW 0900 1000 070
Groove Dimension	90.00 x 100.00 x 7.00

100.00

Part No	WPW 1000 1100 070
Groove Dimension	100.00 x 110.00 x 7.00

125.00

Part No	WPW 1250 1390 080
Groove Dimension	125.00 x 139.00 x 8.00

65.00

Part No	WPW 0650 0750 070
Groove Dimension	65.00 x 75.00 x 7.00

70.00

Part No	WPW 0700 0800 070
Groove Dimension	70.00 x 80.00 x 7.00

80.00

Part No	WPW 0800 0880 070
Groove Dimension	80.00 x 88.00 x 7.00

95.00

Part No	WPW 0950 1050 070
Groove Dimension	95.00 x 105.00 x 7.00

105.00

Part No	WPW 1050 1150 070
Groove Dimension	105.00 x 115.00 x 7.00

125.00

Part No	WPW 1250 1400 080
Groove Dimension	125.00 x 140.00 x 8.00

70.00

Part No	WPW 0700 0800 060
Groove Dimension	70.00 x 80.00 x 6.00

70.00

Part No	WPW 0700 0840 080
Groove Dimension	70.00 x 84.00 x 8.00

90.00

Part No	WPW 0900 1040 080
Groove Dimension	90.00 x 104.00 x 8.00

100.00

Part No	WPW 1000 1140 080
Groove Dimension	100.00 x 114.00 x 8.00

110.00

Part No	WPW 1100 1240 080
Groove Dimension	110.00 x 124.00 x 8.00

TRIADA

WSP

Wiper Seals

#SealingExcellence






Description

The WSP is a single acting Wiper with metal integration, which supports the lip to wipe the debris, condensation or undesired deposits on the Rod surface, preventing them from entering into the system, thus eliminating the damage for other seals and internal components.

These Seals are well known for their application as “PIN SEALS”, owing to its smaller widths (for selected dimensions) and excellent grease retention characteristics. This Wiper can also be used for slow Rotary/ oscillation applications

Diameter Range	Ø25.00 – Ø190.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	-30° C to 100° C.
Speed	≤ 0.5 m/s
Fluids	Hydraulic fluids (Mineral Oil based)

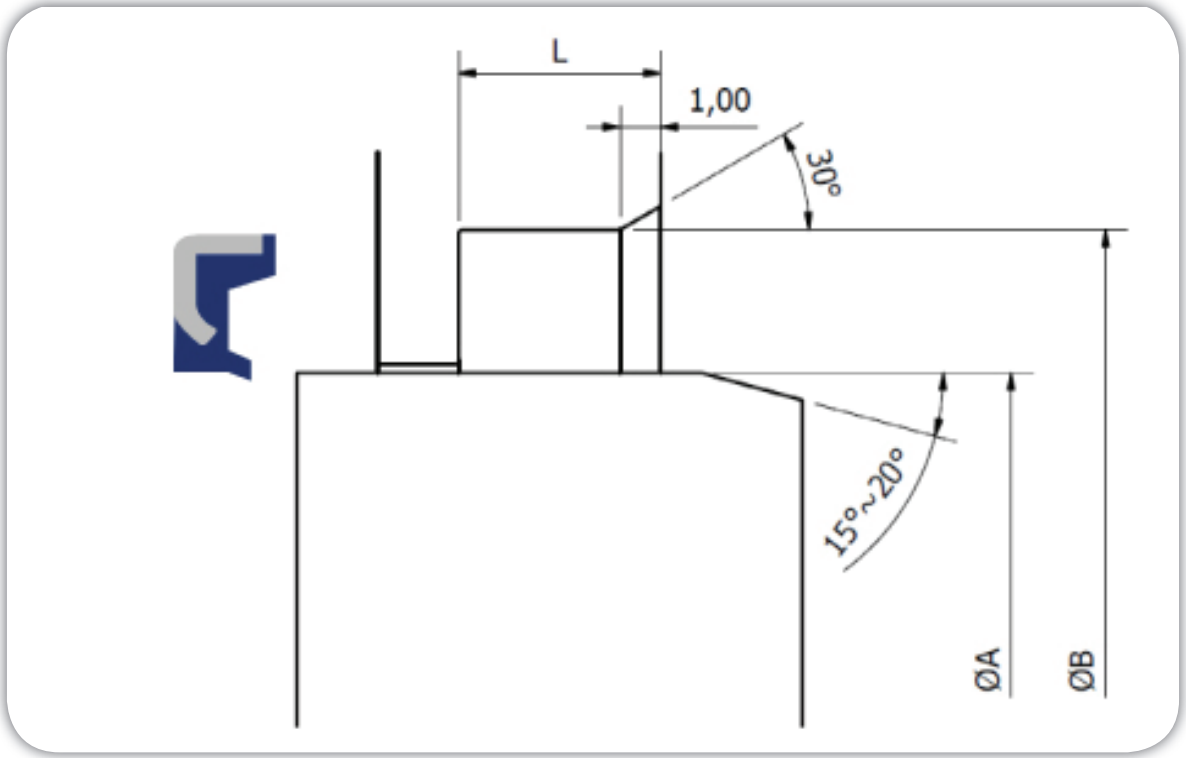
Material Details

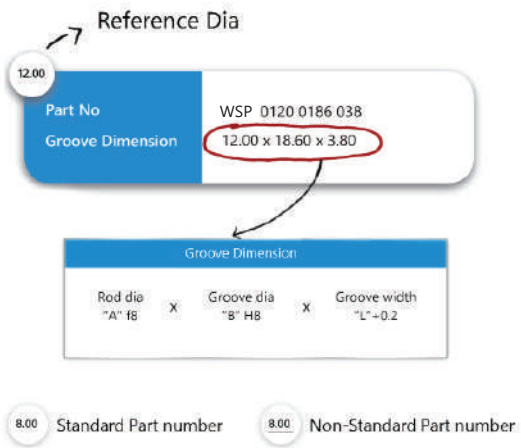
Material	Material Code
TRIATHANE®	T479 Poly-Urethane

Nomenclature

Part No	WSP	1000	1150	050	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







35.00

Part No	WSP 0350 0470 080
Groove Dimension	35.00 x 47.00 x 8.00

40.00

Part No	WSP 0400 0500 050
Groove Dimension	40.00 x 50.00 x 5.00

45.00

Part No	WSP 0450 0550 050
Groove Dimension	45.00 x 55.00 x 5.00

45.00

Part No	WSP 0450 0600 060
Groove Dimension	45.00 x 60.00 x 6.00

25.00

Part No	WSP 0250 0350 050
Groove Dimension	25.00 x 35.00 x 5.00

30.00

Part No	WSP 0300 0400 050
Groove Dimension	30.00 x 40.00 x 5.00

35.00

Part No	WSP 0350 0450 050
Groove Dimension	35.00 x 45.00 x 5.00

35.00

Part No	WSP 0350 0500 085
Groove Dimension	35.00 x 50.00 x 8.50

40.00

Part No	WSP 0400 0520 080
Groove Dimension	40.00 x 52.00 x 8.00

45.00

Part No	WSP 0450 0550 070
Groove Dimension	45.00 x 55.00 x 7.00

45.00

Part No	WSP 0450 0600 085
Groove Dimension	45.00 x 60.00 x 8.50

25.00

Part No	WSP 0250 0380 085
Groove Dimension	25.00 x 38.00 x 8.50

30.00

Part No	WSP 0300 0430 085
Groove Dimension	30.00 x 43.00 x 8.50

35.00

Part No	WSP 0350 0450 060
Groove Dimension	35.00 x 45.00 x 6.00

38.00

Part No	WSP 0380 0500 085
Groove Dimension	38.00 x 50.00 x 8.50

45.00

Part No	WSP 0450 0550 042
Groove Dimension	45.00 x 55.00 x 4.20

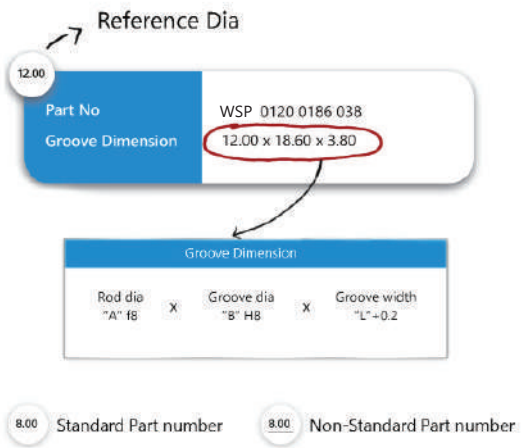
45.00

Part No	WSP 0450 0570 080
Groove Dimension	45.00 x 57.00 x 8.00

50.00

Part No	WSP 0500 0600 050
Groove Dimension	50.00 x 60.00 x 5.00

50.00	Part No	WSP 0500 0600 060
	Groove Dimension	50.00 x 60.00 x 6.00
50.00	Part No	WSP 0500 0600 080
	Groove Dimension	50.00 x 60.00 x 8.00
50.00	Part No	WSP 0500 0620 080
	Groove Dimension	50.00 x 62.00 x 8.00
50.00	Part No	WSP 0500 0630 050
	Groove Dimension	50.00 x 63.00 x 5.00
50.00	Part No	WSP 0500 0630 090
	Groove Dimension	50.00 x 63.00 x 9.00
50.00	Part No	WSP 0500 0650 060
	Groove Dimension	50.00 x 65.00 x 6.00
50.00	Part No	WSP 0500 0650 085
	Groove Dimension	50.00 x 65.00 x 8.50
55.00	Part No	WSP 0550 0650 042
	Groove Dimension	55.00 x 65.00 x 4.20
55.00	Part No	WSP 0550 0650 050
	Groove Dimension	55.00 x 65.00 x 5.00
55.00	Part No	WSP 0550 0680 050
	Groove Dimension	55.00 x 68.00 x 5.00
55.00	Part No	WSP 0550 0690 090
	Groove Dimension	55.00 x 69.00 x 9.00
55.00	Part No	WSP 0550 0700 060
	Groove Dimension	55.00 x 70.00 x 6.00
55.00	Part No	WSP 0550 0700 085
	Groove Dimension	55.00 x 70.00 x 8.50
56.00	Part No	WSP 0560 0700 085
	Groove Dimension	56.00 x 70.00 x 8.50
60.00	Part No	WSP 0600 0700 050
	Groove Dimension	60.00 x 70.00 x 5.00
60.00	Part No	WSP 0600 0700 080
	Groove Dimension	60.00 x 70.00 x 8.00
60.00	Part No	WSP 0600 0730 090
	Groove Dimension	60.00 x 73.00 x 9.00
60.00	Part No	WSP 0600 0740 090
	Groove Dimension	60.00 x 74.00 x 9.00
60.00	Part No	WSP 0600 0750 050
	Groove Dimension	60.00 x 75.00 x 5.00
60.00	Part No	WSP 0600 0750 060
	Groove Dimension	60.00 x 75.00 x 6.00
60.00	Part No	WSP 0600 0750 085
	Groove Dimension	60.00 x 75.00 x 8.50



70.00	
Part No	WSP 0700 0800 080
Groove Dimension	70.00 x 80.00 x 8.00

70.00	
Part No	WSP 0700 0840 090
Groove Dimension	70.00 x 84.00 x 9.00

70.00	
Part No	WSP 0700 0850 085
Groove Dimension	70.00 x 85.00 x 8.50

71.00	
Part No	WSP 0710 0850 070
Groove Dimension	71.00 x 85.00 x 7.00

63.00	
Part No	WSP 0630 0780 085
Groove Dimension	63.00 x 78.00 x 8.50

65.00	
Part No	WSP 0650 0790 090
Groove Dimension	65.00 x 79.00 x 9.00

65.00	
Part No	WSP 0650 0800 090
Groove Dimension	65.00 x 80.00 x 9.00

70.00	
Part No	WSP 0700 0800 050
Groove Dimension	70.00 x 80.00 x 5.00

70.00	
Part No	WSP 0700 0850 050
Groove Dimension	70.00 x 85.00 x 5.00

70.00	
Part No	WSP 0700 0850 090
Groove Dimension	70.00 x 85.00 x 9.00

71.00	
Part No	WSP 0710 0860 060
Groove Dimension	71.00 x 86.00 x 6.00

63.00	
Part No	WSP 0630 0800 060
Groove Dimension	63.00 x 80.00 x 6.00

65.00	
Part No	WSP 0650 0800 060
Groove Dimension	65.00 x 80.00 x 6.00

70.00	
Part No	WSP 0700 0800 060
Groove Dimension	70.00 x 80.00 x 6.00

70.00	
Part No	WSP 0700 0830 090
Groove Dimension	70.00 x 83.00 x 9.00

70.00	
Part No	WSP 0700 0850 060
Groove Dimension	70.00 x 85.00 x 6.00

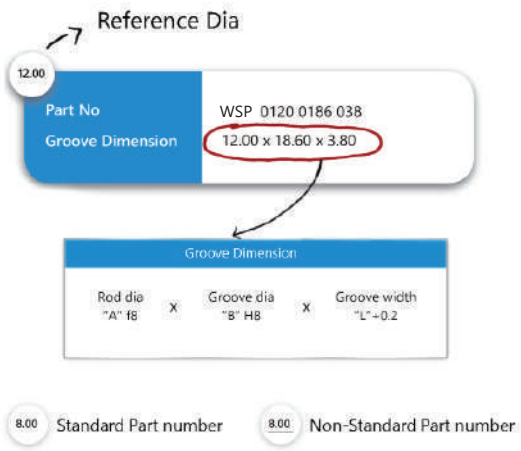
70.00	
Part No	WSP 0700 0900 060
Groove Dimension	70.00 x 90.00 x 6.00

75.00	
Part No	WSP 0750 0890 090
Groove Dimension	75.00 x 89.00 x 9.00

75.00	Part No	WSP 0750 0900 070
	Groove Dimension	75.00 x 90.00 x 7.00
76.50	Part No	WSP 0765 0965 110
	Groove Dimension	76.50 x 96.50 x 11.00
80.00	Part No	WSP 0800 0900 080
	Groove Dimension	80.00 x 90.00 x 8.00
80.00	Part No	WSP 0800 0950 060
	Groove Dimension	80.00 x 95.00 x 6.00
80.00	Part No	WSP 0800 1000 070
	Groove Dimension	80.00 x 100.00 x 7.00
85.00	Part No	WSP 0850 1000 070
	Groove Dimension	85.00 x 100.00 x 7.00
85.00	Part No	WSP 0850 1000 110
	Groove Dimension	85.00 x 100.00 x 11.00

75.00	Part No	WSP 0750 0900 090
	Groove Dimension	75.00 x 90.00 x 9.00
76.00	Part No	WSP 0760 1000 110
	Groove Dimension	76.00 x 100.00 x 11.00
80.00	Part No	WSP 0800 0930 090
	Groove Dimension	80.00 x 93.00 x 9.00
80.00	Part No	WSP 0800 0950 085
	Groove Dimension	80.00 x 95.00 x 8.50
80.00	Part No	WSP 0800 1000 110
	Groove Dimension	80.00 x 100.00 x 11.00
85.00	Part No	WSP 0850 1000 050
	Groove Dimension	85.00 x 100.00 x 5.00
85.00	Part No	WSP 0850 1050 110
	Groove Dimension	85.00 x 105.00 x 11.00

75.00	Part No	WSP 0750 0950 110
	Groove Dimension	75.00 x 95.00 x 11.00
80.00	Part No	WSP 0800 0900 055
	Groove Dimension	80.00 x 90.00 x 5.50
80.00	Part No	WSP 0800 0940 090
	Groove Dimension	80.00 x 94.00 x 9.00
80.00	Part No	WSP 0800 0950 090
	Groove Dimension	80.00 x 95.00 x 9.00
85.00	Part No	WSP 0850 0990 090
	Groove Dimension	85.00 x 99.00 x 9.00
85.00	Part No	WSP 0850 1000 090
	Groove Dimension	85.00 x 100.00 x 9.00
90.00	Part No	WSP 0900 1000 080
	Groove Dimension	90.00 x 100.00 x 8.00



95.00	
Part No	WSP 0950 1090 090
Groove Dimension	95.00 x 109.00 x 9.00

95.00	
Part No	WSP 0950 1150 110
Groove Dimension	95.00 x 115.00 x 11.00

100.00	
Part No	WSP 1000 1150 060
Groove Dimension	100.00 x 115.00 x 6.00

100.00	
Part No	WSP 1000 1200 110
Groove Dimension	100.00 x 120.00 x 11.00

90.00	
Part No	WSP 0900 1040 090
Groove Dimension	90.00 x 104.00 x 9.00

90.00	
Part No	WSP 0900 1050 060
Groove Dimension	90.00 x 105.00 x 6.00

90.00	
Part No	WSP 0900 1050 090
Groove Dimension	90.00 x 105.00 x 9.00

95.00	
Part No	WSP 0950 1100 090
Groove Dimension	95.00 x 110.00 x 9.00

100.00	
Part No	WSP 1000 1140 090
Groove Dimension	100.00 x 114.00 x 9.00

100.00	
Part No	WSP 1000 1150 070
Groove Dimension	100.00 x 115.00 x 7.00

100.00	
Part No	WSP 1000 1250 050
Groove Dimension	100.00 x 125.00 x 5.00

90.00	
Part No	WSP 0900 1050 060
Groove Dimension	90.00 x 105.00 x 6.00

90.00	
Part No	WSP 0900 1050 070
Groove Dimension	90.00 x 105.00 x 7.00

90.00	
Part No	WSP 0900 1100 110
Groove Dimension	90.00 x 110.00 x 11.00

95.00	
Part No	WSP 0950 1100 070
Groove Dimension	95.00 x 110.00 x 7.00

100.00	
Part No	WSP 1000 1150 050
Groove Dimension	100.00 x 115.00 x 5.00

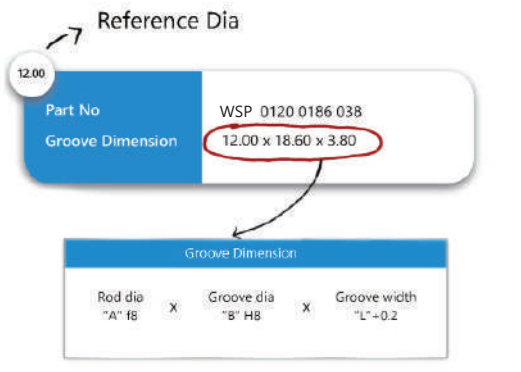
100.00	
Part No	WSP 1000 1150 085
Groove Dimension	100.00 x 115.00 x 8.50

105.00	
Part No	WSP 1050 1200 080
Groove Dimension	105.00 x 120.00 x 8.00

105.00	Part No	WSP 1050 1200 090
	Groove Dimension	105.00 x 120.00 x 9.00
110.00	Part No	WSP 1100 1250 100
	Groove Dimension	110.00 x 125.00 x 10.00
115.00	Part No	WSP 1150 1300 085
	Groove Dimension	115.00 x 130.00 x 8.50
120.00	Part No	WSP 1200 1350 090
	Groove Dimension	120.00 x 135.00 x 9.00
120.00	Part No	WSP 1200 1400 110
	Groove Dimension	12.00 x 140.00 x 11.00
125.00	Part No	WSP 1250 1450 110
	Groove Dimension	125.00 x 145.00 x 11.00
130.00	Part No	WSP 1300 1500 110
	Groove Dimension	130.00 x 150.00 x 11.00

105.00	Part No	WSP 1050 1210 100
	Groove Dimension	105.00 x 121.00 x 10.00
110.00	Part No	WSP 1100 1260 100
	Groove Dimension	110.00 x 126.00 x 10.00
115.00	Part No	WSP 1150 1310 100
	Groove Dimension	115.00 x 131.00 x 10.00
120.00	Part No	WSP 1200 1360 100
	Groove Dimension	120.00 x 136.00 x 10.00
125.00	Part No	WSP 1250 1400 090
	Groove Dimension	125.00 x 140.00 x 9.00
130.00	Part No	WSP 1300 1450 085
	Groove Dimension	130.00 x 145.00 x 8.50
140.00	Part No	WSP 1400 1550 090
	Groove Dimension	140.00 x 155.00 x 9.00

110.00	Part No	WSP 1100 1250 050
	Groove Dimension	110.00 x 125.00 x 5.00
110.00	Part No	WSP 1100 1300 110
	Groove Dimension	110.00 x 130.00 x 11.00
120.00	Part No	WSP 1200 1350 080
	Groove Dimension	120.00 x 135.00 x 8.00
120.00	Part No	WSP 1200 1400 090
	Groove Dimension	120.00 x 140.00 x 9.00
125.00	Part No	WSP 1250 1410 100
	Groove Dimension	125.00 x 141.00 x 10.00
130.00	Part No	WSP 1300 1460 100
	Groove Dimension	130.00 x 146.00 x 10.00
140.00	Part No	WSP 1400 1600 110
	Groove Dimension	140.00 x 160.00 x 11.00



150.00

Part No	WSP 1500 1700 110
Groove Dimension	150.00 x 170.00 x 11.00

190.00

Part No	WSP 1900 2100 110
Groove Dimension	190.00 x 210.00 x 11.00

160.00

Part No	WSP 1600 1750 110
Groove Dimension	160.00 x 175.00 x 11.00

TRIADA

WDL

Wiper Seals

#SealingExcellence






Description

The WDL Wiper is a Double Lip Wiper with a steel casing, enabling an open groove installation. The Inner Lip retains the thin film of Hydraulic Oil allowed to sneak through by the Primary/Secondary Seals, whereas the Outer Lip checks the entry of debris/solid particles entering into the system, protecting the Sealing System as well as other internal components. Highly recommended as a Wiper Seal in highly demanding applications like Off-Road Equipment Cylinders, Material Handling Equipment Cylinders etc.

Diameter Range	Ø20.00 – Ø180.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	-30° C to 110° C.
Speed	≤ 1.00 m/s
Fluids	Hydraulic fluids (Mineral Oil based)

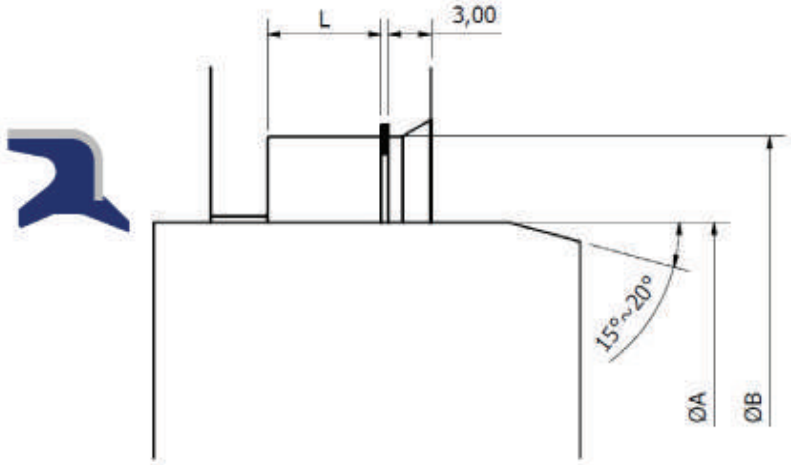
Material Details

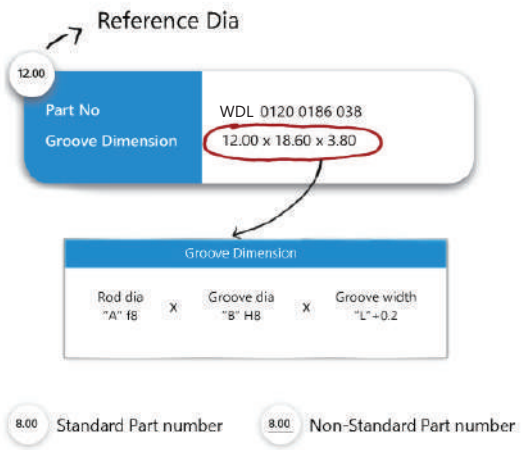
Material	Material Code
TRIATHANE®	T479 Poly-Urethane

Nomenclature

Part No	WDL	1000	1140	080	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







20.00	Part No	WDL 0200 0320 060
	Groove Dimension	20.00 x 32.00 x 6.00
22.00	Part No	WDL 0220 0340 060
	Groove Dimension	22.00 x 34.00 x 6.00
25.00	Part No	WDL 0250 0370 060
	Groove Dimension	25.00 x 37.00 x 6.00
30.00	Part No	WDL 0300 0420 060
	Groove Dimension	30.00 x 42.00 x 6.00
35.00	Part No	WDL 0350 0470 070
	Groove Dimension	35.00 x 47.00 x 7.00
40.00	Part No	WDL 0400 0520 070
	Groove Dimension	40.00 x 52.00 x 7.00
45.00	Part No	WDL 0450 0570 070
	Groove Dimension	45.00 x 57.00 x 7.00
50.00	Part No	WDL 0500 0620 070
	Groove Dimension	50.00 x 62.00 x 7.00
55.00	Part No	WDL 0550 0690 080
	Groove Dimension	55.00 x 69.00 x 8.00
60.00	Part No	WDL 0600 0740 080
	Groove Dimension	60.00 x 74.00 x 8.00
65.00	Part No	WDL 0650 0790 080
	Groove Dimension	65.00 x 79.00 x 8.00
70.00	Part No	WDL 0700 0840 080
	Groove Dimension	70.00 x 84.00 x 8.00
75.00	Part No	WDL 0750 0890 080
	Groove Dimension	75.00 x 89.00 x 8.00
80.00	Part No	WDL 0800 0940 080
	Groove Dimension	80.00 x 94.00 x 8.00
85.00	Part No	WDL 0850 0990 080
	Groove Dimension	85.00 x 99.00 x 8.00
90.00	Part No	WDL 0900 1040 080
	Groove Dimension	90.00 x 104.00 x 8.00
95.00	Part No	WDL 0950 1090 080
	Groove Dimension	95.00 x 109.00 x 8.00
100.00	Part No	WDL 1000 1140 080
	Groove Dimension	100.00 x 114.00 x 8.00

105.00	110.00	115.00
Part No: WDL 1050 1210 090 Groove Dimension: 105.00 x 121.00 x 9.00	Part No: WDL 1100 1260 090 Groove Dimension: 110.00 x 126.00 x 9.00	Part No: WDL 1150 1310 090 Groove Dimension: 115.00 x131.00 x 9.00
120.00	125.00	130.00
Part No: WDL 1200 1360 090 Groove Dimension: 120.00 x 136.00 x 9.00	Part No: WDL 1250 1410 090 Groove Dimension: 125.00 x 141.00 x 9.00	Part No: WDL 1300 1460 090 Groove Dimension: 130.00 x 146.00 x 9.00
135.00	140.00	145.00
Part No: WDL 1350 1550 100 Groove Dimension: 135.00 x 155.00 x 10.00	Part No: WDL 1400 1600 100 Groove Dimension: 140.00 x 160.00 x 10.00	Part No: WDL 1450 1650 100 Groove Dimension: 145.00 x 165.00 x 10.00
155.00	160.00	165.00
Part No: WDL 1550 1750 100 Groove Dimension: 155.00 x 175.00 x 10.00	Part No: WDL 1600 1800 100 Groove Dimension: 160.00 x 180.00 x 10.00	Part No: WDL 1650 1850 100 Groove Dimension: 165.00 x 185.00 x 10.00
170.00	175.00	180.00
Part No: WDL 1700 1900 100 Groove Dimension: 170.00 x 190.00 x 10.00	Part No: WDL 1750 1950 100 Groove Dimension: 175.00 x 195.00 x 10.00	Part No: WDL 1800 2050 100 Groove Dimension: 180.00 x 205.00 x10.00

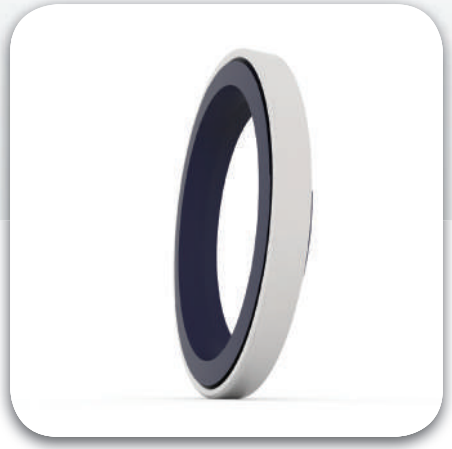
TRIADA

WGP

Wiper Seals

#SealingExcellence






Description

The WGP is a single acting Wiper in TRIATHANE® (Poly-Urethane) with metal integration which supports the lip to wipe the solid matter on the rod surface preventing it from entering into the system, thus eliminating the damage to other seals and internal components.

Diameter Range	Ø20.00 – Ø180.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	From - 30° C to + 100°
Speed	< 1.0 m/s
Fluids	Water at room temperature and Mineral Oils

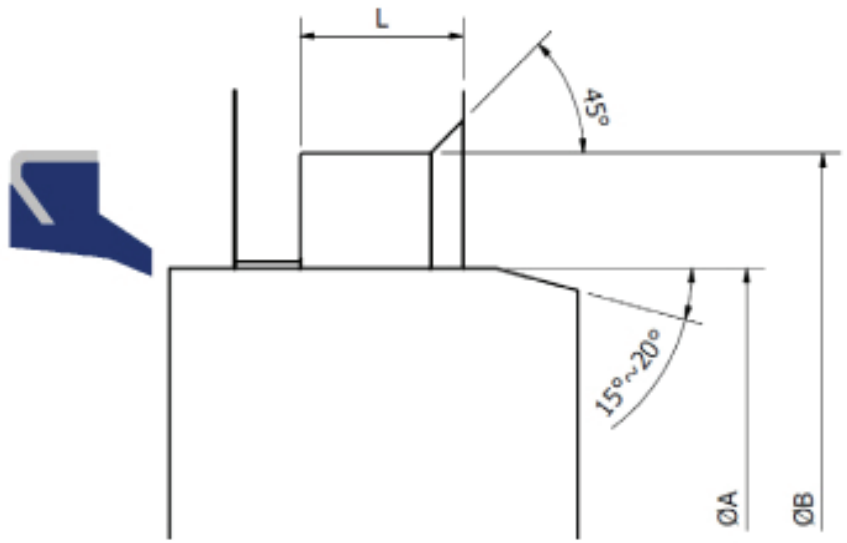
Material Details

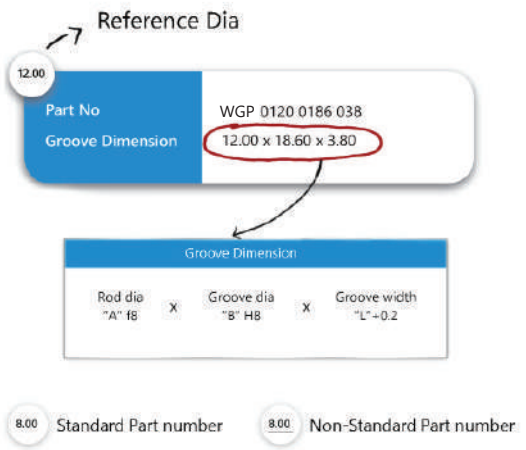
Material	Material Code
TRIATHANE®	T479 Poly-Urethane

Nomenclature

Part No	WGP	1000	1100	070	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code







30.00	Part No	WGP 0300 0400 050
	Groove Dimension	30.00 x 40.00 x 5.00
35.00	Part No	WGP 0350 0450 050
	Groove Dimension	35.00 x 45.00 x 5.00
36.00	Part No	WGP 0360 0460 040
	Groove Dimension	36.00 x 46.00 x 4.00
45.00	Part No	WGP 0450 0550 050
	Groove Dimension	45.00 x 55.00 x 5.00

12.00	Part No	WGP 0120 0200 040
	Groove Dimension	12.00 x 20.00 x 4.00
20.00	Part No	WGP 0200 0300 070
	Groove Dimension	20.00 x 30.00 x 7.00
25.00	Part No	WGP 0250 0350 070
	Groove Dimension	25.00 x 35.00 x 7.00
30.00	Part No	WGP 0300 0400 070
	Groove Dimension	30.00 x 40.00 x 7.00
35.00	Part No	WGP 0350 0450 070
	Groove Dimension	35.00 x 45.00 x 7.00
40.00	Part No	WGP 0400 0500 050
	Groove Dimension	40.00 x 50.00 x 5.00
45.00	Part No	WGP 0450 0550 070
	Groove Dimension	45.00 x 55.00 x 7.00

16.00	Part No	WGP 0160 0220 030
	Groove Dimension	16.00 x 22.00 x 3.00
25.00	Part No	WGP 0250 0350 050
	Groove Dimension	25.00 x 35.00 x 5.00
28.00	Part No	WGP 0280 0380 070
	Groove Dimension	28.00 x 38.00 x 7.00
32.00	Part No	WGP 0320 0420 070
	Groove Dimension	32.00 x 42.00 x 7.00
36.00	Part No	WGP 0360 0450 070
	Groove Dimension	36.00 x 45.00 x 7.00
40.00	Part No	WGP 0400 0500 070
	Groove Dimension	40.00 x 50.00 x 7.00
45.00	Part No	WGP 0450 0600 070
	Groove Dimension	45.00 x 60.00 x 7.00

50.00	
Part No	WGP 0500 0600 050
Groove Dimension	50.00 x 60.00 x 5.00

50.00	
Part No	WGP 0500 0600 070
Groove Dimension	50.00 x 60.00 x 7.00

55.00	
Part No	WGP 0550 0650 050
Groove Dimension	55.00 x 65.00 x 5.00

56.00	
Part No	WGP 0560 0660 070
Groove Dimension	56.00 x 66.00 x 7.00

60.00	
Part No	WGP 0600 0700 070
Groove Dimension	60.00 x 70.00 x 7.00

63.00	
Part No	WGP 0630 0750 070
Groove Dimension	63.00 x 75.00 x 7.00

65.00	
Part No	WGP 0650 0750 070
Groove Dimension	65.00 x 75.00 x 7.00

70.00	
Part No	WGP 0700 0800 070
Groove Dimension	70.00 x 80.00 x 7.00

75.00	
Part No	WGP 0750 0850 070
Groove Dimension	75.00 x 85.00 x 7.00

80.00	
Part No	WGP 0800 0900 070
Groove Dimension	80.00 x 90.00 x 7.00

85.00	
Part No	WGP 0850 0950 070
Groove Dimension	85.00 x 95.00 x 7.00

90.00	
Part No	WGP 0900 1000 070
Groove Dimension	90.00 x 100.00 x 7.00

100.00	
Part No	WGP 1000 1100 070
Groove Dimension	100.00 x 110.00 x 7.00

105.00	
Part No	WGP 1050 1150 070
Groove Dimension	105.00 x 115.00 x 7.00

110.00	
Part No	WGP 1100 1200 070
Groove Dimension	110.00 x 120.00 x 7.00

115.00	
Part No	WGP 1150 1250 070
Groove Dimension	115.00 x 125.00 x 7.00

120.00	
Part No	WGP 1200 1300 070
Groove Dimension	120.00 x 130.00 x 7.00

125.00	
Part No	WGP 1250 1400 090
Groove Dimension	125.00 x 140.00 x 9.00

140.00	
Part No	WGP 1400 1550 090
Groove Dimension	140.00 x 155.00 x 9.00

180.00	
Part No	WGP 1800 1950 090
Groove Dimension	180.00 x 195.00 x 9.00

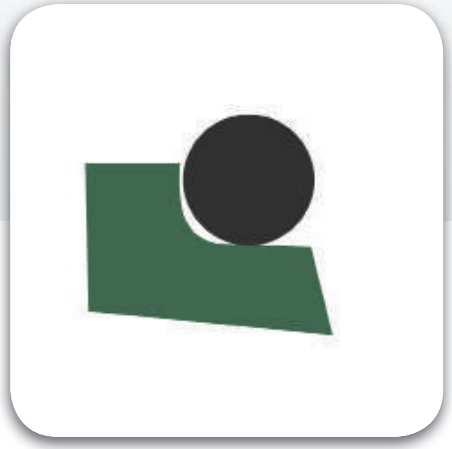
TRIADA

WDC

Wiper Seals

#SealingExcellence



Description

The WDC Scraper is a single lip Wiper Seal, composed of two elements. The dynamic element is a ring in TRIALON® (compounded PTFE), while the static seal is an O-Ring in TRIAFLEX® (NBR), also acting as an energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.
The lip at the outer edge avoids the dust particles entering into the system for axially moving rods, thus eliminates the damage to other seals and internal components.

Diameter Range	Ø6.00 – Ø900.00 (Larger dia. on request)
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR 70) (Other Compounds available,so as to suit the Application Conditions).
Temperature(C)	-40° C to +200° C
Speed	< 15.00 m/s
Fluids	Mineral Oils

Material Details

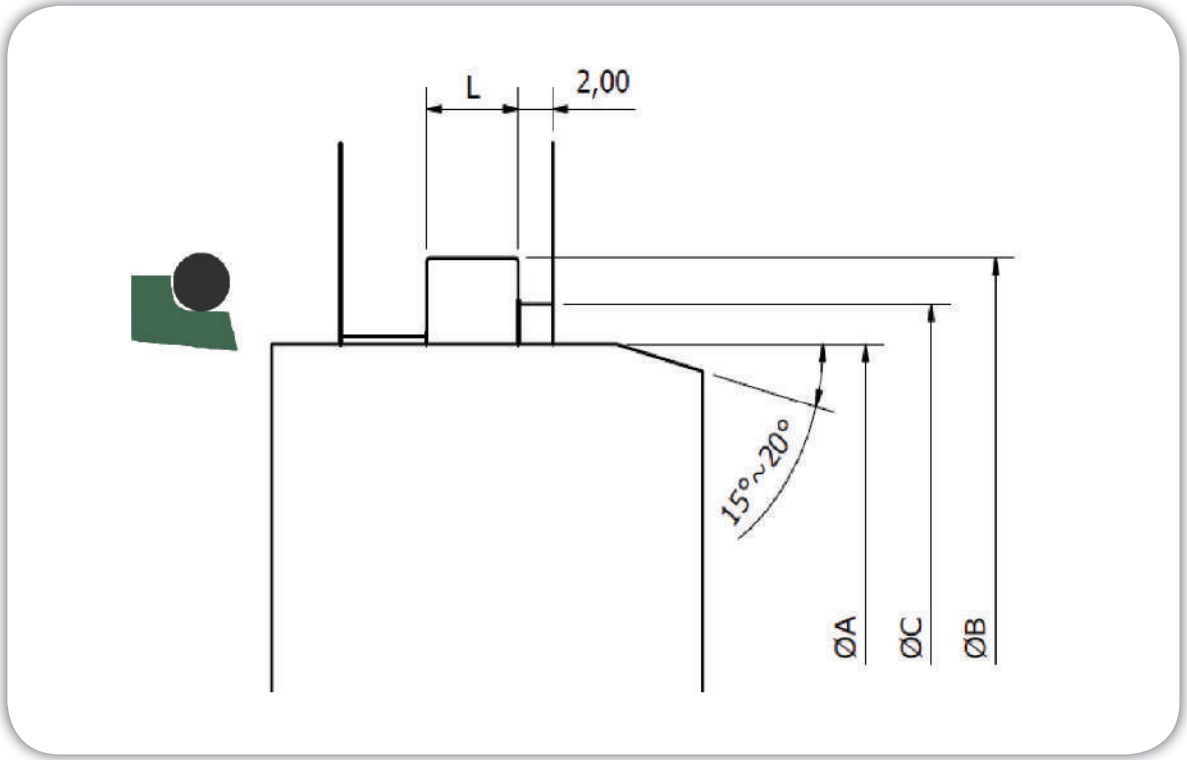
Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

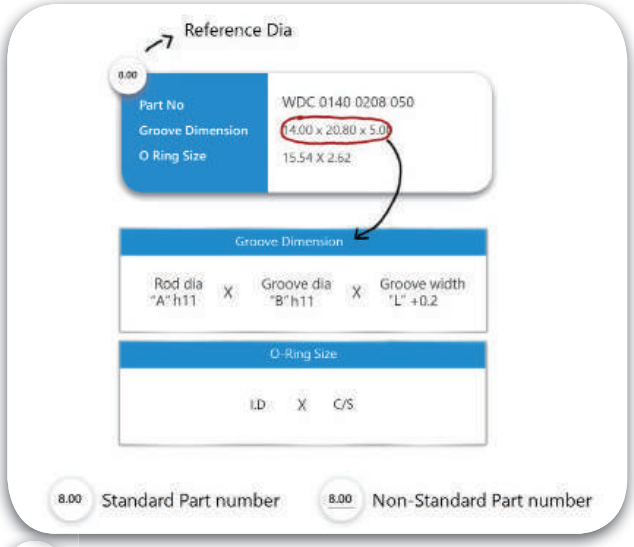
Nomenclature

Part No	WDC	1000	1088	060	T415	N
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code

Groove details

Groove Width "L"	Mouth dia. "ØC"
3.70mm	'ØA' + 2.70mm
5.00mm	'ØA' + 3.50mm
6.00mm	'ØA' + 4.00mm
8.40mm	'ØA' + 4.50mm
11.00mm	'ØA' + 5.20mm
14.00mm	'ØA' + 6.20mm





6.00

Part No	WDC 0060 0108 037
Groove Dimension	6.00 x 10.80 x 3.70
O Ring Size	7.65 X 1.78

8.00

Part No	WDC 0080 0128 037
Groove Dimension	8.00 x 12.80 x 3.70
O Ring Size	9.25 X 1.78

10.00

Part No	WDC 0100 0148 037
Groove Dimension	10.00 x 14.80 x 3.70
O Ring Size	10.82 X 1.78

12.00

Part No	WDC 0120 0188 050
Groove Dimension	12.00 x 18.80 x 5.50
O Ring Size	13.94 X 2.62

14.00

Part No	WDC 0140 0208 050
Groove Dimension	14.00 x 20.80 x 5.00
O Ring Size	15.54 X 2.62

16.00

Part No	WDC 0160 0228 050
Groove Dimension	16.00 x 22.80 x 5.50
O Ring Size	17.12 X 2.62

18.00

Part No	WDC 0180 0248 050
Groove Dimension	18.00 x 24.80 x 5.50
O Ring Size	20.29 X 2.62

20.00

Part No	WDC 0200 0268 050
Groove Dimension	20.00 x 26.80 x 5.00
O Ring Size	21.89 X 2.62

22.00

Part No	WDC 0220 0288 050
Groove Dimension	22.00 x 28.80 x 5.00
O Ring Size	23.47 X 2.62

25.00

Part No	WDC 0250 0318 050
Groove Dimension	25.00 x 31.80 x 5.00
O Ring Size	26.64 X 2.62

28.00

Part No	WDC 0280 0348 050
Groove Dimension	28.00 x 34.80 x 5.00
O Ring Size	29.82 X 2.62

30.00

Part No	WDC 0300 0368 050
Groove Dimension	30.00 x 36.80 x 5.00
O Ring Size	31.24 X 2.62

32.00

Part No	WDC 0320 0388 050
Groove Dimension	32.00 x 38.80 x 5.00
O Ring Size	34.59 X 2.62

36.00	
Part No	WDC 0360 0428 050
Groove Dimension	36.00 x 42.80 x 5.00
O Ring Size	39.34 X 2.62

40.00	
Part No	WDC 0400 0468 050
Groove Dimension	40.00 x 46.80 x 5.00
O Ring Size	42.52 X 2.62

42.00	
Part No	WDC 0420 0488 050
Groove Dimension	42.00 x 48.80 x 5.00
O Ring Size	44.12 X 2.62

45.00	
Part No	WDC 0450 0518 050
Groove Dimension	45.00 x 51.80 x 5.00
O Ring Size	47.29 X 2.62

48.00	
Part No	WDC 0480 0548 050
Groove Dimension	48.00 x 54.80 x 5.00
O Ring Size	50.47 X 2.62

50.00	
Part No	WDC 0500 0568 050
Groove Dimension	50.00 x 56.80 x 5.00
O Ring Size	52.07 X 2.62

56.00	
Part No	WDC 0560 0628 050
Groove Dimension	56.00 x 62.80 x 5.00
O Ring Size	58.42 X 2.62

63.00	
Part No	WDC 0630 0698 050
Groove Dimension	63.00 x 69.80 x 5.00
O Ring Size	64.77 X 2.62

65.00	
Part No	WDC 0650 0738 060
Groove Dimension	65.00 x 73.80 x 6.00
O Ring Size	66.27 X 3.53

70.00	
Part No	WDC 0700 0788 060
Groove Dimension	70.00 x 78.80 x 6.00
O Ring Size	72.62 X 3.53

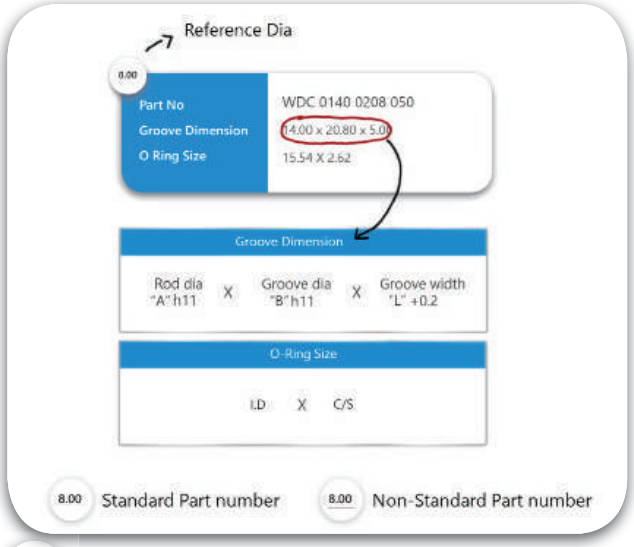
75.00	
Part No	WDC 0750 0838 060
Groove Dimension	75.00 x 83.80 x 6.00
O Ring Size	75.79 X 3.53

80.00	
Part No	WDC 0800 0888 060
Groove Dimension	80.00 x 88.80 x 6.00
O Ring Size	82.14 X 3.53

85.00	
Part No	WDC 0850 0938 060
Groove Dimension	85.00 x 93.80 x 6.00
O Ring Size	88.49 X 3.53

90.00	
Part No	WDC 0900 0988 060
Groove Dimension	90.00 x 98.80 x 6.00
O Ring Size	91.67 X 3.53

95.00	
Part No	WDC 0950 1038 060
Groove Dimension	95.00 x 103.80 x 6.00
O Ring Size	98.02 X 3.53



100.00

Part No	WDC 1000 1088 060
Groove Dimension	100.00 x 108.80 x 6.00
O Ring Size	101.19 X 3.53

105.00

Part No	WDC 1050 1138 060
Groove Dimension	105.00 x 113.80 x 6.00
O Ring Size	107.54 X 3.53

110.00

Part No	WDC 110 1180 060
Groove Dimension	110.00 x 118.00 x 6.00
O Ring Size	110.72 X 3.53

115.00

Part No	WDC 1150 1238 060
Groove Dimension	115.00 x 123.80 x 6.00
O Ring Size	117.07 X 3.53

120.00

Part No	WDC 1200 1288 060
Groove Dimension	120.00 x 128.80 x 6.00
O Ring Size	120.24 X 3.53

125.00

Part No	WDC 1250 1338 060
Groove Dimension	125.00 x 133.80 x 6.00
O Ring Size	126.59 X 3.53

130.00

Part No	WDC 1300 1388 060
Groove Dimension	130.00 x 138.80 x 6.00
O Ring Size	132.94 X 3.53

140.00

Part No	WDC 1400 1488 060
Groove Dimension	140.00 x 148.80 x 6.00
O Ring Size	142.47 X 3.53

150.00

Part No	WDC 1500 1588 060
Groove Dimension	150.00 x 158.80 x 6.00
O Ring Size	151.99 X 3.53

160.00

Part No	WDC 1600 1688 060
Groove Dimension	160.00 x 168.80 x 6.00
O Ring Size	158.34 X 3.53

170.00

Part No	WDC 1700 1788 060
Groove Dimension	170.00 x 178.80 x 6.00
O Ring Size	171.04 X 3.53

180.00

Part No	WDC 1800 1888 060
Groove Dimension	180.00 x 188.80 x 6.00
O Ring Size	183.74 X 3.53

190.00

Part No	WDC 1900 1988 060
Groove Dimension	190.00 x 198.80 x 6.00
O Ring Size	190.99 X 3.53

200.00	
Part No	WDC 2000 2088 060
Groove Dimension	200.00 x 208.80 x 6.00
O Ring Size	202.79 X 3.53

210.00	
Part No	WDC 2100 2188 060
Groove Dimension	210.00 x 218.80 x 6.00
O Ring Size	209.14 X 3.53

220.00	
Part No	WDC 2200 2288 060
Groove Dimension	220.00 x 228.80 x 6.00
O Ring Size	221.84 X 3.53

230.00	
Part No	WDC 2300 2388 060
Groove Dimension	230.00 x 238.80 x 6.00
O Ring Size	228.19 X 3.53

240.00	
Part No	WDC 2400 2488 060
Groove Dimension	240.00 x 248.80 x 6.00
O Ring Size	240.89 X 3.53

250.00	
Part No	WDC 2500 2588 060
Groove Dimension	250.00 x 258.80 x 6.00
O Ring Size	253.59 X 3.53

260.00	
Part No	WDC 2600 2722 084
Groove Dimension	260.00 x 272.20 x 8.40
O Ring Size	253.37 X 5.33

270.00	
Part No	WDC 2700 2822 084
Groove Dimension	270.00 x 282.20 x 8.40
O Ring Size	266.07 X 3.53

280.00	
Part No	WDC 2800 2922 084
Groove Dimension	280.00 x 292.20 x 8.40
O Ring Size	278.77 X 3.53

290.00	
Part No	WDC 2900 3022 084
Groove Dimension	290.00 x 302.20 x 8.40
O Ring Size	291.47 X 3.53

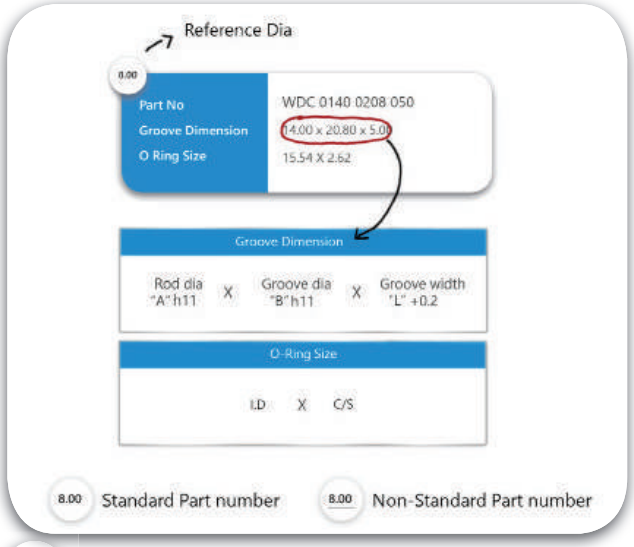
300.00	
Part No	WDC 3000 3122 084
Groove Dimension	300.00 x 312.20 x 8.40
O Ring Size	304.17 X 3.53

310.00	
Part No	WDC 3100 3222 084
Groove Dimension	310.00 x 322.20 x 8.40
O Ring Size	304.17 X 3.53

320.00	
Part No	WDC 3200 3322 084
Groove Dimension	320.00 x 332.20 x 8.40
O Ring Size	329.57 X 3.53

330.00	
Part No	WDC 3300 3422 084
Groove Dimension	330.00 x 342.20 x 8.40
O Ring Size	329.57 X 3.53

340.00	
Part No	WDC 3400 3522 084
Groove Dimension	340.00 x 352.20 x 8.40
O Ring Size	329.57 X 3.53



350.00

Part No	WDC 3500 3622 084
Groove Dimension	350.00 x 362.20 x 8.40
O Ring Size	354.97 X 3.53

360.00

Part No	WDC 3600 3722 084
Groove Dimension	360.00 x 372.20 x 8.40
O Ring Size	354.97 X 3.53

380.00

Part No	WDC 3800 3922 084
Groove Dimension	380.00 x 392.20 x 8.40
O Ring Size	380.37 X 3.53

400.00

Part No	WDC 4000 4122 084
Groove Dimension	400.00 x 412.20 x 8.40
O Ring Size	405.26 X 3.53

420.00

Part No	WDC 4200 4320 084
Groove Dimension	420.00 x 432.00 x 8.40
O Ring Size	430.66 X 3.53

430.00

Part No	WDC 4300 4460 110
Groove Dimension	430.00 x 446.00 x 11.00
O Ring Size	430.66 X 7.00

440.00

Part No	WDC 4400 4560 110
Groove Dimension	440.00 x 456.00 x 11.00
O Ring Size	443.36 X 7.00

450.00

Part No	WDC 4500 4660 110
Groove Dimension	450.00 x 466.00 x 11.00
O Ring Size	456.06 X 7.00

480.00

Part No	WDC 4800 4960 110
Groove Dimension	480.00 x 496.00 x 11.00
O Ring Size	481.46 X 7.00

500.00

Part No	WDC 5000 5160 110
Groove Dimension	500.00 x 516.00 x 11.00
O Ring Size	506.86 X 7.00

520.00

Part No	WDC 5200 5360 110
Groove Dimension	520.00 x 536.00 x 11.00
O Ring Size	506.86 X 7.00

550.00

Part No	WDC 5500 5660 110
Groove Dimension	550.00 x 566.00 x 11.00
O Ring Size	557.66 X 7.00

600.00

Part No	WDC 6000 6160 110
Groove Dimension	600.00 x 616.00 x 11.00
O Ring Size	608.08 X 7.00

620.00

Part No	WDC 6200 6360 110
Groove Dimension	620.00 x 636.00 x 11.00
O Ring Size	608.08 X 7.00

650.00

Part No	WDC 6500 6660 110
Groove Dimension	650.00 x 666.00 x 11.00
O Ring Size	658.88 X 7.00

700.00

Part No	WDC 7000 7200 140
Groove Dimension	700.00 x 720.00 x 14.00
O Ring Size	710 .00 X 8.40

800.00

Part No	WDC 8000 8200 140
Groove Dimension	800.00 x 820.00 x 6.00
O Ring Size	810.00 X 8.40

900.00

Part No	WDC 9000 9200 140
Groove Dimension	900.00 x 920.00 x 14.00
O Ring Size	910.00 X 8.40

TRIADA

WDE

Wiper Seals

#SealingExcellence






Description

The WDE Scraper is a Double lip Wiper Seal, composed of two rings. The dynamic seal is a ring in TRIALON® (compounded PTFE) while the static seal is an O-Ring in TRIAFLEX®, also acting as an energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.
The lip at the outer edge avoids the dust particles entering into the system for axially moving rods, hence eliminates the damage to other seals and internal components. The inner lip retains the Hydraulic film within the system, thereby eliminating the leakage and also providing adequate lubrication for the sealing lips. Strongly suggested to use with Back Pumping sealing elements (TRITILT® Seals for example), that too when experiencing high temperatures, media compatibility issues, tricky surroundings or when there is a concern related to frictional losses from Sealing System. Similar to WDF type of Seals but with different Groove Dimensions.

Diameter Range	Ø8.00 – Ø2700.00
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-30° C to 200° C (Based on Elastomer Material).
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. Conditions).

Material Details

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

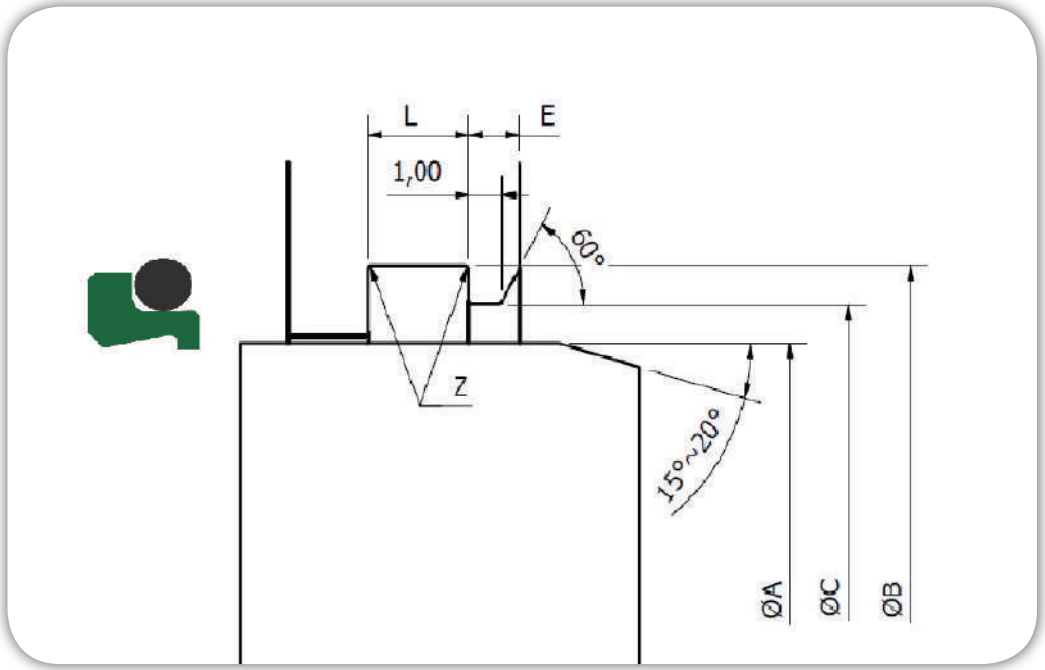
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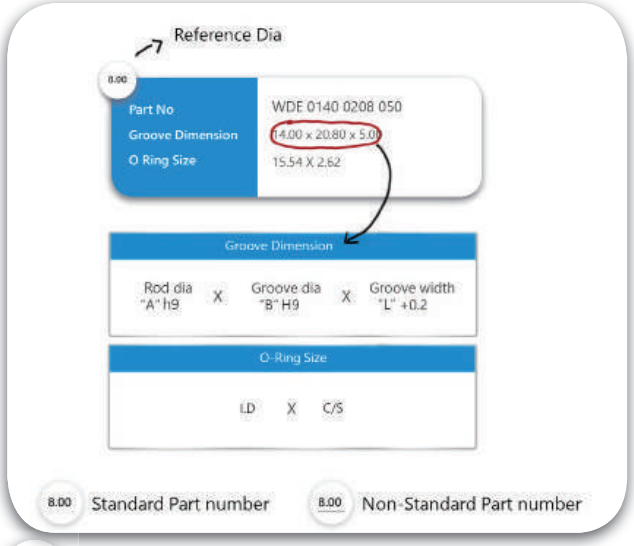
Part No	WDE	1000	1080	060	T415	N
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove details

Groove Width "L"	Mouth dia. "ØC"	Mouth Width "E" Min.	Radius "Z"
3.70mm	'ØA' + 1.50mm	2.00mm	0.80mm
5.00mm	'ØA' + 1.50mm	2.00mm	0.80mm
6.00mm	'ØA' + 1.50mm	3.00mm	1.00mm
8.40mm	'ØA' + 2.00mm	4.00mm	1.50mm
11.00mm	'ØA' + 2.00mm	4.00mm	1.50mm
14.00mm	'ØA' + 2.50mm	5.00mm	2.00mm





4.0

Part No	WDE 0040 0088 037
Groove Dimension	4.00 x 8.80 x 3.70 x 5.50
O Ring Size	5.60 x 1.80

5.0

Part No	WDE 0050 0098 037
Groove Dimension	5.00 x 9.80 x 3.70 x 6.50
O Ring Size	6.70 x 1.80

6.0

Part No	WDE 0060 0108 037
Groove Dimension	6.00 x 10.80 x 3.70 x 7.50
O Ring Size	7.65 x 1.78

8.0

Part No	WDE 0080 0128 037
Groove Dimension	8.00 x 12.80 x 3.70 x 9.50
O Ring Size	9.25 x 1.78

10.00

Part No	WDE 0100 0148 037
Groove Dimension	10.00 x 14.80 x 3.70 x 11.50
O Ring Size	8.00 x 3.10 x 2.20

12.00

Part No	WDE 0120 0188 050
Groove Dimension	12.00 x 18.80 x 5.00 x 13.50
O Ring Size	13.94 x 2.62

14.00

Part No	WDE 0140 0208 050
Groove Dimension	14.00 x 20.80 x 5.00 x 15.50
O Ring Size	15.54 x 2.62

15.00

Part No	WDE 0150 0218 050
Groove Dimension	15.00 x 21.80 x 5.00 x 16.50
O Ring Size	17.12 x 2.62

16.00

Part No	WDE 0016 0208 037
Groove Dimension	16.00 x 20.80 x 3.70 x 17.50
O Ring Size	17.17 x 1.78

16.00

Part No	WDE 0016 0228 050
Groove Dimension	16.00 x 22.80 x 5.00 x 17.50
O Ring Size	18.00 x 2.65

18.00

Part No	WDE 0018 0228 037
Groove Dimension	18.00 x 22.80 x 3.70 x 19.50
O Ring Size	19.00 x 1.80

18.00

Part No	WDE 0018 0248 050
Groove Dimension	18.00 x 24.80 x 5.00 x 19.50
O Ring Size	20.29 x 2.62

20.00

Part No	WDE 0200 0268 050
Groove Dimension	20.00 x 26.80 x 5.00 x 21.50
O Ring Size	21.89 x 2.62

22.00	
Part No	WDE 0220 0288 050
Groove Dimension	22.00 x 28.80 x 5.00 x 23.50
O Ring Size	23.47 x 2.62

25.00	
Part No	WDE 0250 0318 050
Groove Dimension	25.00 x 31.80 x 5.00 x 26.50
O Ring Size	26.64 x 2.62

28.00	
Part No	WDE 0280 0348 050
Groove Dimension	28.00 x 34.80 x 5.00 x 29.50
O Ring Size	29.82 x 2.62

30.00	
Part No	WDE 0300 0348 037
Groove Dimension	30.00 x 34.80 x 3.70 x 31.50
O Ring Size	31.47 x 1.78

30.00	
Part No	WDE 0300 0368 050
Groove Dimension	30.00 x 36.80 x 5.00 x 31.50
O Ring Size	31.42 x 2.62

32.00	
Part No	WDE 0320 0388 050
Groove Dimension	32.00 x 38.80 x 5.00 x 33.50
O Ring Size	34.59 x 2.62

35.00	
Part No	WDE 0350 0418 050
Groove Dimension	35.00 x 41.80 x 5.00 x 36.50
O Ring Size	36.17 x 2.62

36.00	
Part No	WDE 0360 0428 050
Groove Dimension	36.00 x 42.80 x 5.00 x 37.50
O Ring Size	37.77 x 2.62

37.00	
Part No	WDE 0370 0438 050
Groove Dimension	37.00 x 43.80 x 5.00 x 38.50
O Ring Size	39.34 x 2.62

40.00	
Part No	WDE 0400 0468 050
Groove Dimension	40.00 x 46.80 x 5.00 x 41.50
O Ring Size	39.34 x 2.63

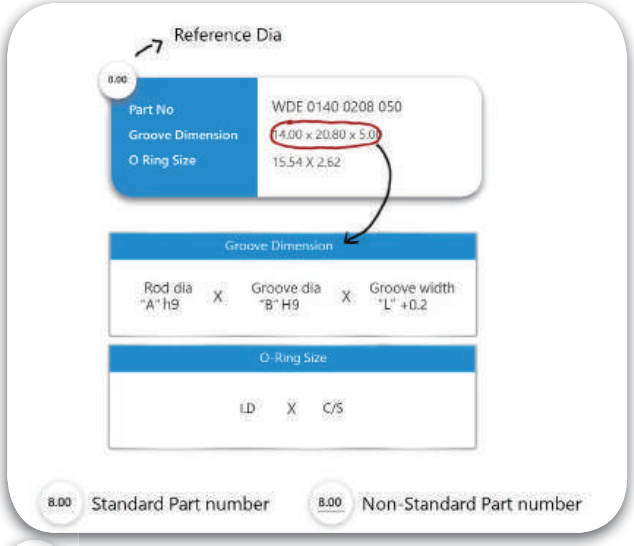
42.00	
Part No	WDE 0420 0488 050
Groove Dimension	42.00 x 48.80 x 5.00 x 43.50
O Ring Size	42.52 x 2.62

45.00	
Part No	WDE 0450 0518 050
Groove Dimension	45.00 x 51.80 x 5.00 x 46.50
O Ring Size	47.29 x 2.620

49.00	
Part No	WDE 0490 0558 050
Groove Dimension	49.00 x 55.80 x 5.00 x 50.50
O Ring Size	50.47 x 2.62

50.00	
Part No	WDE 0500 0568 050
Groove Dimension	50.00 x 56.80 x 5.00 x 51.50
O Ring Size	52.07 x 2.62

50.80	
Part No	WDE 0508 0576 050
Groove Dimension	50.80 x 57.60 x 5.00 x 52.30
O Ring Size	52.07 x 2.63



54.00

Part No	WDE 0540 0608 050
Groove Dimension	54.00 x 60.80 x 5.00 x 55.50
O Ring Size	55.25 x 2.62

55.00

Part No	WDE 0550 0618 050
Groove Dimension	55.00 x 61.80 x 5.00 x 56.50
O Ring Size	56.82 x 2.62

56.00

Part No	WDE 0560 0628 050
Groove Dimension	56.00 x 62.80 x 5.00 x 57.50
O Ring Size	58.42 x 2.62

56.00

Part No	WDE 0600 0668 050
Groove Dimension	60.00 x 66.80 x 5.00 x 61.50
O Ring Size	61.60 x 2.62

63.00

Part No	WDE 0630 0698 050
Groove Dimension	63.00 x 69.80 x 5.00 x 64.50
O Ring Size	64.77 x 2.62

65.00

Part No	WDE 0650 0738 060
Groove Dimension	65.00 x 73.80 x 6.00 x 66.50
O Ring Size	69.44 x 3.53

70.00

Part No	WDE 0700 0788 060
Groove Dimension	70.00 x 78.80 x 6.00 x 71.50
O Ring Size	72.62 x 3.53

75.00

Part No	WDE 0750 0838 060
Groove Dimension	75.00 x 83.80 x 6.00 x 76.50
O Ring Size	78.97 x 3.53

80.00

Part No	WDE 0800 0888 060
Groove Dimension	80.00 x 88.80 x 6.00 x 81.50
O Ring Size	82.14 x 3.53

85.00

Part No	WDE 0850 0938 060
Groove Dimension	85.00 x 93.80 x 6.00 x 86.50
O Ring Size	88.49 x 3.53

90.00

Part No	WDE 0900 0988 060
Groove Dimension	90.00 x 98.80 x 6.00 x 91.50
O Ring Size	94.84 x 3.53

95.00

Part No	WDE 0950 1038 060
Groove Dimension	95.00 x 103.80 x 6.00 x 96.50
O Ring Size	98.02 x 3.53

100.00

Part No	WDE 1000 1088 060
Groove Dimension	100.00 x 108.80 x 6.00 x 101.50
O Ring Size	104.37 x 3.53

105.00

Part No	WDE 1050 1138 060
Groove Dimension	105.00 x 113.80 x 6.00 x 106.50
O Ring Size	107.54 x 3.53

110.00

Part No	WDE 1100 1188 060
Groove Dimension	110.00 x 118.80 x 6.00 x 111.50
O Ring Size	113.89 x 3.53

115.00

Part No	WDE 1150 1238 060
Groove Dimension	115.00 x 123.80 x 6.00 x 116.50
O Ring Size	117.07 x 3.53

120.00

Part No	WDE 1200 1288 060
Groove Dimension	120.00 x 128.80 x 6.00 x 121.50
O Ring Size	123.42 x 3.53

125.00

Part No	WDE 1250 1338 060
Groove Dimension	125.00 x 133.80 x6.00 x 126.50
O Ring Size	129.77 x 3.53

130.00

Part No	WDE 1300 1388 060
Groove Dimension	130.00 x 138.80 x6.00 x 131.50
O Ring Size	132.94 x 3.53

135.00

Part No	WDE 1350 1438 060
Groove Dimension	135.00 x 143.80 x 6.00 x 136.50
O Ring Size	139.29 x 3.53

137.00

Part No	WDE 1370 1458 060
Groove Dimension	137.00 x 145.80 x 6.00 x 138.50
O Ring Size	139.29 x 3.54

140.00

Part No	WDE 1400 1488 060
Groove Dimension	140.00 x 148.80 x 6.00 x 141.50
O Ring Size	142.47 x 3.53

145.00

Part No	WDE 1450 1538 060
Groove Dimension	145.00 x 153.80 x 6.00 x 146.50
O Ring Size	148.82 x 3.53

150.00

Part No	WDE 1500 1588 060
Groove Dimension	150.00 x 158.80 x 6.00 x 151.50
O Ring Size	158.34 x 3.53

160.00

Part No	WDE 1600 1688 060
Groove Dimension	160.00 x 168.80 x 6.00 x 161.50
O Ring Size	164.69 x 3.53

170.00

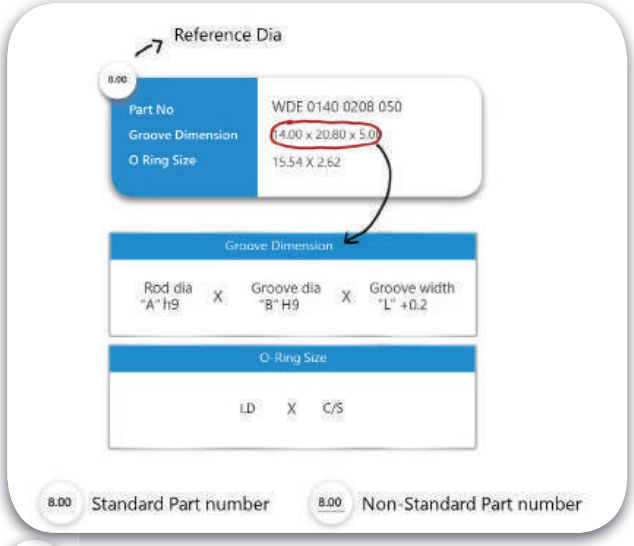
Part No	WDE 1700 1788 060
Groove Dimension	170.00 x 178.80 x 6.00 x 171.50
O Ring Size	177.39 x 3.53

180.00

Part No	WDE 1800 1888 060
Groove Dimension	180.00 x 188.80 x 6.00 x 181.50
O Ring Size	183.74 x 3.53

190.00

Part No	WDE 1900 1988 060
Groove Dimension	190.00 x 198.80 x 6.00 x 191.50
O Ring Size	196.44 x 3.53



200.00

Part No	WDE 2000 2088 060
Groove Dimension	200.00 x 208.80 x 6.00 x 201.50
O Ring Size	202.79 x 3.53

210.00

Part No	WDE 2100 2188 060
Groove Dimension	210.00 x 218.80 x 6.00 x 210.50
O Ring Size	215.49 x 3.53

220.00

Part No	WDE 2200 2288 060
Groove Dimension	220.00 x 228.80 x 6.00 x 221.50
O Ring Size	228.19 x 3.53

230.00

Part No	WDE 2300 2388 060
Groove Dimension	230.00 x 238.80 x 6.00 x 231.50
O Ring Size	234.54 x 3.53

240.00

Part No	WDE 2400 2488 060
Groove Dimension	240.00 x 248.80 x 6.00 x 241.50
O Ring Size	240.89 x 3.53

250.00

Part No	WDE 2500 2588 060
Groove Dimension	250.00 x 258.80 x 6.00 x 251.50
O Ring Size	253.58 x 3.53

260.00

Part No	WDE 2600 2722 084
Groove Dimension	260.00 x 272.20 x 8.40 x 262.00
O Ring Size	266.07 x 5.33

280.00

Part No	WDE 2800 2922 084
Groove Dimension	280.00 x 292.20 x 8.40 x 282.00
O Ring Size	291.47 x 5.33

300.00

Part No	WDE 3000 3122 084
Groove Dimension	300.00 x 312.20 x 8.40 x 302.00
O Ring Size	304.17 x 5.33

320.00

Part No	WDE 3200 3322 084
Groove Dimension	320.00 x 332.20 x 8.40 x 322.00
O Ring Size	329.57 x 5.33

350.00

Part No	WDE 3500 3622 084
Groove Dimension	350.00 x 362.20 x 8.40 x 352.00
O Ring Size	354.97 x 5.33

360.00

Part No	WDE 3600 3722 084
Groove Dimension	360.00 x 372.20 x 8.40 x 362.00
O Ring Size	354.97 x 5.33

370.00

Part No	WDE 3700 3822 084
Groove Dimension	370.00 x 382.20 x 8.40 x 372.00
O Ring Size	380.37 x 5.33

400.00

Part No	WDE 4000 4122 084
Groove Dimension	400.00 x 412.20 x 8.40 x 402.00
O Ring Size	405.26 x 5.33

440.00

Part No	WDE 4400 4560 110
Groove Dimension	440.00 x 456.00 x 11.00 x 442.00
O Ring Size	456.06 x 7.00

480.00

Part No	WDE 4800 4960 110
Groove Dimension	480.00 x 496.00 x 11.00 x 482.00
O Ring Size	494.16 x 7.00

600.00

Part No	WDE 6000 6160 110
Groove Dimension	600.00 x 616.00 x 11.00 x 602.00
O Ring Size	608.08 x 7.00

630.00

Part No	WDE 6300 6460 110
Groove Dimension	630.00 x 646.00 x 11.00 x 632.00
O Ring Size	633.48 x 7.00

680.00

Part No	WDE 6800 7000 140
Groove Dimension	680.00 x 700.00 x 14.00 x 682.50
O Ring Size	680.00 x 8.40

700.00

Part No	WDE 7000 7200 140
Groove Dimension	700.00 x 720.00 x 14.00 x 702.50
O Ring Size	715.00 x 8.40

770.00

Part No	WDE 7700 7900 140
Groove Dimension	770.00 x 790.00 x 14.00 x 772.50
O Ring Size	774.10 x 8.40

828.00

Part No	WDE 8280 8480 140
Groove Dimension	828.00 x 848.00 x 14.00 x 830.50
O Ring Size	845.00 x 8.40

880.00

Part No	WDE 8800 9000 140
Groove Dimension	880.00 x 900.00 x 14.00 x 882.50
O Ring Size	888.00 x 8.40

900.00

Part No	WDE 9000 9200 140
Groove Dimension	900.00 x 920.00 x 14.00 x 902.50
O Ring Size	888.00 x 8.40

1035.00

Part No	WDEx1030 1050 014
Groove Dimension	1030.00x1050.00x14.00x1032.50
O Ring Size	1035.00 x 8.40

1180.00

Part No	WDEx1180 1200 014
Groove Dimension	1180.00x1200.00x14.00x1182.50
O Ring Size	1185.00 x 8.40

TRIADA

WDF

Wiper Seals

#SealingExcellence






Description

The WDF Scraper is a Double lip Wiper Seal, composed of two rings. The dynamic seal is a ring in TRIALON® (compounded PTFE) while the static seal is an O-Ring in TRIAFLEX®, also acting as an energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.

The lip at the outer edge avoids the dust particles entering into the system for axially moving rods, hence eliminates the damage to other seals and internal components. The inner lip retains the Hydraulic film within the system, thereby eliminating the leakage and also providing adequate lubrication for the sealing lips. Strongly suggested to use with Back Pumping sealing elements (TRITILT® Seals for example), that too when experiencing high temperatures, media compatibility issues, tricky surroundings or when there is a concern related to frictional losses from Sealing System. Similar to WDE type of Seals but with different Groove Dimensions.

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Diameter Range	Ø20.00 – Ø2700.00
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-30° C to 200° C (Based on Elastomer Material).
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. Conditions).

Material Details

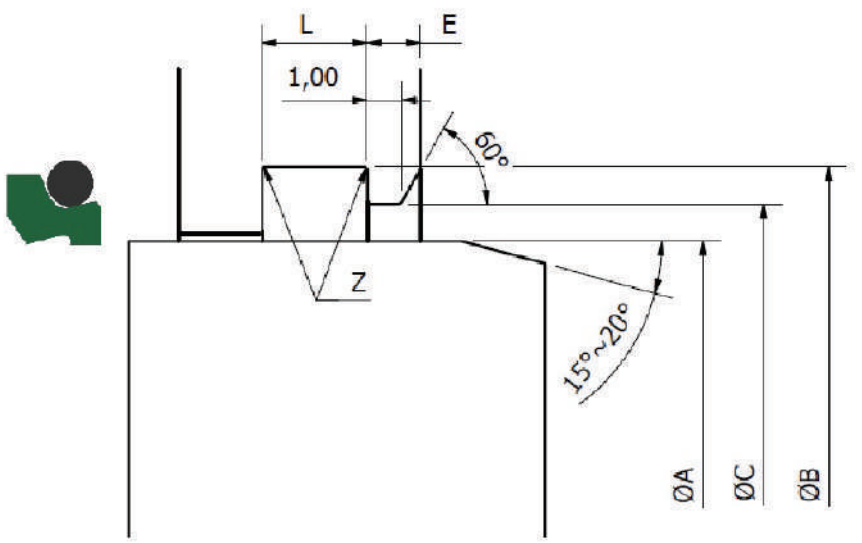
Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

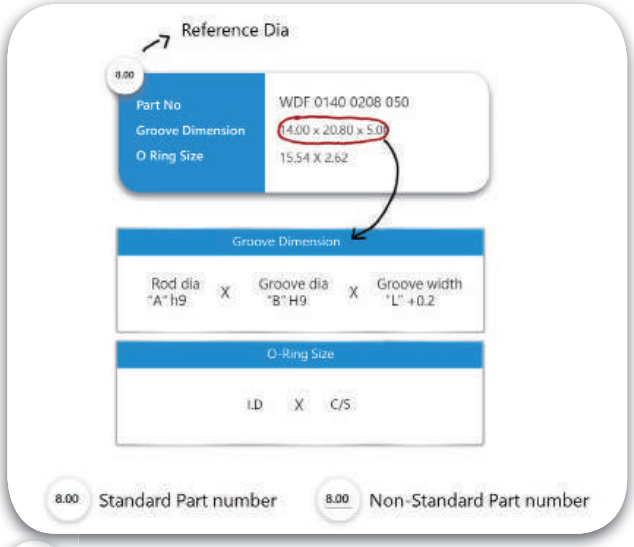
Nomenclature

Part No	WDF	1000	1080	060	T415	N
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code

Groove details

Groove Width "L"	Mouth dia. "ØC"	Mouth Width "E" Min.	Radius "Z"
4.20mm	'ØA' + 1.50mm	3.00mm	0.80mm
6.30mm	'ØA' + 1.50mm	3.00mm	0.80mm
8.10mm	'ØA' + 2.00mm	4.00mm	1.00mm
9.50mm	'ØA' + 2.50mm	5.00mm	1.50mm
14.00mm	'ØA' + 2.50mm	8.00mm	1.50mm
16.00mm	'ØA' + 2.50mm	10.00mm	2.00mm





20.00

Part No	WDF 0200 0276 042
Groove Dimension	20.00 x 27.60 x 4.20
O Ring Size	21.89 x 2.62

25.00

Part No	WDF 0250 0326 042
Groove Dimension	25.00 x 32.60 x 4.20
O Ring Size	28.24 x 2.62

28.00

Part No	WDF 0280 0356 042
Groove Dimension	28.00 x 35.60 x 4.20
O Ring Size	29.82 x 2.62

30.00

Part No	WDF 0300 0376 042
Groove Dimension	30.00 x 37.60 x 4.20
O Ring Size	32.99 x 2.62

30.00

Part No	WDF 0320 0396 042
Groove Dimension	32.00 x 39.60 x 4.20
O Ring Size	34.59 x 2.62

36.00

Part No	WDF 0360 0436 042
Groove Dimension	36.00 x 43.60 x 4.20
O Ring Size	39.34 x 2.62

40.00

Part No	WDF 0400 0488 063
Groove Dimension	40.00 x 48.80 x 6.30
O Ring Size	44.12 x 2.62

42.00

Part No	WDF 0420 0508 063
Groove Dimension	42.00 x 50.80 x 6.30
O Ring Size	45.69 x 2.62

45.00

Part No	WDF 0450 0538 063
Groove Dimension	45.00 x 53.80 x 6.30
O Ring Size	48.90 x 2.62

50.00

Part No	WDF 0500 0588 063
Groove Dimension	50.00 x 58.80 x 6.30
O Ring Size	53.64 x 2.62

55.00

Part No	WDF 0550 0638 063
Groove Dimension	55.00 x 63.80 x 6.30
O Ring Size	58.42 x 2.62

56.00

Part No	WDF 0560 0648 063
Groove Dimension	56.00 x 64.80 x 6.30
O Ring Size	59.99 x 2.62

60.00

Part No	WDF 0600 0688 063
Groove Dimension	60.00 x 68.80 x 6.30
O Ring Size	63.17 x 2.62

63.00

Part No	WDF 0630 0718 063
Groove Dimension	63.00 x 71.80 x 6.30
O Ring Size	66.34 x 2.62

65.00

Part No	WDF 0650 0738 063
Groove Dimension	65.00 x 73.80 x 6.30
O Ring Size	67.95 x 2.62

70.00

Part No	WDF 0700 0788 063
Groove Dimension	70.00 x 78.80 x 6.30
O Ring Size	72.69 x 2.62

70.00

Part No	WDF 0700 0822 081
Groove Dimension	70.00 x 82.20 x 8.10
O Ring Size	75.79 x 3.53

75.00

Part No	WDF 0750 0872 081
Groove Dimension	75.00 x 87.20 x 8.10
O Ring Size	78.97 x 3.53

80.00

Part No	WDF 0800 0888 063
Groove Dimension	80.00 x 88.80 x 6.30
O Ring Size	82.22 x 2.62

80.00

Part No	WDF 0800 0922 081
Groove Dimension	80.00 x 92.20 x 8.10
O Ring Size	85.32 x 3.53

85.00

Part No	WDF 0850 0972 081
Groove Dimension	85.00 x 97.20 x 8.10
O Ring Size	88.49 x 3.53

90.00

Part No	WDF 0900 0988 063
Groove Dimension	90.00 x 98.80 x 6.30
O Ring Size	94.92 x 2.62

90.00

Part No	WDF 0900 1022 081
Groove Dimension	90.00 x 102.20 x 8.10
O Ring Size	94.84 x 3.53

97.00

Part No	WDF 0970 1092 081
Groove Dimension	97.00 x 109.20 x 8.10
O Ring Size	101.19 x 3.53

99.00

Part No	WDF 0990 1112 081
Groove Dimension	99.00 x 112.00 x 8.10
O Ring Size	104.37 x 3.53

100.00

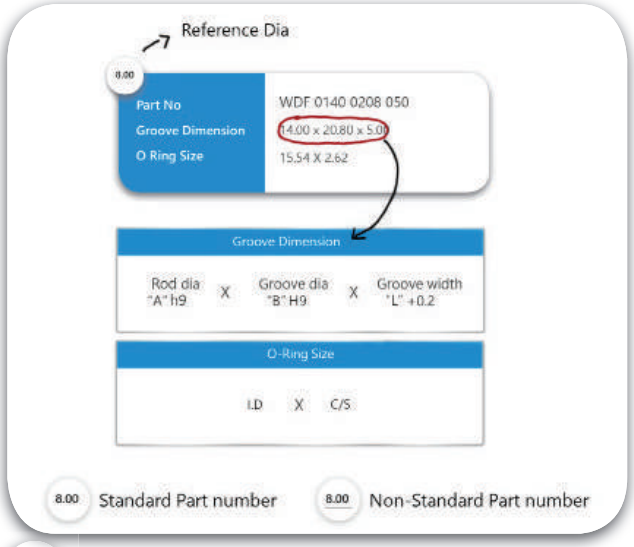
Part No	WDF 1000 1088 063
Groove Dimension	100.00 x 108.80 x 6.30
O Ring Size	101.27 x 2.62

100.00

Part No	WDF 1000 1122 081
Groove Dimension	100.00 x 112.20 x 8.10
O Ring Size	104.37 x 3.53

105.00

Part No	WDF 1050 1172 081
Groove Dimension	105.00 x 117.20 x 8.10
O Ring Size	110.72 x 3.53



110.00	
Part No	WDF 1100 1188 063
Groove Dimension	110.00 x 118.80 x 6.30
O Ring Size	113.97 x 2.62

110.00	
Part No	WDF 1100 1222 081
Groove Dimension	110.00 x 122.20 x 8.10
O Ring Size	113.89 x 3.53

111.50	
Part No	WDF 1115 1272 081
Groove Dimension	111.50 x 127.20 x 8.10
O Ring Size	120.24 x 3.53

120.00	
Part No	WDF 1200 1322 081
Groove Dimension	120.00 x 132.20 x 8.10
O Ring Size	123.42 x 3.53

125.00	
Part No	WDF 1250 1338 063
Groove Dimension	125.00 x 133.80 x 6.30
O Ring Size	126.67 x 2.62

125.00	
Part No	WDF 1250 1372 081
Groove Dimension	125.00 x 137.20 x 8.10
O Ring Size	129.77 x 3.53

125.40	
Part No	WDF 1254 1376 081
Groove Dimension	125.40 x 137.60 x 8.10
O Ring Size	129.77 x 3.53

130.00	
Part No	WDF 1300 1422 081
Groove Dimension	130.00 x 142.20 x 8.10
O Ring Size	136.12 x 3.53

135.00	
Part No	WDF 1350 1478 081
Groove Dimension	135.00 x 147.80 x 6.30
O Ring Size	139.29 x 3.53

140.00	
Part No	WDF 1400 1522 081
Groove Dimension	140.00 x 152.20 x 8.10
O Ring Size	145.64 x 3.53

140.00	
Part No	WDF 1400 1560 095
Groove Dimension	140.00 x 156.00 x 9.50
O Ring Size	145.42 x 5.33

140.50	
Part No	WDF 1405 1565 095
Groove Dimension	140.50 x 156.50 x 9.50
O Ring Size	145.42 x 5.33

150.00	
Part No	WDF 1500 1660 095
Groove Dimension	150.00 x 166.00 x 9.50
O Ring Size	158.12 x 5.33

153.00

Part No	WDF 1530 1690 095
Groove Dimension	153.00 x 169.00 x 9.50
O Ring Size	158.12 x 5.33

155.00

Part No	WDF 1550 1710 095
Groove Dimension	155.00 x 171.00 x 9.50
O Ring Size	158.12 x 5.33

160.00

Part No	WDF 1600 1722 081
Groove Dimension	160.00 x 172.20 x 8.10
O Ring Size	164.69 x 3.53

160.00

Part No	WDF 1600 1760 095
Groove Dimension	160.00 x 176.00 x 9.50
O Ring Size	164.47 x 5.33

165.00

Part No	WDF 1650 1810 095
Groove Dimension	165.00 x 181.00 x 9.50
O Ring Size	170.82 x 5.33

170.00

Part No	WDF 1700 1860 095
Groove Dimension	170.00 x 186.00 x 9.50
O Ring Size	82.22 x 2.62

175.00

Part No	WDF 1750 1910 095
Groove Dimension	175.00 x 191.00 x 9.50
O Ring Size	85.32 x 3.53

180.00

Part No	WDF 1800 1922 081
Groove Dimension	180.00 x192.20 x 8.10
O Ring Size	183.74 x 3.53

180.00

Part No	WDF 1800 1960 095
Groove Dimension	180.00 x 196.00 x 9.50
O Ring Size	183.52 x 5.33

188.20

Part No	WDF 1882 2042 095
Groove Dimension	188.20 x 204.20 x 9.50
O Ring Size	196.22 x 5.33

190.00

Part No	WDF 1900 2060 095
Groove Dimension	190.00 x 206.00 x 9.50
O Ring Size	196.22 x 5.33

192.00

Part No	WDF 1920 2080 095
Groove Dimension	192.00 x 208.00 x 9.50
O Ring Size	196.22 x 5.33

200.00

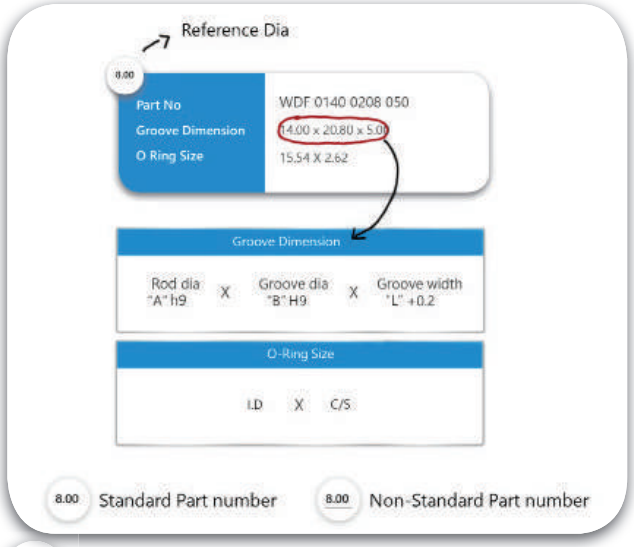
Part No	WDF 2000 2122 081
Groove Dimension	200.00 x 212.20 x 8.10
O Ring Size	202.79 x 3.53

200.00

Part No	WDF 2000 2160 095
Groove Dimension	200.00 x 216.00 x 9.50
O Ring Size	202.57 x 5.33

211.00

Part No	WDF 2110 2270 095
Groove Dimension	211.00 x 227.20 x 9.50
O Ring Size	215.27 x 5.33



220.00

Part No	WDF 2200 2320 081
Groove Dimension	220.00 x 232.00 x 8.10
O Ring Size	228.19 x 3.53

220.00

Part No	WDF 2200 2360 095
Groove Dimension	220.00 x 236.00 x 9.50
O Ring Size	227.97 x 5.33

240.00

Part No	WDF 2400 2560 095
Groove Dimension	240.00 x 256.00 x 9.50
O Ring Size	247.02 x 5.33

250.00

Part No	WDF 2500 2622 081
Groove Dimension	250.00 x 262.20 x 8.10
O Ring Size	253.59 x 3.53

250.00

Part No	WDF 2500 2660 095
Groove Dimension	250.00 x 266.00 x 9.50
O Ring Size	253.37 x 5.33

260.00

Part No	WDF 2600 2760 095
Groove Dimension	260.00 x 276.00 x 9.50
O Ring Size	266.07 x 5.33

270.00

Part No	WDF 2700 2860 095
Groove Dimension	270.00 x 286.00 x 9.50
O Ring Size	278.77 x 5.33

280.00

Part No	WDF 2800 2922 081
Groove Dimension	280.00 x 292.20 x 8.10
O Ring Size	291.69 x 3.53

280.00

Part No	WDF 2800 2960 095
Groove Dimension	280.00 x 296.00 x 9.50
O Ring Size	291.47 x 5.33

300.00

Part No	WDF 3000 3160 095
Groove Dimension	300.00 x 316.00 x 9.50
O Ring Size	304.17 x 5.33

320.00

Part No	WDF 3200 3322 081
Groove Dimension	320.00 x 332.20 x 8.10
O Ring Size	329.79 x 3.53

320.00

Part No	WDF 3200 3360 095
Groove Dimension	320.00 x 336.00 x 9.50
O Ring Size	329.57 x 5.33

330.00

Part No	WDF 3300 3460 095
Groove Dimension	330.00 x 346.00 x 9.50
O Ring Size	329.57 x 5.33

350.00	
Part No	WDF 3500 3660 095
Groove Dimension	350.00 x 366.00 x 9.50
O Ring Size	354.97 x 5.33

360.00	
Part No	WDF 3600 3722 081
Groove Dimension	360.00 x 372.20 x 8.10
O Ring Size	380.59 x 3.53

360.00	
Part No	WDF 3600 3760 095
Groove Dimension	360.00 x 376.00 x 9.50
O Ring Size	380.37 x 5.33

380.00	
Part No	WDF 3800 3960 095
Groove Dimension	360.00 x 396.00 x 9.50
O Ring Size	380.37 x 5.33

400.00	
Part No	WDF 4000 4240 140
Groove Dimension	400.00 x 424.00 x 14.00
O Ring Size	405.26 x 7.00

440.00	
Part No	WDF 4400 4640 140
Groove Dimension	440.00 x 464.00 x 14.00
O Ring Size	456.06 x 7.00

450.00	
Part No	WDF 4500 4740 140
Groove Dimension	450.00 x 474.00 x 14.00
O Ring Size	456.06 x 7.00

480.00	
Part No	WDF 4800 5040 140
Groove Dimension	480.00 x504.00 x 14.00
O Ring Size	494.16 x 7.00

500.00	
Part No	WDF 5000 5240 140
Groove Dimension	500.00 x 524.00 x 14.00
O Ring Size	506.86 x 7.00

560.00	
Part No	WDF 5600 5840 140
Groove Dimension	560.00 x 584.00 x 14.00
O Ring Size	582.68 x 7.00

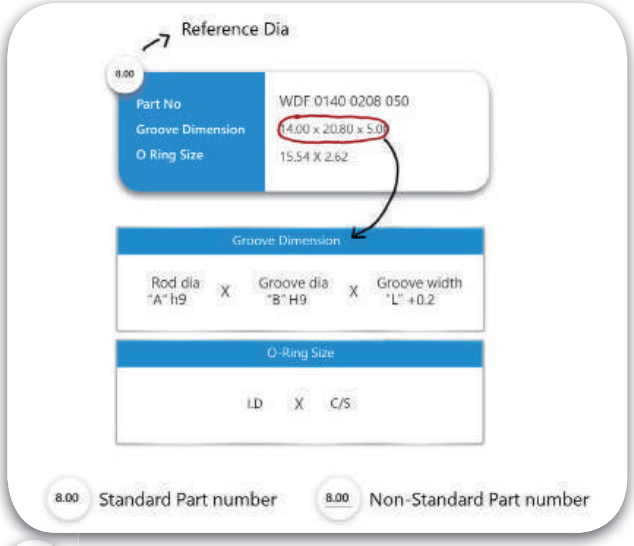
600.00	
Part No	WDF 6000 6240 140
Groove Dimension	600.00 x 624.00 x 14.00
O Ring Size	608.08 x 7.00

650.00	
Part No	WDF 6500 6773 160
Groove Dimension	650.00 x 677.30 x 16.00
O Ring Size	649.00 x 8.40

680.00	
Part No	WDF 6800 7073 160
Groove Dimension	680.00 x 707.30 x 16.00
O Ring Size	680.00 x 8.40

700.00	
Part No	WDF 7000 7273 160
Groove Dimension	700.00 x 727.30 x 16.00
O Ring Size	715.00 x 8.40

770.00	
Part No	WDF 7700 7973 160
Groove Dimension	770.00 x 797.30 x 16.00
O Ring Size	774.10 x 8.40



785.00

Part No	WDF 7850 8123 160
Groove Dimension	785.00 x 812.30 x 16.00
O Ring Size	810.00 x 8.40

800.00

Part No	WDF 8000 8273 160
Groove Dimension	800.00 x 827.30 x 9.50
O Ring Size	810.00 x 8.40

810.00

Part No	WDF 8100 8373 160
Groove Dimension	810.00 x 837.30 x 16.00
O Ring Size	810.80 x 8.40

900.00

Part No	WDF 9000 9273 160
Groove Dimension	900.00 x 927.30 x 16.00
O Ring Size	910.00 x 8.40

950.00

Part No	WDF 9500 9773 160
Groove Dimension	950.00 x 977.30 x 16.00
O Ring Size	959.10 x 8.40

1000.0

Part No	WDFx1000 1027 016
Groove Dimension	1000.00 x 1027.00 x 16.00
O Ring Size	1010.00 x 8.40

1040.0

Part No	WDFx1040 1067 016
Groove Dimension	1040.00 x 1067.00 x 16.00
O Ring Size	1050.00 x 8.40

1130.0

Part No	WDFx1130 1157 016
Groove Dimension	1130.00 x 1157.00 x 16.00
O Ring Size	1140.00 x 8.40

1200.0

Part No	WDFx1200 1227 016
Groove Dimension	1200.00 x 1127.00 x 16.00
O Ring Size	1210.00 x 8.40

2600.0

Part No	WDFx2600 2627 016
Groove Dimension	2600.00 x 2627.00 x 16.00
O Ring Size	2610.00 x 8.40

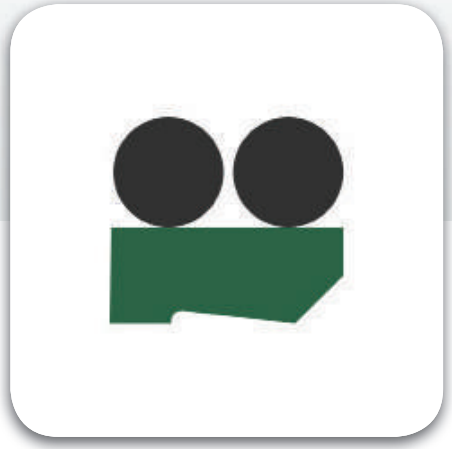
TRIADA

WDT

Wiper Seals

#SealingExcellence



Description

The WDT Wiper is a Double Lip Wiper Seal, composing of two elements. The dynamic seal is a ring in TRIALON® (compounded PTFE) while the static sealing is by two O-Rings in TRIAFLEX®, also acting as an energizer. The presence of two O-Rings helps in balancing the Seal, particularly when the Wiper Seal is left to experience any spike pressures and also gives added grip on to the Rod surface. Assembling is bit easier compared to WDE & WDF type seals, due to the narrow cross section of the WDT type Seal.
Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.
The lip at the outer edge avoids the dust particles entering into the system for axially moving rods, hence eliminates the damage for other seals and internal components.

Diameter Range	Ø4.00 – Ø2700.00
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-30° C to 200° C (Based on Elastomer Material).
Speed	≤ 15.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based).

Material Details

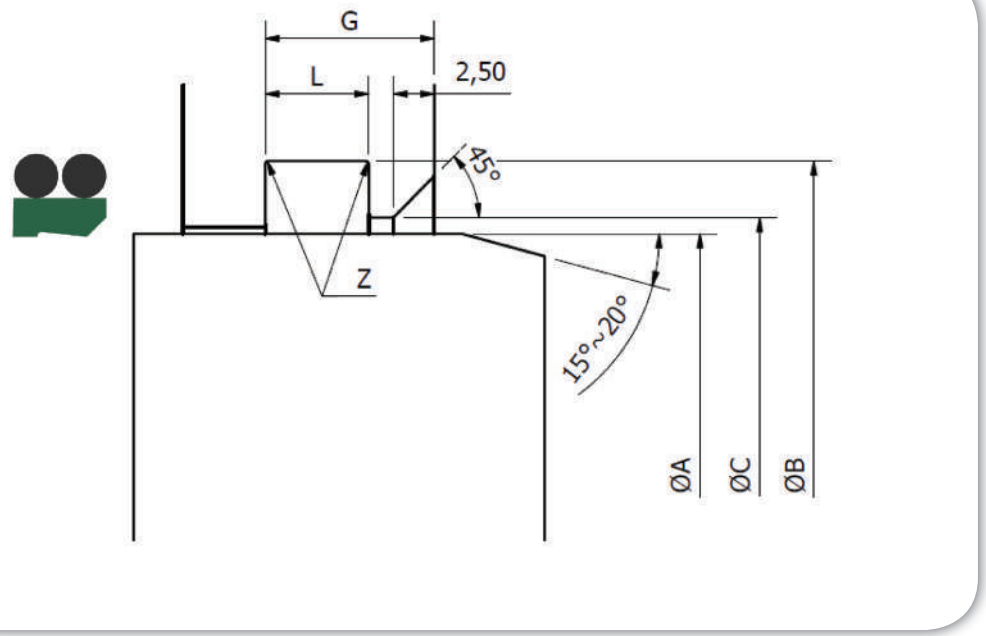
Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

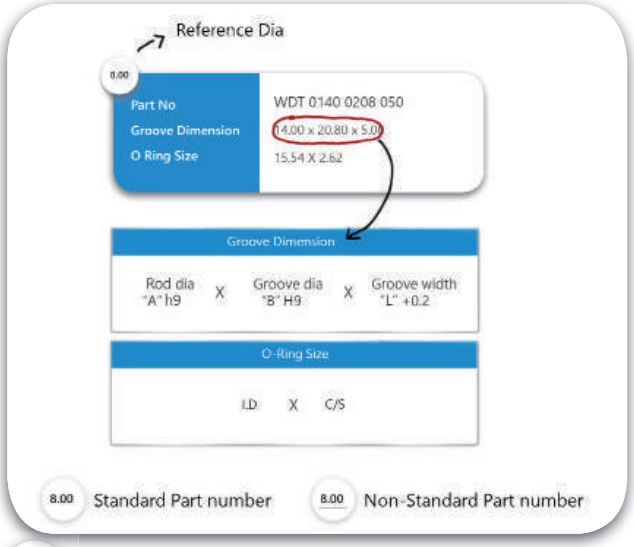
Nomenclature

Part No	WDT	1000	1080	060	T415	N
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code

Groove details

Groove Width "L"	Mouth dia. "ØC"	Mouth Width "G" Min.	Radius "Z"
4.20mm	'ØA' + 1.00mm	8.20mm	0.40mm
6.30mm	'ØA' + 1.50mm	10.30mm	1.20mm
8.10mm	'ØA' + 2.00mm	12.10mm	2.00mm
11.50mm	'ØA' + 2.00mm	15.50mm	2.00mm
15.50mm	'ØA' + 2.50mm	19.50mm	2.00mm
18.00mm	'ØA' + 2.50mm	22.00mm	2.00mm





20.00

Part No	WDT 0200 0276 042
Groove Dimension	20.00 x 27.60 x 4.20
O Ring Size	23.52 x 1.78

25.00

Part No	WDT 0250 0326 042
Groove Dimension	25.00 x 32.60 x 4.20
O Ring Size	28.30 x 1.78

28.00

Part No	WDT 0280 0356 042
Groove Dimension	28.00 x 35.60 x 4.20
O Ring Size	31.47 x 1.78

30.00

Part No	WDT 0300 0376 042
Groove Dimension	30.00 x 37.60 x 4.20
O Ring Size	34.65 x 1.78

32.00

Part No	WDT 0320 0396 042
Groove Dimension	32.00 x 39.60 x 4.20
O Ring Size	34.65 x 1.78

35.00

Part No	WDT 0350 0426 042
Groove Dimension	35.00 x 42.60 x 4.20
O Ring Size	37.82 x 1.78

36.00

Part No	WDT 0360 0436 042
Groove Dimension	36.00 x 43.60 x 4.20
O Ring Size	41.00 x 1.78

40.00

Part No	WDT 0400 0488 063
Groove Dimension	40.00 x 48.80 x 6.30
O Ring Size	44.12 x 2.62

42.00

Part No	WDT 0420 0508 063
Groove Dimension	42.00 x 50.80 x 6.30
O Ring Size	45.69 x 2.62

45.00

Part No	WDT 0450 0538 063
Groove Dimension	45.00 x 53.80 x 6.30
O Ring Size	48.90 x 2.62

50.00

Part No	WDT 0500 0588 063
Groove Dimension	50.00 x 58.80 x 6.30
O Ring Size	44.12 x 2.62

55.00

Part No	WDT 0550 0638 063
Groove Dimension	55.00 x 63.80 x 6.30
O Ring Size	58.42 x 2.62

56.00

Part No	WDT 0560 0648 063
Groove Dimension	56.00 x 64.80 x 6.30
O Ring Size	59.99 x 2.62

60.00

Part No	WDT 0600 0688 063
Groove Dimension	60.00 x 68.80 x 6.30
O Ring Size	63.17 x 2.62

63.00

Part No	WDT 0630 0718 063
Groove Dimension	63.00 x 71.80 x 6.30
O Ring Size	66.34 x 2.62

65.00

Part No	WDT 0650 0738 063
Groove Dimension	65.00 x 73.80 x 6.30
O Ring Size	67.95 x 2.62

70.00

Part No	WDT 0700 0822 081
Groove Dimension	70.00 x 82.20 x 8.10
O Ring Size	75.79 x 3.53

75.00

Part No	WDT 0750 0872 081
Groove Dimension	75.00 x 87.20 x 8.10
O Ring Size	78.97 x 3.53

80.00

Part No	WDT 0800 0922 081
Groove Dimension	80.00 x 92.20 x 8.10
O Ring Size	85.32 x 3.53

85.00

Part No	WDT 0850 0972 081
Groove Dimension	85.00 x 97.20 x 8.10
O Ring Size	88.49 x 3.53

90.00

Part No	WDT 0900 1022 081
Groove Dimension	90.00 x 102.20 x 8.10
O Ring Size	94.84 x 3.53

100.00

Part No	WDT 1000 1122 081
Groove Dimension	100.00 x 112.20 x 8.10
O Ring Size	104.37 x 3.53

105.00

Part No	WDT 1050 1172 081
Groove Dimension	105.00 x 117.20 x 8.10
O Ring Size	110.72 x 3.53

110.00

Part No	WDT 1100 1222 081
Groove Dimension	110.00 x 122.20 x 8.10
O Ring Size	113.89 x 3.53

115.00

Part No	WDT 1150 1272 081
Groove Dimension	115.00 x 127.20 x 8.10
O Ring Size	120.24 x 3.53

120.00

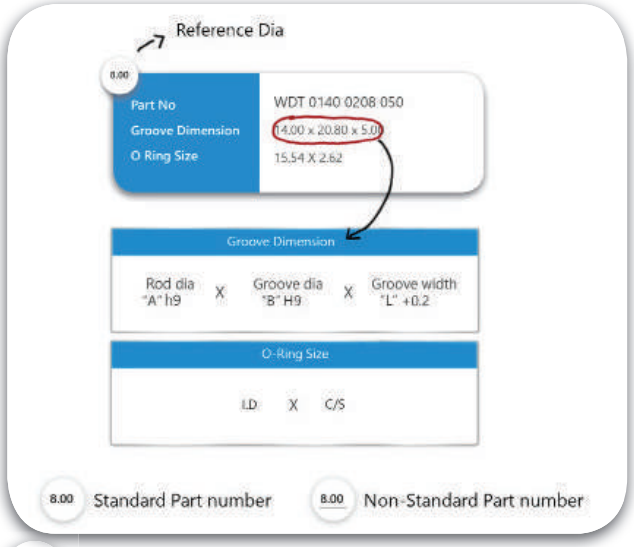
Part No	WDT 1200 1320 081
Groove Dimension	120.00 x 132.00 x 8.10
O Ring Size	123.42 x 3.53

125.00

Part No	WDT 1250 1372 081
Groove Dimension	125.00 x 137.20 x 8.10
O Ring Size	129.77 x 3.53

130.00

Part No	WDT 1300 1422 081
Groove Dimension	130.00 x 142.20 x 8.10
O Ring Size	136.12 x 3.53



140.00

Part No	WDT 1400 1560 115
Groove Dimension	140.00 x 156.00 x 11.50
O Ring Size	145.42 x 5.33

145.00

Part No	WDT 1450 1610 115
Groove Dimension	145.00 x 161.00 x 11.50
O Ring Size	151.77 x 5.33

150.00

Part No	WDT 1500 1660 115
Groove Dimension	150.00 x 166.00 x 11.50
O Ring Size	151.77 x 5.33

155.00

Part No	WDT 1550 1710 115
Groove Dimension	155.00 x 171.00 x 11.50
O Ring Size	158.12 x 5.33

160.00

Part No	WDT 1600 1760 115
Groove Dimension	160.00 x 176.00 x 11.50
O Ring Size	164.47 x 5.33

170.00

Part No	WDT 1700 1860 115
Groove Dimension	170.00 x 186.00 x 11.50
O Ring Size	177.17 x 5.33

180.00

Part No	WDT 1800 1960 115
Groove Dimension	180.00 x 196.00 x 11.50
O Ring Size	183.52 x 5.33

200.00

Part No	WDT 2000 2160 115
Groove Dimension	200.00 x 216.00 x 11.50
O Ring Size	202.57 x 5.33

210.00

Part No	WDT 2100 2260 115
Groove Dimension	210.00 x 226.00 x 11.50
O Ring Size	221.62 x 5.33

220.00

Part No	WDT 2200 2360 115
Groove Dimension	220.00 x 236.00 x 11.50
O Ring Size	221.62 x 5.33

230.00

Part No	WDT 2300 2460 115
Groove Dimension	230.00 x 246.00 x 11.50
O Ring Size	247.02 x 5.33

240.00

Part No	WDT 2400 2560 115
Groove Dimension	240.00 x 256.00 x 11.50
O Ring Size	247.02 x 5.33

245.00

Part No	WDT 2450 2610 115
Groove Dimension	245.00 x 261.00 x 11.50
O Ring Size	247.02 x 5.33

250.00	
Part No	WDT 2500 2660 115
Groove Dimension	250.00 x 266.00 x 11.50
O Ring Size	253.37 x 5.33

260.00	
Part No	WDT 2600 2760 095
Groove Dimension	260.00 x 276.00 x 9.50
O Ring Size	266.07 x 5.33

260.00	
Part No	WDT 2600 2760 115
Groove Dimension	260.00 x 276.00 x 11.50
O Ring Size	266.07 x 5.33

280.00	
Part No	WDT 2800 2960 115
Groove Dimension	280.00 x 296.00 x 11.50
O Ring Size	278.77 x 5.33

300.00	
Part No	WDT 3000 3160 115
Groove Dimension	300.00 x 316.00 x 11.50
O Ring Size	304.17 x 5.33

310.00	
Part No	WDT 3100 3260 115
Groove Dimension	310.00 x 326.00 x 11.50
O Ring Size	329.57 x 5.33

320.00	
Part No	WDT 3200 3360 115
Groove Dimension	320.00 x 336.00 x 11.50
O Ring Size	329.57 x 5.33

330.00	
Part No	WDT 3300 3460 115
Groove Dimension	330.00 x 346.00 x 11.50
O Ring Size	329.57 x 5.33

335.00	
Part No	WDT 3350 3710 115
Groove Dimension	335.00 x 371.00 x 11.50
O Ring Size	354.97 x 5.33

340.00	
Part No	WDT 3400 3560 115
Groove Dimension	340.00 x 356.00 x 11.50
O Ring Size	354.97 x 5.33

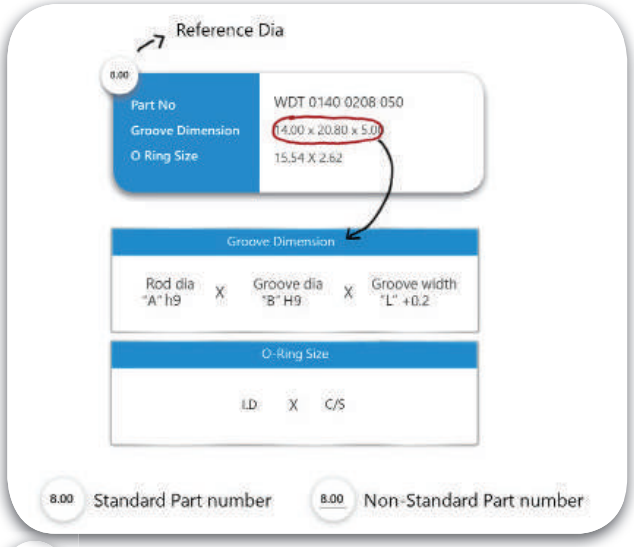
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Part No	WDT 3550 3710 115
Groove Dimension	355.00 x 371.00 x 11.50
O Ring Size	0 365.00 x 5.30

360.00	
Part No	WDT 3600 3760 115
Groove Dimension	360.00 x 376.00 x 11.50
O Ring Size	365.00 x 5.30

370.00	
Part No	WDT 3700 3860 115
Groove Dimension	370.00 x 386.00 x 11.50
O Ring Size	380.37 x 5.33

375.00	
Part No	WDT 3750 3910 115
Groove Dimension	375.00 x 391.00 x 11.50
O Ring Size	380.37 x 5.33

380.00	
Part No	WDT 3800 3960 115
Groove Dimension	380.00 x 396.00 x 11.50
O Ring Size	380.37 x 5.33



390.00

Part No	WDT 3900 4060 115
Groove Dimension	390.00 x 406.00 x 11.50
O Ring Size	405.26 x 7.00

400.00

Part No	WDT 4000 4240 115
Groove Dimension	400.00 x 424.00 x 11.50
O Ring Size	405.26 x 7.00

410.00

Part No	WDT 4100 4340 155
Groove Dimension	410.00 x 434.00 x 15.50
O Ring Size	405.26 x 7.00

420.00

Part No	WDT 4200 4440 155
Groove Dimension	420.00 x 444.00 x 15.50
O Ring Size	443.36 x 7.00

430.00

Part No	WDT 4300 4540 155
Groove Dimension	430.00 x 454.00 x 15.50
O Ring Size	443.36 x 7.00

440.00

Part No	WDT 4400 4640 155
Groove Dimension	440.00 x 464.00 x 15.50
O Ring Size	443.36 x 7.00

445.00

Part No	WDT 4450 4690 155
Groove Dimension	445.00 x 469.00 x 15.50
O Ring Size	481.38 x 7.00

450.00

Part No	WDT 4500 4740 155
Groove Dimension	450.00 x 474.00 x 15.5
O Ring Size	456.06 x 7.00

460.00

Part No	WDT 4600 4840 155
Groove Dimension	460.00 x 484.00 x 15.50
O Ring Size	481.38 x 7.00

465.00

Part No	WDT 4650 4890 155
Groove Dimension	465.00 x 489.00 x 15.50
O Ring Size	481.38 x 7.00

470.00

Part No	WDT 4700 4940 155
Groove Dimension	470.00 x 494.00 x 15.50
O Ring Size	481.38 x 7.00

475.00

Part No	WDT 4750 4990 155
Groove Dimension	475.00 x 499.00 x 15.50
O Ring Size	481.38 x 7.00

495.00

Part No	WDT 4950 5190 155
Groove Dimension	495.00 x 519.00 x 15.50
O Ring Size	506.86 x 7.00

510.00

Part No	WDT 5100 5340 155
Groove Dimension	510.00 x 534.00 x 15.50
O Ring Size	532.26 x 7.00

520.00

Part No	WDT 5200 5440 155
Groove Dimension	520.00 x 544.00 x 15.50
O Ring Size	532.26 x 7.00

525.00

Part No	WDT 5250 5490 155
Groove Dimension	525.00 x 549.00 x 15.50
O Ring Size	532.26 x 7.00

540.00

Part No	WDT 5400 5640 155
Groove Dimension	540.00 x 564.00 x 15.50
O Ring Size	557.66 x 7.00

570.00

Part No	WDT 5700 5940 155
Groove Dimension	570.00 x 594.00 x 15.50
O Ring Size	582.68 x 7.00

585.00

Part No	WDT 5850 6090 155
Groove Dimension	585.00 x 609.00 x 15.50
O Ring Size	608.08 x 7.00

590.00

Part No	WDT 5900 6140 155
Groove Dimension	590.00 x 614.00 x 15.50
O Ring Size	608.08 x 7.00

600.00

Part No	WDT 6000 6240 155
Groove Dimension	600.00 x 624.00 x 15.50
O Ring Size	608.08 x 7.00

620.00

Part No	WDT 6200 6440 155
Groove Dimension	620.00 x 644.00 x 15.50
O Ring Size	633.48 x 7.00

635.00

Part No	WDT 6350 6590 155
Groove Dimension	635.00 x 659.00 x 15.50
O Ring Size	658.88 x 7.00

675.00

Part No	WDT 6750 7023 180
Groove Dimension	675.00 x 702.30 x 18.00
O Ring Size	712.00 x 8.40

690.00

Part No	WDT 6900 7173 180
Groove Dimension	690.00 x 717.30 x 18.00
O Ring Size	712.00 x 8.40

745.00

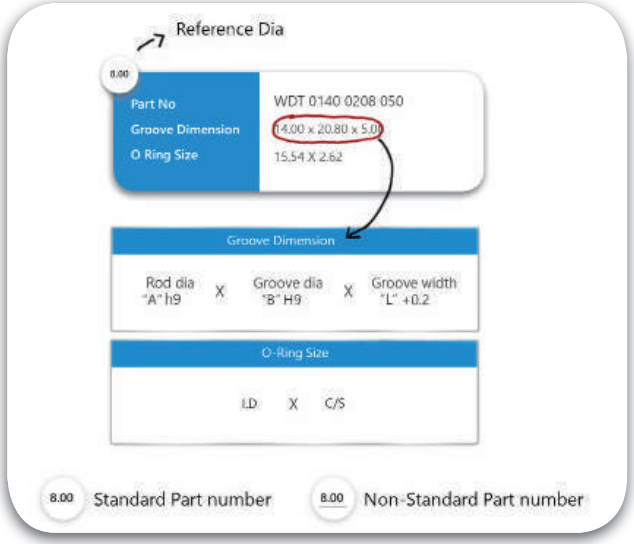
Part No	WDT 7450 7723 180
Groove Dimension	745.00 x 772.30 x 18.00
O Ring Size	762.00 x 8.40

800.00

Part No	WDT 8000 8273 180
Groove Dimension	800.00 x 827.30 x 18.00
O Ring Size	812.00 x 8.40

815.00

Part No	WDT 8150 8423 180
Groove Dimension	815.00 x 842.30 x 18.00
O Ring Size	824.70 x 8.40



900.00

Part No	WDT 9000 9273 180
Groove Dimension	900.00 x 927.30 x 18.00
O Ring Size	912 x 8.40

910.00

Part No	WDT 9100 9373 180
Groove Dimension	910.00 x 937.30 x 18.00
O Ring Size	912 x 8.40

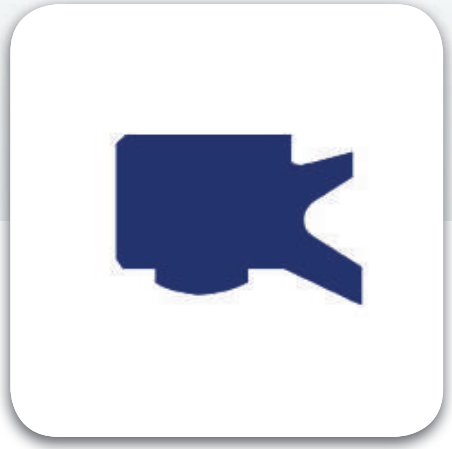
TRIADA

WVN

Wiper Seals

#SealingExcellence



Description

The WVN wiper can be self-aligned in case of rod misalignment during operations, due to its special profile and design, WVN is a double lip Wiper in TRIATHANE® (Poly-Urethane) material, mostly suggested to be used in conjunction with a back pumping Primary Seal/Secondary Seal, like TRITILT®(RSS Style) Seal. The inner lip holds the film of oil within the system without being leaked out and the outer lip shall prevent any dust particles entering the system.

Diameter Range	Ø25.00 – Ø125.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	From - 30° C to + 100°
Speed	< 1.0 m/s
Fluids	Mineral Oils

Material Details

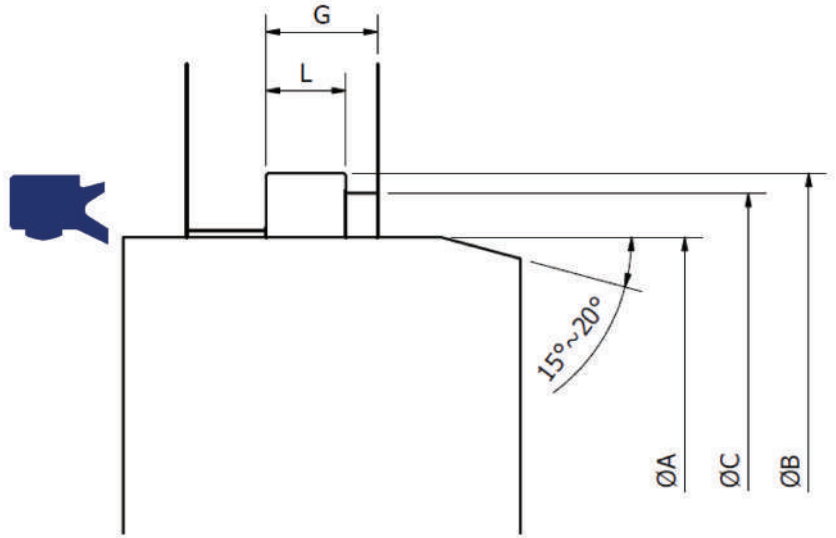
Material	Material Code
TRIATHANE®	T479 Poly-Urethane

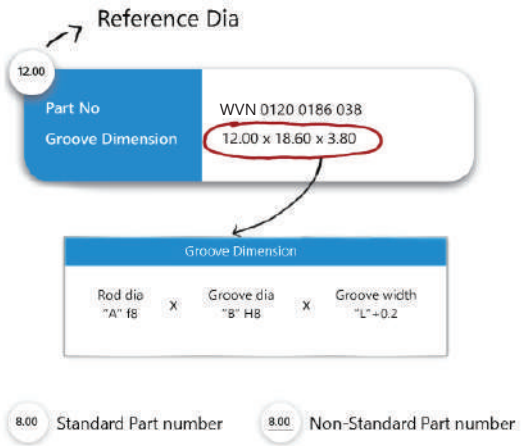
Nomenclature

Part No	WVN	1200	1320	070	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code

Groove details

Groove Width "L"	Mouth dia. "ØC"	Width "G"
5.00mm	'ØA' + 5.50mm	7.00mm
5.50mm	'ØA' +9.00mm	7.00mm
6.30mm	'ØA' + 7.00mm	8.30mm
9.50mm	'ØA' + 10.00mm	12.00mm





16.00
Part No WVN 0160 0240 070
Groove Dimension 16.00 x 24.00 x 7.00

18.00
Part No WVN 0180 0260 070
Groove Dimension 18.00 x 26.00 x 7.00

20.00
Part No WVN 0200 0280 070
Groove Dimension 20.00 x 28.00 x 7.00

22.00
Part No WVN 0220 0300 070
Groove Dimension 22.00 x 30.00 x 7.00

25.00
Part No WVN 0250 0330 070
Groove Dimension 25.00 x 33.00 x 7.00

28.00
Part No WVN 0280 0360 070
Groove Dimension 28.00 x 36.00 x 7.00

32.00
Part No WVN 0320 0400 070
Groove Dimension 32.00 x 400.00 x 7.00

36.00
Part No WVN 0360 0440 070
Groove Dimension 36.00 x 44.00 x 7.00

40.00
Part No WVN 0400 0480 070
Groove Dimension 40.00 x 48.00 x 7.00

45.00
Part No WVN 0450 0530 070
Groove Dimension 45.00 x 53.00 x 7.00

50.00
Part No WVN 0500 0580 070
Groove Dimension 50.00 x 58.00 x 7.00

56.00
Part No WVN 0560 0660 083
Groove Dimension 56.00 x 66.00 x 8.30

60.00
Part No WVN 0600 0680 070
Groove Dimension 66.00 x 68.00 x 7.00

63.00
Part No WVN 0630 0730 083
Groove Dimension 63.00 x 73.00 x 8.30

70.00
Part No WVN 0700 0800 083
Groove Dimension 70.00 x 80.00 x 8.30

80.00
Part No WVN 0800 0900 083
Groove Dimension 80.00 x 90.00 x 8.30

90.00
Part No WVN 0900 1000 083
Groove Dimension 90.00 x 100.00 x 8.30

100.00
Part No WVN 1000 1150 120
Groove Dimension 100.00 x 115.00 x 12.00

110.00

Part No	WVN 1100 1220 070
Groove Dimension	110.00 x 122.00 x 7.00

120.00

Part No	WVN 1200 1320 070
Groove Dimension	120.00 x 132.00 x 7.00

110.00

Part No	WVN 1100 1250 120
Groove Dimension	110.00 x 125.00 x 12.00

120.00

Part No	WVN 1200 1320 070
Groove Dimension	120.00 x 132.00 x 7.00

115.00

Part No	WVN 1150 1270 070
Groove Dimension	115.00 x 127.00 x 7.00

125.00

Part No	WVN 1250 1400 120
Groove Dimension	125.00 x 140.00 x 12.00

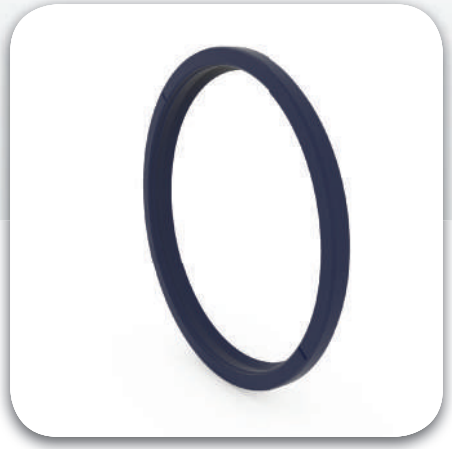
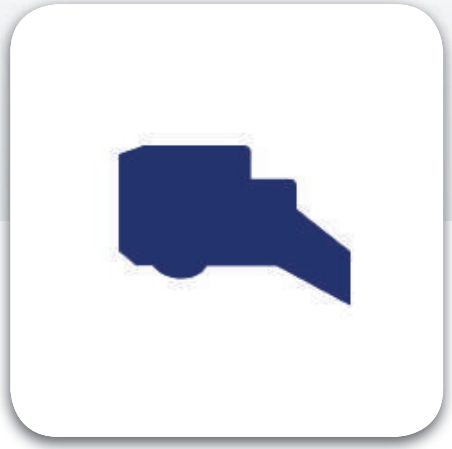
TRIADA

WSS

Wiper Seals

#SealingExcellence



Description

The WSS wiper is a double lip Wiper in TRIATHANE® (Poly-Urethane) material, the inner lip sits firmly on the rod, thanks to its special design, it holds the film of oil within the system without being leaked out and also prevents twisting or tilting of wiper inside the groove.

Diameter Range	Ø25.00 – Ø125.00 (Larger dia. on request)
Standard material	TRIATHANE® T479 (Poly-Urethane)
Temperature(°C)	From - 30° C to + 100°
Speed	< 1.0 m/s
Fluids	Mineral Oils

Material Details

Material	Material Code
TRIATHANE®	T479 Poly-Urethane

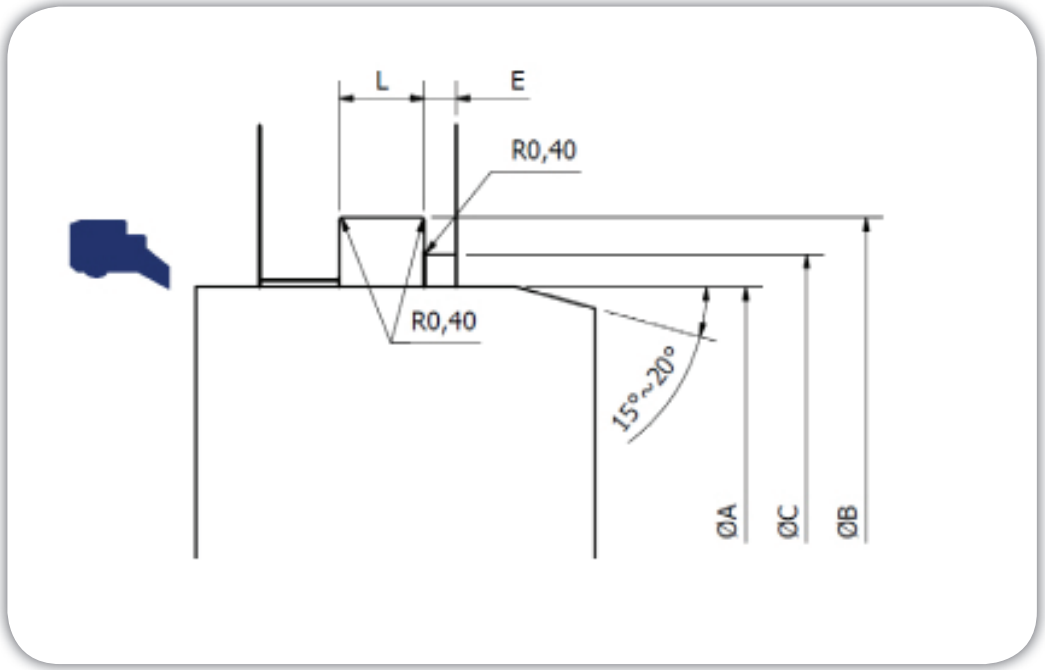
Nomenclature

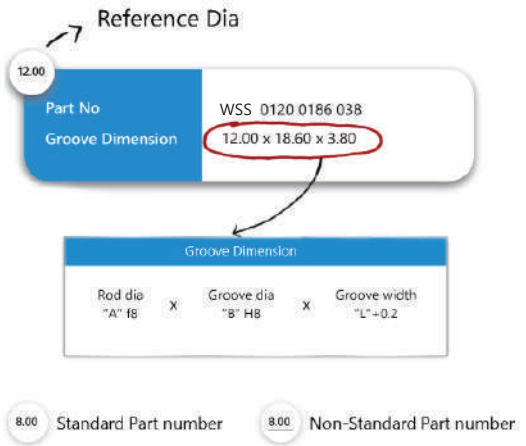
Part No	WSS	1200	1320	055	T479
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code



Groove details

Groove Width "L"	Mouth dia. "ØC"	Width "E" Min.
2.00mm	'ØA' +3.00mm	1.00mm
2.60mm	'ØA' +4.00mm	1.00mm
4.00mm	'ØA' + 6.00mm	1.00mm
5.50mm	'ØA' + 9.00mm	1.50mm





6.00

Part No	WSS 0060 0100 020
Groove Dimension	6.00 x 10.00 x 2.00

8.00

Part No	WSS 0080 0140 026
Groove Dimension	8.00 x 14.00 x 2.60

10.00

Part No	WSS 0100 0160 026
Groove Dimension	10.00 x 16.00 x 2.60

10.00

Part No	WSS 0100 0180 040
Groove Dimension	10.00 x 18.00 x 4.00

12.00

Part No	WSS 0120 0180 026
Groove Dimension	12.00 x 18.00 x 2.60

12.00

Part No	WSS 0120 0200 040
Groove Dimension	12.00 x 20.00 x 4.00

14.00

Part No	WSS 0140 0200 026
Groove Dimension	14.00 x 20.00 x 2.60

14.00

Part No	WSS 0140 0220 040
Groove Dimension	14.00 x 22.00 x 4.00

15.00

Part No	WSS 0150 230 040
Groove Dimension	15.00 x 23.00 x 4.00

16.00

Part No	WSS 0160 0240 040
Groove Dimension	16.00 x 24.00 x 4.00

18.00

Part No	WSS 0180 0260 040
Groove Dimension	18.00 x 26.00 x 4.00

20.00

Part No	WSS 0200 0260 026
Groove Dimension	20.00 x 26.00 x 2.60

20.00

Part No	WSS 0200 0280 040
Groove Dimension	20.00 x 28.00 x 4.00

22.00

Part No	WSS 0220 0300 040
Groove Dimension	22.00 x 30.00 x 4.00

24.00

Part No	WSS 0240 0320 040
Groove Dimension	24.00 x 32.00 x 4.00

25.00

Part No	WSS 0250 0310 026
Groove Dimension	25.00 x 31.00 x 2.60

25.00

Part No	WSS 0250 0330 040
Groove Dimension	25.00 x 33.00 x 4.00

28.00

Part No	WSS 0280 0360 040
Groove Dimension	28.00 x 36.00 x 4.00

30.00	
Part No	WSS 0300 0360 026
Groove Dimension	30.00 x 36.00 x 2.60

30.00	
Part No	WSS 0300 0380 040
Groove Dimension	30.00 x 38.00 x 4.00

32.00	
Part No	WSS 0320 0400 040
Groove Dimension	32.00 x 40.00 x 4.00

34.00	
Part No	WSS 0340 0420 040
Groove Dimension	34.00 x 42.00 x 4.00

35.00	
Part No	WSS 0350 0430 040
Groove Dimension	35.00 x 43.00 x 4.00

36.00	
Part No	WSS 0360 0440 040
Groove Dimension	36.00 x 44.00 x 4.00

38.00	
Part No	WSS 0380 0460 040
Groove Dimension	38.00 x 46.00 x 4.00

40.00	
Part No	WSS 0400 0480 040
Groove Dimension	40.00 x 48.00 x 4.00

42.00	
Part No	WSS 0420 0500 040
Groove Dimension	42.00 x 50.00 x 4.00

45.00	
Part No	WSS 0450 0530 040
Groove Dimension	45.00 x 53.00 x 4.00

50.00	
Part No	WSS 0500 0580 040
Groove Dimension	50.00 x 58.00 x 4.00

52.00	
Part No	WSS 0520 0600 040
Groove Dimension	52.00 x 60.00 x 4.00

55.00	
Part No	WSS 0550 0630 040
Groove Dimension	55.00 x 63.00 x 4.00

56.00	
Part No	WSS 0560 0640 040
Groove Dimension	56.00 x 64.00 x 4.00

60.00	
Part No	WSS 0600 0680 040
Groove Dimension	60.00 x 68.00 x 4.00

63.00	
Part No	WSS 0630 0710 040
Groove Dimension	63.00 x 71.00 x 4.00

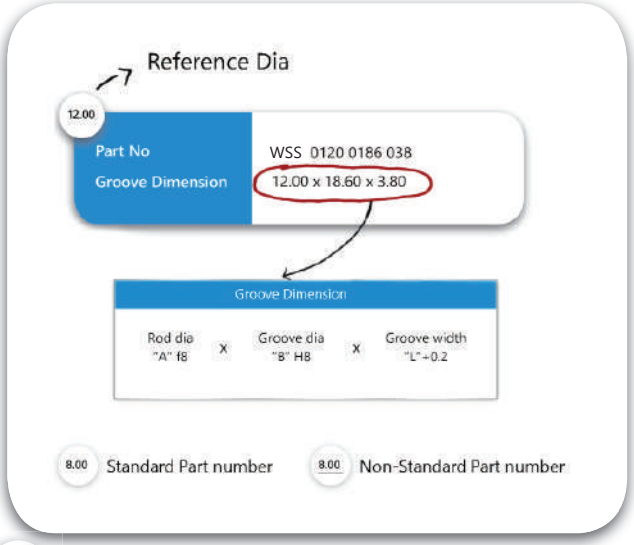
65.00	
Part No	WSS 0650 0730 040
Groove Dimension	65.00 x 73.00 x 4.00

70.00	
Part No	WSS 0700 0780 040
Groove Dimension	70.00 x 78.00 x 4.00

75.00	
Part No	WSS 0750 0830 040
Groove Dimension	75.00 x 83.00 x 4.00

80.00	
Part No	WSS 0800 0880 040
Groove Dimension	80.00 x 88.00 x 4.00

85.00	
Part No	WSS 0850 0930 040
Groove Dimension	85.00 x 93.00 x 4.00



90.00

Part No	WSS 0900 0980 040
Groove Dimension	90.00 x 98.00 x 4.00

100.00

Part No	WSS 1000 1080 040
Groove Dimension	100.00 x 108.00 x 4.00

110.00

Part No	WSS 1100 1220 055
Groove Dimension	110.00 x 122.00 x 5.50

120.00

Part No	WSS 1200 1320 055
Groove Dimension	120.00 x 132.00 x 5.50

125.00

Part No	WSS 1250 1370 055
Groove Dimension	125.00 x 137.00 x 5.50

140.00

Part No	WSS 1400 1520 055
Groove Dimension	140.00 x 152.00 x 5.50

150.00

Part No	WSS 1500 1620 055
Groove Dimension	150.00 x 162.00 x 5.50

160.00

Part No	WSS 1600 1720 055
Groove Dimension	160.00 x 172.00 x 5.50

180.00

Part No	WSS 1800 1920 055
Groove Dimension	180.00 x 192.00 x 5.50

TRIADA

Static Seals

Triada Sealing Guide

#SealingExcellence

TRIADA

Triada Sealing Guide

Important Information

Utmost care has been taken in the preparation and completion of this guide, but still it is not guaranteed that this is devoid of any typographical or inadvertent errors or omissions. Hence, Triada shall not be responsible for the end user's reliance on such errors or omissions. Information or data in this guide which includes and not limited to product profiles, product features, specifications etc. may be amended or modified at the sole discretion of Triada Technologies India Pvt. Ltd. (TTIPL) without any notice or prior intimation.

TTIPL strongly urge its customers and associates to validate the products that are being offered, to ensure its suitability and performance, based on their applications, hardware & operating conditions, through their own analysis and testing.

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Introduction

Static Seals

Static Seals as the name suggests, is more commonly used for static applications, which is also is critical for the successful sealing of a hydraulic or pneumatic system. Some of the seals from this group like O-Ring, Lobe Seal etc., used to be used as Dynamic Seals (or rather still being used), which were then over a period of time, replaced by seals manufactured from newer materials like PTFE, PA etc., due to its superior characteristics in dynamic applications.

Even though O-Ring is one of the most widely used element as the Static Seal, there are other Seals also like Lobe Seals, Bonded Seals, Dual Seals, Back-Up Rings, Flat Gaskets, Square Seals etc. which are also elements falling in the same group. Of course, there are then a variety of different designs by several manufacturers, which had been designed and develop to meet various specific requirements.

Triada® has a wide range of O-Rings meeting to various standards like AS568, DIN, ISO etc. and also in various compounds. We do supply these O-Rings in different colors, as specified by the Customer, subject to certain terms and conditions. Similar is the case with any other elastomer seals too. Back-Up Rings are available in various cross-section profiles or it could be in a cut or uncut style or even in a spiral form. These are also available in concave profile, which mostly comes in NBR compound.

Selection of the right static seal is important, as one need to ensure that these do not become the weakest link in the entire sealing system. So, equal importance is to be given in selection of these seals as being given to the selection of Piston or Rod Seals. Triada® can support the Customers to select the right sealing elements for the entire application, thereby delivering a leak proof system or a system as per the requirements of their Customers.

TRIADA

KSQ

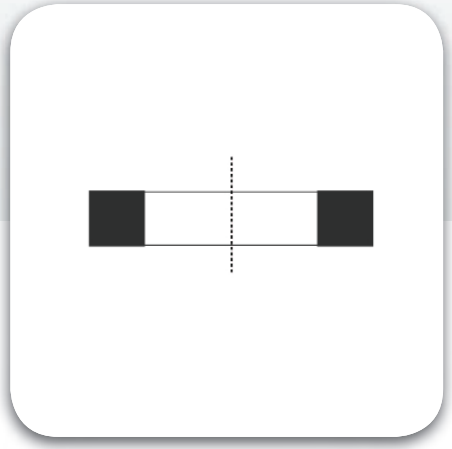
Static Seals

#SealingExcellence









Description

As the name says Square Ring is an endless ring with a square cross section. A Square Ring is defined by its inside diameter (ID) and Cross section (T) and used as a Dynamic or Static Seal, usually installed in a rectangular machined groove

Diameter Range	Ø7.00 – Ø466.00
Standard material	TRIAFLEX® T571(NBR70)
Temperature(C)	-30° C to 200° C (Based on Elastomer Material).
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. Conditions).
Pressure	<500 bar (Please consult Triada Technologies for applications above 500bar)

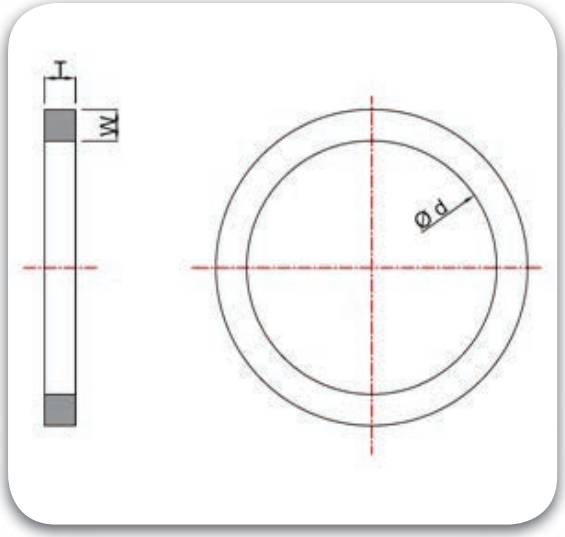
Material Details

Square Ring Material	Code
NBR 70	T571
NBR 90	T591
FKM 70	T671
FKM 90	T691
EPDM 70	T771
HNBR 70	T532

Nomenclature

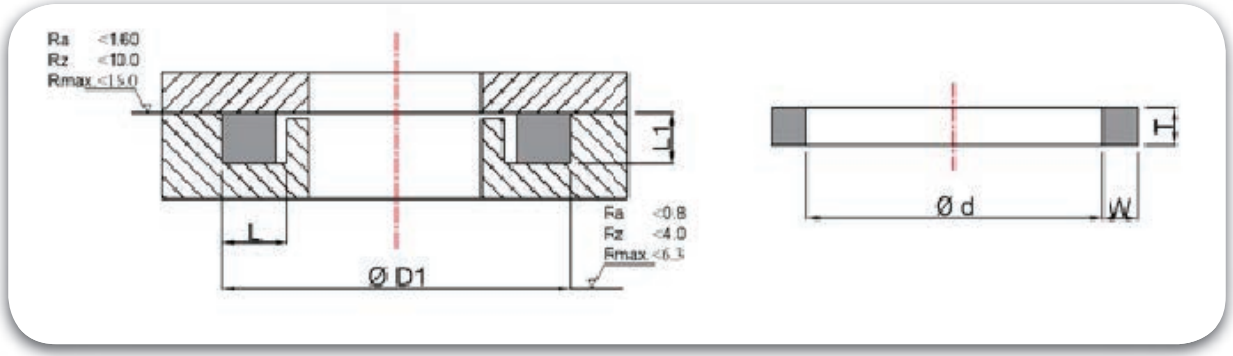
Part No	KSQ	00106	0125	T571
	TRIADA TYPE	Square Ring ID x 10	C/S x 10	Seal Material Code





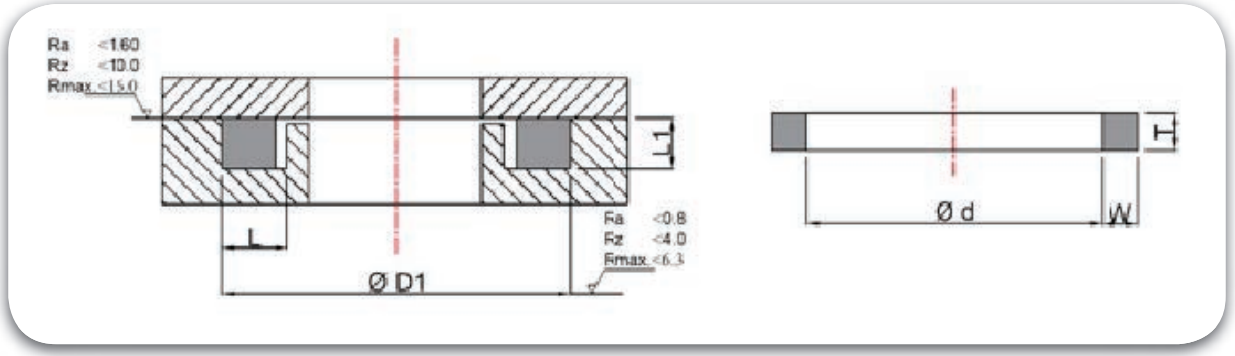
Sl. No.	Cross Section "W"	Tolerance ±	Cross Section "T"	Tolerance ±
1	1.68	0.15	1.68	0.08
2	2.51	0.15	2.51	0.1
3	3.4	0.15	3.4	0.1
4	5.16	0.15	5.16	0.1
5	6.73	0.15	6.73	0.1

Inside Diameter "d"	Tolerance ±
4.00 - 14.00	0.13
14.01 - 15.60	0.18
15.61 - 25.12	0.23
25.13 - 29.78	0.25
29.79 - 34.65	0.28
34.66 - 44.17	0.33
4.18 - 50.52	0.38
50.53 - 66.40	0.46
66.41 - 75.92	0.51
75.93 - 94.97	0.61
94.98 - 107.67	0.69
107.68 - 126.72	0.76
126.73 - 133.07	0.94
133.08 - 158.42	0.89



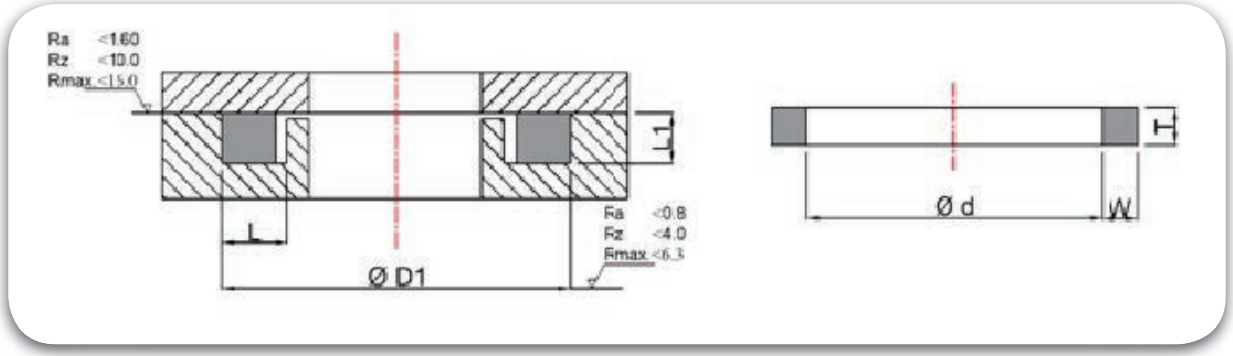
Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
1	KSQ00447 0168 T591	7.92	2.4	1.45	0.4	4.47	**1.68**	**1.68**
2	KSQ00528 0168 T591	8.71	2.4	1.45	0.4	5.28	1.68	1.68
3	KSQ00607 0168 T591	9.53	2.4	1.45	0.4	6.07	**1.68**	**1.68**
4	KSQ00765 0168 T591	11.1	2.4	1.45	0.4	7.65	1.68	1.68
5	KSQ00925 0168 T591	12.7	2.4	1.45	0.4	9.25	**1.68**	**1.68**
6	KSQ01082 0168 T591	14.27	2.4	1.45	0.4	10.82	1.68	1.68
7	KSQ01242 0168 T591	15.88	2.4	1.45	0.4	12.42	**1.68**	**1.68**
8	KSQ01400 0168 T591	17.45	2.4	1.45	0.4	14	1.68	1.68
9	KSQ01560 0168 T591	19.05	2.4	1.45	0.4	15.6	**1.68**	**1.68**
10	KSQ01717 0168 T591	20.62	2.4	1.45	0.4	17.17	1.68	1.68
11	KSQ01877 0168 T591	22.23	2.4	1.45	0.4	18.77	**1.68**	**1.68**
12	KSQ02035 0168 T591	23.8	2.4	1.45	0.4	20.35	1.68	1.68
13	KSQ02195 0168 T591	25.4	2.4	1.45	0.4	21.95	**1.68**	**1.68**
14	KSQ02352 0168 T591	26.97	2.4	1.45	0.4	23.52	1.68	1.68
15	KSQ02512 0168 T591	28.58	2.4	1.45	0.4	25.12	**1.68**	**1.68**
16	KSQ02670 0168 T591	30.15	2.4	1.45	0.4	26.7	1.68	1.68
17	KSQ02830 0168 T591	31.75	2.4	1.45	0.4	28.3	**1.68**	**1.68**
18	KSQ02987 0168 T591	33.32	2.4	1.45	0.4	29.87	1.68	1.68
19	KSQ03147 0168 T591	34.93	2.4	1.45	0.4	31.47	**1.68**	**1.68**
20	KSQ03305 0168 T591	36.5	2.4	1.45	0.4	33.05	1.68	1.68

Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
21	KSQ03465 0168 T591	38.1	2.4	1.45	0.4	34.65	**1.68**	**1.68**
22	KSQ03782 0168 T591	41.28	2.4	1.45	0.4	37.82	1.68	1.68
23	KSQ04100 0168 T591	44.45	2.4	1.45	0.4	41	**1.68**	**1.68**
24	KSQ04417 0168 T591	47.63	2.4	1.45	0.4	44.17	1.68	1.68
25	KSQ04735 0168 T591	50.8	2.4	1.45	0.4	47.35	**1.68**	**1.68**
26	KSQ05052 0168 T591	53.98	2.4	1.45	0.4	50.52	1.68	1.68
27	KSQ05370 0168 T591	57.15	2.4	1.45	0.4	53.7	**1.68**	**1.68**
28	KSQ05687 0168 T591	60.33	2.4	1.45	0.4	56.87	1.68	1.68
29	KSQ06005 0168 T591	63.5	2.4	1.45	0.4	60.05	**1.68**	**1.68**
30	KSQ06322 0168 T591	66.68	2.4	1.45	0.4	63.22	1.68	1.68
31	KSQ06640 0168 T591	69.85	2.4	1.45	0.4	66.4	**1.68**	**1.68**
32	KSQ06957 0168 T591	73.03	2.4	1.45	0.4	69.57	1.68	1.68
33	KSQ07275 0168 T591	76.2	2.4	1.45	0.4	72.75	**1.68**	**1.68**
34	KSQ07592 0168 T591	79.38	2.4	1.45	0.4	75.92	1.68	1.68
35	KSQ08227 0168 T591	85.73	2.4	1.45	0.4	82.27	**1.68**	**1.68**
36	KSQ08862 0168 T591	92.08	2.4	1.45	0.4	88.62	1.68	1.68
37	KSQ09497 0168 T591	98.43	2.4	1.45	0.4	94.97	**1.68**	**1.68**
38	KSQ10132 0168 T591	107.95	2.4	1.45	0.4	101.32	1.68	1.68
39	KSQ10767 0168 T591	111.13	2.4	1.45	0.4	107.67	**1.68**	**1.68**
40	KSQ11402 0168 T591	117.48	2.4	1.45	0.4	114.02	1.68	1.68



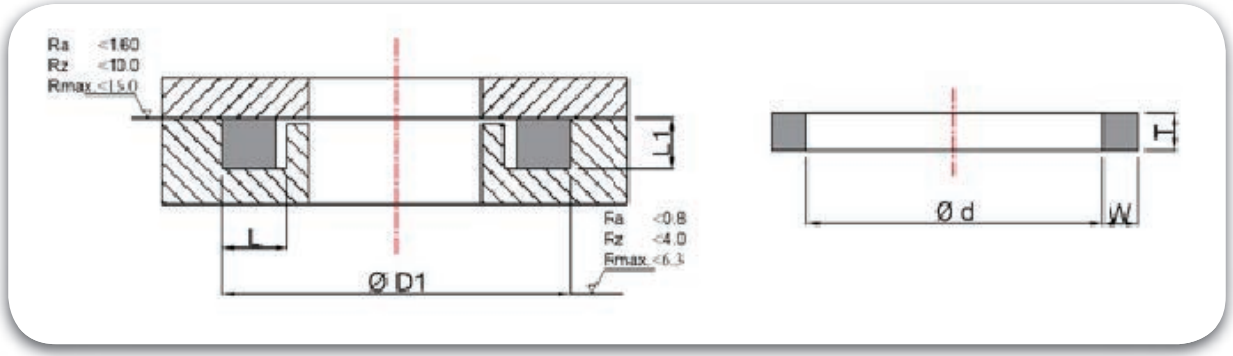
Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
41	KSQ12037 0168 T591	123.83	2.4	1.45	0.4	120.37	**1.68**	**1.68**
42	KSQ12672 0168 T591	130.18	2.4	1.45	0.4	126.72	1.68	1.68
43	KSQ13307 0168 T591	136.53	2.4	1.45	0.4	133.07	**1.68**	**1.68**
44	KSQ00442 0251 T591	9.53	3.6	2.3	0.4	4.42	2.51	2.51
45	KSQ00523 0251 T591	10.31	3.6	2.3	0.4	5.23	**2.51**	**2.51**
46	KSQ00602 0251 T591	11.1	3.6	2.3	0.4	6.02	2.51	2.51
47	KSQ00759 0251 T591	12.7	3.6	2.3	0.4	7.59	**2.51**	**2.51**
48	KSQ00919 0251 T591	14.27	3.6	2.3	0.4	9.19	2.51	2.51
49	KSQ01077 0251 T591	15.88	3.6	2.3	0.4	10.77	**2.51**	**2.51**
50	KSQ01237 0251 T591	17.45	3.6	2.3	0.4	12.37	2.51	2.51
51	KSQ01394 0251 T591	19.05	3.6	2.3	0.4	13.94	**2.51**	**2.51**
52	KSQ01554 0251 T591	20.62	3.6	2.3	0.4	15.54	2.51	2.51
53	KSQ01712 0251 T591	22.23	3.6	2.3	0.4	17.12	**2.51**	**2.51**
54	KSQ01872 0251 T591	23.8	3.6	2.3	0.4	18.72	2.51	2.51
55	KSQ02029 0251 T591	25.4	3.6	2.3	0.4	20.29	**2.51**	**2.51**
56	KSQ02189 0251 T591	26.97	3.6	2.3	0.4	21.89	2.51	2.51
57	KSQ02347 0251 T591	28.58	3.6	2.3	0.4	23.47	**2.51**	**2.51**
58	KSQ02507 0251 T591	30.15	3.6	2.3	0.4	25.07	2.51	2.51
59	KSQ02664 0251 T591	31.75	3.6	2.3	0.4	26.64	**2.51**	**2.51**
60	KSQ02824 0251 T591	33.32	3.6	2.3	0.4	28.24	2.51	2.51

Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
61	KSQ02982 0251 T591	34.93	3.6	2.3	0.4	29.82	**2.51**	**2.51**
62	KSQ03142 0251 T591	36.5	3.6	2.3	0.4	31.42	2.51	2.51
63	KSQ03299 0251 T591	38.1	3.6	2.3	0.4	32.99	**2.51**	**2.51**
64	KSQ03459 0251 T591	39.67	3.6	2.3	0.4	34.59	2.51	2.51
65	KSQ03617 0251 T591	41.28	3.6	2.3	0.4	36.17	**2.51**	**2.51**
66	KSQ03777 0251 T591	42.85	3.6	2.3	0.4	37.77	2.51	2.51
67	KSQ03934 0251 T591	44.45	3.6	2.3	0.4	39.34	**2.51**	**2.51**
68	KSQ04094 0251 T591	46.02	3.6	2.3	0.4	40.94	2.51	2.51
69	KSQ04252 0251 T591	47.63	3.6	2.3	0.4	42.52	**2.51**	**2.51**
70	KSQ04412 0251 T591	49.2	3.6	2.3	0.4	44.12	2.51	2.51
71	KSQ04569 0251 T591	50.8	3.6	2.3	0.4	45.69	**2.51**	**2.51**
72	KSQ04729 0251 T591	52.37	3.6	2.3	0.4	47.29	2.51	2.51
73	KSQ04890 0251 T591	53.98	3.6	2.3	0.4	48.9	**2.51**	**2.51**
74	KSQ05047 0251 T591	55.55	3.6	2.3	0.4	50.47	2.51	2.51
75	KSQ05207 0251 T591	57.15	3.6	2.3	0.4	52.07	**2.51**	**2.51**
76	KSQ05364 0251 T591	58.72	3.6	2.3	0.4	53.64	2.51	2.51
77	KSQ05525 0251 T591	60.33	3.6	2.3	0.4	55.25	**2.51**	**2.51**
78	KSQ05682 0251 T591	61.9	3.6	2.3	0.4	56.82	2.51	2.51
79	KSQ05842 0251 T591	63.5	3.6	2.3	0.4	58.42	**2.51**	**2.51**
80	KSQ06000 0251 T591	65.07	3.6	2.3	0.4	60	2.51	2.51



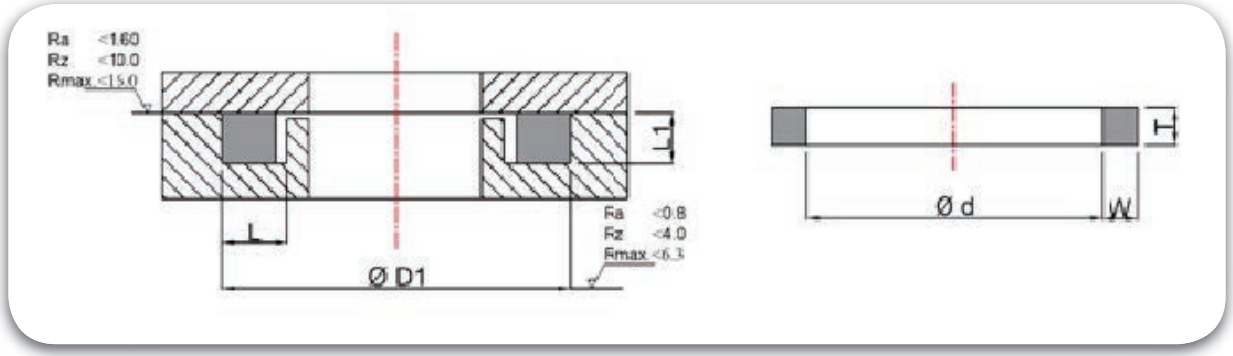
Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
81	KSQ06160 0251 T591	66.68	3.6	2.3	0.4	61.6	**2.51**	**2.51**
82	KSQ06317 0251 T591	68.25	3.6	2.3	0.4	63.17	2.51	2.51
83	KSQ06477 0251 T591	69.85	3.6	2.3	0.4	64.77	**2.51**	**2.51**
84	KSQ06634 0251 T591	71.42	3.6	2.3	0.4	66.34	2.51	2.51
85	KSQ06795 0251 T591	73.03	3.6	2.3	0.4	67.95	**2.51**	**2.51**
86	KSQ06952 0251 T591	74.6	3.6	2.3	0.4	69.52	2.51	2.51
87	KSQ07112 0251 T591	76.2	3.6	2.3	0.4	71.12	**2.51**	**2.51**
88	KSQ07269 0251 T591	77.77	3.6	2.3	0.4	72.69	2.51	2.51
89	KSQ07587 0251 T591	80.95	3.6	2.3	0.4	75.87	**2.51**	**2.51**
90	KSQ08222 0251 T591	87.3	3.6	2.3	0.4	82.22	2.51	2.51
91	KSQ08857 0251 T591	93.65	3.6	2.3	0.4	88.57	**2.51**	**2.51**
92	KSQ09492 0251 T591	100	3.6	2.3	0.4	94.92	2.51	2.51
93	KSQ10127 0251 T591	106.35	3.6	2.3	0.4	101.27	**2.51**	**2.51**
94	KSQ10762 0251 T591	112.7	3.6	2.3	0.4	107.62	2.51	2.51
95	KSQ11397 0251 T591	119.05	3.6	2.3	0.4	113.97	**2.51**	**2.51**
96	KSQ12032 0251 T591	125.4	3.6	2.3	0.4	120.32	2.51	2.51
97	KSQ12667 0251 T591	131.75	3.6	2.3	0.4	126.67	**2.51**	**2.51**
98	KSQ13302 0251 T591	138.1	3.6	2.3	0.4	133.02	2.51	2.51
99	KSQ13937 0251 T591	144.45	3.6	2.3	0.4	139.37	**2.51**	**2.51**
100	KSQ14572 0251 T591	150.8	3.6	2.3	0.4	145.72	2.51	2.51

Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
101	KSQ15207 0251 T591	157.15	3.6	2.3	0.4	152.07	**2.51**	**2.51**
102	KSQ15842 0251 T591	163.5	3.6	2.3	0.4	158.42	2.51	2.51
103	KSQ16477 0251 T591	169.85	3.6	2.3	0.4	164.77	**2.51**	**2.51**
104	KSQ17112 0251 T591	176.2	3.6	2.3	0.4	171.12	2.51	2.51
105	KSQ17747 0251 T591	182.55	3.6	2.3	0.4	177.47	**2.51**	**2.51**
106	KSQ18382 0251 T591	188.9	3.6	2.3	0.4	183.82	2.51	2.51
107	KSQ19017 0251 T591	195.25	3.6	2.3	0.4	190.17	**2.51**	**2.51**
108	KSQ19652 0251 T591	201.6	3.6	2.3	0.4	196.52	2.51	2.51
109	KSQ20287 0251 T591	207.95	3.6	2.3	0.4	202.87	**2.51**	**2.51**
110	KSQ20922 0251 T591	214.3	3.6	2.3	0.4	209.22	2.51	2.51
111	KSQ21557 0251 T591	220.65	3.6	2.3	0.4	215.57	**2.51**	**2.51**
112	KSQ22192 0251 T591	227	3.6	2.3	0.4	221.92	2.51	2.51
113	KSQ22827 0251 T591	233.35	3.6	2.3	0.4	228.27	**2.51**	**2.51**
114	KSQ23462 0251 T591	239.7	3.6	2.3	0.4	234.62	2.51	2.51
115	KSQ24097 0251 T591	246.05	3.6	2.3	0.4	240.97	**2.51**	**2.51**
116	KSQ24732 0251 T591	252.4	3.6	2.3	0.4	247.32	2.51	2.51
117	KSQ00434 0340 T591	11.1	4.8	3.1	0.6	4.34	**3.4**	**3.4**
118	KSQ00594 0340 T591	12.7	4.8	3.1	0.6	5.94	3.4	3.4
119	KSQ00752 0340 T591	14.27	4.8	3.1	0.6	7.52	**3.4**	**3.4**
120	KSQ00912 0340 T591	15.88	4.8	3.1	0.6	9.12	3.4	3.4



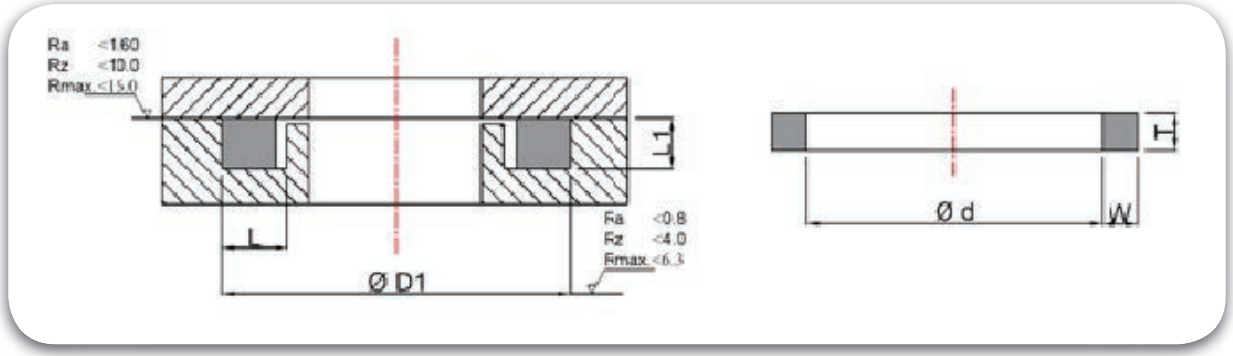
Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
121	KSQ01069 0340 T591	17.45	4.8	3.1	0.6	10.69	**3.4**	**3.4**
122	KSQ01229 0340 T591	19.05	4.8	3.1	0.6	12.29	3.4	3.4
123	KSQ01387 0340 T591	20.62	4.8	3.1	0.6	13.87	**3.4**	**3.4**
124	KSQ01547 0340 T591	22.23	4.8	3.1	0.6	15.47	3.4	3.4
125	KSQ01704 0340 T591	23.8	4.8	3.1	0.6	17.04	**3.4**	**3.4**
126	KSQ01864 0340 T591	25.4	4.8	3.1	0.6	18.64	3.4	3.4
127	KSQ02022 0340 T591	26.97	4.8	3.1	0.6	20.22	**3.4**	**3.4**
128	KSQ02182 0340 T591	28.58	4.8	3.1	0.6	21.82	3.4	3.4
129	KSQ02339 0340 T591	30.15	4.8	3.1	0.6	23.39	**3.4**	**3.4**
130	KSQ02499 0340 T591	31.75	4.8	3.1	0.6	24.99	3.4	3.4
131	KSQ02657 0340 T591	33.32	4.8	3.1	0.6	26.57	**3.4**	**3.4**
132	KSQ02817 0340 T591	34.93	4.8	3.1	0.6	28.17	3.4	3.4
133	KSQ02974 0340 T591	36.5	4.8	3.1	0.6	29.74	**3.4**	**3.4**
134	KSQ03134 0340 T591	38.1	4.8	3.1	0.6	31.34	3.4	3.4
135	KSQ03292 0340 T591	39.67	4.8	3.1	0.6	32.92	**3.4**	**3.4**
136	KSQ03452 0340 T591	41.28	4.8	3.1	0.6	34.52	3.4	3.4
137	KSQ03609 0340 T591	42.85	4.8	3.1	0.6	36.09	**3.4**	**3.4**
138	KSQ03769 0340 T591	44.45	4.8	3.1	0.6	37.69	3.4	3.4
139	KSQ04087 0340 T591	47.63	4.8	3.1	0.6	40.87	**3.4**	**3.4**
140	KSQ04404 0340 T591	50.8	4.8	3.1	0.6	44.04	3.4	3.4

Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
141	KSQ04722 0340 T591	53.98	4.8	3.1	0.6	47.22	**3.4**	**3.4**
142	KSQ05039 0340 T591	57.15	4.8	3.1	0.6	50.39	3.4	3.4
143	KSQ05357 0340 T591	60.33	4.8	3.1	0.6	53.57	**3.4**	**3.4**
144	KSQ05674 0340 T591	63.5	4.8	3.1	0.6	56.74	3.4	3.4
145	KSQ05992 0340 T591	66.68	4.8	3.1	0.6	59.92	**3.4**	**3.4**
146	KSQ06309 0340 T591	69.85	4.8	3.1	0.6	63.09	3.4	3.4
147	KSQ06627 0340 T591	73.03	4.8	3.1	0.6	66.27	**3.4**	**3.4**
148	KSQ06944 0340 T591	76.2	4.8	3.1	0.6	69.44	3.4	3.4
149	KSQ07262 0340 T591	79.38	4.8	3.1	0.6	72.62	**3.4**	**3.4**
150	KSQ07579 0340 T591	82.55	4.8	3.1	0.6	75.79	3.4	3.4
151	KSQ07897 0340 T591	85.73	4.8	3.1	0.6	78.97	**3.4**	**3.4**
152	KSQ08214 0340 T591	88.9	4.8	3.1	0.6	82.14	3.4	3.4
153	KSQ08532 0340 T591	92.08	4.8	3.1	0.6	85.32	**3.4**	**3.4**
154	KSQ08849 0340 T591	95.25	4.8	3.1	0.6	88.49	3.4	3.4
155	KSQ09167 0340 T591	98.43	4.8	3.1	0.6	91.67	**3.4**	**3.4**
156	KSQ09484 0340 T591	101.6	4.8	3.1	0.6	94.84	3.4	3.4
157	KSQ09802 0340 T591	104.78	4.8	3.1	0.6	98.02	**3.4**	**3.4**
158	KSQ10119 0340 T591	107.95	4.8	3.1	0.6	101.19	3.4	3.4
159	KSQ10437 0340 T591	111.13	4.8	3.1	0.6	104.37	**3.4**	**3.4**
160	KSQ10754 0340 T591	114.3	4.8	3.1	0.6	107.54	3.4	3.4



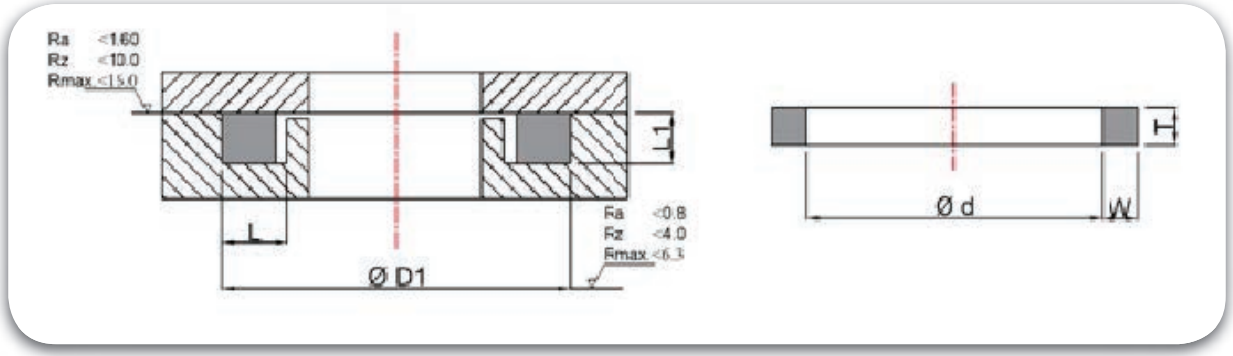
Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
161	KSQ11072 0340 T591	117.48	4.8	3.1	0.6	110.72	**3.4**	**3.4**
162	KSQ11389 0340 T591	120.65	4.8	3.1	0.6	113.89	3.4	3.4
163	KSQ11707 0340 T591	123.83	4.8	3.1	0.6	117.07	**3.4**	**3.4**
164	KSQ12024 0340 T591	127	4.8	3.1	0.6	120.24	3.4	3.4
165	KSQ12342 0340 T591	130.18	4.8	3.1	0.6	123.42	**3.4**	**3.4**
166	KSQ12659 0340 T591	133.35	4.8	3.1	0.6	126.59	3.4	3.4
167	KSQ12977 0340 T591	136.53	4.8	3.1	0.6	129.77	**3.4**	**3.4**
168	KSQ13294 0340 T591	139.7	4.8	3.1	0.6	132.94	3.4	3.4
169	KSQ13612 0340 T591	142.88	4.8	3.1	0.6	136.12	**3.4**	**3.4**
170	KSQ13929 0340 T591	146.05	4.8	3.1	0.6	139.29	3.4	3.4
171	KSQ14247 0340 T591	149.23	4.8	3.1	0.6	142.47	**3.4**	**3.4**
172	KSQ14564 0340 T591	153.4	4.8	3.1	0.6	145.64	3.4	3.4
173	KSQ14882 0340 T591	155.58	4.8	3.1	0.6	148.82	**3.4**	**3.4**
174	KSQ15199 0340 T591	158.75	4.8	3.1	0.6	151.99	3.4	3.4
175	KSQ15834 0340 T591	165.1	4.8	3.1	0.6	158.34	**3.4**	**3.4**
176	KSQ16469 0340 T591	171.45	4.8	3.1	0.6	164.69	3.4	3.4
177	KSQ17104 0340 T591	177.8	4.8	3.1	0.6	171.04	**3.4**	**3.4**
178	KSQ17739 0340 T591	184.15	4.8	3.1	0.6	177.39	3.4	3.4
179	KSQ18374 0340 T591	190.5	4.8	3.1	0.6	183.74	**3.4**	**3.4**
180	KSQ19009 0340 T591	196.85	4.8	3.1	0.6	190.09	3.4	3.4

Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
181	KSQ19644 0340 T591	203.2	4.8	3.1	0.6	196.44	**3.4**	**3.4**
182	KSQ20279 0340 T591	209.55	4.8	3.1	0.6	202.79	3.4	3.4
183	KSQ20914 0340 T591	215.9	4.8	3.1	0.6	209.14	**3.4**	**3.4**
184	KSQ21549 0340 T591	222.25	4.8	3.1	0.6	215.49	3.4	3.4
185	KSQ22184 0340 T591	228.6	4.8	3.1	0.6	221.84	**3.4**	**3.4**
186	KSQ22819 0340 T591	234.95	4.8	3.1	0.6	228.19	3.4	3.4
187	KSQ23454 0340 T591	241.3	4.8	3.1	0.6	234.54	**3.4**	**3.4**
188	KSQ24089 0340 T591	247.65	4.8	3.1	0.6	240.89	3.4	3.4
189	KSQ24724 0340 T591	254	4.8	3.1	0.6	247.24	**3.4**	**3.4**
190	KSQ25359 0340 T591	260.35	4.8	3.1	0.6	253.59	3.4	3.4
191	KSQ26629 0340 T591	273.05	4.8	3.1	0.6	266.29	**3.4**	**3.4**
192	KSQ27899 0340 T591	285.75	4.8	3.1	0.6	278.99	3.4	3.4
193	KSQ29169 0340 T591	298.45	4.8	3.1	0.6	291.69	**3.4**	**3.4**
194	KSQ30439 0340 T591	311.15	4.8	3.1	0.6	304.39	3.4	3.4
195	KSQ32979 0340 T591	336.55	4.8	3.1	0.6	329.79	**3.4**	**3.4**
196	KSQ35519 0340 T591	361.95	4.8	3.1	0.6	355.19	3.4	3.4
197	KSQ38059 0340 T591	387.35	4.8	3.1	0.6	380.59	**3.4**	**3.4**
198	KSQ40526 0340 T591	412.75	4.8	3.1	0.6	405.26	3.4	3.4
199	KSQ43066 0340 T591	438.15	4.8	3.1	0.6	430.66	**3.4**	**3.4**
200	KSQ45606 0340 T591	463.55	4.8	3.1	0.6	456.06	3.4	3.4



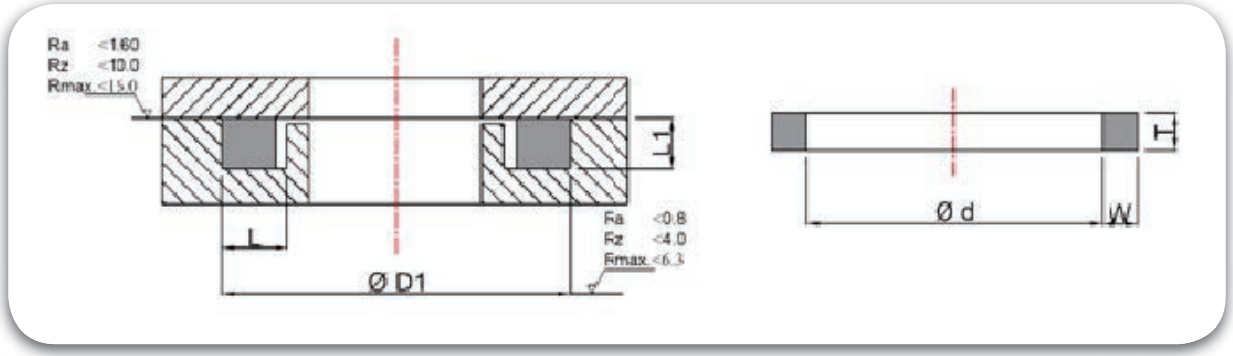
Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
201	KSQ01046 0516 T591	20.62	7.1	4.75	0.8	10.46	**5.16**	**5.16**
202	KSQ01207 0516 T591	22.23	7.1	4.75	0.8	12.07	5.16	5.16
203	KSQ01364 0516 T591	23.8	7.1	4.75	0.8	13.64	**5.16**	**5.16**
204	KSQ01524 0516 T591	25.4	7.1	4.75	0.8	15.24	5.16	5.16
205	KSQ01681 0516 T591	26.97	7.1	4.75	0.8	16.81	**5.16**	**5.16**
206	KSQ01842 0516 T591	28.58	7.1	4.75	0.8	18.42	5.16	5.16
207	KSQ01999 0516 T591	30.15	7.1	4.75	0.8	19.99	**5.16**	**5.16**
208	KSQ02159 0516 T591	31.75	7.1	4.75	0.8	21.59	5.16	5.16
209	KSQ02316 0516 T591	33.32	7.1	4.75	0.8	23.16	**5.16**	**5.16**
210	KSQ02477 0516 T591	34.93	7.1	4.75	0.8	24.77	5.16	5.16
211	KSQ02634 0516 T591	36.5	7.1	4.75	0.8	26.34	**5.16**	**5.16**
212	KSQ02794 0516 T591	38.1	7.1	4.75	0.8	27.94	5.16	5.16
213	KSQ02951 0516 T591	39.67	7.1	4.75	0.8	29.51	**5.16**	**5.16**
214	KSQ03112 0516 T591	41.28	7.1	4.75	0.8	31.12	5.16	5.16
215	KSQ03269 0516 T591	42.85	7.1	4.75	0.8	32.69	**5.16**	**5.16**
216	KSQ03429 0516 T591	44.45	7.1	4.75	0.8	34.29	5.16	5.16
217	KSQ03747 0516 T591	47.63	7.1	4.75	0.8	37.47	**5.16**	**5.16**
218	KSQ04064 0516 T591	50.8	7.1	4.75	0.8	40.64	5.16	5.16
219	KSQ04382 0516 T591	53.98	7.1	4.75	0.8	43.82	**5.16**	**5.16**
220	KSQ04699 0516 T591	57.15	7.1	4.75	0.8	46.99	5.16	5.16

Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
221	KSQ05017 0516 T591	60.33	7.1	4.75	0.8	50.17	**5.16**	**5.16**
222	KSQ05334 0516 T591	63.5	7.1	4.75	0.8	53.34	5.16	5.16
223	KSQ05652 0516 T591	66.68	7.1	4.75	0.8	56.52	**5.16**	**5.16**
224	KSQ05969 0516 T591	69.85	7.1	4.75	0.8	59.69	5.16	5.16
225	KSQ06287 0516 T591	73.03	7.1	4.75	0.8	62.87	**5.16**	**5.16**
226	KSQ06604 0516 T591	76.2	7.1	4.75	0.8	66.04	5.16	5.16
227	KSQ06922 0516 T591	79.38	7.1	4.75	0.8	69.22	**5.16**	**5.16**
228	KSQ07239 0516 T591	82.55	7.1	4.75	0.8	72.39	5.16	5.16
229	KSQ07557 0516 T591	85.73	7.1	4.75	0.8	75.57	**5.16**	**5.16**
230	KSQ07874 0516 T591	88.9	7.1	4.75	0.8	78.74	5.16	5.16
231	KSQ08192 0516 T591	92.08	7.1	4.75	0.8	81.92	**5.16**	**5.16**
232	KSQ08509 0516 T591	95.25	7.1	4.75	0.8	85.09	5.16	5.16
233	KSQ08827 0516 T591	98.43	7.1	4.75	0.8	88.27	**5.16**	**5.16**
234	KSQ09144 0516 T591	101.6	7.1	4.75	0.8	91.44	5.16	5.16
235	KSQ09462 0516 T591	104.78	7.1	4.75	0.8	94.62	**5.16**	**5.16**
236	KSQ09779 0516 T591	107.95	7.1	4.75	0.8	97.79	5.16	5.16
237	KSQ10097 0516 T591	111.13	7.1	4.75	0.8	100.97	**5.16**	**5.16**
238	KSQ10497 0516 T591	114.3	7.1	4.75	0.8	104.14	5.16	5.16
239	KSQ10732 0516 T591	117.48	7.1	4.75	0.8	107.32	**5.16**	**5.16**
240	KSQ11049 0516 T591	120.65	7.1	4.75	0.8	110.49	5.16	5.16



Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
241	KSQ11367 0516 T591	123.83	7.1	4.75	0.8	113.67	**5.16**	**5.16**
242	KSQ11684 0516 T591	127	7.1	4.75	0.8	116.84	5.16	5.16
243	KSQ12002 0516 T591	130.18	7.1	4.75	0.8	120.02	**5.16**	**5.16**
244	KSQ12319 0516 T591	133.35	7.1	4.75	0.8	123.19	5.16	5.16
245	KSQ12637 0516 T591	136.53	7.1	4.75	0.8	126.37	**5.16**	**5.16**
246	KSQ12954 0516 T591	139.7	7.1	4.75	0.8	129.54	5.16	5.16
247	KSQ13272 0516 T591	142.88	7.1	4.75	0.8	132.72	**5.16**	**5.16**
248	KSQ13589 0516 T591	146.05	7.1	4.75	0.8	135.89	5.16	5.16
249	KSQ13907 0516 T591	149.23	7.1	4.75	0.8	139.07	**5.16**	**5.16**
250	KSQ14224 0516 T591	152.4	7.1	4.75	0.8	142.24	5.16	5.16
251	KSQ14542 0516 T591	155.58	7.1	4.75	0.8	145.42	**5.16**	**5.16**
252	KSQ14859 0516 T591	158.75	7.1	4.75	0.8	148.59	5.16	5.16
253	KSQ15177 0516 T591	161.93	7.1	4.75	0.8	151.77	**5.16**	**5.16**
254	KSQ15812 0516 T591	168.28	7.1	4.75	0.8	158.12	5.16	5.16
255	KSQ16447 0516 T591	174.63	7.1	4.75	0.8	164.47	**5.16**	**5.16**
256	KSQ17082 0516 T591	180.98	7.1	4.75	0.8	170.82	5.16	5.16
257	KSQ17717 0516 T591	187.33	7.1	4.75	0.8	177.17	**5.16**	**5.16**
258	KSQ18352 0516 T591	193.68	7.1	4.75	0.8	183.52	5.16	5.16
259	KSQ18987 0516 T591	200.03	7.1	4.75	0.8	189.87	**5.16**	**5.16**
260	KSQ19622 0516 T591	206.38	7.1	4.75	0.8	196.22	5.16	5.16

Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
261	KSQ20257 0516 T591	212.73	7.1	4.75	0.8	202.57	**5.16**	**5.16**
262	KSQ20892 0516 T591	219.08	7.1	4.75	0.8	208.92	5.16	5.16
263	KSQ21527 0516 T591	225.43	7.1	4.75	0.8	215.27	**5.16**	**5.16**
264	KSQ22162 0516 T591	231.78	7.1	4.75	0.8	221.62	5.16	5.16
265	KSQ22797 0516 T591	238.13	7.1	4.75	0.8	227.97	**5.16**	**5.16**
266	KSQ23432 0516 T591	244.48	7.1	4.75	0.8	234.32	5.16	5.16
267	KSQ24067 0516 T591	250.83	7.1	4.75	0.8	240.67	**5.16**	**5.16**
268	KSQ24702 0516 T591	257.18	7.1	4.75	0.8	247.02	5.16	5.16
269	KSQ25337 0516 T591	263.53	7.1	4.75	0.8	253.37	**5.16**	**5.16**
270	KSQ26607 0516 T591	276.23	7.1	4.75	0.8	266.07	5.16	5.16
271	KSQ27877 0516 T591	288.93	7.1	4.75	0.8	278.77	**5.16**	**5.16**
272	KSQ29147 0516 T591	301.63	7.1	4.75	0.8	291.47	5.16	5.16
273	KSQ30417 0516 T591	314.33	7.1	4.75	0.8	304.17	**5.16**	**5.16**
274	KSQ32957 0516 T591	339.73	7.1	4.75	0.8	329.57	5.16	5.16
275	KSQ34597 0516 T591	365.13	7.1	4.75	0.8	345.97	**5.16**	**5.16**
276	KSQ38037 0516 T591	390.53	7.1	4.75	0.8	380.37	5.16	5.16
277	KSQ40527 0516 T591	415.93	7.1	4.75	0.8	405.27	**5.16**	**5.16**
278	KSQ43067 0516 T591	441.33	7.1	4.75	0.8	430.67	5.16	5.16
279	KSQ45607 0516 T591	466.73	7.1	4.75	0.8	456.07	**5.16**	**5.16**
280	KSQ11367 0673 T591	127	9.5	6.1	0.8	113.67	6.73	6.73



Sl. No.	TRIADA® Part Numbers	Groove Dimensions			Groove Bottom Radius "R"	Ring Dimensions		
		Ø "D1" H11	Ø "L" +0.2	"L1" -0.05		Ø"d"	W	T
281	KSQ11684 0673 T591	130.18	9.5	6.1	0.8	116.84	**6.73**	**6.73**
282	KSQ12002 0673 T591	133.35	9.5	6.1	0.8	120.02	6.73	6.73
283	KSQ12319 0673 T591	136.53	9.5	6.1	0.8	123.19	**6.73**	**6.73**
284	KSQ12637 0673 T591	139.7	9.5	6.1	0.8	126.37	6.73	6.73
285	KSQ12954 0673 T591	142.88	9.5	6.1	0.8	129.54	**6.73**	**6.73**
286	KSQ13272 0673 T591	146.05	9.5	6.1	0.8	132.72	6.73	6.73
287	KSQ13589 0673 T591	149.23	9.5	6.1	0.8	135.89	**6.73**	**6.73**

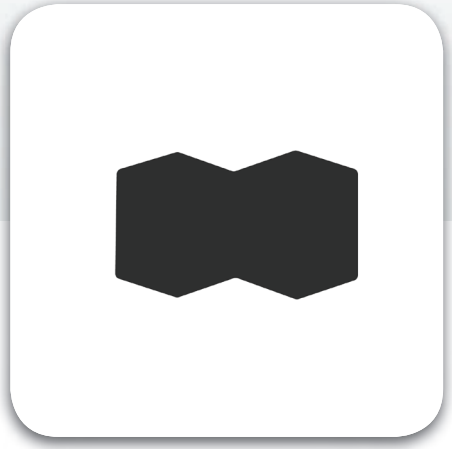
TRIADA

LA1

Static Seals

#SealingExcellence



Description

An excellent alternative to the O-Ring + Back-up Ring, the use of high modulus polyurethane with a low compression-set prevents winding during assembling and avoid extrusion in working conditions. One single piece with symmetric profile allows the operator easier installation reducing at the same time the stock handling.

Diameter Range	Ø6.00 – Ø280.00
Standard material	TRIATHANE® T479(PU)
Temperature(C)	-35° C to 110° C
Fluids	Hydraulic fluids (Mineral Oil based)
Pressure	< 500 bar (Please consult Triada Technologies for applications above 500bar)

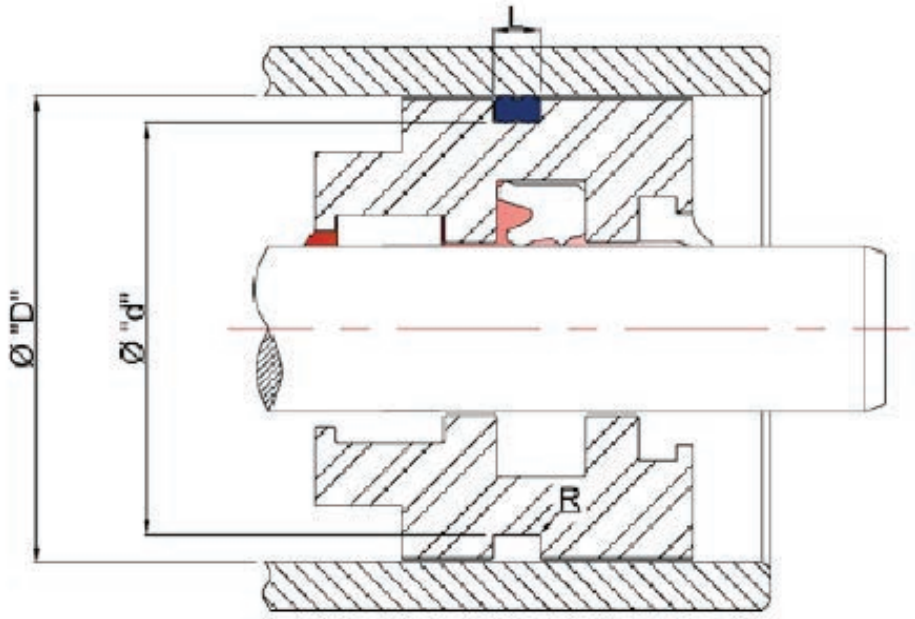
Material Details

Material	Code
TRIATHANE® Poly-Urethane	T479

Nomenclature

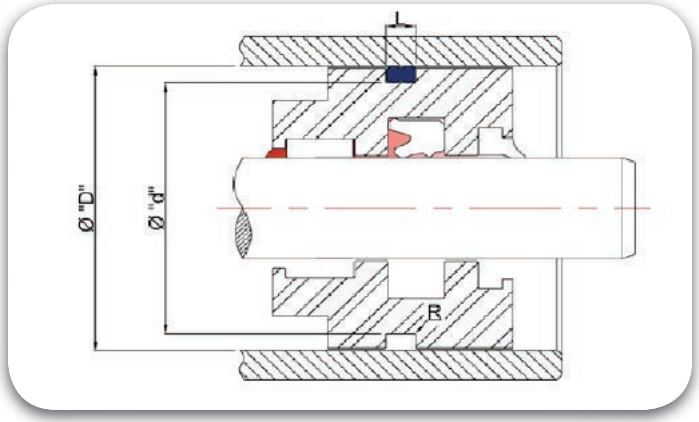
Part No	LA1	1000	0908	097	T479
	TRIADA TYPE	Bore Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code





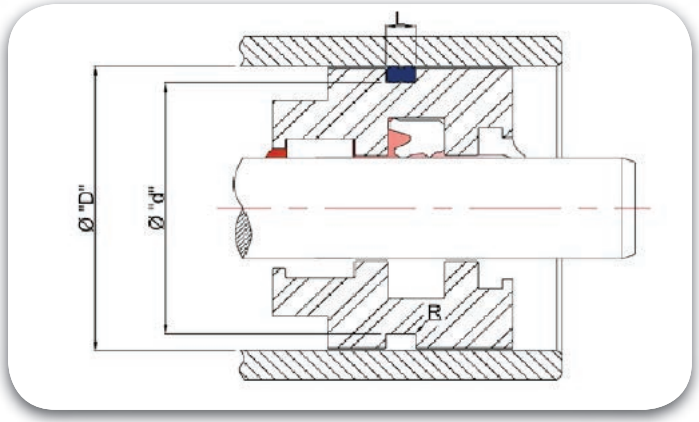
Important Advantages -

- **Ease of assembly**
- **High extrusion resistance and good compression set**
- **Simple groove design**
- **Universal applicability**
- **No problem of twisting**



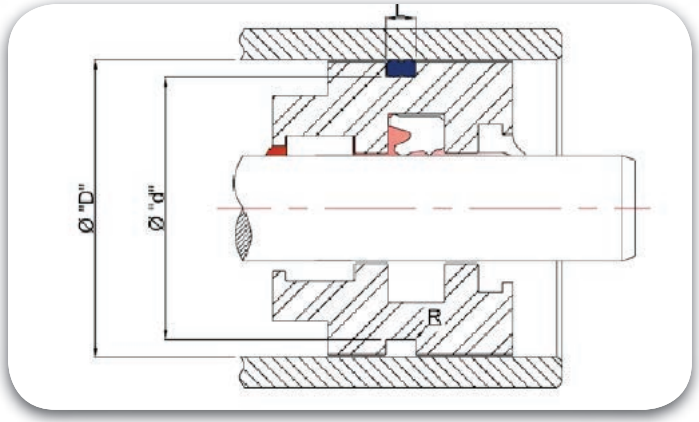
Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
1	LA1 0060 0046 024	6	4.6	2.4	0.3
2	LA1 0100 0076 036	10	7.6	3.6	0.3
3	LA1 0110 0086 026	11	8.6	2.6	0.3
4	LA1 0120 0096 036	12	9.6	3.6	0.3
5	LA1 0138 0092 031	13.8	9.2	3.1	0.3
6	LA1 0150 0126 036	15	12.6	3.6	0.3
7	LA1 0155 0131 036	15.5	13.1	3.6	0.3
8	LA1 0160 0136 036	16	13.6	3.6	0.3
9	LA1 0166 0120 031	16.6	12	3.1	0.3
10	LA1 0170 0146 026	17	14.6	2.6	0.3
11	LA1 0170 0146 036	17	14.6	3.6	0.3
12	LA1 0175 0151 026	17.5	15.1	2.6	0.3
13	LA1 0175 0151 036	17.5	15.1	3.6	0.3
14	LA1 0180 0140 058	18	14	5.8	0.3
15	LA1 0180 0156 036	18	15.6	3.6	0.3
16	LA1 0190 0156 036	19	15.6	3.6	0.3
17	LA1 0190 0156 044	19	15.6	4.4	0.3
18	LA1 0190 0166 026	19	16.6	2.6	0.3
19	LA1 0190 0166 036	19	16.6	3.6	0.3
20	LA1 0200 0160 160	20	16	16	0.3

Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
21	LA1 0200 0166 166	20	16.6	16.6	0.3
22	LA1 0200 0166 166	20	16.6	16.6	0.3
23	LA1 0200 0176 176	20	17.6	17.6	0.3
24	LA1 0205 0172 172	20.5	17.2	17.2	0.3
25	LA1 0210 0176 176	21	17.6	17.6	0.3
26	LA1 0210 0186 186	21	18.6	18.6	0.3
27	LA1 0215 0181 181	21.5	18.1	18.1	0.3
28	LA1 0215 0191 191	21.5	19.1	19.1	0.3
29	LA1 0220 0196 196	22	19.6	19.6	0.3
30	LA1 0230 0196 196	23	19.6	19.6	0.3
31	LA1 0230 0206 206	23	20.6	20.6	0.3
32	LA1 0240 0200 200	24	20	20	0.3
33	LA1 0240 0216 216	24	21.6	21.6	0.3
34	LA1 0260 0220 220	26	22	22	0.3
35	LA1 0268 0220 220	26.8	22	22	0.3
36	LA1 0280 0238 238	28	23.8	23.8	0.3
37	LA1 0286 0256 256	28.6	25.6	25.6	0.3
38	LA1 0300 0251 251	30	25.1	25.1	0.3
39	LA1 0300 0254 054	30	25.4	5.4	0.3
40	LA1 0310 0264 050	31	26.4	5	0.3



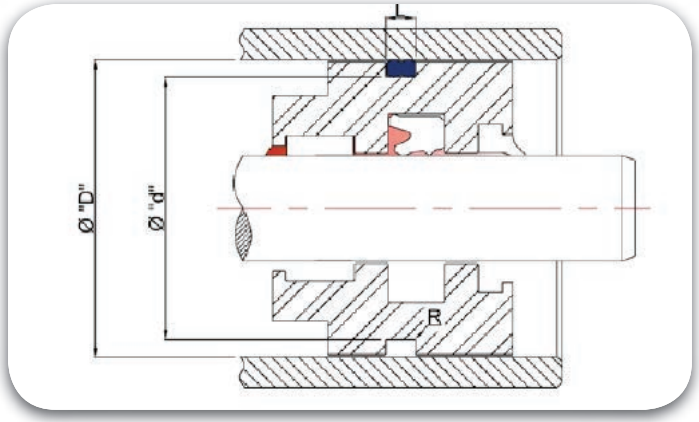
Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
41	LA1 0320 0274 054	32	27.4	5.4	0.3
42	LA1 0330 0200 156	33	20	15.6	0.3
43	LA1 0340 0284 053	34	28.4	5.3	0.3
44	LA1 0340 0311 036	34	31.1	3.6	0.3
45	LA1 0350 0304 050	35	30.4	5	0.3
46	LA1 0355 0309 050	35.5	30.9	5	0.3
47	LA1 0360 0320 062	36	32	6.2	0.3
48	LA1 0380 0324 053	38	32.4	5.3	0.3
49	LA1 0400 0352 054	40	35.2	5.4	0.3
50	LA1 0400 0354 054	40	35.4	5.4	0.3
51	LA1 0428 0380 068	42.8	38	6.8	0.3
52	LA1 0434 0378 062	43.4	37.8	6.2	0.3
53	LA1 0450 0358 097	45	35.8	9.7	0.3
54	LA1 0450 0400 054	45	40	5.4	0.3
55	LA1 0500 0408 097	50	40.8	9.7	0.3
56	LA1 0500 0438 056	50	43.8	5.6	0.3
57	LA1 0500 0446 062	50	44.6	6.2	0.3
58	LA1 0500 0454 039	50	45.4	3.9	0.3
59	LA1 0500 0454 054	50	45.4	5.4	0.3
60	LA1 0550 0458 098	55	45.8	9.8	0.3

Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
61	LA1 0550 0496 062	55	49.6	6.2	0.3
62	LA1 0550 0499 053	55	49.9	5.3	0.3
63	LA1 0550 0500 067	55	50	6.7	0.3
64	LA1 0550 0510 036	55	51	3.6	0.3
65	LA1 0570 0522 041	57	52.2	4.1	0.3
66	LA1 0580 0500 090	58	50	9	0.3
67	LA1 0600 0508 097	60	50.8	9.7	0.3
68	LA1 0600 0544 058	60	54.4	5.8	0.3
69	LA1 0600 0546 062	60	54.6	6.2	0.3
70	LA1 0630 0538 097	63	53.8	9.7	0.3
71	LA1 0630 0566 064	63	56.6	6.4	0.3
72	LA1 0630 0574 048	63	57.4	4.8	0.3
73	LA1 0630 0576 062	63	57.6	6.2	0.3
74	LA1 0630 0584 054	63	58.4	5.4	0.3
75	LA1 0650 0594 050	65	59.4	5	0.3
76	LA1 0650 0596 062	65	59.6	6.2	0.3
77	LA1 0650 0600 050	65	60	5	0.3
78	LA1 0680 0627 050	68	62.7	5	0.3
79	LA1 0696 0650 039	69.6	65	3.9	0.3
80	LA1 0700 0650 050	70	65	5	0.3



Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
81	LA1 0700 0664 062	70	66.4	6.2	0.3
82	LA1 0720 0664 050	72	66.4	5	0.3
83	LA1 0735 0700 050	73.5	70	5	0.3
84	LA1 0746 0700 038	74.6	70	3.8	0.3
85	LA1 0750 0658 097	75	65.8	9.7	0.3
86	LA1 9750 0694 053	75	69.4	5.3	0.3
87	LA1 0750 0696 062	75	69.6	6.2	0.3
88	LA1 0766 0720 048	76.6	72	4.8	0.3
89	LA1 0770 0708 062	77	70.8	6.2	0.3
90	LA1 0780 0730 050	78	73	5	0.3
91	LA1 0800 0708 090	80	70.8	9	0.3
92	LA1 0800 0708 097	80	70.8	9.7	0.3
93	LA1 0736 0640 030	80	73.6	6.4	0.3
94	LA1 0800 0738 069	80	73.8	6.9	0.3
95	LA1 0800 0744 053	80	74.4	5.3	0.3
96	LA1 0800 0754 054	80	75.4	5.4	0.3
97	LA1 0800 0760 036	80	76	3.6	0.3
98	LA1 0850 0794 053	85	79.4	5.3	0.3
99	LA1 0851 0805 039	85.1	80.5	3.9	0.3
100	LA1 0900 0814 090	90	81.4	9	0.3

Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
101	LA1 0900 0830 065	90	83	6.5	0.3
102	LA1 0900 0844 048	90	84.4	4.8	0.3
103	LA1 0930 0874 053	93	87.4	5.3	0.3
104	LA1 0950 0894 062	95	89.4	6.2	0.3
105	LA1 0970 0914 048	97	91.4	4.8	0.3
106	LA1 1000 0908 097	100	90.8	9.7	0.3
107	LA1 1000 0914 090	100	91.4	9	0.3
108	LA1 1000 0916 086	100	91.6	8.6	0.3
109	LA1 1000 0938 069	100	93.8	6.9	0.3
110	LA1 1020 0958 062	102	95.8	6.2	0.3
111	LA1 1050 0964 090	105	96.4	9	0.3
112	LA1 1100 1008 097	110	100.8	9.7	0.6
113	LA1 1100 1014 090	110	101.4	9	0.3
114	LA1 1140 1078 062	114	107.8	6.2	0.3
115	LA1 1150 1066 086	115	106.6	8.6	0.6
116	LA1 1250 1158 097	125	115.8	9.7	0.6
117	LA1 1250 1164 090	125	116.4	9	0.3
118	LA1 1250 1166 086	125	116.6	8.6	0.3
119	LA1 1400 1284 123	140	128.4	12.3	0.6
120	LA1 1400 1308 097	140	130.8	9.7	0.6



Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
121	LA1 1400 1316 086	140	131.6	8.6	0.3
122	LA1 1500 1384 123	150	138.4	12.3	0.6
123	LA1 1500 1408 097	150	140.8	9.7	0.6
124	LA1 1500 1416 086	150	141.6	8.6	0.3
125	LA1 1600 1484 123	160	148.4	12.3	0.6
126	LA1 1600 1508 097	160	150.8	9.7	0.6
127	LA1 1650 1534 123	165	153.4	12.3	0.6
128	LA1 1650 1558 097	165	155.8	9.7	0.6
129	LA1 1650 1566 086	165	156.6	8.6	0.3
130	LA1 1700 1584 123	170	158.4	12.3	0.6
131	LA1 1700 1608 097	170	160.8	9.7	0.6
132	LA1 1800 1684 123	180	168.4	12.3	0.6
133	LA1 1800 1708 097	180	170.8	9.7	0.6
134	LA1 1800 1716 086	180	171.6	8.6	0.3
135	LA1 1900 1784 123	190	178.4	12.3	0.6
136	LA1 2000 1884 123	200	188.4	12.3	0.6
137	LA1 2000 1908 097	200	190.8	9.7	0.6
138	LA1 2000 1916 086	200	191.6	8.6	0.3
139	LA1 2250 2130 109	225	213	10.9	0.6
140	LA1 2500 2380 109	250	238	10.9	0.6

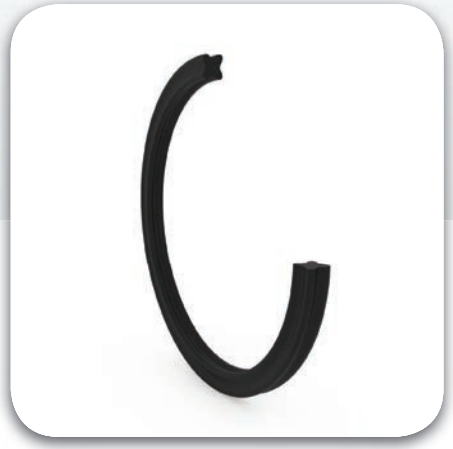
Sl. No.	TRIADA® Part Numbers	Bore Ø "D" H8	Groove Ø"d" h9	Groove Width L +0.2	Radius "R" ±0.2
141	LA1 2500 3284 123	250	238.4	12.3	0.6
142	LA1 2500 2408 097	250	240.8	9.7	0.6
143	LA1 2700 2584 123	270	258.4	12.3	0.6
144	LA1 2800 2680 109	280	268	10.9	0.6

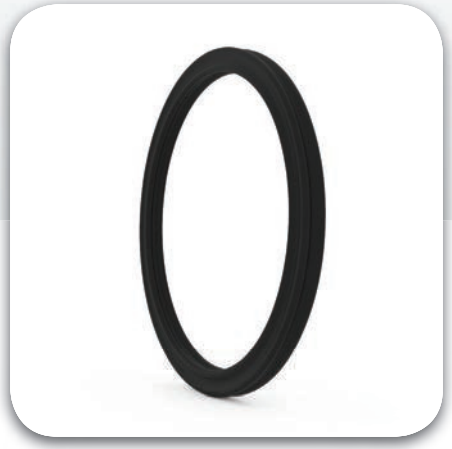
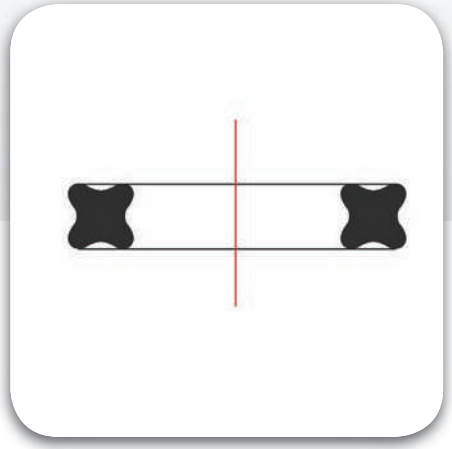
TRIADA

LOBE RING

Static Seals

#SealingExcellence



Description

A four lobbed elastomer seal, compatible to an O-Ring groove (AS568A), with an improved sealing efficiency. The diametrical squeeze is lower than with O-rings which make dynamic sealing possible with reduced friction. The four lips of the Lobe Ring create more sealing capacity and at the same time a groove for lubrication, which is very favorable for dynamic sealing and it is more resistant to spiral failure.
Lobe Rings are also a preferred Sealing Element for Rotary and Helical movements and suggested to be installed in the housing, rather than on the shaft, as this enables the seal to be assembled along with Uncut Back-Up Rings, in case of higher pressures. Please contact Triada® Application Engineering team for an appropriate Sealing Proposal for your specific application.

Diameter Range	Ø0.74 – Ø658.87.00
Standard material	TRIAFLEX® T571(NBR70)
Temperature(C)	-40° C to 200° C (Based on Elastomer Material).
Speed	≤ 0.5 m/s (reciprocating) ≤ 2.0 m/s (rotating)
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. Conditions).
Pressure	Dynamic Pressure - 50 bar without BU-Ring / 300 bar with BU-Ring (reciprocating) 150 bar with BU-Ring (rotating) Static Pressure - 50 bar without BU-Ring / 400 bar with BU-Ring (rotating)

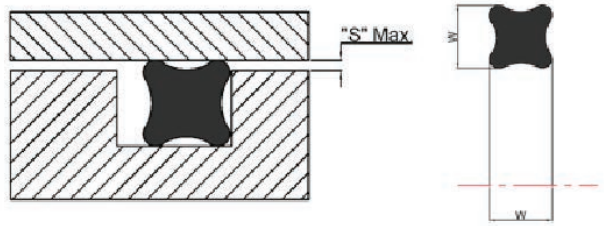
Material Details

Lobe Ring Material	Code
TRIAFLEX® NBR 70	T571
TRIAFLEX® NBR 90	T591
TRIAFLEX® FKM 70	T671
TRIAFLEX® FKM 90	T691
TRIAFLEX® EPDM 70	T771
TRIAFLEX® HNBR 70	T532

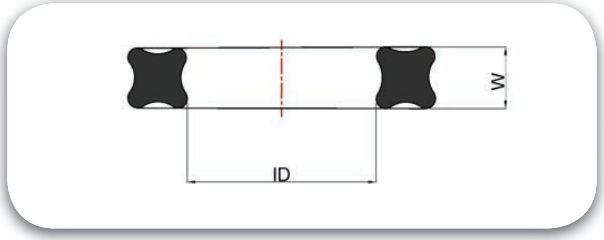
Nomenclature

Part No	QUA	00106	0125	T571
	TRIADA TYPE	Lobe Ring ID x 10	C/S x 10	Seal Material Code



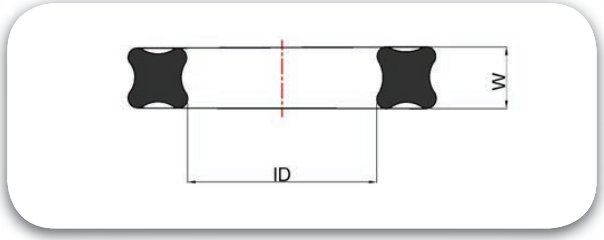


Cross Section "W"	Radial Pre-Load		Groove Dimension					Radius "r"	Max Diametrical Clearance
	Dynamic	Static	Groove Depth		Groove Width				
	Max/Min	Max/Min	Dynamic	Static	without Back-Up Ring	with 1 Back-up Ring	with 2 Back-up Ring		
1.02 ±0.08	0.30/0.115	0.35/0.165	0.80 +0.025	0.75 +0.025	1.2	NA	NA	0.1	0.05
1.25 ±0.08	0.33/0.145	0.43/0.245	1.00 +0.025	0.90 +0.025	1.4	NA	NA	0.15	0.05
1.52 ±0.08	0.35/0.165	0.45/0.265	1.25 +0.025	1.15 +0.025	1.7	NA	NA	0.25	0.08
1.02 ±0.08	0.30/0.115	0.30/0.165	0.80 +0.025	0.75 +0.025	1.2	NA	NA	0.1	0.05
1.50 ±0.08	0.33/0.145	0.43/0.245	1.25 +0.025	1.15 +0.025	1.7	2.6	3.5	0.25	0.08
1.78 ±0.08	0.36/0.175	0.46/0.275	1.50 +0.025	1.40 +0.025	2	3.5	5	0.25	0.1
2.62 ±0.08	0.40/0.215	0.45/0.265	2.30 +0.025	2.25 +0.025	3	4.4	5.8	0.4	0.15
3.53 ±0.10	0.43/0.205	0.53/0.305	3.20 +0.025	3.10 +0.025	4	5.4	6.8	0.4	0.15
5.33 ±0.13	0.56/0.250	0.71/0.400	4.90 +0.050	4.75 +0.050	6	7.8	9.5	0.6	0.2
7.00 ±0.15	0.70/0.350	0.95/0.600	6.45 +0.050	6.20 +0.050	8	10.5	13	0.6	0.2



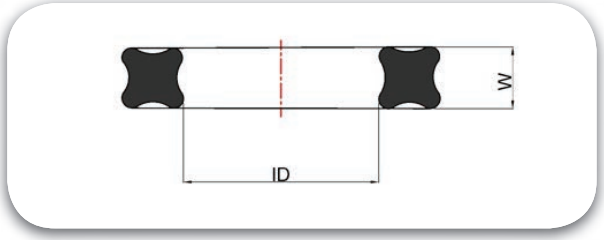
Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
1	0.74	0.1	1.02 ± 0.08	2.78	QUA00074 0102
2	1.06	0.1	1.25 ± 0.08	3.56	QUA00106 0125
3	1.42	0.1	1.52 ± 0.08	4.46	QUA00142 0152
4	**1.78***	**0.13**	**1.02 ± 0.08**	**3.82**	**QUA00178 0102**
5	1.78	0.13	1.78 ± 0.08	5.34	QUA00178 0178
6	2	0.13	1.50 ± 0.08	5	QUA00200 0178
7	2.57	0.13	1.78 ± 0.08	6.13	QUA00257 0178
8	2.9	0.13	1.78 ± 0.08	6.46	QUA00290 0178
9	3.68	0.13	1.78 ± 0.08	7.24	QUA00368 0178
10	4.47	0.13	1.78 ± 0.08	8.03	QUA00447 0178
11	5.28	0.13	1.78 ± 0.08	8.84	QUA00528 0178
12	6.07	0.13	1.78 ± 0.08	9.63	QUA00607 0178
13	7.65	0.13	1.78 ± 0.08	11.21	QUA00765 0178
14	**8.20***	**0.13**	**1.78 ± 0.08**	**11.76**	**QUA00820 0178**
15	9.25	0.13	1.78 ± 0.08	12.81	QUA00925 0178
16	10.82	0.13	1.78 ± 0.08	14.38	QUA01082 0178
17	12.42	0.13	1.78 ± 0.08	15.98	QUA01242 0178
18	14	0.18	1.78 ± 0.08	17.56	QUA01400 0178
19	15.6	0.23	1.78 ± 0.08	19.16	QUA01560 0178
20	17.17	0.23	1.78 ± 0.08	20.73	QUA01717 0178
21	18.77	0.23	1.78 ± 0.08	22.3	QUA01877 0178
22	20.35	0.23	1.78 ± 0.08	23.91	QUA02035 0178
23	21.95	0.23	1.78 ± 0.08	25.51	QUA02195 0178
24	23.52	0.23	1.78 ± 0.08	27.08	QUA02352 0178
25	25.12	0.25	1.78 ± 0.08	28.68	QUA02512 0178

Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
26	26.7	0.25	1.78 ± 0.08	30.26	QUA02670 0178
27	28.3	0.25	1.78 ± 0.08	31.86	QUA02830 0178
28	29.87	0.28	1.78 ± 0.08	33.43	QUA02987 0178
29	31.47	0.28	1.78 ± 0.08	35.03	QUA03147 0178
30	33.05	0.28	1.78 ± 0.08	36.61	QUA03305 0178
31	34.65	0.33	1.78 ± 0.08	38.21	QUA03465 0178
32	37.82	0.33	1.78 ± 0.08	41.38	QUA03782 0178
33	41	0.33	1.78 ± 0.08	44.56	QUA04100 0178
34	44.17	0.38	1.78 ± 0.08	47.73	QUA04417 0178
35	47.35	0.38	1.78 ± 0.08	50.91	QUA04735 0178
36	50.52	0.46	1.78 ± 0.08	54.08	QUA05052 0178
37	53.7	0.46	1.78 ± 0.08	57.26	QUA05370 0178
38	56.87	0.46	1.78 ± 0.08	60.43	QUA05687 0178
39	60.05	0.46	1.78 ± 0.08	63.61	QUA06005 0178
40	63.22	0.46	1.78 ± 0.08	66.78	QUA06322 0178
41	66.4	0.51	1.78 ± 0.08	69.96	QUA06640 0178 T571
42	69.57	0.51	1.78 ± 0.08	73.13	QUA06957 0178 T571
43	72.75	0.51	1.78 ± 0.08	76.31	QUA07275 0178 T571
44	75.92	0.61	1.78 ± 0.08	79.48	QUA07592 0178 T571
45	82.27	0.61	1.78 ± 0.08	85.83	QUA08227 0178 T571
46	88.62	0.61	1.78 ± 0.08	92.18	QUA08862 0178 T571
47	94.97	0.69	1.78 ± 0.08	98.53	QUA09497 0178 T571
48	101.32	0.69	1.78 ± 0.08	104.88	QUA10132 0178 T571
49	107.67	0.76	1.78 ± 0.08	111.23	QUA10767 0178 T571
50	114.02	0.76	1.78 ± 0.08	117.58	QUA11402 0178 T571

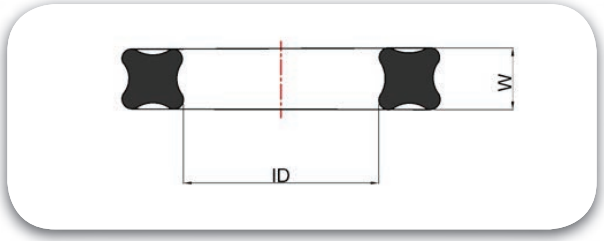


Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
51	120.37	0.76	1.78 ± 0.08	123.98	QUA12037 0178 T571
52	126.72	0.94	1.78 ± 0.08	130.28	QUA12672 0178 T571
53	133.07	0.94	1.78 ± 0.08	136.63	QUA13307 0178 T571
54	1.24	0.1	2.62 ± 0.08	6.48	QUA00124 0262 T571
55	**2.06***	**0.13**	**2.62 ± 0.08**	**7.3**	**QUA00206 0262 T571**
56	**2.84***	**0.13**	**2.62 ± 0.08**	**8.08**	**QUA00284 0262 T571**
57	3.63	0.13	2.62 ± 0.08	8.87	QUA00363 0262 T571
58	4.42	0.13	2.62 ± 0.08	9.66	QUA00442 0262 T571
59	5.23	0.13	2.62 ± 0.08	10.47	QUA00523 0262 T571
60	6.02	0.13	2.62 ± 0.08	11.26	QUA00602 0262 T571
61	7.59	0.13	2.62 ± 0.08	12.83	QUA00759 0262 T571
62	9.2	0.13	2.62 ± 0.08	14.44	QUA00920 0262 T571
63	**10.20***	**0.13**	**2.62 ± 0.08**	**15.44**	**QUA01020 0262 T571**
64	10.77	0.13	2.62 ± 0.08	16.01	QUA01077 0262 T571
65	12.37	0.13	2.62 ± 0.08	17.61	QUA01237 0262 T571
66	13.95	0.18	2.62 ± 0.08	19.19	QUA01395 0262 T571
67	**14.70***	**0.23**	**2.62 ± 0.08**	**19.94**	**QUA01470 0262 T571**
68	**14.80***	**0.23**	**2.62 ± 0.08**	**19.8**	**QUA01480 0262 T571**
69	15.55	0.23	2.62 ± 0.08	20.79	QUA01555 0262 T571
70	**16.20***	**0.23**	**2.62 ± 0.08**	**21.44**	**QUA01620 0262 T571**
71	17.12	0.23	2.62 ± 0.08	22.36	QUA01712 0262 T571
72	18.72	0.23	2.62 ± 0.08	23.96	QUA01872 0262 T571
73	20.29	0.25	2.62 ± 0.08	25.53	QUA02029 0262 T571
74	21.89	0.25	2.62 ± 0.08	27.13	QUA02189 0262 T571
75	23.47	0.25	2.62 ± 0.08	28.71	QUA02347 0262 T571

Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
76	25.07	0.25	2.62 ± 0.08	30.31	QUA02507 0262 T571
77	26.64	0.25	2.62 ± 0.08	31.88	QUA02664 0262 T571
78	28.24	0.25	2.62 ± 0.08	33.48	QUA02824 0262 T571
79	29.82	0.3	2.62 ± 0.08	35.06	QUA02982 0262 T571
80	31.42	0.3	2.62 ± 0.08	36.66	QUA03142 0262 T571
81	32.99	0.3	2.62 ± 0.08	38.23	QUA03299 0262 T571
82	34.59	0.3	2.62 ± 0.08	39.83	QUA03459 0262 T571
83	36.17	0.3	2.62 ± 0.08	41.41	QUA03617 0262 T571
84	37.77	0.3	2.62 ± 0.08	43.01	QUA03777 0262 T571
85	39.34	0.38	2.62 ± 0.08	44.58	QUA03934 0262 T571
86	40.95	0.38	2.62 ± 0.08	46.19	QUA04095 0262 T571
87	42.52	0.38	2.62 ± 0.08	47.76	QUA04252 0262 T571
88	44.12	0.38	2.62 ± 0.08	49.36	QUA04412 0262 T571
89	45.69	0.38	2.62 ± 0.08	50.93	QUA04569 0262 T571
90	47.29	0.38	2.62 ± 0.08	52.53	QUA04729 0262 T571
91	48.9	0.43	2.62 ± 0.08	54.14	QUA04890 0262 T571
92	50.47	0.43	2.62 ± 0.08	55.71	QUA05047 0262 T571
93	52.07	0.43	2.62 ± 0.08	57.31	QUA05207 0262 T571
94	53.84	0.43	2.62 ± 0.08	58.88	QUA05384 0262 T571
95	55.25	0.43	2.62 ± 0.08	60.49	QUA05525 0262 T571
96	56.82	0.43	2.62 ± 0.08	62.06	QUA05682 0262 T571
97	58.42	0.51	2.62 ± 0.08	63.66	QUA05842 0262 T571
98	59.99	0.51	2.62 ± 0.08	65.23	QUA05999 0262 T571
99	61.6	0.51	2.62 ± 0.08	66.84	QUA06160 0262 T571
100	63.17	0.51	2.62 ± 0.08	68.41	QUA06317 0262 T571

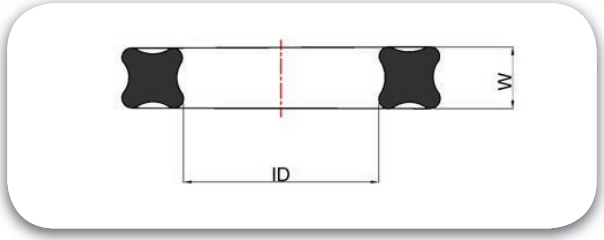


Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
101	64.77	0.51	2.62 ± 0.08	70.01	QUA06477 0262 T571
102	66.34	0.51	2.62 ± 0.08	71.58	QUA06634 0262 T571
103	67.94	0.56	2.62 ± 0.08	73.18	QUA06794 0262 T571
104	69.52	0.56	2.62 ± 0.08	74.76	QUA06952 0262 T571
105	71.12	0.56	2.62 ± 0.08	76.36	QUA07112 0262 T571
106	72.69	0.56	2.62 ± 0.08	77.93	QUA07269 0262 T571
107	75.87	0.61	2.62 ± 0.08	81.11	QUA07587 0262 T571
108	82.22	0.61	2.62 ± 0.08	87.46	QUA08222 0262 T571
109	88.57	0.61	2.62 ± 0.08	93.81	QUA08857 0262 T571
110	94.92	0.71	2.62 ± 0.08	100.16	QUA09492 0262 T571
111	101.27	0.71	2.62 ± 0.08	106.51	QUA10127 0262 T571
112	107.62	0.76	2.62 ± 0.08	112.86	QUA10762 0262 T571
113	113.97	0.76	2.62 ± 0.08	119.21	QUA11397 0262 T571
114	120.32	0.76	2.62 ± 0.08	125.56	QUA12032 0262 T571
115	126.67	0.89	2.62 ± 0.08	131.91	QUA12667 0262 T571
116	133.02	0.89	2.62 ± 0.08	138.26	QUA13302 0262 T571
117	139.37	0.89	2.62 ± 0.08	144.61	QUA13937 0262 T571
118	145.72	0.89	2.62 ± 0.08	150.96	QUA14572 0262 T571
119	152.07	0.89	2.62 ± 0.08	157.31	QUA15207 0262 T571
120	158.42	1.02	2.62 ± 0.08	163.66	QUA15842 0262 T571
121	164.77	1.02	2.62 ± 0.08	170.01	QUA16477 0262 T571
122	171.11	1.02	2.62 ± 0.08	176.35	QUA17111 0262 T571
123	177.47	1.02	2.62 ± 0.08	182.71	QUA17747 0262 T571
124	183.82	1.14	2.62 ± 0.08	189.06	QUA18382 0262 T571
125	190.17	1.14	2.62 ± 0.08	195.41	QUA19017 0262 T571
126	196.52	1.14	2.62 ± 0.08	201.76	QUA19652 0262 T571
127	202.87	1.14	2.62 ± 0.08	208.11	QUA20287 0262 T571
128	209.22	1.27	2.62 ± 0.08	214.46	QUA20922 0262 T571
129	215.57	1.27	2.62 ± 0.08	220.81	QUA21557 0262 T571
130	221.92	1.27	2.62 ± 0.08	227.16	QUA22192 0262 T571
131	228.27	1.27	2.62 ± 0.08	233.51	QUA22827 0262 T571
132	234.62	1.4	2.62 ± 0.08	239.86	QUA23462 0262 T571
133	240.97	1.4	2.62 ± 0.08	246.21	QUA24097 0262 T571
134	247.32	1.4	2.62 ± 0.08	252.56	QUA24732 0262 T571
135	4.34	0.13	3.53 ± 0.10	11.4	QUA00434 0353 T571
136	5.94	0.13	3.53 ± 0.1	13	QUA00594 0353 T571
137	7.52	0.13	3.53 ± 0.1	14.58	QUA00752 0353 T571
138	9.12	0.13	3.53 ± 0.1	16.18	QUA00912 0353 T571
139	10.69	0.13	3.53 ± 0.1	17.75	QUA01069 0353 T571
140	12.29	0.13	3.53 ± 0.1	19.35	QUA01229 0353 T571
141	13.87	0.18	3.53 ± 0.1	20.93	QUA01387 0353 T571
142	15.47	0.23	3.53 ± 0.1	22.53	QUA01547 0353 T571
143	17.04	0.23	3.53 ± 0.1	24.1	QUA01704 0353 T571
144	**18.20***	**0.25**	**3.53 ± 0.1**	**25.26**	**QUA01820 0353 T571**
145	18.66	0.25	3.53 ± 0.1	25.72	QUA01866 0353 T571
146	20.22	0.25	3.53 ± 0.1	27.28	QUA02022 0353 T571
147	21.82	0.25	3.53 ± 0.1	28.88	QUA02182 0353 T571
148	23.4	0.25	3.53 ± 0.1	30.46	QUA02340 0353 T571
149	25	0.25	3.53 ± 0.1	32.06	QUA02500 0353 T571
150	26.58	0.25	3.53 ± 0.1	33.64	QUA02658 0353 T571



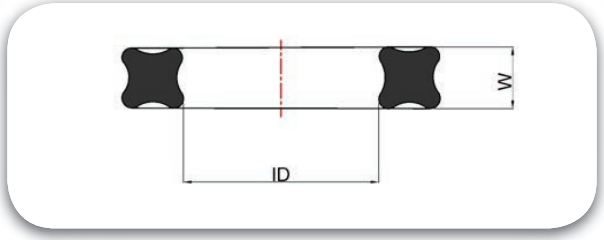
Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
151	28.17	0.3	3.53 ± 0.1	35.23	QUA02817 0353 T571
152	29.75	0.3	3.53 ± 0.1	36.81	QUA02975 0353 T571
153	31.35	0.3	3.53 ± 0.1	38.41	QUA03135 0353 T571
154	32.92	0.3	3.53 ± 0.1	39.98	QUA03292 0353 T571
155	34.52	0.3	3.53 ± 0.1	41.58	QUA03452 0353 T571
156	36.09	0.3	3.53 ± 0.1	43.15	QUA03609 0353 T571
157	37.7	0.38	3.53 ± 0.1	44.76	QUA03770 0353 T571
158	40.87	0.38	3.53 ± 0.1	47.93	QUA04087 0353 T571
159	44.05	0.38	3.53 ± 0.1	51.11	QUA04405 0353 T571
160	47.22	0.46	3.53 ± 0.1	54.28	QUA04722 0353 T571
161	50.4	0.46	3.53 ± 0.1	57.46	QUA05040 0353 T571
162	53.57	0.46	3.53 ± 0.1	60.63	QUA05357 0353 T571
163	56.75	0.51	3.53 ± 0.1	63.81	QUA05675 0353 T571
164	59.92	0.51	3.53 ± 0.1	66.98	QUA05992 0353 T571
165	63.1	0.51	3.53 ± 0.1	70.16	QUA06310 0353 T571
166	66.27	0.51	3.53 ± 0.1	73.33	QUA06627 0353 T571
167	69.45	0.61	3.53 ± 0.1	76.51	QUA06945 0353 T571
168	72.62	0.61	3.53 ± 0.1	79.68	QUA07262 0353 T571
169	75.8	0.61	3.53 ± 0.1	82.86	QUA07580 0353 T571
170	78.97	0.61	3.53 ± 0.1	86.03	QUA07897 0353 T571
171	82.15	0.61	3.53 ± 0.1	89.21	QUA08215 0353 T571
172	85.32	0.61	3.53 ± 0.1	92.38	QUA08532 0353 T571
173	88.5	0.61	3.53 ± 0.1	95.56	QUA08850 0353 T571
174	91.67	0.71	3.53 ± 0.1	98.73	QUA09167 0353 T571
175	94.85	0.71	3.53 ± 0.1	101.91	QUA09485 0353 T571

Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
176	98.02	0.71	3.53 ± 0.1	105.08	QUA09802 0353 T571
177	101.2	0.71	3.53 ± 0.1	108.26	QUA10120 0353 T571
178	104.37	0.71	3.53 ± 0.1	111.43	QUA10437 0353 T571
179	107.55	0.76	3.53 ± 0.1	114.61	QUA10755 0353 T571
180	110.72	0.76	3.53 ± 0.1	117.78	QUA11072 0353 T571
181	113.9	0.76	3.53 ± 0.1	120.96	QUA11390 0353 T571
182	117.07	0.76	3.53 ± 0.1	124.13	QUA11707 0353 T571
183	120.25	0.76	3.53 ± 0.1	127.31	QUA12025 0353 T571
184	123.42	0.84	3.53 ± 0.1	130.48	QUA12342 0353 T571
185	126.6	0.84	3.53 ± 0.1	133.66	QUA12660 0353 T571
186	129.77	0.84	3.53 ± 0.1	136.83	QUA12977 0353 T571
187	132.95	0.89	3.53 ± 0.1	140.01	QUA13295 0353 T571
188	136.12	0.89	3.53 ± 0.1	143.18	QUA13612 0353 T571
189	139.3	0.89	3.53 ± 0.1	146.36	QUA13930 0353 T571
190	142.47	0.89	3.53 ± 0.1	149.53	QUA14247 0353 T571
191	145.65	0.89	3.53 ± 0.1	152.71	QUA14565 0353 T571
192	148.82	0.89	3.53 ± 0.1	155.88	QUA14882 0353 T571
193	152	0.89	3.53 ± 0.1	159.06	QUA15200 0353 T571
194	158.35	1.02	3.53 ± 0.1	165.41	QUA15835 0353 T571
195	164.7	1.02	3.53 ± 0.1	171.76	QUA16470 0353 T571
196	171.05	1.02	3.53 ± 0.1	178.11	QUA17105 0353 T571
197	177.4	1.02	3.53 ± 0.1	184.46	QUA17740 0353 T571
198	183.75	1.14	3.53 ± 0.1	190.81	QUA18375 0353 T571
199	190.1	1.14	3.53 ± 0.1	197.16	QUA19010 0353 T571
200	196.45	1.14	3.53 ± 0.1	203.51	QUA19645 0353 T571



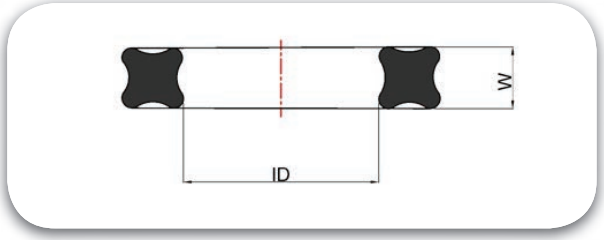
Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
201	202.8	1.14	3.53 ± 0.1	209.86	QUA20280 0353 T571
202	209.15	1.27	3.53 ± 0.1	216.21	QUA20915 0353 T571
203	215.5	1.27	3.53 ± 0.1	222.56	QUA21550 0353 T571
204	221.85	1.27	3.53 ± 0.1	228.91	QUA22185 0353 T571
205	228.2	1.27	3.53 ± 0.1	235.26	QUA22820 0353 T571
206	234.55	1.4	3.53 ± 0.1	247.96	QUA23455 0353 T571
207	240.9	1.4	3.53 ± 0.1	241.61	QUA24090 0353 T571
208	247.25	1.4	3.53 ± 0.1	254.31	QUA24725 0353 T571
209	253.6	1.4	3.53 ± 0.1	260.66	QUA25360 0353 T571
210	266.29	1.4	3.53 ± 0.1	273.35	QUA26629 0353 T571
211	278.99	1.65	3.53 ± 0.1	286.05	QUA27899 0353 T571
212	291.69	1.65	3.53 ± 0.1	298.75	QUA29169 0353 T571
213	304.39	1.65	3.53 ± 0.1	311.45	QUA30439 0353 T571
214	329.79	1.65	3.53 ± 0.1	336.85	QUA32979 0353 T571
215	355.19	1.65	3.53 ± 0.1	362.25	QUA35519 0353 T571
216	380.59	1.65	3.53 ± 0.1	387.65	QUA38059 0353 T571
217	405.26	1.9	3.53 ± 0.1	412.32	QUA40526 0353 T571
218	430.66	2.16	3.53 ± 0.1	437.72	QUA43066 0353 T571
219	456.06	2.42	3.53 ± 0.1	463.12	QUA45606 0353 T571
220	10.46	0.13	5.33 ± 0.13	21.12	QUA01046 0533 T571
221	12.06	0.13	5.33 ± 0.13	22.72	QUA01206 0533 T571
222	13.64	0.18	5.33 ± 0.13	24.3	QUA01364 0533 T571
223	15.24	0.23	5.33 ± 0.13	25.9	QUA01524 0533 T571
224	16.81	0.23	5.33 ± 0.13	27.47	QUA01681 0533 T571
225	18.41	0.25	5.33 ± 0.13	29.07	QUA01841 0533 T571

Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
226	19.99	0.25	5.33 ± 0.13	30.65	QUA01999 0533 T571
227	21.59	0.25	5.33 ± 0.13	32.25	QUA02159 0533 T571
228	23.16	0.25	5.33 ± 0.13	33.82	QUA02316 0533 T571
229	24.76	0.25	5.33 ± 0.13	35.42	QUA02476 0533 T571
230	26.34	0.25	5.33 ± 0.13	37	QUA02634 0533 T571
231	27.94	0.3	5.33 ± 0.13	38.6	QUA02794 0533 T571
232	29.51	0.3	5.33 ± 0.13	40.17	QUA02951 0533 T571
233	31.11	0.3	5.33 ± 0.13	41.77	QUA03111 0533 T571
234	32.69	0.3	5.33 ± 0.13	43.35	QUA03269 0533 T571
235	34.29	0.3	5.33 ± 0.13	45	QUA03429 0533 T571
236	37.46	0.38	5.33 ± 0.13	48.12	QUA03746 0533 T571
237	**39.20***	**0.38**	**5.33 ± 0.13**	**49.86**	**QUA03920 0533 T571**
238	40.64	0.38	5.33 ± 0.13	51.3	QUA04064 0533 T571
239	43.8	0.38	5.33 ± 0.13	54.46	QUA04380 0533 T571
240	**45.20***	**0.38**	**5.33 ± 0.13**	**55.85**	**QUA04520 0533 T571**
241	47	0.38	5.33 ± 0.13	57.66	QUA04700 0533 T571
242	50.16	0.46	5.33 ± 0.13	60.82	QUA05016 0533 T571
243	53.35	0.46	5.33 ± 0.13	64.01	QUA05335 0533 T571
244	56.5	0.46	5.33 ± 0.13	67.16	QUA05650 0533 T571
245	59.7	0.46	5.33 ± 0.13	70.36	QUA05970 0533 T571
246	62.86	0.51	5.33 ± 0.13	73.52	QUA06286 0533 T571
247	66.05	0.51	5.33 ± 0.13	76.71	QUA06605 0533 T571
248	69.2	0.51	5.33 ± 0.13	79.86	QUA06920 0533 T571
249	72.4	0.51	5.33 ± 0.13	83.06	QUA07240 0533 T571
250	75.56	0.61	5.33 ± 0.13	86.22	QUA07556 0533 T571



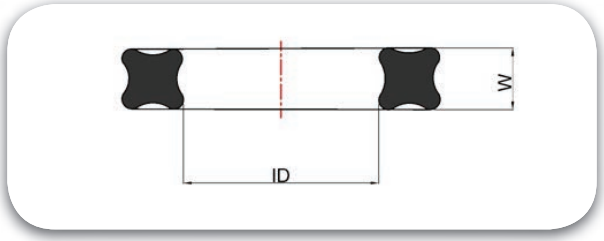
Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
251	78.75	0.61	5.33 ± 0.13	89.41	QUA07875 0533 T571
252	81.9	0.61	5.33 ± 0.13	92.56	QUA08190 0533 T571
253	85.1	0.61	5.33 ± 0.13	95.76	QUA08510 0533 T571
254	88.26	0.61	5.33 ± 0.13	98.92	QUA08826 0533 T571
255	91.45	0.71	5.33 ± 0.13	102.11	QUA09145 0533 T571
256	94.6	0.71	5.33 ± 0.13	105.26	QUA09460 0533 T571
257	97.8	0.71	5.33 ± 0.13	108.46	QUA09780 0533 T571
258	100.96	0.71	5.33 ± 0.13	111.62	QUA10096 0533 T571
259	104.15	0.71	5.33 ± 0.13	114.81	QUA10415 0533 T571
260	107.3	0.76	5.33 ± 0.13	117.96	QUA10730 0533 T571
261	110.5	0.76	5.33 ± 0.13	121.16	QUA11050 0533 T571
262	113.66	0.76	5.33 ± 0.13	124.32	QUA11366 0533 T571
263	116.84	0.76	5.33 ± 0.13	127.5	QUA11684 0533 T571
264	120.02	0.76	5.33 ± 0.13	130.68	QUA12002 0533 T571
265	123.19	0.76	5.33 ± 0.13	133.85	QUA12319 0533 T571
266	126.37	0.76	5.33 ± 0.13	137.03	QUA12637 0533 T571
267	129.54	0.94	5.33 ± 0.13	140.2	QUA12954 0533 T571
268	132.72	0.94	5.33 ± 0.13	143.38	QUA13272 0533 T571
269	135.89	0.94	5.33 ± 0.13	146.55	QUA13589 0533 T571
270	139.06	0.94	5.33 ± 0.13	149.72	QUA13906 0533 T571
271	142.24	0.94	5.33 ± 0.13	152.9	QUA14224 0533 T571
272	145.42	0.94	5.33 ± 0.13	156.08	QUA14542 0533 T571
273	148.49	0.94	5.33 ± 0.13	159.15	QUA14849 0533 T571
274	151.79	0.94	5.33 ± 0.13	162.42	QUA15179 0533 T571
275	158.12	1.02	5.33 ± 0.13	168.78	QUA15812 0533 T571

Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
276	164.47	1.02	5.33 ± 0.13	175.13	QUA16447 0533 T571
277	170.81	1.02	5.33 ± 0.13	181.47	QUA17081 0533 T571
278	177.17	1.02	5.33 ± 0.13	187.83	QUA17717 0533 T571
279	183.52	1.14	5.33 ± 0.13	194.18	QUA18352 0533 T571
280	189.87	1.14	5.33 ± 0.13	200.53	QUA18987 0533 T571
281	196.22	1.14	5.33 ± 0.13	206.88	QUA19622 0533 T571
282	202.57	1.14	5.33 ± 0.13	213.23	QUA20257 0533 T571
283	208.92	1.3	5.33 ± 0.13	219.58	QUA20892 0533 T571
284	215.27	1.3	5.33 ± 0.13	225.93	QUA21527 0533 T571
285	221.62	1.3	5.33 ± 0.13	232.28	QUA22162 0533 T571
286	227.97	1.3	5.33 ± 0.13	238.63	QUA22797 0533 T571
287	234.32	1.4	5.33 ± 0.13	244.98	QUA23432 0533 T571
288	240.67	1.4	5.33 ± 0.13	251.33	QUA24067 0533 T571
289	247.02	1.4	5.33 ± 0.13	257.68	QUA24702 0533 T571
290	253.37	1.4	5.33 ± 0.13	264.03	QUA25337 0533 T571
291	266.07	1.52	5.33 ± 0.13	276.73	QUA26607 0533 T571
292	278.77	1.52	5.33 ± 0.13	289.43	QUA27877 0533 T571
293	291.47	1.65	5.33 ± 0.13	302.13	QUA29147 0533 T571
294	304.17	1.65	5.33 ± 0.13	314.83	QUA30417 0533 T571
295	329.57	1.65	5.33 ± 0.13	340.23	QUA32957 0533 T571
296	354.97	1.78	5.33 ± 0.13	365.63	QUA35497 0533 T571
297	380.37	1.78	5.33 ± 0.13	391.03	QUA38037 0533 T571
298	405.26	1.9	5.33 ± 0.13	415.92	QUA40526 0533 T571
299	430.65	2.03	5.33 ± 0.13	441.31	QUA43065 0533 T571
300	456.06	2.15	5.33 ± 0.13	466.72	QUA45606 0533 T571



Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
301	481.38	2.25	5.33 ± 0.13	492.04	QUA48138 0533 T571
302	506.78	2.41	5.33 ± 0.13	517.44	QUA50678 0533 T571
303	532.18	2.41	5.33 ± 0.13	542.84	QUA53218 0533 T571
304	557.58	2.55	5.33 ± 0.13	568.24	QUA55758 0533 T571
305	582.68	2.65	5.33 ± 0.13	593.34	QUA58268 0533 T571
306	608.08	2.8	5.33 ± 0.13	618.74	QUA60808 0533 T571
307	633.48	2.9	5.33 ± 0.13	644.54	QUA633.48 0533 T571
308	658.88	3.05	5.33 ± 0.13	669.54	QUA65888 0533 T571
309	113.66	0.84	7.00 ± 0.15	127.66	QUA11366 0700 T571
310	116.85	0.84	7.00 ± 0.16	130.85	QUA11685 0700 T571
311	120	0.84	7.00 ± 0.17	134	QUA12000 0700 T571
312	123.2	0.84	7.00 ± 0.18	137.2	QUA12320 0700 T571
313	126.36	0.94	7.00 ± 0.19	140.36	QUA12636 0700 T571
314	129.55	0.94	7.00 ± 0.20	143.55	QUA12955 0700 T571
315	132.7	0.94	7.00 ± 0.21	146.7	QUA13270 0700 T571
316	135.9	0.94	7.00 ± 0.22	149.9	QUA13590 0700 T571
317	139.06	0.94	7.00 ± 0.23	153.06	QUA13906 0700 T571
318	142.25	0.94	7.00 ± 0.24	156.25	QUA14225 0700 T571
319	145.4	0.94	7.00 ± 0.25	159.4	QUA14540 0700 T571
320	148.6	0.94	7.00 ± 0.26	162.6	QUA14860 0700 T571
321	151.76	0.94	7.00 ± 0.27	165.76	QUA15176 0700 T571
322	158.1	1.02	7.00 ± 0.28	172.1	QUA15810 0700 T571
323	**160.50***	**1.02**	**7.00 ± 0.29**	**174.5**	**QUA16050 0700 T571**
324	164.46	1.02	7.00 ± 0.30	178.46	QUA16446 0700 T571
325	170.81	1.02	7.00 ± 0.31	184.81	QUA17081 0700 T571

Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
326	177.16	1.02	7.00 ± 0.32	191.16	QUA17716 0700 T571
327	183.5	1.14	7.00 ± 0.33	197.5	QUA18350 0700 T571
328	189.86	1.14	7.00 ± 0.34	203.86	QUA18986 0700 T571
329	196.2	1.14	7.00 ± 0.35	210.2	QUA19620 0700 T571
330	202.56	1.14	7.00 ± 0.36	216.56	QUA20256 0700 T571
331	215.3	1.4	7.00 ± 0.37	229.3	QUA21530 0700 T571
332	228	1.4	7.00 ± 0.38	242	QUA22800 0700 T571
333	240.7	1.4	7.00 ± 0.39	254.7	QUA24070 0700 T571
334	253.4	1.4	7.00 ± 0.40	267.4	QUA25340 0700 T571
335	266.1	1.52	7.00 ± 0.41	280.1	QUA26610 0700 T571
336	278.8	1.52	7.00 ± 0.42	292.8	QUA27880 0700 T571
337	291.5	1.52	7.00 ± 0.43	305.5	QUA29150 0700 T571
338	304.2	1.52	7.00 ± 0.44	318.2	QUA30420 0700 T571
339	316.9	1.52	7.00 ± 0.45	330.9	QUA31690 0700 T571
340	329.6	1.52	7.00 ± 0.46	343.6	QUA32960 0700 T571
341	342.3	1.78	7.00 ± 0.47	356.3	QUA34230 0700 T571
342	355	1.78	7.00 ± 0.48	369	QUA35500 0700 T571
343	367.7	1.78	7.00 ± 0.49	381.7	QUA36770 0700 T571
344	380.4	1.78	7.00 ± 0.50	394.4	QUA38040 0700 T571
345	393.1	1.78	7.00 ± 0.51	407.1	QUA39310 0700 T571
346	405.26	1.9	7.00 ± 0.52	419.26	QUA40526 0700 T571
347	417.96	1.9	7.00 ± 0.53	431.96	QUA41796 0700 T571
348	430.65	2.05	7.00 ± 0.54	444.96	QUA43065 0700 T571
349	443.36	2.15	7.00 ± 0.55	457.36	QUA44336 0700 T571
350	456.06	2.15	7.00 ± 0.56	470.06	QUA45606 0700 T571



Sl. No.	Inside Dia. "ID"	Tol. ±	Cross Section "W"	Outside Dia. "AD"	TRIADA® Part Numbers
351	468.76	2.15	7.00 ± 0.57	482.76	QUA46876 0700 T571
352	481.46	2.29	7.00 ± 0.58	495.46	QUA48146 0700 T571
353	494.16	2.29	7.00 ± 0.59	508.16	QUA49416 0700 T571
354	506.86	2.41	7.00 ± 0.60	520.86	QUA50686 0700 T571
355	532.26	2.41	7.00 ± 0.61	546.26	QUA53226 0700 T571
356	557.66	2.55	7.00 ± 0.62	571.66	QUA55766 0700 T571
357	562.68	2.65	7.00 ± 0.63	596.68	QUA56268 0700 T571
358	608.08	2.8	7.00 ± 0.64	622.08	QUA60808 0700 T571
359	633.48	2.9	7.00 ± 0.65	647.48	QUA63348 0700 T571
360	658.87	3.05	7.00 ± 0.66	672.87	QUA65887 0700 T571

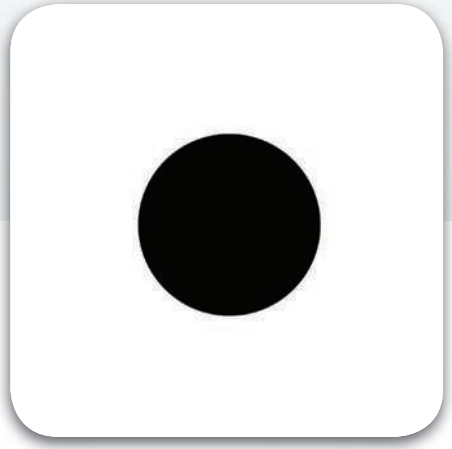
TRIADA

O-Ring

Static Seals

#SealingExcellence



Description

An O-ring is a torus or doughnut-shaped ring, generally moulded from an elastomer. An O-Ring is defined by its inside diameter (ID) and Cross section (W). The O-Ring is used as a Dynamic or Static Seal, usually installed in a rectangular machined groove.

Mode of Action:

O-Rings are Pressure energised, Double-acting sealing elements. The radial or axial sealing forces depend upon the system pressure. The result is an increase in the compression of the seal as the pressure rises.

Advantages:

When compared with other seals, the O-Ring has many advantages to offer. The most important ones are as follows:

- The Seal is single as well as double-acting
- The simple construction means no problems in manufacturing of the groove
- False installation is impossible because of the symmetrical cross section
- Simple groove design
- Universal applicability
- Economical

Material Details

Lobe Ring Material	Code
TRIAFLEX® NBR 70	T571
TRIAFLEX® NBR 90	T591
TRIAFLEX® FKM 70	T671
TRIAFLEX® FKM 90	T691
TRIAFLEX® EPDM 70	T771
TRIAFLEX® HNBR 70	T532

Nomenclature

Part No	OME	00106	0125	T571
	TRIADA TYPE	O-Ring ID x 10	C/S x 10	Seal Material Code



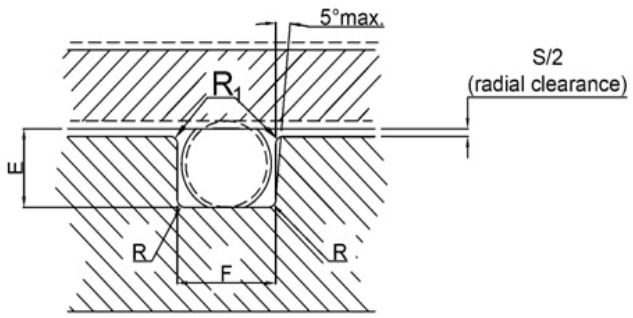
Tolerances:

O-Rings may be manufactured with very close tolerances. The permissible tolerances are standardized in DIN 3771/1 and ISO 3601/1 (up to an O-Ring Cross-section of 7.00mm and inner dia. of 670mm) The Tolerance specified in table 1.1 apply only to the O-Rings made of Nitrile Butadiene Rubber (NBR) with a hardness of 70 Shores A. with other elastomer qualities and hardness, deviations as compared with the values in the table may occur to the differing shrinkage behaviour.



Inside Dia. I.D (mm)	Tolerance (mm) ±	Inside Dia. I.D (mm)	Tolerance (mm) ±
Upto 2.50	0.13	120.00 - 150.00	1
2.50 - 6.30	0.14	150.00 - 180.00	1.24
6.30 - 10.00	0.16	180.00 - 250.00	1.44
10.00 - 18.00	0.18	250.00 - 300.00	1.93
18.00 - 30.00	0.22	300.00 - 350.00	2.25
30.00 - 50.00	0.31	350.00 - 400.00	2.56
50.00 - 80.00	0.47	400.00 - 450.00	2.91
80.00 - 100.00	0.71	500.00 - 650.00	3.54
100.00 - 120.00	0.87	650.00 - 800.00	4.46

Cross-section "W" (mm)	Tolerance (mm) ±
Upto 1.80	0.08
1.80 - 2.65	0.08
2.65 - 3.55	0.1
3.55 - 5.33	0.13
5.33 - 7.00	0.15
7.00 - 8.00	0.18
8.00 - 10.00	0.21
10.00 - 12.00	0.25
12.00 - 16.00	0.28



Gland Design:

Straight sided grooves are best to prevent extrusion or nibbling. 5º Sloping sides are easier to machine and are suitable for low pressures. Finish with no burrs, nicks, or scratches. The groove volume is 25% larger than that of the respective O-Ring. It takes into consideration a possible volume change of the O-Ring due to Thermal expansion or swell.

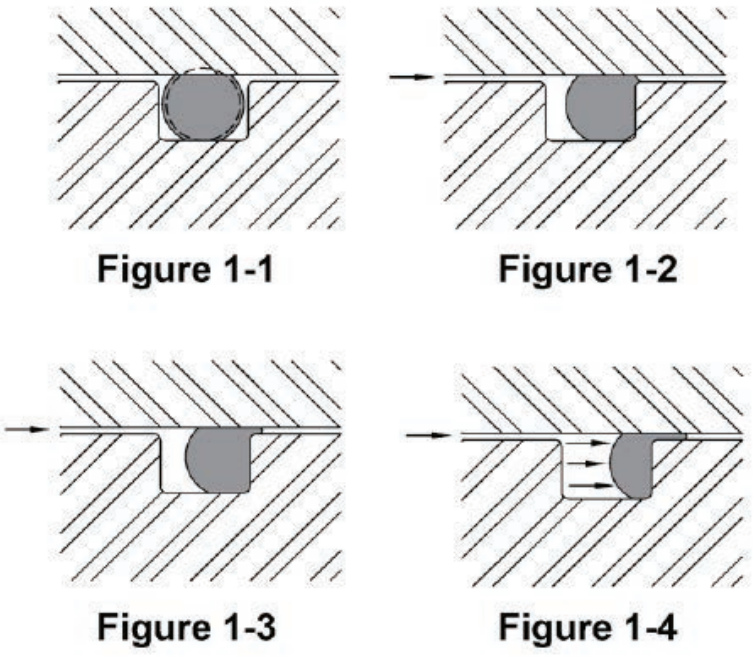


Figure 1-1

Figure 1-2

Figure 1-3

Figure 1-4

Operation:

The rubber seal should be considered as essentially an incompressible, viscous fluid having a very high surface tension. Whether by mechanical pressure from the surrounding structure or by pressure transmitted through hydraulic fluid, this extremely viscous fluid is forced to flow within the gland to produce "zero clearance" or block to the flow of the less viscous fluid being sealed. The rubber absorbs the stack-up of tolerances of the unit and its internal memory maintains the sealed condition.

Figure 1-1 illustrates the O-ring as installed, before the fluid pressure. Note that the O-ring is mechanically squeezed out of round between the outer and inner members to close the fluid passage. The seal material under mechanical pressure extrudes into the micro fine grooves of the gland.

Figure 1-2 illustrates the application of fluid pressure on the O-ring. Note that the O-ring has been forced to flow up to, but not into, the narrow gap between the mating surfaces and in so doing, has gained greater area and force of sealing contact.

Figure 1-3 shows the O-ring at its pressure limit with a small portion of the seal material entering the narrow gap between inner and outer members of the gland.

Figure 1-4 illustrates the result of further increasing pressure and the resulting extrusion failure. The surface tension of the elastomer is no longer sufficient to resist flow and the material extrudes (flows) into the open passage or clearance gap.

O-Ring Characteristics:

A very early and historically prominent user of O-Rings cites a number of characteristics of O-ring seals which are still of interest to seal designers. Extracts of the more general characteristics are listed as follows:

The seals can be made perfectly leak-proof for cases of static pistons and cylinders for fluid pressures up to 300 bar (Limit of test pressure). The pressure may be constant or variable.

•There may be slight running leakage (a few drops per hundred strokes) depending on the film forming ability of the hydraulic medium. O-rings can be used between rotating members with similar results but in all cases the surface rubbing speed must be kept low.

•A single O-ring will seal with pressure applied alternately on one side and then on the other, but in cases of severe loading or usage under necessarily unfavourable conditions, seal life can be extended by designing the mechanism so that each seal is subjected to pressure in one direction only. Seals may be arranged in series as a safety measure but the first seal exposed to pressure will take the full load.

•O-ring seals must be radially compressed between the bottom of the seal groove and the cylinder wall for proper sealing action. This compression may cause the seal to roll slightly in its groove under certain conditions of piston motion, but the rolling action is not necessary for normal operation of the seals.

•In either static or dynamic O-ring seals under high pressure the primary cause of seal failure are extrusion of the seal material into the piston-cylinder clearance. The major factors effecting extrusion are fluid pressure, seal hardness and strength, and piston-cylinder clearance.

•Dynamic seals may fail by abrasion against the cylinder or piston walls. Therefore, the contacting surfaces should be polished for long seal life. Moving seals that pass over ports or surface irregularities while under hydraulic pressure are very quickly cut or worn to failure.

•The shape of the seal groove is unimportant as long as it results in proper compression of the seal between the bottom of the groove and the cylinder wall, and provides room for the compressed material to flow so that the seal is not solidly confined between metal surfaces.

•The seal may be housed in a groove cut in the cylinder wall instead of on the piston surface without any change in design limitations or seal performance.

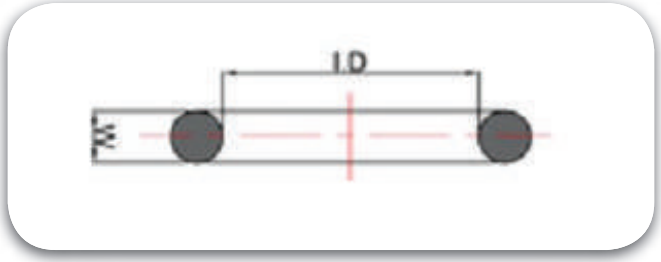
Surface Roughness:

Radial dynamic & static:

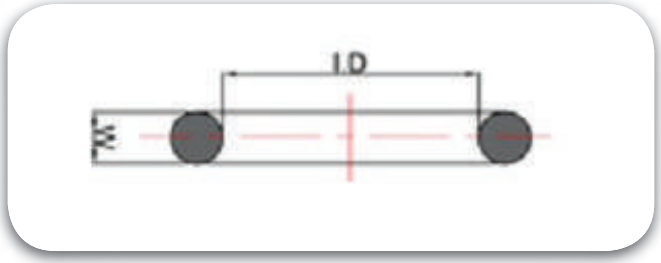
Rod/ Cylinder
Ra ≤ 0.2 – 0.8 µm (Rmax = 1.0 – 4.0 µm)
Groove surface static
Ra ≤ 1.50 – 4.0 µm (Rmax = 6 - 16 µm)
Groove surface dynamic/ pulsating pressure
Ra ≤ 1.5 – 2.5 µm (Rmax = 6 – 10 µm)

Axial static:

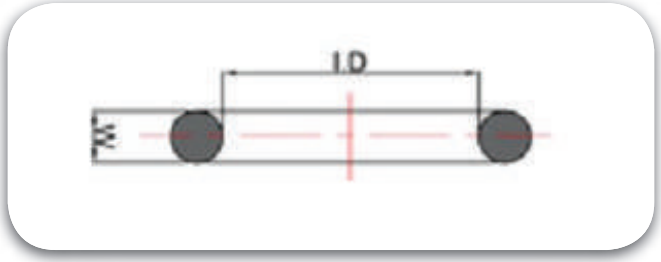
Groove surface
At pulsating pressures
Ra ≤ 1.5 – 2.5 µm (Rmax = 6 – 10 µm)
Ra ≤ 1.5 – 4.0 µm (Rmax = 6 - 16 µm)



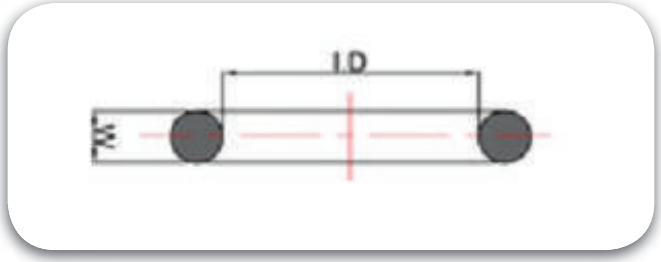
Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
1	1	0.74	0.1	1.02	0.08	0.01
2	902-1/2	1.78	0.1	1.02	0.08	0.01
3	2	1.07	0.1	1.27	0.08	0.01
4	3	1.42	0.1	1.52	0.08	0.02
5	4	1.78	0.1	1.78	0.08	0.03
6	5	2.57	0.1	1.78	0.08	0.03
7	6	2.9	0.13	1.78	0.08	0.04
8	7	3.68	0.13	1.78	0.08	0.04
9	8	4.47	0.13	1.78	0.08	0.05
10	9	5.28	0.13	1.78	0.08	0.06
11	10	6.07	0.13	1.78	0.08	0.06
12	11	7.65	0.13	1.78	0.08	0.07
13	12	9.25	0.13	1.78	0.08	0.09
14	13	10.82	0.13	1.78	0.08	0.10
15	14	12.42	0.13	1.78	0.08	0.11
16	15	14	0.18	1.78	0.08	0.12
17	16	15.6	0.23	1.78	0.08	0.14
18	17	17.17	0.23	1.78	0.08	0.15
19	18	18.77	0.23	1.78	0.08	0.16
20	19	20.35	0.23	1.78	0.08	0.17
21	20	21.95	0.23	1.78	0.08	0.19
22	21	23.52	0.23	1.78	0.08	0.20
23	22	25.12	0.25	1.78	0.08	0.21
24	23	26.7	0.25	1.78	0.08	0.22
25	24	28.3	0.25	1.78	0.08	0.23
26	25	29.87	0.28	1.78	0.08	0.25
27	26	31.47	0.28	1.78	0.08	0.26
28	27	33.05	0.28	1.78	0.08	0.27
29	28	34.65	0.33	1.78	0.08	0.28
30	29	37.82	0.33	1.78	0.08	0.31
31	30	41	0.33	1.78	0.08	0.33
32	31	44.17	0.38	1.78	0.08	0.36
33	32	47.35	0.38	1.78	0.08	0.38
34	33	50.52	0.46	1.78	0.08	0.41
35	34	53.7	0.46	1.78	0.08	0.43
36	35	56.87	0.46	1.78	0.08	0.46
37	36	60.05	0.46	1.78	0.08	0.48
38	37	63.22	0.46	1.78	0.08	0.51
39	38	66.4	0.51	1.78	0.08	0.53
40	39	69.57	0.51	1.78	0.08	0.56
41	40	72.75	0.51	1.78	0.08	0.58
42	41	75.92	0.61	1.78	0.08	0.61
43	42	82.27	0.61	1.78	0.08	0.66
44	43	88.62	0.61	1.78	0.08	0.71
45	44	94.97	0.69	1.78	0.08	0.75
46	45	101.32	0.69	1.78	0.08	0.81
47	46	107.67	0.76	1.78	0.08	0.85
48	47	114.02	0.76	1.78	0.08	0.90
49	48	120.37	0.76	1.78	0.08	0.95
50	49	126.72	0.94	1.78	0.08	1.00
51	50	133.07	0.94	1.78	0.08	1.05
52	102	1.24	0.13	2.62	0.08	0.07
53	103	2.06	0.13	2.62	0.08	0.08
54	104	2.84	0.13	2.62	0.08	0.09
55	105	3.63	0.13	2.62	0.08	0.11
56	106	4.42	0.13	2.62	0.08	0.12
57	107	5.23	0.13	2.62	0.08	0.13
58	108	6.02	0.13	2.62	0.08	0.15
59	109	7.59	0.13	2.62	0.08	0.17
60	110	9.19	0.13	2.62	0.08	0.2
61	111	10.77	0.13	2.62	0.08	0.23
62	112	12.37	0.13	2.62	0.08	0.25
63	113	13.94	0.18	2.62	0.08	0.28
64	114	15.54	0.23	2.62	0.08	0.31
65	115	17.12	0.23	2.62	0.08	0.33
66	116	18.72	0.23	2.62	0.08	0.36
67	117	20.29	0.25	2.62	0.08	0.39
68	118	21.89	0.25	2.62	0.08	0.42
69	119	23.47	0.25	2.62	0.08	0.44



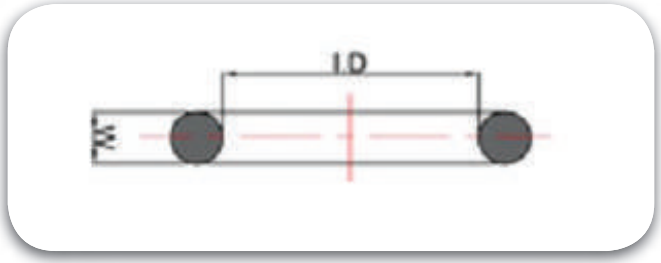
Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
70	120	25.07	0.25	2.62	0.08	0.47
71	121	26.64	0.25	2.62	0.08	0.50
72	122	28.24	0.25	2.62	0.08	0.52
73	123	29.82	0.3	2.62	0.08	0.55
74	124	31.42	0.3	2.62	0.08	0.58
75	125	32.99	0.3	2.62	0.08	0.60
76	126	34.59	0.3	2.62	0.08	0.63
77	127	36.17	0.3	2.62	0.08	0.66
78	128	37.77	0.3	2.62	0.08	0.68
79	129	39.34	0.38	2.62	0.08	0.71
80	130	40.94	0.38	2.62	0.08	0.74
81	131	42.52	0.38	2.62	0.08	0.76
82	132	44.12	0.38	2.62	0.08	0.79
83	133	45.69	0.38	2.62	0.08	0.82
84	134	47.29	0.38	2.62	0.08	0.84
85	135	48.9	0.43	2.62	0.08	0.87
86	136	50.47	0.43	2.62	0.08	0.90
87	137	52.07	0.43	2.62	0.08	0.92
88	138	53.64	0.43	2.62	0.08	0.95
89	139	55.25	0.43	2.62	0.08	0.98
90	140	56.82	0.43	2.62	0.08	1.00
91	141	58.42	0.51	2.62	0.08	1.03
92	142	59.99	0.51	2.62	0.08	1.06
93	143	61.6	0.51	2.62	0.08	1.09
94	144	63.17	0.51	2.62	0.08	1.11
95	145	64.77	0.51	2.62	0.08	1.14
96	146	66.34	0.51	2.62	0.08	1.17
97	147	67.95	0.56	2.62	0.08	1.19
98	148	69.52	0.56	2.62	0.08	1.22
99	149	71.12	0.56	2.62	0.08	1.25
100	150	72.69	0.56	2.62	0.08	1.27
101	151	75.87	0.61	2.62	0.08	1.33
102	152	82.22	0.61	2.62	0.08	1.43
103	153	88.57	0.61	2.62	0.08	1.54
104	154	94.92	0.71	2.62	0.08	1.65
105	155	101.27	0.71	2.62	0.08	1.76
106	156	107.62	0.76	2.62	0.08	1.86
107	157	113.97	0.76	2.62	0.08	1.97
108	158	120.32	0.76	2.62	0.08	2.08
109	159	126.67	0.89	2.62	0.08	2.18
110	160	133.02	0.89	2.62	0.08	2.29
111	161	139.37	0.89	2.62	0.08	2.40
112	162	145.72	0.89	2.62	0.08	2.51
113	163	152.07	0.89	2.62	0.08	2.61
114	164	158.42	1.02	2.62	0.08	2.72
115	165	164.77	1.02	2.62	0.08	2.83
116	166	171.12	1.02	2.62	0.08	2.93
117	167	177.47	1.02	2.62	0.08	3.04
118	168	183.82	1.14	2.62	0.08	3.15
119	169	190.17	1.14	2.62	0.08	3.25
120	170	196.52	1.14	2.62	0.08	3.36
121	171	202.87	1.14	2.62	0.08	3.47
122	172	209.22	1.27	2.62	0.08	3.58
123	173	215.57	1.27	2.62	0.08	3.68
124	174	221.92	1.27	2.62	0.08	3.79
125	175	228.27	1.27	2.62	0.08	3.90
126	176	234.62	1.4	2.62	0.08	4.00
127	177	240.97	1.4	2.62	0.08	4.11
128	178	247.32	1.4	2.62	0.08	4.22
129	201	4.34	0.13	3.53	0.1	0.24
130	202	5.94	0.13	3.53	0.1	0.29
131	203	7.52	0.13	3.53	0.1	0.34
132	204	9.12	0.13	3.53	0.1	0.39
133	205	10.69	0.13	3.53	0.1	0.44
134	206	12.29	0.13	3.53	0.1	0.49
135	207	13.87	0.18	3.53	0.1	0.54
136	208	15.47	0.23	3.53	0.1	0.58
137	209	17.04	0.23	3.53	0.1	0.63
138	210	18.64	0.25	3.53	0.1	0.68



Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
139	211	20.22	0.25	3.53	0.1	0.73
140	212	21.82	0.25	3.53	0.1	0.78
141	213	23.39	0.25	3.53	0.1	0.83
142	214	24.99	0.25	3.53	0.1	0.88
143	215	26.57	0.25	3.53	0.1	0.93
144	216	28.17	0.3	3.53	0.1	0.98
145	217	29.74	0.3	3.53	0.1	1.02
146	218	31.34	0.3	3.53	0.1	1.08
147	219	32.92	0.3	3.53	0.1	1.12
148	220	34.52	0.3	3.53	0.1	1.17
149	221	36.09	0.3	3.53	0.1	1.22
150	222	37.69	0.38	3.53	0.1	1.26
151	223	40.87	0.38	3.53	0.1	1.37
152	224	44.04	0.38	3.53	0.1	1.46
153	225	47.22	0.46	3.53	0.1	1.56
154	226	50.39	0.46	3.53	0.1	1.66
155	227	53.57	0.46	3.53	0.1	1.76
156	228	56.74	0.51	3.53	0.1	1.85
157	229	59.92	0.51	3.53	0.1	1.95
158	230	63.09	0.51	3.53	0.1	2.05
159	231	66.27	0.51	3.53	0.1	2.15
160	232	69.44	0.61	3.53	0.1	2.25
161	233	72.62	0.61	3.53	0.1	2.34
162	234	75.79	0.61	3.53	0.1	2.44
163	235	78.97	0.61	3.53	0.1	2.54
164	236	82.14	0.61	3.53	0.1	2.64
165	237	85.32	0.61	3.53	0.1	2.73
166	238	88.49	0.61	3.53	0.1	2.83
167	239	91.67	0.71	3.53	0.1	2.93
168	240	94.84	0.71	3.53	0.1	3.03
169	241	98.02	0.71	3.53	0.1	3.12
170	242	101.19	0.71	3.53	0.1	3.22
171	243	104.37	0.71	3.53	0.1	3.32
172	244	107.54	0.76	3.53	0.1	3.42
173	245	110.72	0.76	3.53	0.1	3.51
174	246	113.89	0.76	3.53	0.1	3.61
175	247	117.07	0.76	3.53	0.1	3.71
176	248	120.24	0.76	3.53	0.1	3.81
177	249	123.42	0.89	3.53	0.1	3.91
178	250	126.59	0.89	3.53	0.1	4.00
179	251	129.77	0.89	3.53	0.1	4.10
180	252	132.94	0.89	3.53	0.1	4.20
181	253	136.12	0.89	3.53	0.1	4.30
182	254	139.29	0.89	3.53	0.1	4.39
183	255	142.47	0.89	3.53	0.1	4.49
184	256	145.64	0.89	3.53	0.1	4.59
185	257	148.82	0.89	3.53	0.1	4.69
186	258	151.99	0.89	3.53	0.1	4.78
187	259	158.34	1.02	3.53	0.1	4.98
188	260	164.69	1.02	3.53	0.1	5.17
189	261	171.04	1.02	3.53	0.1	5.37
190	262	177.39	1.02	3.53	0.1	5.57
191	263	183.74	1.14	3.53	0.1	5.76
192	264	190.09	1.14	3.53	0.1	5.96
193	265	196.44	1.14	3.53	0.1	6.15
194	266	202.79	1.14	3.53	0.1	6.35
195	267	209.14	1.27	3.53	0.1	6.54
196	268	215.49	1.27	3.53	0.1	6.74
197	269	221.84	1.27	3.53	0.1	6.93
198	270	228.19	1.27	3.53	0.1	7.13
199	271	234.54	1.4	3.53	0.1	7.32
200	272	240.89	1.4	3.53	0.1	7.52
201	273	247.24	1.4	3.53	0.1	7.72
202	274	253.59	1.4	3.53	0.1	7.91
203	275	266.29	1.4	3.53	0.1	8.3
204	276	278.99	1.65	3.53	0.1	8.69
205	277	291.69	1.65	3.53	0.1	9.08
206	278	304.39	1.65	3.53	0.1	9.47
207	279	329.79	1.65	3.53	0.1	10.25



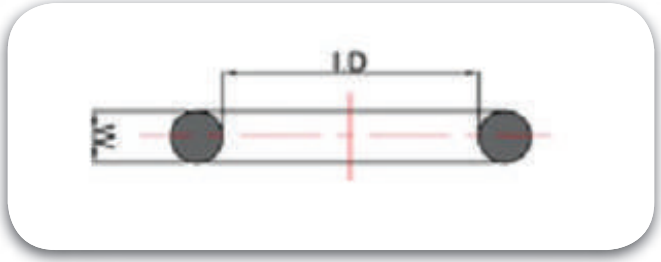
Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
208	280	355.19	1.65	3.53	0.1	11.10
209	281	380.59	1.65	3.53	0.1	11.82
210	282	405.26	1.9	3.53	0.1	12.58
211	283	430.66	2.16	3.53	0.1	13.37
212	284	456.06	2.42	3.53	0.1	14.14
213	309	10.46	0.13	5.33	0.13	1.11
214	310	12.07	0.13	5.33	0.13	1.22
215	311	13.64	0.18	5.33	0.13	1.33
216	312	15.24	0.23	5.33	0.13	1.44
217	313	16.81	0.23	5.33	0.13	1.55
218	314	18.42	0.25	5.33	0.13	1.67
219	315	19.99	0.25	5.33	0.13	1.78
220	316	21.59	0.25	5.33	0.13	1.89
221	317	23.16	0.25	5.33	0.13	2.00
222	318	24.77	0.25	5.33	0.13	2.11
223	319	26.34	0.25	5.33	0.13	2.22
224	320	27.94	0.3	5.33	0.13	2.33
225	321	29.51	0.3	5.33	0.13	2.44
226	322	31.12	0.3	5.33	0.13	2.56
227	323	32.69	0.3	5.33	0.13	2.67
228	324	34.29	0.3	5.33	0.13	2.78
229	325	37.47	0.38	5.33	0.13	3.00
230	326	40.64	0.38	5.33	0.13	3.23
231	327	43.82	0.38	5.33	0.13	3.45
232	328	46.99	0.38	5.33	0.13	3.68
233	329	50.17	0.46	5.33	0.13	3.90
234	330	53.34	0.46	5.33	0.13	4.12
235	331	56.52	0.46	5.33	0.13	4.34
236	332	59.69	0.46	5.33	0.13	4.57
237	333	62.87	0.51	5.33	0.13	4.79
238	334	66.04	0.51	5.33	0.13	5.01
239	335	69.22	0.51	5.33	0.13	5.24
240	336	72.39	0.51	5.33	0.13	5.46
241	337	75.57	0.61	5.33	0.13	5.68
242	338	78.74	0.61	5.33	0.13	5.90
243	339	81.92	0.61	5.33	0.13	6.13
244	340	85.09	0.61	5.33	0.13	6.35
245	341	88.27	0.61	5.33	0.13	6.57
246	342	91.44	0.71	5.33	0.13	6.80
247	343	94.62	0.71	5.33	0.13	7.02
248	344	97.79	0.71	5.33	0.13	7.24
249	345	100.97	0.71	5.33	0.13	7.46
250	346	104.14	0.71	5.33	0.13	7.69
251	347	107.32	0.76	5.33	0.13	7.91
252	348	110.49	0.76	5.33	0.13	8.13
253	349	113.67	0.76	5.33	0.13	8.36
254	350	116.84	0.76	5.33	0.13	8.59
255	351	120.02	0.76	5.33	0.13	8.82
256	352	123.19	0.76	5.33	0.13	9.04
257	353	126.37	0.94	5.33	0.13	9.26
258	354	129.54	0.94	5.33	0.13	9.49
259	355	132.72	0.94	5.33	0.13	9.71
260	356	135.89	0.94	5.33	0.13	9.93
261	357	139.07	0.94	5.33	0.13	10.16
262	358	142.24	0.94	5.33	0.13	10.38
263	359	145.42	0.94	5.33	0.13	10.60
264	360	148.49	0.94	5.33	0.13	10.83
265	361	151.77	0.94	5.33	0.13	11.05
266	362	158.12	1.02	5.33	0.13	11.50
267	363	164.47	1.02	5.33	0.13	11.94
268	364	170.82	1.02	5.33	0.13	12.39
269	365	177.17	1.02	5.33	0.13	12.84
270	366	183.52	1.14	5.33	0.13	13.28
271	367	189.87	1.14	5.33	0.13	13.73
272	368	196.22	1.14	5.33	0.13	14.18
273	369	202.57	1.14	5.33	0.13	14.62
274	370	208.92	1.3	5.33	0.13	15.07
275	371	215.27	1.3	5.33	0.13	15.52
276	372	221.62	1.3	5.33	0.13	15.90



Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
277	373	227.97	1.3	5.33	0.13	16.41
278	374	234.32	1.4	5.33	0.13	16.86
279	375	240.67	1.4	5.33	0.13	17.30
280	376	247.02	1.4	5.33	0.13	17.75
281	377	253.37	1.4	5.33	0.13	18.20
282	378	266.07	1.52	5.33	0.13	19.09
283	379	278.77	1.52	5.33	0.13	19.98
284	380	291.47	1.65	5.33	0.13	20.88
285	381	304.17	1.65	5.33	0.13	21.77
286	382	329.57	1.65	5.33	0.13	23.56
287	383	354.97	1.78	5.33	0.13	25.34
288	384	380.37	1.78	5.33	0.13	27.13
289	385	405.26	1.9	5.33	0.13	28.88
290	386	430.66	2.03	5.33	0.13	30.67
291	387	456.06	2.15	5.33	0.13	32.45
292	388	481.38	2.25	5.33	0.13	34.24
293	389	506.78	2.41	5.33	0.13	36.03
294	390	532.18	2.41	5.33	0.13	37.81
295	391	557.58	2.55	5.33	0.13	39.60
296	392	582.68	2.65	5.33	0.13	41.36
297	393	608.08	2.8	5.33	0.13	43.15
298	394	633.48	2.9	5.33	0.13	44.93
299	395	658.88	3.05	5.33	0.13	46.72

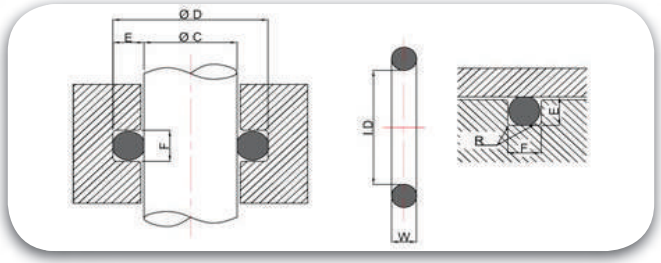
Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
300	425	113.67	0.84	7	0.15	14.53
301	426	116.84	0.84	7	0.15	14.91
302	427	120.02	0.84	7	0.15	15.29
303	428	123.19	0.84	7	0.15	15.67
304	429	126.37	0.94	7	0.15	16.06
305	430	129.54	0.94	7	0.15	16.44
306	431	132.72	0.94	7	0.15	16.82
307	432	135.89	0.94	7	0.15	17.20
308	433	139.07	0.94	7	0.15	17.59
309	434	142.24	0.94	7	0.15	17.97
310	435	145.42	0.94	7	0.15	18.35
311	436	148.59	0.94	7	0.15	18.73
312	437	151.77	0.94	7	0.15	19.11
313	438	158.12	1.02	7	0.15	19.88
314	439	164.47	1.02	7	0.15	20.64
315	440	170.82	1.02	7	0.15	21.41
316	441	177.17	1.02	7	0.15	22.17
317	442	183.52	1.14	7	0.15	22.94
318	443	189.87	1.14	7	0.15	23.70
319	444	196.22	1.14	7	0.15	24.47
320	445	202.57	1.14	7	0.15	25.23
321	446	215.27	1.4	7	0.15	26.76
322	447	227.97	1.4	7	0.15	28.29

Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
323	448	240.67	1.4	7	0.15	29.82
324	449	253.37	1.4	7	0.15	31.35
325	450	266.07	1.52	7	0.15	32.88
326	451	278.77	1.52	7	0.15	34.41
327	452	291.47	1.52	7	0.15	35.94
328	453	304.17	1.52	7	0.15	37.46
329	454	316.87	1.52	7	0.15	38.99
330	455	329.57	1.52	7	0.15	40.52
331	456	342.27	1.78	7	0.15	42.05
332	457	354.97	1.78	7	0.15	43.58
333	458	367.67	1.78	7	0.15	45.11
334	459	380.37	1.78	7	0.15	46.64
335	460	393.07	1.78	7	0.15	48.17
336	461	405.26	1.9	7	0.15	49.74
337	462	417.96	1.9	7	0.15	51.28
338	463	430.66	2.05	7	0.15	52.81
339	464	443.36	2.15	7	0.15	54.34
340	465	456.06	2.15	7	0.15	55.87
341	466	468.76	2.15	7	0.15	57.41
342	467	481.46	2.29	7	0.15	58.94
343	468	494.16	2.29	7	0.15	60.47
344	469	506.86	2.41	7	0.15	62.00
345	470	532.26	2.41	7	0.15	65.07

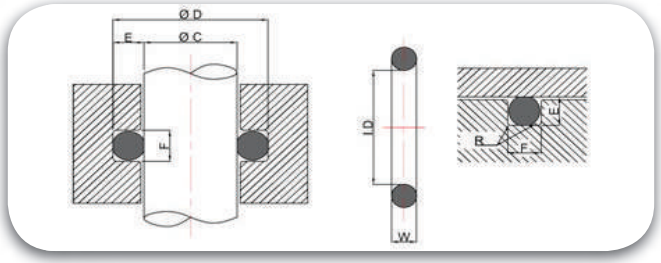


Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
346	471	557.66	2.55	7	0.15	68.13
347	472	582.68	2.65	7	0.15	71.15
348	473	608.08	2.8	7	0.15	74.22
349	474	633.48	2.9	7	0.15	77.28
350	475	658.88	3.05	7	0.15	80.35
351	901	4.7	0.13	1.42	0.08	-
352	902	6.07	0.13	1.63	0.08	-
353	903	7.65	0.13	1.63	0.08	-
354	904	8.92	0.13	1.83	0.08	-
355	905	10.52	0.13	1.83	0.08	-
356	906	11.89	0.13	1.98	0.08	-
357	907	13.46	0.13	2.08	0.08	-
358	908	16.36	0.23	2.2	0.08	-
359	909	17.93	0.23	2.46	0.08	-
360	910	19.18	0.23	2.46	0.08	-
361	911	21.92	0.23	2.95	0.1	-
362	912	23.47	0.23	2.95	0.1	-
363	913	25.04	0.25	2.95	0.1	-
364	914	26.62	0.25	2.95	0.1	-
365	916	29.74	0.25	2.95	0.1	-
366	918	34.42	0.3	2.95	0.1	-
367	920	37.47	0.36	3	0.1	-
368	924	43.69	0.36	3	0.1	-
369	928	53.09	0.46	3	0.1	-

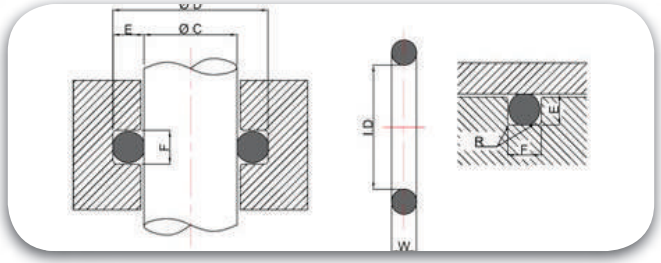
Sr. No.	ARP Sizes	Inner Dia ID	Tol ±	Cross Section W	Tol ±	VOL cm^3
370	932	59.36	0.46	3	0.1	-
371	ASA 100	545.47	2.55	7	-	-
372	ASA 104	596.27	2.8	7	-	-
373	ASA 108	647.07	3.05	7	-	-



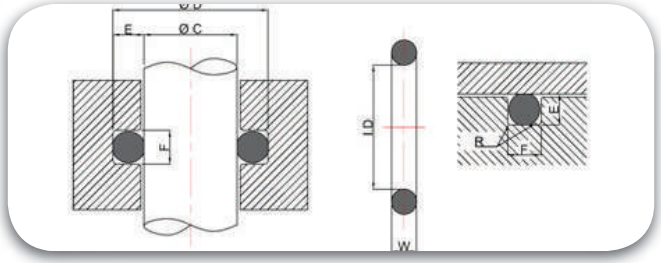
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
0.8	1	0.74	0.1	1.02	0.08	2.4	0.05	1.4	NA	NA	0.2	0.2	OME00074 0102 T571
1	2	1.07	0.1	1.27	0.08	3	0.05	1.8	NA	NA	0.2	0.2	OME00107 0127 T571
1.5	3	1.42	0.1	1.52	0.08	3.9	0.05	1.9	2.9	3.9	0.2	0.2	OME00142 0152 T571
	102	1.24	0.1	2.62	0.08	6	0.1	3.1	4.5	5.9	0.6	0.3	OME00124 0262 T571
2	902 1/2	1.78	0.1	1.02	0.08	3.6	0.05	1.4	NA	NA	0.2	0.2	OME00178 0102 T571
	4	1.78	0.13	1.78	0.08	4.9	0.05	2.2	3.6	5	0.4	0.2	OME00178 0178 T571
	103	2.06	0.13	2.62	0.08	6.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00206 0262 T571
2.5	5	2.57	0.13	1.78	0.08	5.4	0.05	2.2	3.6	5	0.4	0.2	OME00257 0178 T571
3	6	2.9	0.13	1.78	0.08	5.9	0.05	2.2	3.6	5	0.4	0.2	OME00290 0178 T571
	104	2.84	0.13	2.62	0.08	7.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00284 0262 T571
4	7	3.68	0.13	1.78	0.08	6.9	0.05	2.2	3.6	5	0.4	0.2	OME00368 0178 T571
	105	3.63	0.13	2.62	0.08	8.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00363 0262 T571
	201	4.34	0.18	3.53	0.1	10.2	0.1	4.2	5.6	7	1	0.4	OME00434 0353 T571
5	8	4.47	0.13	1.78	0.08	7.9	0.05	2.2	3.6	5	0.4	0.2	OME00447 0178 T571
	106	4.42	0.13	2.62	0.08	9.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00442 0262 T571
5.5	9	5.28	0.13	1.78	0.08	8.4	0.05	2.2	3.6	5	0.4	0.2	OME00528 0178 T571
	107	5.23	0.13	2.62	0.08	10	0.1	3.1	4.5	5.9	0.6	0.3	OME00523 0262 T571
6	10	6.07	0.13	1.78	0.08	8.9	0.05	2.2	3.6	5	0.4	0.2	OME00607 0178 T571
	108	6.02	0.13	2.62	0.08	10.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00602 0262 T571
	202	5.94	0.18	3.53	0.1	12.2	0.1	4.2	5.6	7	1	0.4	OME00594 0353 T571
8	11	7.65	0.13	1.78	0.08	10.9	0.05	2.2	3.6	5	0.4	0.2	OME00765 0178 T571



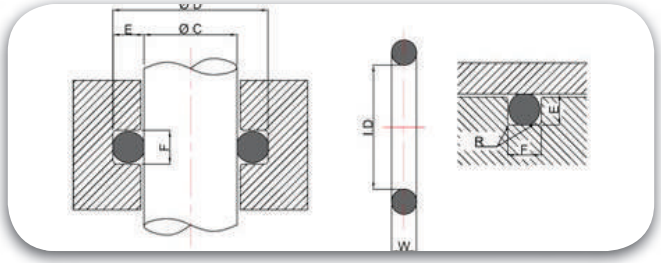
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	109	7.59	0.13	2.62	0.08	12.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00759 0262 T571
	203	7.52	0.18	3.53	1	14.2	0.1	4.2	5.6	7	1	0.4	OME00752 0353 T571
9	12	9.25	0.13	1.78	0.08	11.9	0.05	2.2	3.6	5	0.4	0.2	OME00925 0178 T571
	110	9.19	0.13	2.62	0.08	13.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00919 0262 T571
	204	9.12	0.18	3.53	1	15.2	0.1	4.2	5.6	7	1	0.4	OME00912 0353 T571
10	13	10.82	0.13	1.78	0.08	12.9	0.05	2.2	3.6	5	0.4	0.2	OME01082 0178 T571
	111	10.77	0.13	2.62	0.08	14.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01077 0262 T571
	205	10.69	0.18	3.53	0.1	16.2	0.1	4.2	5.6	7	1	0.4	OME01069 0353 T571
	309	10.46	0.18	5.33	0.13	19.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01046 0533 T571
12	14	12.42	0.13	1.78	0.08	14.9	0.05	2.2	3.6	5	0.4	0.2	OME01242 0178 T571
	112	12.37	0.13	2.62	0.08	16.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01237 0262 T571
	206	12.29	0.18	3.53	0.1	18.2	0.1	4.2	5.6	7	1	0.4	OME01229 0353 T571
	310	12.07	0.18	5.33	0.13	21.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01207 0533 T571
14	15	14	0.18	1.78	0.08	16.9	0.05	2.2	3.6	5	0.4	0.2	OME01400 0178 T571
	113	13.94	0.13	2.62	0.08	18.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01394 0262 T571
	207	13.87	0.18	3.53	0.1	20.2	0.1	4.2	5.6	7	1	0.4	OME01387 0353 T571
	311	13.64	0.18	5.33	0.13	23.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01364 0533 T571
15	16	15.6	0.23	1.78	0.08	17.9	0.05	2.2	3.6	5	0.4	0.2	OME01560 0178 T571
	114	15.54	0.23	2.62	0.08	19.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01554 0262 T571
	208	15.47	0.18	3.53	0.1	21.2	0.1	4.2	5.6	7	1	0.4	OME01547 0353 T571
	312	15.24	0.18	5.33	0.13	24.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01524 0533 T571



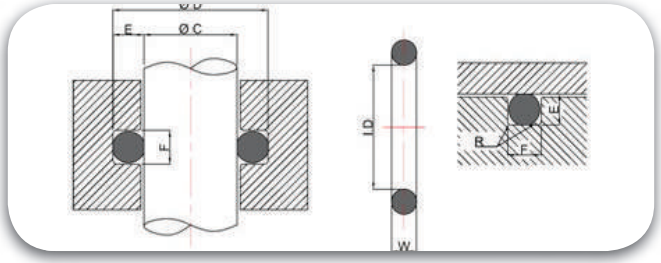
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
16	16	15.6	0.23	1.78	0.08	18.9	0.05	2.2	3.6	5	0.4	0.2	OME01560 0178 T571
	114	15.54	0.23	2.62	0.08	20.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01554 0262 T571
	208	15.47	0.18	3.53	0.1	22.2	0.1	4.2	5.6	7	1	0.4	OME01547 0353 T571
	313	16.81	0.18	5.33	0.13	25.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01681 0533 T571
17	17	17.17	0.23	1.78	0.08	19.9	0.05	2.2	3.6	5	0.4	0.2	OME01717 0178 T571
	115	17.12	0.23	2.62	0.08	21.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01712 0262 T571
	209	17.04	0.18	3.53	0.1	23.2	0.1	4.2	5.6	7	1	0.4	OME01704 0353 T571
	313	16.81	0.18	5.33	0.13	26.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01681 0533 T571
18	18	18.77	0.23	1.78	0.08	20.9	0.05	2.2	3.6	5	0.4	0.2	OME01877 0178 T571
	116	18.72	0.23	2.62	0.08	22.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01872 0262 T571
	210	18.64	0.25	3.53	0.1	24.2	0.1	4.2	5.6	7	1	0.4	OME01864 0353 T571
	314	18.42	0.18	5.33	0.13	27.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01842 0533 T571
20	19	20.35	0.23	1.78	0.08	22.9	0.05	2.2	3.6	5	0.4	0.2	OME02035 0178 T571
	117	20.29	0.25	2.62	0.08	24.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02029 0262 T571
	211	20.22	0.25	3.53	0.1	26.2	0.1	4.2	5.6	7	1	0.4	OME02022 0353 T571
	315	19.99	0.25	5.33	0.13	29.4	0.15	6.2	7.9	9.6	1.2	0.6	OME01999 0533 T571
22	20	21.95	0.23	1.78	0.08	24.9	0.05	2.2	3.6	5	0.4	0.2	OME02195 0178 T571
	118	21.89	0.25	2.62	0.08	26.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02189 0262 T571
	212	21.82	0.25	3.53	0.1	28.2	0.1	4.2	5.6	7	1	0.4	OME02182 0353 T571
	316	21.59	0.25	5.33	0.13	31.4	0.15	6.2	7.9	9.6	1.2	0.6	OME02159 0533 T571
23	21	23.52	0.23	1.78	0.08	25.9	0.05	2.2	3.6	5	0.4	0.2	OME02352 0178 T571



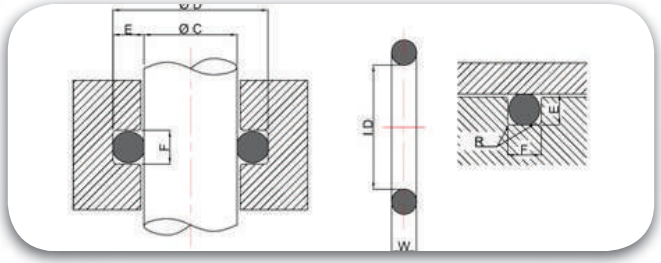
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	119	23.47	0.25	2.62	0.08	27.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02347 0262 T571
	213	23.39	0.25	3.53	0.1	29.2	0.1	4.2	5.6	7	1	0.4	OME02339 0353 T571
	317	23.16	0.25	5.33	0.13	32.4	0.15	6.2	7.9	9.6	1.2	0.6	OME02316 0533 T571
25	22	25.12	0.25	1.78	0.08	27.9	0.05	2.2	3.6	5	0.4	0.2	OME02512 0178 T571
	120	25.07	0.25	2.62	0.08	29.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02507 0262 T571
	214	24.99	0.25	3.53	0.1	31.2	0.1	4.2	5.6	7	1	0.4	OME02499 0353 T571
	318	24.77	0.25	5.33	0.13	33.4	0.15	6.2	7.9	9.6	1.2	0.6	OME02477 0533 T571
27	23	26.7	0.25	1.78	0.08	29.9	0.05	2.2	3.6	5	0.4	0.2	OME02670 0178 T571
	121	26.64	0.25	2.62	0.08	31.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02664 0262 T571
	215	26.57	0.25	3.53	0.1	33.2	0.1	4.2	5.6	7	1	0.4	OME02657 0353 T571
	319	26.34	0.25	5.33	0.13	36.4	0.15	6.2	7.9	9.6	1.2	0.6	OME02634 0533 T571
28	24	28.3	0.25	1.78	0.08	30.9	0.05	2.2	3.6	5	0.4	0.2	OME02830 0178 T571
	122	28.24	0.25	2.62	0.08	32.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02824 0262 T571
	216	28.17	0.25	3.53	0.1	34.2	0.1	4.2	5.6	7	1	0.4	OME02817 0353 T571
	320	27.94	0.25	5.33	0.13	37.4	0.15	6.2	7.9	9.6	1.2	0.6	OME02794 0533 T571
30	25	29.87	0.28	1.78	0.08	32.9	0.05	2.2	3.6	5	0.4	0.2	OME02987 0178 T571
	123	29.82	0.25	2.62	0.08	34.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02982 0262 T571
	217	29.74	0.3	3.53	0.1	36.2	0.1	4.2	5.6	7	1	0.4	OME02974 0353 T571
	321	29.51	0.25	5.33	0.13	39.4	0.15	6.2	7.9	9.6	1.2	0.6	OME02951 0533 T571
31	26	31.47	0.28	1.78	0.08	33.9	0.05	2.2	3.6	5	0.4	0.2	OME03147 0178 T571
	124	31.42	0.3	2.62	0.08	35.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03142 0262 T571



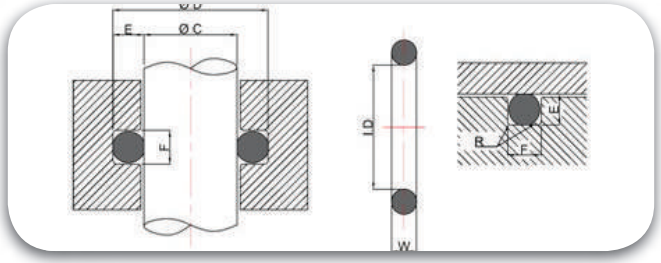
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	218	31.34	0.3	3.53	0.1	37.2	0.1	4.2	5.6	7	1	0.4	OME03134 0353 T571
	322	31.12	0.25	5.33	0.13	40.4	0.15	6.2	7.9	9.6	1.2	0.6	OME03112 0533 T571
32	27	33.05	0.28	1.78	0.08	34.9	0.05	2.2	3.6	5	0.4	0.2	OME03305 0178 T571
	125	32.99	0.3	2.62	0.08	36.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03299 0262 T571
	219	32.92	0.3	3.53	0.1	38.2	0.1	4.2	5.6	7	1	0.4	OME03292 0353 T571
	323	32.69	0.25	5.33	0.13	41.4	0.15	6.2	7.9	9.6	1.2	0.6	OME03269 0533 T571
35	28	34.65	0.33	1.78	0.08	37.9	0.05	2.2	3.6	5	0.4	0.2	OME03465 0178 T571
	126	34.59	0.3	2.62	0.08	39.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03459 0262 T571
	220	34.52	0.3	3.53	0.1	41.2	0.1	4.2	5.6	7	1	0.4	OME03452 0353 T571
	324	34.29	0.25	5.33	0.13	44.4	0.15	6.2	7.9	9.6	1.2	0.6	OME03429 0533 T571
36	127	36.17	0	2.62	0.08	40.5	0.1	3.1	3.6	5.9	0.6	0.3	OME03617 0262 T571
	221	36.09	0.3	3.53	0.1	42.2	0.1	4.2	5.6	7	1	0.4	OME03609 0353 T571
	325	37.47	0.38	5.33	0.13	45.4	0.15	6.2	7.9	9.6	1.2	0.6	OME03747 0533 T571
38	29	37.82	0.33	1.78	0.08	40.9	0.05	2.2	3.6	5	0.4	0.2	OME03782 0178 T571
	128	37.77	0.3	2.62	0.08	42.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03777 0262 T571
	222	37.69	0.38	3.53	0.1	44.2	0.1	4.2	5.6	7	1	0.4	OME03769 0353 T571
	325	37.47	0.38	5.33	0.13	47.4	0.15	6.2	7.9	9.6	1.2	0.6	OME03747 0533 T571
40	30	41	0.33	1.78	0.08	42.9	0.05	2.2	3.6	5	0.4	0.2	OME04100 0178 T571
	129	39.34	0.38	2.62	0.08	44.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03934 0262 T571
	223	40.87	0.38	3.53	0.1	46.2	0.1	4.2	5.6	7	1	0.4	OME04087 0353 T571
	326	40.64	0.38	5.33	0.13	49.4	0.15	6.2	7.9	9.6	1.2	0.6	OME04064 0533 T571



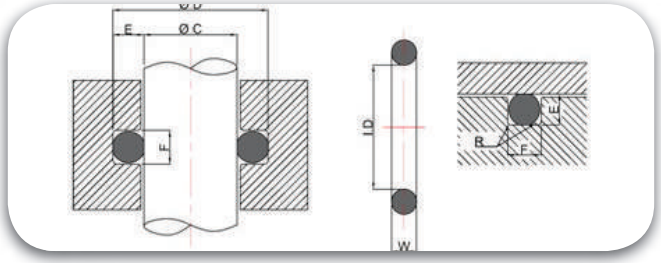
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
42	131	42.52	0.38	2.62	0.08	46.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04252 0262 T571
	327	43.82	0.38	5.33	0.13	51.4	0.15	6.2	7.9	9.6	1.2	0.6	OME04382 0533 T571
44	31	44.17	0.38	1.78	0.08	46.9	0.05	2.2	3.6	5	0.4	0.2	OME04417 0178 T571
	132	44.12	0.38	2.62	0.08	48.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04412 0262 T571
	224	44.04	0.38	3.53	0.1	50.2	0.1	4.2	5.6	7	1	0.4	OME04404 0353 T571
	327	43.82	0.38	5.33	0.13	53.4	0.15	6.2	7.9	9.6	1.2	0.6	OME04382 0533 T571
45	133	45.69	0.38	2.62	0.08	49.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04569 0262 T571
	224	44.04	0.38	3.53	0.1	51.2	0.1	4.2	5.6	7	1	0.4	OME04404 0353 T571
	328	47	0.38	5.33	0.13	54.4	0.15	6.2	7.9	9.6	1.2	0.6	OME04700 0533 T571
47	32	47.35	0.38	1.78	0.08	49.9	0.05	2.2	3.6	5	0.4	0.2	OME04735 0178 T571
	134	47.29	0.38	2.62	0.08	51.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04729 0262 T571
	225	47.22	0.46	3.53	0.1	53.2	0.1	4.2	5.6	7	1	0.4	OME04722 0353 T571
	328	47	0.38	5.33	0.13	56.4	0.15	6.2	7.9	9.6	1.2	0.6	OME04700 0533 T571
50	33	50.52	0.46	1.78	0.08	52.9	0.05	2.2	3.6	5	0.4	0.2	OME05052 0178 T571
	136	50.47	0.43	2.62	0.08	54.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05047 0262 T571
	226	50.39	0.46	3.53	0.1	56.2	0.1	4.2	5.6	7	1	0.4	OME05039 0353 T571
	329	50.17	0.46	5.33	0.13	59.4	0.15	6.2	7.9	9.6	1.2	0.6	OME05017 0533 T571
54	34	53.7	0.46	1.78	0.08	56.9	0.05	2.2	3.6	5	0.4	0.2	OME05370 0178 T571
	138	53.64	0.43	2.62	0.08	58.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05364 0262 T571
	227	53.57	0.46	3.53	0.1	60.2	0.1	4.2	5.6	7	1	0.4	OME05357 0353 T571
	330	53.34	0.46	5.33	0.13	63.4	0.15	6.2	7.9	9.6	1.2	0.6	OME05334 0533 T571



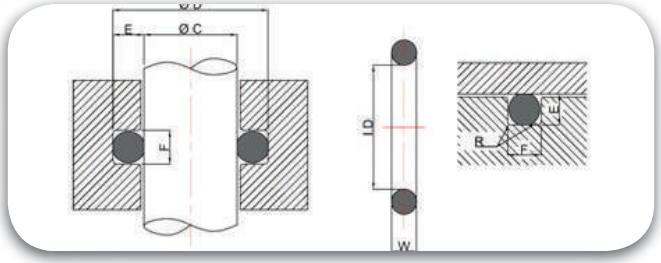
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
55	139	55.25	0.43	2.62	0.08	59.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05525 0262 T571
	227	53.57	0.46	3.53	0.1	61.2	0.1	4.2	5.6	7	1	0.4	OME05357 0353 T571
	331	56.52	0.46	5.33	0.13	64.4	0.15	6.2	7.9	9.6	1.2	0.6	OME05652 0533 T571
56	35	56.87	0.46	1.78	0.08	58.9	0.05	2.2	3.6	5	0.4	0.2	OME05687 0178 T571
	140	56.82	0.47	2.62	0.08	60.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05682 0262 T571
	228	56.74	0.51	3.53	0.1	62.2	0.1	4.2	5.6	7	1	0.4	OME05674 0353 T571
	331	56.52	0.46	5.33	0.13	65.4	0.15	6.2	7.9	9.6	1.2	0.6	OME05652 0533 T571
60	36	60.05	0.46	1.78	0.08	62.9	0.05	2.2	3.6	5	0.4	0.2	OME06005 0178 T571
	142	59.99	0.51	2.62	0.08	64.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05999 0262 T571
	229	59.92	0.51	3.53	0.1	66.2	0.1	4.2	5.6	7	1	0.4	OME05992 0353 T571
	332	59.69	0.46	5.33	0.13	69.4	0.15	6.2	7.9	9.6	1.2	0.6	OME05969 0533 T571
63	37	63.22	0.46	1.78	0.08	65.9	0.05	2.2	3.6	5	0.4	0.2	OME06322 0178 T571
	144	63.17	0.51	2.62	0.08	67.5	0.1	3.1	4.5	5.9	0.6	0.3	OME06317 0262 T571
	230	63.07	0.51	3.53	0.1	69.2	0.1	4.2	5.6	7	1	0.4	OME06307 0353 T571
	333	62.87	0.51	5.33	0.13	72.4	0.15	6.2	7.9	9.6	1.2	0.6	OME06287 0533 T571
65	145	64.77	0.51	2.62	0.08	69.5	0.1	3.1	4.5	5.9	0.6	0.3	OME06477 0262 T571
	231	66.27	0.51	3.53	0.1	71.2	0.1	4.2	5.6	7	1	0.4	OME06627 0353 T571
	334	66.04	0.51	5.33	0.13	74.4	0.15	6.2	7.9	9.6	1.2	0.6	OME06604 0533 T571
66	38	66.4	0.51	1.78	0.08	68.9	0.05	2.2	3.6	5	0.4	0.2	OME06640 0178 T571
	146	66.34	0.51	2.62	0.08	70.5	0.1	3.1	4.5	5.9	0.6	0.3	OME06634 0262 T571
	231	66.27	0.51	3.53	0.1	72.2	0.1	4.2	5.6	7	1	0.4	OME06627 0353 T571



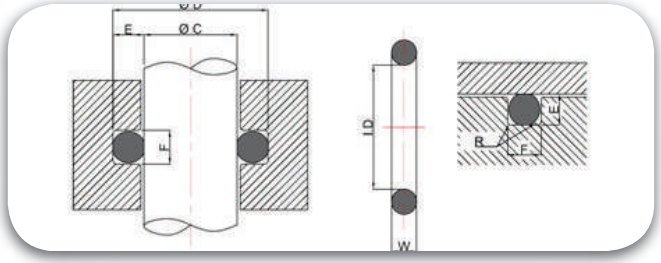
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	334	66.04	0.51	5.33	0.13	75.4	0.15	6.2	7.9	9.6	1.2	0.6	OME06604 0533 T571
70	39	69.57	0.51	1.78	0.08	72.9	0.05	2.2	3.6	5	0.4	0.2	OME06957 0178 T571
	148	69.52	0.56	2.62	0.08	74.5	0.1	3.1	4.5	5.9	0.6	0.3	OME06952 0262 T571
	232	69.44	0.61	3.53	0.1	76.2	0.1	4.2	5.6	7	1	0.4	OME06944 0353 T571
	335	69.22	0.51	5.33	0.13	79.4	0.15	6.2	7.9	9.6	1.2	0.6	OME06922 0533 T571
73	40	72.75	0.51	1.78	0.08	75.9	0.05	2.2	3.6	5	0.4	0.2	OME07275 0178 T571
	150	72.69	0.56	2.62	0.08	77.5	0.1	3.1	4.5	5.9	0.6	0.3	OME07269 0262 T571
	233	72.62	0.61	3.53	0.1	79.2	0.1	4.2	5.6	7	1	0.4	OME07262 0353 T571
	336	72.39	0.51	5.33	0.13	82.4	0.15	6.2	7.9	9.6	1.2	0.6	OME07239 0533 T571
75	41	75.92	0.61	1.78	0.08	77.9	0.05	2.2	3.6	5	0.4	0.2	OME07592 0178 T571
	151	75.87	0.61	2.62	0.08	79.5	0.1	3.1	4.5	5.9	0.6	0.3	OME07587 0262 T571
	234	75.79	0.61	3.53	0.1	81.2	0.1	4.2	5.6	7	1	0.4	OME07579 0353 T571
	337	75.57	0.61	5.33	0.13	84.4	0.15	6.2	7.9	9.6	1.2	0.6	OME07557 0533 T571
80	42	82.27	0.61	1.78	0.08	82.9	0.05	2.2	3.6	5	0.4	0.2	OME08227 0178 T571
	152	82.22	0.61	2.62	0.08	84.5	0.1	3.1	4.5	5.9	0.6	0.3	OME08222 0262 T571
	236	82.15	0.61	3.53	0.1	86.2	0.1	4.2	5.6	7	1	0.4	OME08215 0353 T571
	339	81.92	0.61	5.33	0.13	89.4	0.15	6.2	7.9	9.6	1.2	0.6	OME08192 0533 T571
85	237	85.32	0.61	3.53	0.1	91.2	0.1	4.2	5.6	7	1	0.4	OME08532 0353 T571
	340	85.09	0.61	5.33	0.13	94.4	0.15	6.2	7.9	9.6	1.2	0.6	OME08509 0533 T571
88	43	88.62	0.61	1.78	0.08	90.9	0.05	2.2	3.6	5	0.4	0.2	OME08862 0178 T571
	153	88.57	0.61	2.62	0.08	92.5	0.1	3.1	4.5	5.9	0.6	0.3	OME08857 0262 T571



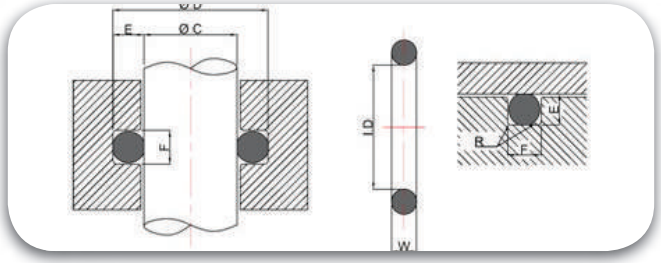
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	238	88.49	0.61	3.53	0.1	94.2	0.1	4.2	5.6	7	1	0.4	OME08849 0353 T571
	341	88.27	0.61	5.33	0.13	97.4	0.15	6.2	7.9	9.6	1.2	0.6	OME08827 0533 T571
90	239	91.67	0.71	3.53	0.1	96.2	0.1	4.2	5.6	7	1	0.4	OME09167 0353 T571
	342	91.44	0.71	5.33	0.13	99.4	0.15	6.2	7.9	9.6	1.2	0.6	OME09144 0533 T571
95	44	94.97	0.69	1.78	0.08	97.9	0.05	2.2	3.6	5	0.4	0.2	OME09497 0178 T571
	154	94.92	0.71	2.62	0.08	99.5	0.1	3.1	4.5	5.9	0.6	0.3	OME09492 0262 T571
	240	94.84	0.71	3.53	0.1	101.2	0.1	4.2	5.6	7	1	0.4	OME09484 0353 T571
	343	94.62	0.71	5.33	0.13	104.4	0.15	6.2	7.9	9.6	1.2	0.6	OME09462 0533 T571
98	241	98.02	0.71	3.53	0.1	104.2	0.1	4.2	5.6	7	1	0.4	OME09802 0353 T571
	344	97.79	0.71	5.33	0.13	107.4	0.15	6.2	7.9	9.6	1.2	0.6	OME09779 0533 T571
100	45	101.32	0.69	1.78	0.08	102.9	0.05	2.2	3.6	5	0.4	0.2	OME10132 0178 T571
	155	101.27	0.71	2.62	0.08	104.5	0.1	3.1	4.5	5.9	0.6	0.3	OME10127 0262 T571
	242	101.19	0.71	3.53	0.1	106.2	0.1	4.2	5.6	7	1	0.4	OME10119 0353 T571
	345	100.97	0.71	5.33	0.13	109.4	0.15	6.2	7.9	9.6	1.2	0.6	OME10097 0533 T571
105	243	104.37	0.71	3.53	0.1	111.2	0.1	4.2	5.6	7	1	0.4	OME10437 0353 T571
	346	104.14	0.71	5.33	0.13	114.4	0.15	6.2	7.9	9.6	1.2	0.6	OME10414 0533 T571
108	46	107.67	0.76	1.78	0.08	110.9	0.05	2.2	3.6	5	0.4	0.2	OME10767 0178 T571
	156	107.62	0.76	2.62	0.08	112.5	0.1	3.1	4.5	5.9	0.6	0.3	OME10762 0262 T571
	244	107.54	0.76	3.53	0.1	114.2	0.1	4.2	5.6	7	1	0.4	OME10754 0353 T571
	347	107.32	0.76	5.33	0.13	117.4	0.15	6.2	7.9	9.6	1.2	0.6	OME10732 0533 T571
110	245	110.72	0.76	3.53	0.1	116.2	0.1	4.2	5.6	7	1	0.4	OME11072 0353 T571



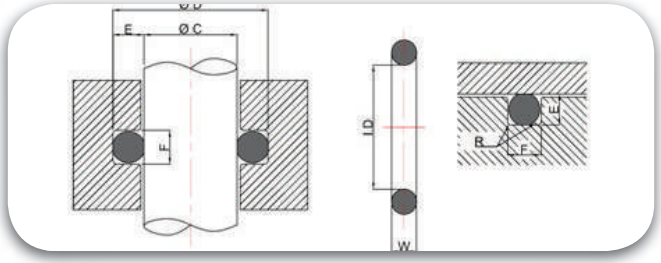
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	348	110.49	0.76	5.33	0.13	119.4	0.15	6.2	7.9	9.6	1.2	0.6	OME11049 0533 T571
115	47	114.02	0.76	1.78	0.08	117.9	0.05	2.2	3.6	5	0.4	0.2	OME11402 0178 T571
	157	113.97	0.76	2.62	0.08	119.5	0.1	3.1	4.5	5.9	0.6	0.3	OME11397 0262 T571
	246	113.89	0.76	3.53	0.1	121.2	0.1	4.2	5.6	7	1	0.4	OME11389 0353 T571
	349	113.67	0.76	5.33	0.13	124.4	0.15	6.2	7.9	9.6	1.2	0.6	OME11367 0533 T571
	425	113.67	0.84	7	0.15	127.2	0.15	8.2	10.7	13.2	1.5	0.6	OME11367 0700 T571
118	247	117.07	0.76	3.53	0.1	124.2	0.1	4.2	5.6	7	1	0.4	OME11707 0353 T571
	350	116.64	0.76	5.33	0.13	127.4	0.15	6.2	7.9	9.6	1.2	0.6	OME11664 0533 T571
	426	116.84	0.84	7	0.15	130.2	0.15	8.2	10.7	13.2	1.5	0.6	OME11684 0700 T571
120	48	120.37	0.76	1.78	0.08	122.9	0.05	2.2	3.6	5	0.4	0.2	OME12037 0178 T571
	158	120.32	0.76	2.62	0.08	124.5	0.1	3.1	4.5	5.9	0.6	0.3	OME12032 0262 T571
	248	120.24	0.76	3.53	0.1	126.2	0.1	4.2	5.6	7	1	0.4	OME12024 0353 T571
	351	120.02	0.76	5.33	0.13	129.4	0.15	6.2	7.9	9.6	1.2	0.6	OME12002 0533 T571
	427	120.02	0.84	7	0.15	132.2	0.15	8.2	10.7	13.2	1.5	0.6	OME12002 0700 T571
122	249	123.42	0.89	3.53	0.1	128.2	0.1	4.2	5.6	7	1	0.4	OME12342 0353 T571
	352	123.19	0.76	5.33	0.13	131.4	0.15	6.2	7.9	9.6	1.2	0.6	OME12319 0533 T571
	428	123.19	0.84	7	0.15	134.2	0.15	8.2	10.7	13.2	1.5	0.6	OME12319 0700 T571
125	49	126.72	0.94	1.78	0.08	127.9	0.05	2.2	3.6	5	0.4	0.2	OME12672 0178 T571
	159	126.67	0.89	2.62	0.08	129.5	0.1	3.1	4.5	5.9	0.6	0.3	OME12667 0262 T571
	250	126.59	0.89	3.53	0.1	131.2	0.1	4.2	5.6	7	1	0.4	OME12659 0353 T571
	353	126.37	0.76	5.33	0.13	134.4	0.15	6.2	7.9	9.6	1.2	0.6	OME12637 0533 T571



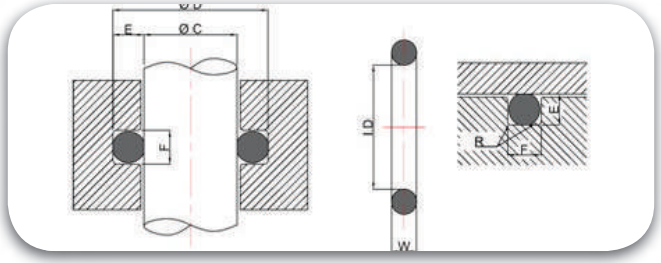
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	429	126.37	0.94	7	0.15	137.2	0.15	8.2	10.7	13.2	1.5	0.6	OME12637 0700 T571
130	251	129.77	0.89	3.53	0.1	136.2	0.1	4.2	5.6	7	1	0.4	OME12977 0353 T571
	354	129.54	0.9	5.33	0.13	139.4	0.15	6.2	7.9	9.6	1.2	0.6	OME12954 0533 T571
	430	129.54	0.94	7	0.15	142.2	0.15	8.2	10.7	13.2	1.5	0.6	OME12954 0700 T571
132	50	133.07	0.94	1.78	0.08	134.9	0.05	2.2	3.6	5	0.4	0.2	OME13307 0178 T571
	160	133.02	0.89	2.62	0.08	136.5	0.1	3.1	4.5	5.9	0.6	0.3	OME13302 0262 T571
	252	132.94	0.89	3.53	0.1	138.2	0.1	4.2	5.6	7	1	0.4	OME13294 0353 T571
	355	132.72	0.9	5.33	0.13	141.4	0.15	6.2	7.9	9.6	1.2	0.6	OME13272 0533 T571
	431	132.72	0.94	7	0.15	144.2	0.15	8.2	10.7	13.2	1.5	0.6	OME13272 0700 T571
136	253	136.12	0.89	3.53	0.1	142.2	0.1	4.2	5.6	7	1	0.4	OME13612 0353 T571
	356	135.89	0.9	5.33	0.13	145.4	0.15	6.2	7.9	9.6	1.2	0.6	OME13589 0533 T571
	432	135.89	0.94	7	0.15	148.2	0.15	8.2	10.7	13.2	1.5	0.6	OME13589 0700 T571
140	161	139.37	0.89	2.62	0.08	144.5	0.1	3.1	4.5	5.9	0.6	0.3	OME13937 0262 T571
	254	139.29	0.89	3.53	0.1	146.2	0.1	4.2	5.6	7	1	0.4	OME13929 0353 T571
	357	139.07	0.9	5.33	0.13	149.4	0.15	6.2	7.9	9.6	1.2	0.6	OME13907 0533 T571
	433	139.07	0.94	7	0.15	152.2	0.15	8.2	10.7	13.2	1.5	0.6	OME13907 0700 T571
142	255	142.47	0.89	3.53	0.1	148.2	0.1	4.2	5.6	7	1	0.4	OME14247 0353 T571
	358	142.24	0.9	5.33	0.13	151.4	0.15	6.2	7.9	9.6	1.2	0.6	OME14224 0533 T571
	434	142.24	0.94	7	0.15	154.2	0.15	8.2	10.7	13.2	1.5	0.6	OME14224 0700 T571
145	162	145.72	0.89	2.62	0.08	149.5	0.1	3.1	4.5	5.9	0.6	0.3	OME14572 0262 T571
	256	145.64	0.89	3.53	0.1	151.2	0.1	4.2	5.6	7	1	0.4	OME14564 0353 T571



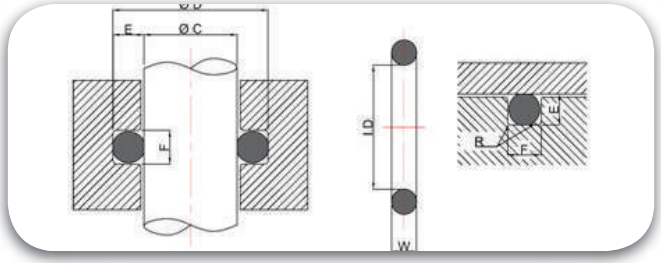
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	359	145.42	0.9	5.33	0.13	154.4	0.15	6.2	7.9	9.6	1.2	0.6	OME14542 0533 T571
	435	145.42	0.94	7	0.15	157.2	0.15	8.2	10.7	13.2	1.5	0.6	OME14542 0700 T571
148	257	148.82	0.89	3.53	0.1	154.2	0.1	4.2	5.6	7	1	0.4	OME14882 0353 T571
	360	148.49	0.9	5.33	0.13	157.4	0.15	6.2	7.9	9.6	1.2	0.6	OME14849 0533 T571
	436	148.59	0.94	7	0.15	160.2	0.15	8.2	10.7	13.2	1.5	0.6	OME14859 0700 T571
150	163	152.07	0.89	2.62	0.08	154.5	0.1	3.1	4.5	5.9	0.6	0.3	OME15207 0262 T571
	258	151.99	0.89	3.53	0.1	156.2	0.1	4.2	5.6	7	1	0.4	OME15199 0353 T571
	361	151.77	0.9	5.33	0.13	159.4	0.15	6.2	7.9	9.6	1.2	0.6	OME15177 0533 T571
	437	151.77	0.94	7	0.15	162.2	0.15	8.2	10.7	13.2	1.5	0.6	OME15177 0700 T571
160	164	158.42	1.02	2.62	0.08	164.5	0.1	3.1	4.5	5.9	0.6	0.3	OME15842 0262 T571
	259	158.34	1.02	3.53	0.1	166.2	0.1	4.2	5.6	7	1	0.4	OME15834 0353 T571
	362	158.12	0.9	5.33	0.13	169.4	0.15	6.2	7.9	9.6	1.2	0.6	OME15812 0533 T571
	438	158.12	1.02	7	0.15	172.2	0.15	8.2	10.7	13.2	1.5	0.6	OME15812 0700 T571
165	165	164.77	1.02	2.62	0.08	169.5	0.1	3.1	4.5	5.9	0.6	0.3	OME16477 0262 T571
	260	164.69	1.02	3.53	0.1	171.2	0.1	4.2	5.6	7	1	0.4	OME16469 0353 T571
	363	164.47	0.9	5.33	0.13	174.4	0.15	6.2	7.9	9.6	1.2	0.6	OME16447 0533 T571
	439	164.47	1.02	7	0.15	177.2	0.15	8.2	10.7	13.2	1.5	0.6	OME16447 0700 T571
170	166	171.12	1.02	2.62	0.08	174.5	0.1	3.1	4.5	5.9	0.6	0.3	OME17112 0262 T571
	261	171.04	1.02	3.53	0.1	176.2	0.1	4.2	5.6	7	1	0.4	OME17104 0353 T571
	364	170.82	0.9	5.33	0.13	179.4	0.15	6.2	7.9	9.6	1.2	0.6	OME17082 0533 T571
	440	170.82	1.02	7	0.15	182.2	0.15	8.2	10.7	13.2	1.5	0.6	OME17082 0700 T571



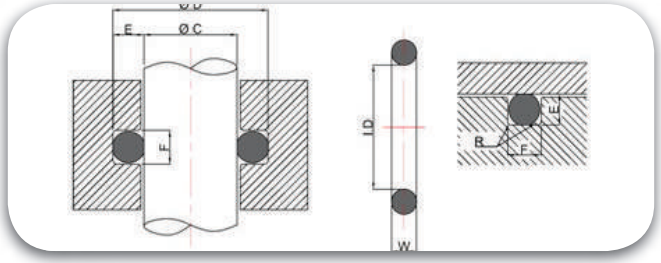
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
175	167	177.47	1.02	2.62	0.08	179.5	0.1	3.1	4.5	5.9	0.6	0.3	OME17747 0262 T571
	262	177.39	1.02	3.53	0.1	181.2	0.1	4.2	5.6	7	1	0.4	OME17739 0353 T571
	365	177.17	0.9	5.33	0.13	184.4	0.15	6.2	7.9	9.6	1.2	0.6	OME17717 0533 T571
	441	177.17	1.02	7	0.15	187.2	0.15	8.2	10.7	13.2	1.5	0.6	OME17717 0700 T571
180	168	183.82	1.14	2.62	0.08	184.5	0.1	3.1	4.5	5.9	0.6	0.3	OME18382 0262 T571
	263	183.74	1.14	3.53	0.1	186.2	0.1	4.2	5.6	7	1	0.4	OME18374 0353 T571
	366	183.52	1.25	5.33	0.13	189.4	0.15	6.2	7.9	9.6	1.2	0.6	OME18352 0533 T571
	442	183.52	1.14	7	0.15	192.2	0.15	8.2	10.7	13.2	1.5	0.6	OME18352 0700 T571
190	169	190.17	1.14	2.62	0.08	194.5	0.1	3.1	4.5	5.9	0.6	0.3	OME19017 0262 T571
	264	190.09	1.14	3.53	0.1	196.2	0.1	4.2	5.6	7	1	0.4	OME19009 0353 T571
	367	189.87	1.25	5.33	0.13	199.4	0.15	6.2	7.9	9.6	1.2	0.6	OME18987 0533 T571
	443	189.87	1.14	7	0.15	202.2	0.15	8.2	10.7	13.2	1.5	0.6	OME18987 0700 T571
195	170	196.52	1.14	2.62	0.08	199.5	0.1	3.1	4.5	5.9	0.6	0.3	OME19652 0262 T571
	265	196.44	1.14	3.53	0.1	201.2	0.1	4.2	5.6	7	1	0.4	OME19644 0353 T571
	368	196.22	1.25	5.33	0.13	204.4	0.15	6.2	7.9	9.6	1.2	0.6	OME19622 0533 T571
	444	196.22	1.14	7	0.15	207.2	0.15	8.2	10.7	13.2	1.5	0.6	OME19622 0700 T571
200	171	202.87	1.14	2.62	0.08	204.5	0.1	3.1	4.5	5.9	0.6	0.3	OME20287 0262 T571
	266	202.79	1.14	3.53	0.1	206.2	0.1	4.2	5.6	7	1	0.4	OME20279 0353 T571
	369	202.57	1.25	5.33	0.13	209.4	0.15	6.2	7.9	9.6	1.2	0.6	OME20257 0533 T571
	445	202.57	1.14	7	0.15	212.2	0.15	8.2	10.7	13.2	1.5	0.6	OME20257 0700 T571
210	172	209.22	1.27	2.62	0.08	214.5	0.1	3.1	4.5	5.9	0.6	0.3	OME20922 0262 T571



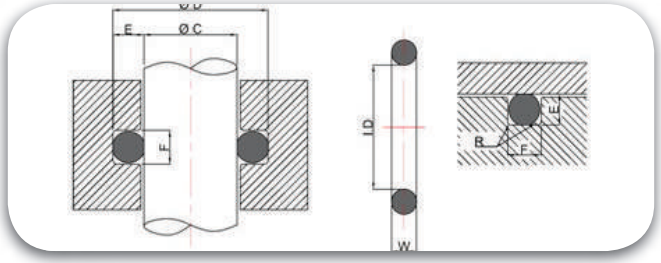
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	267	209.14	1.27	3.53	0.1	216.2	0.1	4.2	5.6	7	1	0.4	OME20914 0353 T571
	370	208.92	1.25	5.33	0.13	219.4	0.15	6.2	7.9	9.6	1.2	0.6	OME20892 0533 T571
	446	215.27	1.4	7	0.15	222.2	0.15	8.2	10.7	13.2	1.5	0.6	OME21527 0700 T571
215	173	215.57	1.27	2.62	0.08	219.5	0.1	3.1	4.5	5.9	0.6	0.3	OME21557 0262 T571
	268	215.49	1.27	3.53	0.1	221.2	0.1	4.2	5.6	7	1	0.4	OME21549 0353 T571
	371	215.27	1.25	5.33	0.13	224.4	0.15	6.2	7.9	9.6	1.2	0.6	OME21527 0533 T571
	446	215.27	1.4	7	0.15	227.2	0.15	8.2	10.7	13.2	1.5	0.6	OME21527 0700 T571
220	174	221.92	1.27	2.62	0.08	224.5	0.1	3.1	4.5	5.9	0.6	0.3	OME22192 0262 T571
	269	221.84	1.27	3.53	0.1	226.2	0.1	4.2	5.6	7	1	0.4	OME22184 0353 T571
	372	221.62	1.25	5.33	0.13	229.4	0.15	6.2	7.9	9.6	1.2	0.6	OME22162 0533 T571
	447	227.97	1.4	7	0.15	232.2	0.15	8.2	10.7	13.2	1.5	0.6	OME22797 0700 T571
225	175	228.27	1.27	2.62	0.08	229.5	0.1	3.1	4.5	5.9	0.6	0.3	OME22827 0262 T571
	270	228.19	1.27	3.53	0.1	231.2	0.1	4.2	5.6	7	1	0.4	OME22819 0353 T571
	373	227.97	1.25	5.33	0.13	234.4	0.15	6.2	7.9	9.6	1.2	0.6	OME22797 0533 T571
	447	227.97	1.4	7	0.15	237.2	0.15	8.2	10.7	13.2	1.5	0.6	OME22797 0700 T571
235	176	234.62	1.4	2.62	0.08	239.5	0.1	3.1	4.5	5.9	0.6	0.3	OME23462 0262 T571
	271	234.54	1.4	3.53	0.1	241.2	0.1	4.2	5.6	7	1	0.4	OME23454 0353 T571
	374	234.32	1.25	5.33	0.13	244.4	0.15	6.2	7.9	9.6	1.2	0.6	OME23432 0533 T571
	448	240.67	1.4	7	0.15	247.2	0.15	8.2	10.7	13.2	1.5	0.6	OME24067 0700 T571
240	177	240.97	1.4	2.62	0.08	244.5	0.1	3.1	4.5	5.9	0.6	0.3	OME24097 0262 T571
	272	240.89	1.4	3.53	0.1	246.2	0.1	4.2	5.6	7	1	0.4	OME24089 0353 T571



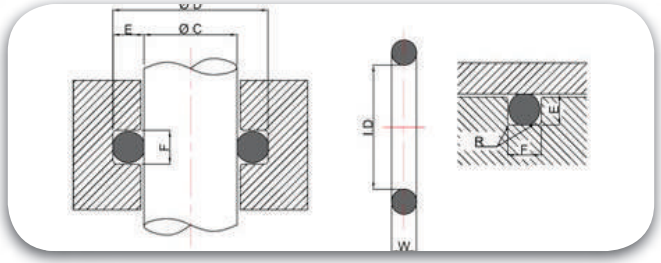
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	375	240.67	1.25	5.33	0.13	249.4	0.15	6.2	7.9	9.6	1.2	0.6	OME24067 0533 T571
	448	240.67	1.4	7	0.15	252.2	0.15	8.2	10.7	13.2	1.5	0.6	OME24067 0700 T571
245	273	247.24	1.4	3.53	0.1	251.2	0.1	4.2	5.6	7	1	0.4	OME24724 0353 T571
	376	247.02	1.25	5.33	0.13	254.4	0.15	6.2	7.9	9.6	1.2	0.6	OME24702 0533 T571
	449	253.37	1.4	7	0.15	257.2	0.15	8.2	10.7	13.2	1.5	0.6	OME25337 0700 T571
250	274	253.59	1.4	3.53	0.1	256.2	0.1	4.2	5.6	7	1	0.4	OME25359 0353 T571
	377	253.37	1.25	5.33	0.13	259.4	0.15	6.2	7.9	9.6	1.2	0.6	OME25337 0533 T571
	449	253.37	1.4	7	0.15	262.2	0.15	8.2	10.7	13.2	1.5	0.6	OME25337 0700 T571
265	275	266.29	1.4	3.53	0.1	271.2	0.1	4.2	5.6	7	1	0.4	OME26629 0353 T571
	378	266.07	1.25	5.33	0.13	274.4	0.15	6.2	7.9	9.6	1.2	0.6	OME26607 0533 T571
	450	266.07	1.52	7	0.15	277.2	0.15	8.2	10.7	13.2	1.5	0.6	OME26607 0700 T571
280	276	278.99	1.68	3.53	0.1	286.2	0.1	4.2	5.6	7	1	0.4	OME27899 0353 T571
	379	278.77	1.25	5.33	0.13	289.4	0.15	6.2	7.9	9.6	1.2	0.6	OME27877 0533 T571
	451	278.77	1.52	7	0.15	292.2	0.15	8.2	10.7	13.2	1.5	0.6	OME27877 0700 T571
290	277	291.69	1.65	3.53	0.1	296.2	0.1	4.2	5.6	7	1	0.4	OME29169 0353 T571
	380	291.47	1.25	5.33	0.13	299.4	0.15	6.2	7.9	9.6	1.2	0.6	OME29147 0533 T571
	452	291.47	1.52	7	0.15	302.2	0.15	8.2	10.7	13.2	1.5	0.6	OME29147 0700 T571
300	278	304.39	1.65	3.53	0.1	306.2	0.1	4.2	5.6	7	1	0.4	OME30439 0353 T571
	381	304.17	1.25	5.33	0.13	309.4	0.15	6.2	7.9	9.6	1.2	0.6	OME30417 0533 T571
	453	304.17	1.52	7	0.15	312.2	0.15	8.2	10.7	13.2	1.5	0.6	OME30417 0700 T571
320	279	329.79	1.65	3.53	0.1	326.2	0.1	4.2	5.6	7	1	0.4	OME32979 0353 T571



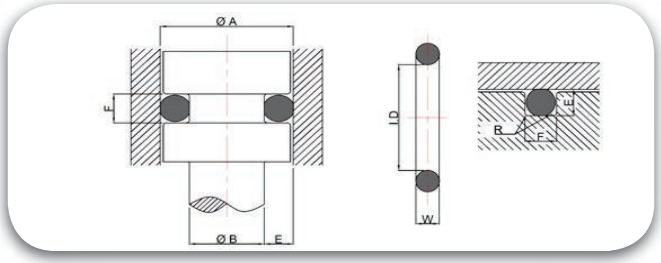
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	382	329.57	1.25	5.33	0.13	329.4	0.15	6.2	7.9	9.6	1.2	0.6	OME32957 0533 T571
	455	329.57	1.52	7	0.15	332.4	0.15	8.2	10.7	13.2	1.5	0.6	OME32957 0700 T571
350	280	355.19	1.65	3.53	0.1	356.2	0.1	4.2	5.6	7	1	0.4	OME35519 0353 T571
	383	354.97	1.25	5.33	0.13	359.4	0.15	6.2	7.9	9.6	1.2	0.6	OME35497 0533 T571
	457	354.97	1.78	7	0.15	362.2	0.15	8.2	10.7	13.2	1.5	0.6	OME35497 0700 T571
360	280	355.19	1.65	3.53	0.1	366.2	0.1	4.2	5.6	7	1	0.4	OME35519 0353 T571
	383	354.97	1.25	5.33	0.13	369.4	0.15	6.2	7.9	9.6	1.2	0.6	OME35497 0533 T571
	458	367.67	1.78	7	0.15	372.2	0.15	8.2	10.7	13.2	1.5	0.6	OME36767 0700 T571
380	281	380.59	1.65	3.53	0.1	386.2	0.1	4.2	5.6	7	1	0.4	OME38059 0353 T571
	384	380.37	1.25	5.33	0.13	389.4	0.15	6.2	7.9	9.6	1.2	0.6	OME38037 0533 T571
	459	380.37	1.78	7	0.15	392.2	0.15	8.2	10.7	13.2	1.5	0.6	OME38037 0700 T571
400	282	405.26	2.15	3.53	0.1	406.2	0.1	4.2	5.6	7	1	0.4	OME40526 0353 T571
	385	405.26	1.9	5.33	0.13	409.4	0.15	6.2	7.9	9.6	1.2	0.6	OME40526 0533 T571
	461	405.26	2	7	0.15	412.2	0.15	8.2	10.7	13.2	1.5	0.6	OME40526 0700 T571
420	282	405.26	2.15	3.53	0.1	426.2	0.1	4.2	5.6	7	1	0.4	OME40526 0353 T571
	385	405.26	1.9	5.33	0.13	429.4	0.15	6.2	7.9	9.6	1.2	0.6	OME40526 0533 T571
	462	417.96	2	7	0.15	432.2	0.15	8.2	10.7	13.2	1.5	0.6	OME41796 0700 T571
430	283	430.66	2.15	3.53	0.1	436.2	0.1	4.2	5.6	7	1	0.4	OME43066 0353 T571
	386	430.65	1.9	5.33	0.13	439.4	0.15	6.2	7.9	9.6	1.2	0.6	OME43065 0533 T571
	463	430.65	2	7	0.15	442.2	0.15	8.2	10.7	13.2	1.5	0.6	OME43065 0700 T571
450	284	456.06	2.15	3.53	0.1	456.2	0.1	4.2	5.6	7	1	0.4	OME45606 0353 T571



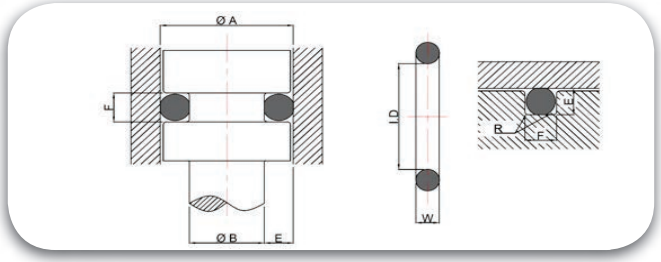
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	387	456.06	1.9	5.33	0.13	459.4	0.15	6.2	7.9	9.6	1.2	0.6	OME45606 0533 T571
	465	456.06	2	7	0.15	462.2	0.15	8.2	10.7	13.2	1.5	0.6	OME45606 0700 T571
470	387	456.06	1.9	5.33	0.13	479.4	0.15	6.2	7.9	9.6	1.2	0.6	OME45606 0533 T571
	466	468.76	2	7	0.15	482.2	0.15	8.2	10.7	13.2	1.5	0.6	OME46876 0700 T571
480	388	481.38	1.9	5.33	0.13	489.4	0.15	6.2	7.9	9.6	1.2	0.6	OME48138 0533 T571
	467	481.46	2	7	0.15	492.2	0.15	8.2	10.7	13.2	1.5	0.6	OME48146 0700 T571
490	388	481.38	1.9	5.33	0.13	499.4	0.15	6.2	7.9	9.6	1.2	0.6	OME48138 0533 T571
	468	494.16	2	7	0.15	502.2	0.15	8.2	10.7	13.2	1.5	0.6	OME49416 0700 T571
500	389	506.78	1.9	5.33	0.13	509.4	0.15	6.2	7.9	9.6	1.2	0.6	OME50678 0533 T571
	469	506.86	2	7	0.15	512.2	0.15	8.2	10.7	13.2	1.5	0.6	OME50686 0700 T571
530	390	532.18	1.9	5.33	0.13	539.4	0.15	6.2	7.9	9.6	1.2	0.6	OME53218 0533 T571
	470	532.26	2	7	0.15	542.2	0.15	8.2	10.7	13.2	1.5	0.6	OME53226 0700 T571
550	391	557.58	1.9	5.33	0.13	559.4	0.15	6.2	7.9	9.6	1.2	0.6	OME55758 0533 T571
	471	557.66	2	7	0.15	562.2	0.15	8.2	10.7	13.2	1.5	0.6	OME55766 0700 T571
580	392	582.68	2.4	5.33	0.13	589.4	0.15	6.2	7.9	9.6	1.2	0.6	OME58268 0533 T571
	472	582.68	2.4	7	0.15	592.2	0.15	8.2	10.7	13.2	1.5	0.6	OME58268 0700 T571
600	393	608.08	2.4	5.33	0.13	609.4	0.15	6.2	7.9	9.6	1.2	0.6	OME60808 0533 T571
	473	608.08	2.4	7	0.15	612.2	0.15	8.2	10.7	13.2	1.5	0.6	OME60808 0700 T571
630	394	633.48	2.4	5.33	0.13	639.4	0.15	6.2	7.9	9.6	1.2	0.6	OME63348 0533 T571
	474	633.48	2.4	7	0.15	642.2	0.15	8.2	10.7	13.2	1.5	0.6	OME63348 0700 T571
650	395	658.88	2.4	5.33	0.13	659.4	0.15	6.2	7.9	9.6	1.2	0.6	OME65888 0533 T571



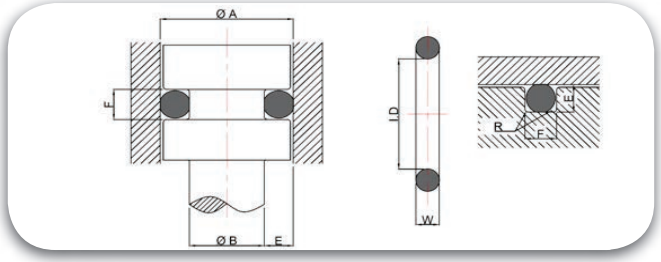
Rod Ø "C" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØD		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	D mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	475	658.88	2.4	7	0.15	662.2	0.15	8.2	10.7	13.2	1.5	0.6	OME65888 0700 T571



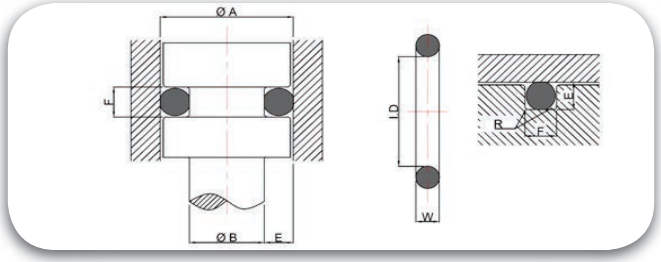
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
2.4	1	0.74	0.1	1.02	0.08	0.8	0.05	1.4	NA	NA	0.2	0.2	OME00074 0102 T571
3	2	1.07	0.1	1.27	0.08	1	0.05	1.8	NA	NA	0.2	0.2	OME00107 0127 T571
3.5	$902^{1/2}$	1.78	0.1	1.02	0.08	1.9	0.05	1.4	NA	NA	0.2	0.2	OME00178 0102 T571
4	3	1.42	0.1	1.52	0.08	1.6	0.05	2.1	NA	NA	0.2	0.2	OME00142 0152 T571
4.8	4	1.78	0.13	1.78	0.08	1.9	0.05	2.2	3.6	5	0.4	0.2	OME00178 0178 T571
5.5	5	2.57	0.13	1.78	0.08	2.6	0.05	2.2	3.6	5	0.4	0.2	OME00257 0178 T571
6	6	2.9	0.13	1.78	0.08	3.1	0.05	2.2	3.6	5	0.4	0.2	OME00290 0178 T571
	102	1.24	0.1	2.62	0.08	1.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00124 0262 T571
7	7	3.68	0.13	1.78	0.08	4.1	0.05	2.2	3.6	5	0.4	0.2	OME00368 0178 T571
	103	2.06	0.13	2.62	0.08	2.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00206 0262 T571
8	8	4.47	0.13	1.78	0.08	5.1	0.05	2.2	3.6	5	0.4	0.2	OME00447 0178 T571
	104	2.84	0.13	2.62	0.08	3.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00284 0262 T571
9	9	5.28	0.13	1.78	0.08	6.1	0.05	2.2	3.6	5	0.4	0.2	OME00528 0178 T571
	105	3.63	0.13	2.62	0.08	4.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00363 0262 T571
9.5	10	6.07	0.13	1.78	0.08	6.6	0.05	2.2	3.6	5	0.4	0.2	OME00607 0178 T571
	106	4.42	0.13	2.62	0.08	5	0.1	3.1	4.5	5.9	0.6	0.3	OME00442 0262 T571
10	107	5.23	0.13	2.62	0.08	5.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00523 0262 T571
11	11	7.65	0.13	1.78	0.08	8.1	0.05	2.2	3.6	5	0.4	0.2	OME00765 0178 T571
	108	6.02	0.13	2.62	0.08	6.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00602 0262 T571
	201	4.34	0.18	3.53	0.1	4.8	0.1	4.2	5.6	7	1	0.4	OME00434 0353 T571
12	12	9.25	0.13	1.78	0.08	9.1	0.05	2.2	3.6	5	0.4	0.2	OME00925 0178 T571



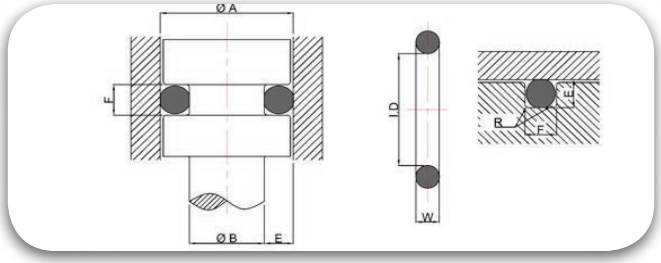
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	109	7.59	0.13	2.62	0.08	7.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00759 0262 T571
	202	5.94	0.18	3.53	0.1	5.8	0.1	4.2	5.6	7	1	0.4	OME00594 0353 T571
14	13	10.82	0.13	1.78	0.08	11.1	0.05	2.2	3.6	5	0.4	0.2	OME01082 0178 T571
	110	9.19	0.13	2.62	0.08	9.5	0.1	3.1	4.5	5.9	0.6	0.3	OME00919 0262 T571
	203	7.52	0.18	3.53	0.1	7.8	0.1	4.2	5.6	7	1	0.4	OME00752 0353 T571
15	906	11.89	0.13	1.98	0.08	11.7	0.05	2.5	3.9	5.3	0.4	0.2	OME01189 0198 T571
16	14	12.42	0.13	1.78	0.08	13.1	0.05	2.2	3.6	5	0.4	0.2	OME01242 0178 T571
	111	10.77	0.13	2.62	0.08	11.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01077 0262 T571
	204	9.12	0.18	3.53	0.1	9.8	0.1	4.2	5.6	7	1	0.4	OME00912 0353 T571
18	15	14	0.18	1.78	0.08	15.1	0.05	2.2	3.6	5	0.4	0.2	OME01400 0178 T571
	112	12.37	0.13	2.62	0.08	13.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01237 0262 T571
	205	10.69	0.18	3.53	0.1	11.8	0.1	4.2	5.6	7	1	0.4	OME01069 0353 T571
19	16	15.6	0.23	1.78	0.08	16.1	0.05	2.2	3.6	5	0.4	0.2	OME01560 0178 T571
	113	13.94	0.13	2.62	0.08	14.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01394 0262 T571
	206	12.29	0.18	3.53	0.1	12.8	0.1	4.2	5.6	7	1	0.4	OME01229 0353 T571
20	17	17.17	0.23	1.78	0.08	17.1	0.05	2.2	3.6	5	0.4	0.2	OME01717 0178 T571
	114	15.54	0.13	2.62	0.08	15.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01554 0262 T571
	207	13.87	0.18	3.53	0.1	13.8	0.1	4.2	5.6	7	1	0.4	OME01387 0353 T571
	309	10.46	0.18	5.33	0.13	10.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01045 0533 T571
22	18	18.77	0.23	1.78	0.08	19.1	0.05	2.2	3.6	5	0.4	0.2	OME01877 0178 T571
	115	17.12	0.13	2.62	0.08	17.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01712 0262 T571



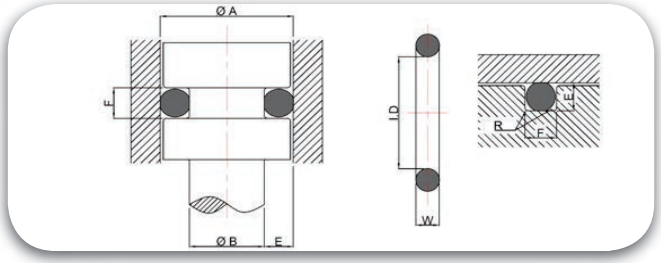
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	208	15.47	0.18	3.53	0.1	15.8	0.1	4.2	5.6	7	1	0.4	OME01547 0353 T571
	310	12.07	0.18	5.33	0.13	12.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01207 0533 T571
24	19	20.35	0.23	1.78	0.08	21.1	0.05	2.2	3.6	5	0.4	0.2	OME02035 0178 T571
	116	18.72	0.13	2.62	0.08	19.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01872 0262 T571
	209	17.04	0.18	3.53	0.1	17.8	0.1	4.2	5.6	7	1	0.4	OME01704 0353 T571
	311	13.62	0.18	5.33	0.13	14.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01362 0533 T571
25	20	21.95	0.23	1.78	0.08	22.1	0.05	2.2	3.6	5	0.4	0.2	OME02195 0178 T571
	117	20.29	0.25	2.62	0.08	20.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02029 0262 T571
	210	18.64	0.25	3.53	0.1	18.8	0.1	4.2	5.6	7	1	0.4	OME01864 0353 T571
	312	15.24	0.18	5.33	0.13	15.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01524 0533 T571
27	21	23.52	0.23	1.78	0.08	24.1	0.05	2.2	3.6	5	0.4	0.2	OME02352 0178 T571
	118	21.89	0.25	2.62	0.08	22.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02189 0262 T571
	211	20.22	0.25	3.53	0.1	20.8	0.1	4.2	5.6	7	1	0.4	OME02022 0353 T571
	313	16.81	0.18	5.33	0.13	17.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01681 0533 T571
28	22	25.12	0.25	1.78	0.08	25.1	0.05	2.2	3.6	5	0.4	0.2	OME02512 0178 T571
	119	23.47	0.25	2.62	0.08	23.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02347 0262 T571
	212	21.82	0.25	3.53	0.1	21.8	0.1	4.2	5.6	7	1	0.4	OME02182 0353 T571
	314	18.42	0.18	5.33	0.13	18.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01842 0533 T571
30	23	26.7	0.25	1.78	0.08	27.1	0.05	2.2	3.6	5	0.4	0.2	OME02670 0178 T571
	120	25.07	0.25	2.62	0.08	25.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02507 0262 T571
	213	23.39	0.25	3.53	0.1	23.8	0.1	4.2	5.6	7	1	0.4	OME02339 0353 T571



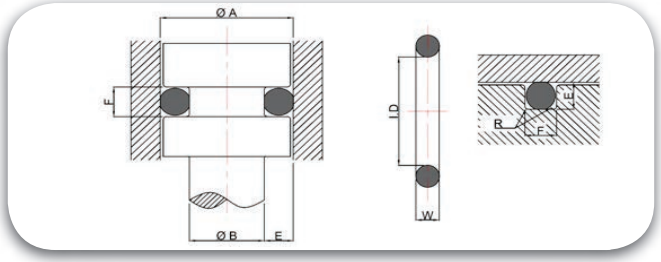
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	315	19.99	0.25	5.33	0.13	20.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01999 0533 T571
32	24	28.3	0.25	1.78	0.08	29.1	0.05	2.2	3.6	5	0.4	0.2	OME02830 0178 T571
	121	26.64	0.25	2.62	0.08	27.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02664 0262 T571
	214	24.99	0.25	3.53	0.1	25.8	0.1	4.2	5.6	7	1	0.4	OME02499 0353 T571
	316	21.59	0.25	5.33	0.13	22.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02159 0533 T571
33	25	29.87	0.28	1.78	0.08	30.1	0.05	2.2	3.6	5	0.4	0.2	OME02987 0178 T571
	122	28.24	0.25	2.62	0.08	28.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02824 0262 T571
	215	26.57	0.25	3.53	0.1	26.8	0.1	4.2	5.6	7	1	0.4	OME02657 0353 T571
	316	23.16	0.25	5.33	0.13	23.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02316 0533 T571
35	26	31.47	0.28	1.78	0.08	32.1	0.05	2.2	3.6	5	0.4	0.2	OME03147 0178 T571
	123	29.82	0.25	2.62	0.08	30.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02982 0262 T571
	216	28.17	0.3	3.53	0.1	28.8	0.1	4.2	5.6	7	1	0.4	OME02817 0353 T571
	318	24.77	0.25	5.33	0.13	25.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02477 0533 T571
37	27	33.05	0.28	1.78	0.08	34.1	0.05	2.2	3.6	5	0.4	0.2	OME03305 0178 T571
	124	31.42	0.3	2.62	0.08	32.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03142 0262 T571
	217	29.74	0.3	3.53	0.1	30.8	0.1	4.2	5.6	7	1	0.4	OME02974 0353 T571
	319	26.34	0.25	5.33	0.13	27.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02634 0533 T571
38	28	34.65	0.33	1.78	0.08	35.1	0.05	2.2	3.6	5	0.4	0.2	OME03465 0178 T571
	125	32.99	0.3	2.62	0.08	33.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03299 0262 T571
	218	31.44	0.3	3.53	0.1	31.8	0.1	4.2	5.6	7	1	0.4	OME03144 0353 T571
	320	27.94	0.25	5.33	0.13	28.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02794 0533 T571



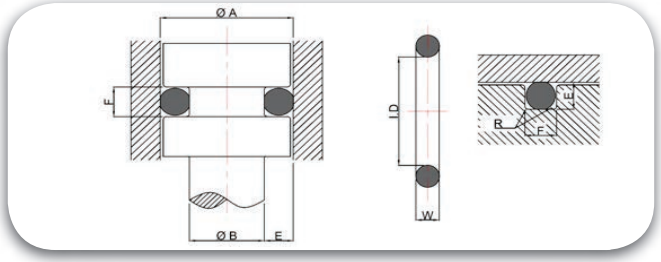
	208	15.47	0.18	3.53	0.1	15.8	0.1	4.2	5.6	7	1	0.4	OME01547 0353 T571
	310	12.07	0.18	5.33	0.13	12.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01207 0533 T571
24	19	20.35	0.23	1.78	0.08	21.1	0.05	2.2	3.6	5	0.4	0.2	OME02035 0178 T571
	116	18.72	0.13	2.62	0.08	19.5	0.1	3.1	4.5	5.9	0.6	0.3	OME01872 0262 T571
	209	17.04	0.18	3.53	0.1	17.8	0.1	4.2	5.6	7	1	0.4	OME01704 0353 T571
	311	13.62	0.18	5.33	0.13	14.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01362 0533 T571
25	20	21.95	0.23	1.78	0.08	22.1	0.05	2.2	3.6	5	0.4	0.2	OME02195 0178 T571
	117	20.29	0.25	2.62	0.08	20.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02029 0262 T571
	210	18.64	0.25	3.53	0.1	18.8	0.1	4.2	5.6	7	1	0.4	OME01864 0353 T571
	312	15.24	0.18	5.33	0.13	15.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01524 0533 T571
27	21	23.52	0.23	1.78	0.08	24.1	0.05	2.2	3.6	5	0.4	0.2	OME02352 0178 T571
	118	21.89	0.25	2.62	0.08	22.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02189 0262 T571
	211	20.22	0.25	3.53	0.1	20.8	0.1	4.2	5.6	7	1	0.4	OME02022 0353 T571
	313	16.81	0.18	5.33	0.13	17.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01681 0533 T571
28	22	25.12	0.25	1.78	0.08	25.1	0.05	2.2	3.6	5	0.4	0.2	OME02512 0178 T571
	119	23.47	0.25	2.62	0.08	23.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02347 0262 T571
	212	21.82	0.25	3.53	0.1	21.8	0.1	4.2	5.6	7	1	0.4	OME02182 0353 T571
	314	18.42	0.18	5.33	0.13	18.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01842 0533 T571
30	23	26.7	0.25	1.78	0.08	27.1	0.05	2.2	3.6	5	0.4	0.2	OME02670 0178 T571
	120	25.07	0.25	2.62	0.08	25.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02507 0262 T571
	213	23.39	0.25	3.53	0.1	23.8	0.1	4.2	5.6	7	1	0.4	OME02339 0353 T571
	315	19.99	0.25	5.33	0.13	20.6	0.15	6.2	7.9	9.6	1.2	0.6	OME01999 0533 T571
32	24	28.3	0.25	1.78	0.08	29.1	0.05	2.2	3.6	5	0.4	0.2	OME02830 0178 T571
	121	26.64	0.25	2.62	0.08	27.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02664 0262 T571
	214	24.99	0.25	3.53	0.1	25.8	0.1	4.2	5.6	7	1	0.4	OME02499 0353 T571



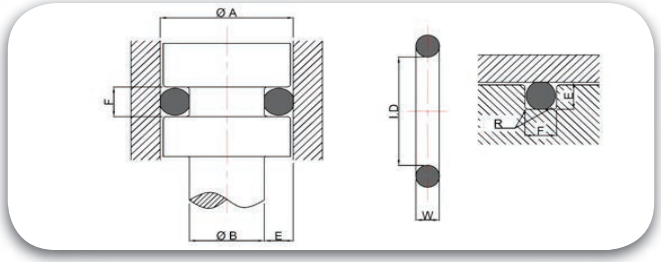
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	316	21.59	0.25	5.33	0.13	22.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02159 0533 T571
33	25	29.87	0.28	1.78	0.08	30.1	0.05	2.2	3.6	5	0.4	0.2	OME02987 0178 T571
	122	28.24	0.25	2.62	0.08	28.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02824 0262 T571
	215	26.57	0.25	3.53	0.1	26.8	0.1	4.2	5.6	7	1	0.4	OME02657 0353 T571
	316	23.16	0.25	5.33	0.13	23.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02316 0533 T571
35	26	31.47	0.28	1.78	0.08	32.1	0.05	2.2	3.6	5	0.4	0.2	OME03147 0178 T571
	123	29.82	0.25	2.62	0.08	30.5	0.1	3.1	4.5	5.9	0.6	0.3	OME02982 0262 T571
	216	28.17	0.3	3.53	0.1	28.8	0.1	4.2	5.6	7	1	0.4	OME02817 0353 T571
	318	24.77	0.25	5.33	0.13	25.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02477 0533 T571
37	27	33.05	0.28	1.78	0.08	34.1	0.05	2.2	3.6	5	0.4	0.2	OME03305 0178 T571
	124	31.42	0.3	2.62	0.08	32.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03142 0262 T571
	217	29.74	0.3	3.53	0.1	30.8	0.1	4.2	5.6	7	1	0.4	OME02974 0353 T571
	319	26.34	0.25	5.33	0.13	27.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02634 0533 T571
38	28	34.65	0.33	1.78	0.08	35.1	0.05	2.2	3.6	5	0.4	0.2	OME03465 0178 T571
	125	32.99	0.3	2.62	0.08	33.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03299 0262 T571
	218	31.44	0.3	3.53	0.1	31.8	0.1	4.2	5.6	7	1	0.4	OME03144 0353 T571
	320	27.94	0.25	5.33	0.13	28.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02794 0533 T571
40	126	34.59	0.3	2.62	0.08	35.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03459 0262 T571
	219	32.92	0.3	3.53	0.1	33.8	0.1	4.2	5.6	7	1	0.4	OME03292 0353 T571
	321	29.51	0.25	5.33	0.13	30.6	0.15	6.2	7.9	9.6	1.2	0.6	OME02951 0533 T571
42	29	37.82	0.33	1.78	0.08	39.1	0.05	2.2	3.6	5	0.4	0.2	OME03782 0178 T571



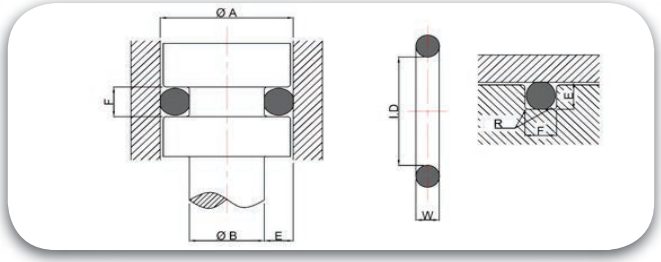
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	127	36.17	0.3	2.62	0.08	37.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03617 0262 T571
	220	34.52	0.3	3.53	0.1	35.8	0.1	4.2	5.6	7	1	0.4	OME03452 0353 T571
	322	31.12	0.25	5.33	0.13	32.6	0.15	6.2	7.9	9.6	1.2	0.6	OME03112 0533 T571
43	128	37.77	0.3	2.62	0.08	38.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03777 0262 T571
	221	36.09	0.3	3.53	0.1	36.8	0.1	4.2	5.6	7	1	0.4	OME03609 0353 T571
	323	32.69	0.25	5.33	0.13	33.6	0.15	6.2	7.9	9.6	1.2	0.6	OME03269 0533 T571
45	30	41	0.33	1.78	0.08	42.1	0.05	2.2	3.6	5	0.4	0.2	OME04100 0178 T571
	129	39.34	0.38	2.62	0.08	40.5	0.1	3.1	4.5	5.9	0.6	0.3	OME03934 0262 T571
	222	37.69	0.38	3.53	0.1	38.8	0.1	4.2	5.6	7	1	0.4	OME03769 0353 T571
	324	34.29	0.25	5.33	0.13	35.6	0.15	6.2	7.9	9.6	1.2	0.6	OME03429 0533 T571
48	31	44.17	0.38	1.78	0.08	45.1	0.05	2.2	3.6	5	0.4	0.2	OME04417 0178 T571
	131	42.52	0.38	2.62	0.08	43.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04252 0262 T571
	223	40.87	0.38	3.53	0.1	41.8	0.1	4.2	5.6	7	1	0.4	OME04087 0353 T571
	325	37.47	0.38	5.33	0.13	38.6	0.15	6.2	7.9	9.6	1.2	0.6	OME03747 0178 T571
50	32	47.35	0.38	1.78	0.08	47.1	0.05	2.2	3.6	5	0.4	0.2	OME04735 0178 T571
	132	44.12	0.38	2.62	0.08	45.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04412 0262 T571
	224	44.04	0.38	3.53	0.1	43.8	0.1	4.2	5.6	7	1	0.4	OME04404 0353 T571
	326	40.64	0.38	5.33	0.13	40.6	0.15	6.2	7.9	9.6	1.2	0.6	OME04064 0533 T571
52	32	47.35	0.38	1.78	0.08	49.1	0.05	2.2	3.6	5	0.4	0.2	OME04735 0178 T571
	133	45.69	0.38	2.62	0.08	47.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04569 0262 T571
	224	44.04	0.38	3.53	0.1	45.8	0.1	4.2	5.6	7	1	0.4	OME04404 0353 T571



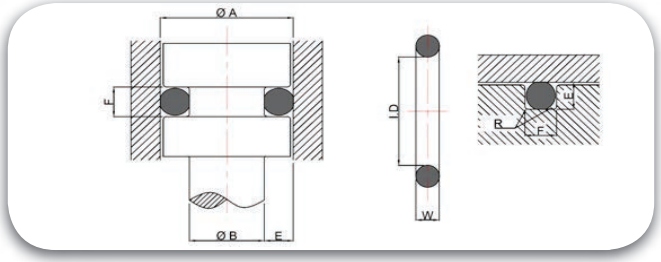
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	326	40.64	0.38	5.33	0.13	42.6	0.15	6.2	7.9	9.6	1.2	0.6	OME04064 0533 T571
55	33	50.52	0.46	1.78	0.08	52.1	0.05	2.2	3.6	5	0.4	0.2	OME05052 0178 T571
	135	48.9	0.43	2.62	0.08	50.5	0.1	3.1	4.5	5.9	0.6	0.3	OME04890 0262 T571
	225	47.22	0.46	3.53	0.1	48.8	0.1	4.2	5.6	7	1	0.4	OME04722 0353 T571
	327	43.82	0.38	5.33	0.13	45.6	0.15	6.2	7.9	9.6	1.2	0.6	OME04382 0533 T571
58	34	53.7	0.46	1.78	0.08	55.1	0.05	2.2	3.6	5	0.4	0.2	OME05370 0178 T571
	137	52.07	0.43	2.62	0.08	53.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05207 0262 T571
	226	50.39	0.46	3.53	0.1	51.8	0.1	4.2	5.6	7	1	0.4	OME05039 0353 T571
	328	49.99	0.38	5.33	0.13	48.6	0.15	6.2	7.9	9.6	1.2	0.6	OME04999 0533 T571
60	35	56.87	0.46	1.78	0.08	57.1	0.05	2.2	3.6	5	0.4	0.2	OME05687 0178 T571
	139	55.25	0.43	2.62	0.08	55.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05525 0262 T571
	227	53.57	0.46	3.53	0.1	53.8	0.1	4.2	5.6	7	1	0.4	OME05357 0353 T571
	329	50.17	0.46	5.33	0.13	50.6	0.15	6.2	7.9	9.6	1.2	0.6	OME05017 0533 T571
63	36	60.05	0.46	1.78	0.08	60.1	0.05	2.2	3.6	5	0.4	0.2	OME06005 0178 T571
	141	58.42	0.51	2.62	0.08	58.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05842 0262 T571
	228	56.74	0.51	3.53	0.1	56.8	0.1	4.2	5.6	7	1	0.4	OME05674 0353 T571
	330	53.34	0.46	5.33	0.13	53.6	0.15	6.2	7.9	9.6	1.2	0.6	OME05334 0533 T571
65	36	60.05	0.46	1.78	0.08	62.1	0.05	2.2	3.6	5	0.4	0.2	OME06005 0178 T571
	141	58.42	0.51	2.62	0.08	60.5	0.1	3.1	4.5	5.9	0.6	0.3	OME05842 0262 T571
	228	56.74	0.51	3.53	0.1	58.8	0.1	4.2	5.6	7	1	0.4	OME05674 0353 T571
	330	53.34	0.46	5.33	0.13	55.6	0.15	6.2	7.9	9.6	1.2	0.6	OME05334 0533 T571



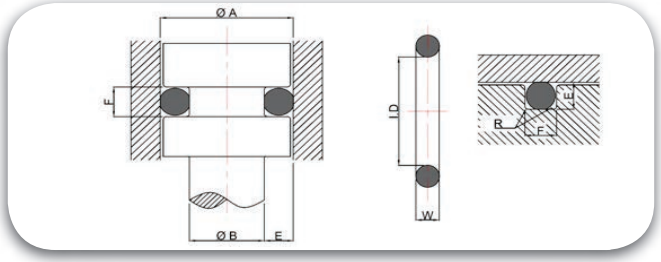
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
68	37	63.22	0.46	1.78	0.08	65.1	0.05	2.2	3.6	5	0.4	0.2	OME06322 0178 T571
	144	63.17	0.51	2.62	0.08	63.5	0.1	3.1	4.5	5.9	0.6	0.3	OME06317 0262 T571
	229	59.92	0.51	3.53	0.1	61.8	0.1	4.2	5.6	7	1	0.4	OME05992 0353 T571
	331	56.52	0.46	5.33	0.13	58.6	0.15	6.2	7.9	9.6	1.2	0.6	OME05652 0533 T571
70	38	66.4	0.51	1.78	0.08	67.1	0.05	2.2	3.6	5	0.4	0.2	OME06640 0178 T571
	145	64.77	0.51	2.62	0.08	65.5	0.1	3.1	4.5	5.9	0.6	0.3	OME06477 0262 T571
	230	63.09	0.51	3.53	0.1	63.8	0.1	4.2	5.6	7	1	0.4	OME06309 0353 T571
	332	59.69	0.46	5.33	0.13	60.6	0.15	6.2	7.9	9.6	1.2	0.6	OME05969 0533 T571
75	39	69.57	0.51	1.78	0.08	72.1	0.05	2.2	3.6	5	0.4	0.2	OME06957 0178 T571
	148	69.52	0.56	2.62	0.08	70.5	0.1	3.1	4.5	5.9	0.6	0.3	OME06952 0262 T571
	231	66.27	0.51	3.53	0.1	68.8	0.1	4.2	5.6	7	1	0.4	OME06627 0353 T571
	333	62.87	0.51	5.33	0.13	65.6	0.15	6.2	7.9	9.6	1.2	0.6	OME06287 0533 T571
78	40	72.75	0.51	1.78	0.08	75.1	0.05	2.2	3.6	5	0.4	0.2	OME07275 0178 T571
	150	72.69	0.56	2.62	0.08	73.5	0.1	3.1	4.5	5.9	0.6	0.3	OME07269 0262 T571
	232	69.44	0.61	3.53	0.1	71.8	0.1	4.2	5.6	7	1	0.4	OME06944 0353 T571
	334	66.04	0.51	5.33	0.13	68.6	0.15	6.2	7.9	9.6	1.2	0.6	OME06604 0533 T571
80	41	75.92	0.61	1.78	0.08	77.1	0.05	2.2	3.6	5	0.4	0.2	OME07592 0178 T571
	151	75.87	0.61	2.62	0.08	75.5	0.1	3.1	4.5	5.9	0.6	0.3	OME07587 0262 T571
	233	72.66	0.61	3.53	0.1	73.8	0.1	4.2	5.6	7	1	0.4	OME07266 0353 T571
	335	69.22	0.51	5.33	0.13	70.6	0.15	6.2	7.9	9.6	1.2	0.6	OME06922 0533 T571
83	234	75.79	0.61	3.53	0.1	76.8	0.1	4.2	5.6	7	1	0.4	OME07579 0353 T571



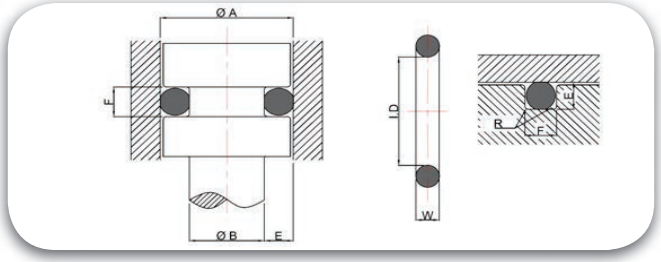
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	336	72.39	0.51	5.33	0.13	73.6	0.15	6.2	7.9	9.6	1.2	0.6	OME07239 0533 T571
85	42	82.27	0.61	1.78	0.08	82.1	0.05	2.2	3.6	5	0.4	0.2	OME08227 0178 T571
	235	78.97	0.61	3.53	0.1	78.8	0.1	4.2	5.6	7	1	0.4	OME07897 0353 T571
	337	75.57	0.61	5.33	0.13	75.6	0.15	6.2	7.9	9.6	1.2	0.6	OME07557 0533 T571
90	152	82.22	0.61	2.62	0.08	85.5	0.1	3.1	4.5	5.9	0.6	0.3	OME08222 0262 T571
	236	82.15	0.61	3.53	0.1	83.8	0.1	4.2	5.6	7	1	0.4	OME08215 0353 T571
	338	78.44	0.61	5.33	0.13	80.6	0.15	6.2	7.9	9.6	1.2	0.6	OME07844 0533 T571
92	43	88.62	0.61	1.78	0.08	89.1	0.05	2.2	3.6	5	0.4	0.2	OME08862 0178 T571
	237	85.32	0.61	3.53	0.1	85.8	0.1	4.2	5.6	7	1	0.4	OME08532 0353 T571
	339	81.92	0.61	5.33	0.13	82.6	0.15	6.2	7.9	9.6	1.2	0.6	OME08192 0533 T571
95	153	88.57	0.61	2.62	0.08	90.5	0.1	3.1	4.5	5.9	0.6	0.3	OME08857 0262 T571
	238	88.49	0.61	3.53	0.1	88.8	0.1	4.2	5.6	7	1	0.4	OME08849 0353 T571
	340	85.09	0.61	5.33	0.13	85.6	0.15	6.2	7.9	9.6	1.2	0.6	OME08509 0533 T571
98	44	94.97	0.69	2.62	0.08	95.1	0.05	2.2	3.6	5	0.4	0.2	OME09497 0262 T571
	239	91.67	0.71	3.53	0.1	91.8	0.1	4.2	5.6	7	1	0.4	OME09167 0353 T571
	341	88.27	0.61	5.33	0.13	88.6	0.15	6.2	7.9	9.6	1.2	0.6	OME08827 0533 T571
100	154	94.92	0.71	2.62	0.08	95.5	0.1	3.1	4.5	5.9	0.6	0.3	OME09492 0262 T571
	240	94.84	0.71	3.53	0.1	93.8	0.1	4.2	5.6	7	1	0.4	OME09484 0353 T571
	342	91.44	0.71	5.33	0.13	90.6	0.15	6.2	7.9	9.6	1.2	0.6	OME09144 0533 T571
105	45	101.32	0.69	1.78	0.08	102.1	0.05	2.2	3.6	5	0.4	0.2	OME10132 0178 T571
	155	101.27	0.71	2.62	0.08	100.5	0.1	3.1	4.5	5.9	0.6	0.3	OME10127 0262 T571



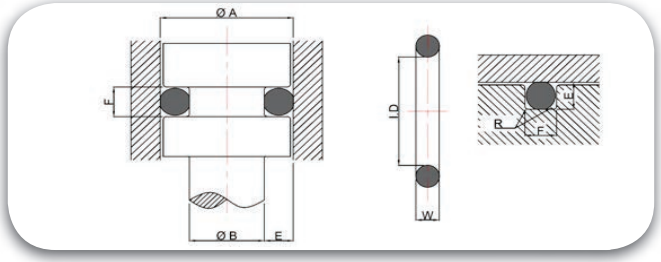
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	241	98.02	0.71	3.53	0.1	98.8	0.1	4.2	5.6	7	1	0.4	OME09802 0353 T571
	343	94.62	0.71	5.33	0.13	95.6	0.15	6.2	7.9	9.6	1.2	0.6	OME09462 0533 T571
108	242	101.19	0.71	3.53	0.1	101.8	0.1	4.2	5.6	7	1	0.4	OME10119 0353 T571
	344	97.79	0.71	5.33	0.13	98.6	0.15	6.2	7.9	9.6	1.2	0.6	OME09779 0533 T571
110	46	107.67	0.76	1.78	0.08	107.1	0.05	2.2	3.6	5	0.4	0.2	OME10167 0178 T571
	243	104.37	0.71	3.53	0.1	103.8	0.1	4.2	5.6	7	1	0.4	OME10437 0353 T571
	345	100.97	0.71	5.33	0.13	100.6	0.15	6.2	7.9	9.6	1.2	0.6	OME10097 0533 T571
114	156	107.62	0.76	2.62	0.08	109.5	0.1	3.1	4.5	5.9	0.6	0.3	OME10762 0262 T571
	244	107.54	0.76	3.53	0.1	107.8	0.1	4.2	5.6	7	1	0.4	OME10754 0353 T571
	346	104.14	0.71	5.33	0.13	104.6	0.15	6.2	7.9	9.6	1.2	0.6	OME10414 0533 T571
115	156	107.62	0.76	2.62	0.08	110.5	0.1	3.1	4.5	5.9	0.6	0.3	OME10762 0262 T571
	244	107.54	0.76	3.53	0.1	108.8	0.1	4.2	5.6	7	1	0.4	OME10754 0353 T571
	346	104.14	0.71	5.33	0.13	105.6	0.15	6.2	7.9	9.6	1.2	0.6	OME10414 0533 T571
117	47	114.02	0.76	1.78	0.08	114.1	0.05	2.2	3.6	5	0.4	0.2	OME11402 0178 T571
	245	110.72	0.76	3.53	0.1	110.8	0.1	4.2	5.6	7	1	0.4	OME11072 0353 T571
	347	107.32	0.76	5.33	0.13	107.6	0.15	6.2	7.9	9.6	1.2	0.6	OME10732 0533 T571
118	47	114.02	0.76	1.78	0.08	115.1	0.05	2.2	3.6	5	0.4	0.2	OME11402 0178 T571
	245	110.72	0.76	3.53	0.1	111.8	0.1	4.2	5.6	7	1	0.4	OME11072 0353 T571
	347	107.32	0.76	5.33	0.13	108.6	0.15	6.2	7.9	9.6	1.2	0.6	OME10732 0533 T571
120	157	113.97	0.76	2.62	0.08	115.5	0.1	3.1	4.5	5.9	0.6	0.3	OME11397 0262 T571
	246	113.89	0.76	3.53	0.1	113.8	0.1	4.2	5.6	7	1	0.4	OME11389 0353 T571



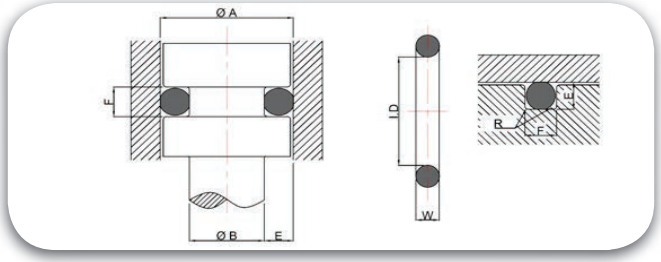
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	348	110.49	0.76	5.33	0.13	110.6	0.15	6.2	7.9	9.6	1.2	0.6	OME11049 0533 T571
125	48	120.37	0.76	1.78	0.08	122.1	0.05	2.2	3.6	5	0.4	0.2	OME12037 0178 T571
	158	120.32	0.76	2.62	0.08	120.5	0.1	3.1	4.5	5.9	0.6	0.3	OME12032 0262 T571
	247	117.07	0.76	3.53	0.1	118.8	0.1	4.2	5.6	7	1	0.4	OME11707 0353 T571
	349	113.67	0.76	5.33	0.13	115.6	0.15	6.2	7.9	9.6	1.2	0.6	OME11367 0533 T571
128	248	120.24	0.76	3.53	0.1	121.8	0.1	4.2	5.6	7	1	0.4	OME12024 0353 T571
	350	116.84	0.76	5.33	0.13	118.6	0.15	6.2	7.9	9.6	1.2	0.6	OME11684 0533 T571
	425	113.67	0.84	7	0.15	115.8	0.15	8.2	10.7	13.2	1.5	0.6	OME11367 0700 T571
130	49	126.72	0.94	1.78	0.08	127.1	0.05	2.2	3.6	5	0.4	0.2	OME12672 0178 T571
	249	123.42	0.89	3.53	0.1	123.8	0.1	4.2	5.6	7	1	0.4	OME12342 0353 T571
	351	120.02	0.76	5.33	0.13	120.6	0.15	6.2	7.9	9.6	1.2	0.6	OME12002 0533 T571
	426	116.84	0.84	7	0.15	117.8	0.15	8.2	10.7	13.2	1.5	0.6	OME11684 0700 T571
135	159	126.67	0.89	2.62	0.08	130.5	0.1	3.1	4.5	5.9	0.6	0.3	OME12667 0262 T571
	250	126.59	0.89	3.53	0.1	128.8	0.1	4.2	5.6	7	1	0.4	OME12659 0353 T571
	352	123.19	0.76	5.33	0.13	125.6	0.15	6.2	7.9	9.6	1.2	0.6	OME12319 0533 T571
	427	120.02	0.84	7	0.15	122.8	0.15	8.2	10.7	13.2	1.5	0.6	OME12002 0700 T571
137	50	133.07	0.94	1.78	0.08	134.1	0.05	2.2	3.6	5	0.4	0.2	OME13307 0178 T571
	251	129.77	0.89	3.53	0.1	130.8	0.1	4.2	5.6	7	1	0.4	OME12977 0353 T571
	353	126.37	0.76	5.33	0.13	127.6	0.15	6.2	7.9	9.6	1.2	0.6	OME12637 0533 T571
	428	123.19	0.84	7	0.15	124.8	0.15	8.2	10.7	13.2	1.5	0.6	OME12319 0700 T571
140	160	133.02	0.89	2.62	0.08	135.5	0.1	3.1	4.5	5.9	0.6	0.3	OME13302 0262 T571



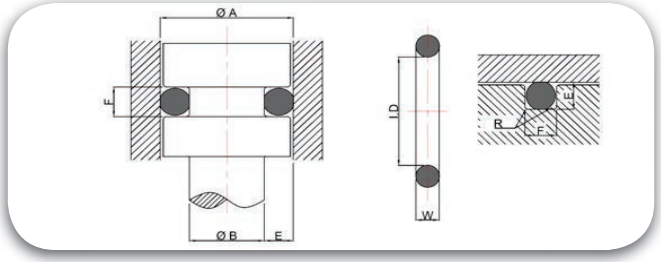
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	252	132.94	0.89	3.53	0.1	133.8	0.1	4.2	5.6	7	1	0.4	OME13294 0353 T571
	354	129.54	0.9	5.33	0.13	130.6	0.15	6.2	7.9	9.6	1.2	0.6	OME12954 0533 T571
	429	126.37	0.94	7	0.15	127.8	0.15	8.2	10.7	13.2	1.5	0.6	OME12637 0700 T571
143	253	136.12	0.89	3.53	0.1	136.8	0.1	4.2	5.6	7	1	0.4	OME13612 0353 T571
	355	132.72	0.9	5.33	0.13	133.6	0.15	6.2	7.9	9.6	1.2	0.6	OME13272 0533 T571
	430	129.54	0.94	7	0.15	130.8	0.15	8.2	10.7	13.2	1.5	0.6	OME12954 0700 T571
145	161	139.37	0.89	2.62	0.08	140.5	0.1	3.1	4.5	5.9	0.6	0.3	OME13937 0262 T571
	254	139.29	0.89	3.53	0.1	138.8	0.1	4.2	5.6	7	1	0.4	OME13929 0353 T571
	356	135.89	0.9	5.33	0.13	135.6	0.15	6.2	7.9	9.6	1.2	0.6	OME13589 0533 T571
	431	132.72	0.94	7	0.15	132.8	0.15	8.2	10.7	13.2	1.5	0.6	OME13272 0700 T571
150	162	145.72	0.89	2.62	0.08	145.5	0.1	3.1	4.5	5.9	0.6	0.3	OME14572 0262 T571
	255	142.47	0.89	3.53	0.1	143.8	0.1	4.2	5.6	7	1	0.4	OME14247 0353 T571
	357	139.07	0.9	5.33	0.13	140.6	0.15	6.2	7.9	9.6	1.2	0.6	OME13907 0533 T571
	432	135.89	0.94	7	0.15	137.8	0.15	8.2	10.7	13.2	1.5	0.6	OME13589 0700 T571
152	256	145.64	0.89	3.53	0.1	145.8	0.1	4.2	5.6	7	1	0.4	OME14564 0353 T571
	358	142.24	0.9	5.33	0.13	142.6	0.15	6.2	7.9	9.6	1.2	0.6	OME14224 0533 T571
	433	139.07	0.94	7	0.15	139.8	0.15	8.2	10.7	13.2	1.5	0.6	OME13907 0700 T571
155	257	148.82	0.89	3.53	0.1	148.8	0.1	4.2	5.6	7	1	0.4	OME14882 0353 T571
	359	145.42	0.9	5.33	0.13	145.6	0.15	6.2	7.9	9.6	1.2	0.6	OME14542 0533 T571
	434	142.24	0.94	7	0.15	142.8	0.15	8.2	10.7	13.2	1.5	0.6	OME14224 0700 T571
160	163	152.07	0.89	2.62	0.08	155.5	0.1	3.1	4.5	5.9	0.6	0.3	OME15207 0262 T571



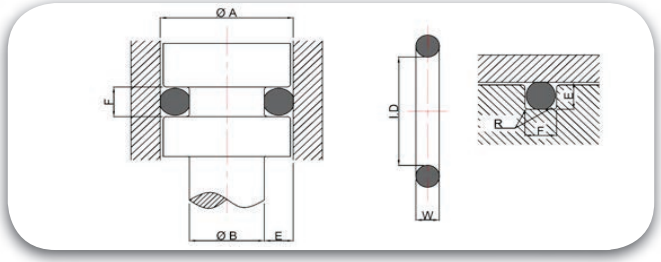
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	258	151.99	0.89	3.53	0.1	153.8	0.1	4.2	5.6	7	1	0.4	OME15199 0353 T571
	360	148.49	0.9	5.33	0.13	150.6	0.15	6.2	7.9	9.6	1.2	0.6	OME14849 0533 T571
	435	145.42	0.94	7	0.15	147.8	0.15	8.2	10.7	13.2	1.5	0.6	OME14542 0700 T571
162	361	151.77	0.9	5.33	0.13	152.6	0.15	6.2	7.9	9.6	1.2	0.6	OME15177 0533 T571
	436	148.59	0.94	7	0.15	149.8	0.15	8.2	10.7	13.2	1.5	0.6	OME14859 0700 T571
165	164	158.42	1.02	2.62	0.08	160.5	0.1	3.1	4.5	5.9	0.6	0.3	OME15842 0262 T571
	259	158.34	1.02	3.53	0.1	158.8	0.1	4.2	5.6	7	1	0.4	OME15834 0353 T571
	437	151.77	0.94	7	0.15	152.8	0.15	8.2	10.7	13.2	1.5	0.6	OME15177 0700 T571
170	165	164.77	1.02	2.62	0.08	165.5	0.1	3.1	4.5	5.9	0.6	0.3	OME16477 0262 T571
	259	158.34	1.02	3.53	0.1	163.8	0.1	4.2	5.6	7	1	0.4	OME15834 0353 T571
	362	158.12	0.9	5.33	0.13	160.6	0.15	6.2	7.9	9.6	1.2	0.6	OME15812 0533 T571
	438	158.12	1.02	7	0.15	157.8	0.15	8.2	10.7	13.2	1.5	0.6	OME15812 0700 T571
175	166	171.11	1.02	2.62	0.08	170.5	0.1	3.1	4.5	5.9	0.6	0.3	OME17111 0262 T571
	260	164.7	1.02	3.53	0.1	168.8	0.1	4.2	5.6	7	1	0.4	OME16470 0353 T571
	363	164.47	0.9	5.33	0.13	165.6	0.15	6.2	7.9	9.6	1.2	0.6	OME16447 0533 T571
	438	158.1	1.02	7	0.15	162.8	0.15	8.2	10.7	13.2	1.5	0.6	OME15810 0700 T571
180	166	171.12	1.02	2.62	0.08	175.5	0.1	3.1	4.5	5.9	0.6	0.3	OME17112 0262 T571
	261	171.05	1.02	3.53	0.1	173.8	0.1	4.2	5.6	7	1	0.4	OME17105 0353 T571
	364	170.81	0.9	5.33	0.13	170.6	0.15	6.2	7.9	9.6	1.2	0.6	OME17081 0533 T571
	439	164.46	1.02	7	0.15	167.8	0.15	8.2	10.7	13.2	1.5	0.6	OME16446 0700 T571
185	167	177.47	1.02	2.62	0.08	180.5	0.1	3.1	4.5	5.9	0.6	0.3	OME17747 0262 T571



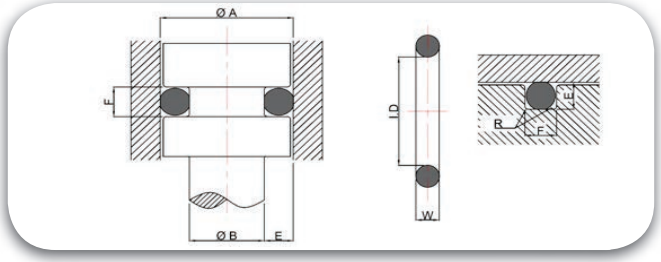
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	262	177.39	1.02	3.53	0.1	178.8	0.1	4.2	5.6	7	1	0.4	OME17739 0353 T571
	364	170.82	0.9	5.33	0.13	175.6	0.15	6.2	7.9	9.6	1.2	0.6	OME17082 0533 T571
	440	170.82	1.02	7	0.15	172.8	0.15	8.2	10.7	13.2	1.5	0.6	OME17082 0700 T571
190	168	183.82	1.14	2.62	0.08	185.5	0.1	3.1	4.5	5.9	0.6	0.3	OME18382 0262 T571
	263	183.74	1.14	3.53	0.1	183.8	0.1	4.2	5.6	7	1	0.4	OME18374 0353 T571
	365	177.17	0.9	5.33	0.13	180.6	0.15	6.2	7.9	9.6	1.2	0.6	OME17717 0533 T571
	441	177.17	1.02	7	0.15	177.8	0.15	8.2	10.7	13.2	1.5	0.6	OME17717 0700 T571
195	169	190.17	1.14	2.62	0.08	190.5	0.1	3.1	4.5	5.9	0.6	0.3	OME19017 0262 T571
	263	183.74	1.14	3.53	0.1	188.8	0.1	4.2	5.6	7	1	0.4	OME18374 0353 T571
	366	183.52	1.25	5.33	0.13	185.6	0.15	6.2	7.9	9.6	1.2	0.6	OME18352 0533 T571
	441	177.17	1.02	7	0.15	182.8	0.15	8.2	10.7	13.2	1.5	0.6	OME17717 0700 T571
200	169	190.17	1.14	2.62	0.08	195.5	0.1	3.1	4.5	5.9	0.6	0.3	OME19017 0262 T571
	264	190.09	1.14	3.53	0.1	193.8	0.1	4.2	5.6	7	1	0.4	OME09009 0353 T571
	367	189.87	1.25	5.33	0.13	190.6	0.15	6.2	7.9	9.6	1.2	0.6	OME18987 0533 T571
	442	183.52	1.14	7	0.15	187.8	0.15	8.2	10.7	13.2	1.5	0.6	OME18352 0700 T571
205	170	196.52	1.14	2.62	0.08	200.5	0.1	3.1	4.5	5.9	0.6	0.3	OME19652 0262 T571
	265	196.44	1.14	3.53	0.1	198.8	0.1	4.2	5.6	7	1	0.4	OME19644 0353 T571
	367	189.87	1.25	5.33	0.13	195.6	0.15	6.2	7.9	9.6	1.2	0.6	OME18987 0533 T571
	443	189.87	1.14	7	0.15	192.8	0.15	8.2	10.7	13.2	1.5	0.6	OME18987 0700 T571
210	171	202.87	1.14	2.62	0.08	205.5	0.1	3.1	4.5	5.9	0.6	0.3	OME20287 0262 T571
	266	202.79	1.14	3.53	0.1	203.8	0.1	4.2	5.6	7	1	0.4	OME20279 0353 T571



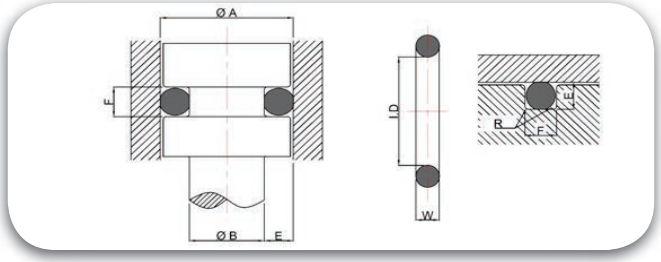
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	368	196.22	1.25	5.33	0.13	200.6	0.15	6.2	7.9	9.6	1.2	0.6	OME19622 0533 T571
	444	196.22	1.14	7	0.15	197.8	0.15	8.2	10.7	13.2	1.5	0.6	OME19622 0700 T571
215	172	209.22	1.27	2.62	0.08	210.5	0.1	3.1	4.5	5.9	0.6	0.3	OME20922 0262 T571
	266	202.87	1.14	3.53	0.1	208.8	0.1	4.2	5.6	7	1	0.4	OME20287 0353 T571
	369	202.57	1.25	5.33	0.13	205.6	0.15	6.2	7.9	9.6	1.2	0.6	OME20257 0533 T571
	445	202.57	1.14	7	0.15	203.8	0.15	8.2	10.7	13.2	1.5	0.6	OME20257 0700 T571
220	173	215.57	1.27	2.62	0.08	215.5	0.1	3.1	4.5	5.9	0.6	0.3	OME21557 0262 T571
	267	209.14	1.27	3.53	0.1	213.8	0.1	4.2	5.6	7	1	0.4	OME20914 0353 T571
	370	208.92	1.25	5.33	0.13	210.6	0.15	6.2	7.9	9.6	1.2	0.6	OME20892 0533 T571
	445	202.57	1.14	7	0.15	207.8	0.15	8.2	10.7	13.2	1.5	0.6	OME20257 0700 T571
225	173	215.57	1.27	2.62	0.08	220.5	0.1	3.1	4.5	5.9	0.6	0.3	OME21557 0262 T571
	268	215.49	1.27	3.53	0.1	218.8	0.1	4.2	5.6	7	1	0.4	OME21549 0353 T571
	371	215.27	1.25	5.33	0.13	215.6	0.15	6.2	7.9	9.6	1.2	0.6	OME21527 0533 T571
	445	202.57	1.4	7	0.15	212.8	0.15	8.2	10.7	13.2	1.5	0.6	OME20257 0700 T571
230	174	221.92	1.27	2.62	0.08	225.5	0.1	3.1	4.5	5.9	0.6	0.3	OME22192 0262 T571
	269	221.84	1.27	3.53	0.1	223.8	0.1	4.2	5.6	7	1	0.4	OME22184 0353 T571
	371	215.27	1.25	5.33	0.13	220.6	0.15	6.2	7.9	9.6	1.2	0.6	OME21527 0533 T571
	446	215.27	1.4	7	0.15	217.8	0.15	8.2	10.7	13.2	1.5	0.6	OME21527 0700 T571
235	175	228.27	1.27	2.62	0.08	230.5	0.1	3.1	4.5	5.9	0.6	0.3	OME22127 0262 T571
	270	228.19	1.27	3.53	0.1	228.8	0.1	4.2	5.6	7	1	0.4	OME22819 0353 T571
	372	221.62	1.25	5.33	0.13	225.6	0.15	6.2	7.9	9.6	1.2	0.6	OME22162 0533 T571



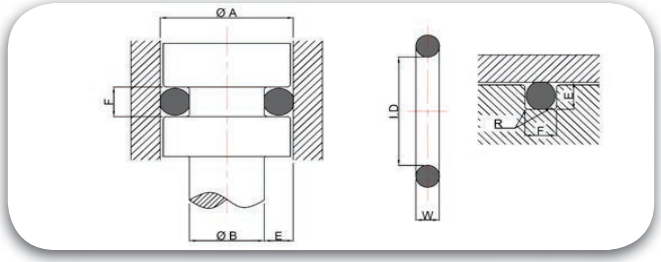
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	446	215.27	1.4	7	0.15	222.8	0.15	8.2	10.7	13.2	1.5	0.6	OME21527 0700 T571
240	176	234.62	1.4	2.62	0.08	235.5	0.1	3.1	4.5	5.9	0.6	0.3	OME23462 0262 T571
	270	228.19	1.27	3.53	0.1	233.8	0.1	4.2	5.6	7	1	0.4	OME22819 0353 T571
	373	227.97	1.25	5.33	0.13	230.6	0.15	6.2	7.9	9.6	1.2	0.6	OME22797 0533 T571
	447	227.97	1.4	7	0.15	227.8	0.15	8.2	10.7	13.2	1.5	0.6	OME22797 0700 T571
245	176	234.62	1.4	2.62	0.08	240.5	0.1	3.1	4.5	5.9	0.6	0.3	OME23462 0262 T571
	271	234.54	1.4	3.53	0.1	238.8	0.1	4.2	5.6	7	1	0.4	OME23454 0353 T571
	374	234.32	1.25	5.33	0.13	235.6	0.15	6.2	7.9	9.6	1.2	0.6	OME23432 0533 T571
	447	227.97	1.4	7	0.15	232.8	0.15	8.2	10.7	13.2	1.5	0.6	OME22797 0700 T571
250	177	240.97	1.4	2.62	0.08	245.5	0.1	3.1	4.5	5.9	0.6	0.3	OME24097 0262 T571
	272	240.89	1.4	3.53	0.1	243.8	0.1	4.2	5.6	7	1	0.4	OME24089 0353 T571
	375	240.67	1.25	5.33	0.13	240.6	0.15	6.2	7.9	9.6	1.2	0.6	OME24067 0533 T571
	447	227.97	1.4	7	0.15	237.8	0.15	8.2	10.7	13.2	1.5	0.6	OME22797 0700 T571
260	178	247.32	1.4	2.62	0.08	255.5	0.1	3.1	4.5	5.9	0.6	0.3	OME24732 0262 T571
	273	247.25	1.4	3.53	0.1	253.8	0.1	4.2	5.6	7	1	0.4	OME24725 0353 T571
	376	247.02	1.25	5.33	0.13	250.6	0.15	6.2	7.9	9.6	1.2	0.6	OME24702 0533 T571
	448	240.7	1.4	7	0.15	247.8	0.15	8.2	10.7	13.2	1.5	0.6	OME24070 0700 T571
270	274	253.6	1.4	3.53	0.1	263.8	0.1	4.2	5.6	7	1	0.4	OME25360 0353 T571
	377	253.37	1.25	5.33	0.13	260.6	0.15	6.2	7.9	9.6	1.2	0.6	OME25337 0533 T571
	449	253.4	1.4	7	0.15	257.8	0.15	8.2	10.7	13.2	1.5	0.6	OME25340 0700 T571
280	275	266.29	1.4	3.53	0.1	273.8	0.1	4.2	5.6	7	1	0.4	OME26629 0353 T571



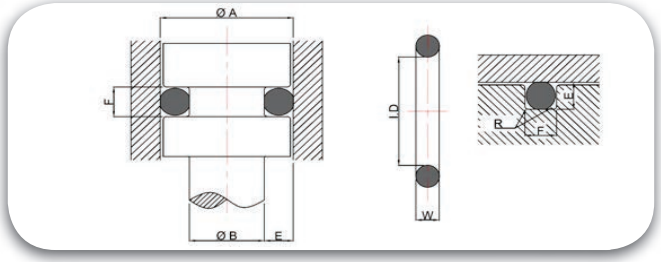
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	378	266.07	1.25	5.33	0.13	270.6	0.15	6.2	7.9	9.6	1.2	0.6	OME26607 0533 T571
	450	266.1	1.52	7	0.15	267.8	0.15	8.2	10.7	13.2	1.5	0.6	OME26610 0700 T571
290	276	278.99	1.65	3.53	0.1	283.8	0.1	4.2	5.6	7	1	0.4	OME27899 0353 T571
	379	278.77	1.25	5.33	0.13	280.6	0.15	6.2	7.9	9.6	1.2	0.6	OME27877 0533 T571
	450	266.1	1.52	7	0.15	277.8	0.15	8.2	10.7	13.2	1.5	0.6	OME26610 0700 T571
300	277	291.69	1.65	3.53	0.1	293.8	0.1	4.2	5.6	7	1	0.4	OME29169 0353 T571
	379	278.77	1.25	5.33	0.13	290.6	0.15	6.2	7.9	9.6	1.2	0.6	OME27877 0533 T571
	451	278.77	1.52	7	0.15	287.8	0.15	8.2	10.7	13.2	1.5	0.6	OME27877 0700 T571
310	277	291.69	1.65	3.53	0.1	303.8	0.1	4.2	5.6	7	1	0.4	OME29169 0353 T571
	380	291.47	1.25	5.33	0.13	300.6	0.15	6.2	7.9	9.6	1.2	0.6	OME29147 0533 T571
	452	291.47	1.52	7	0.15	297.8	0.15	8.2	10.7	13.2	1.5	0.6	OME29147 0700 T571
320	278	304.39	1.65	3.53	0.1	313.8	0.1	4.2	5.6	7	1	0.4	OME30437 0353 T571
	381	304.17	1.25	5.33	0.13	310.6	0.15	6.2	7.9	9.6	1.2	0.6	OME30417 0533 T571
	453	304.2	1.52	7	0.15	307.8	0.15	8.2	10.7	13.2	1.5	0.6	OME30420 0700 T571
330	278	304.39	1.65	3.53	0.1	323.8	0.1	4.2	5.6	7	1	0.4	OME30439 0353 T571
	381	304.17	1.25	5.33	0.13	320.6	0.15	6.2	7.9	9.6	1.2	0.6	OME30417 0533 T571
	454	316.9	1.52	7	0.15	317.8	0.15	8.2	10.7	13.2	1.5	0.6	OME31690 0700 T571
340	279	329.79	1.65	3.53	0.1	333.8	0.1	4.2	5.6	7	1	0.4	OME32979 0353 T571
	382	329.57	1.25	5.33	0.13	330.6	0.15	6.2	7.9	9.6	1.2	0.6	OME32957 0533 T571
	454	316.9	1.52	7	0.15	327.8	0.15	8.2	10.7	13.2	1.5	0.6	OME31690 0700 T571
350	279	329.79	1.65	3.53	0.1	343.8	0.1	4.2	5.6	7	1	0.4	OME32979 0353 T571



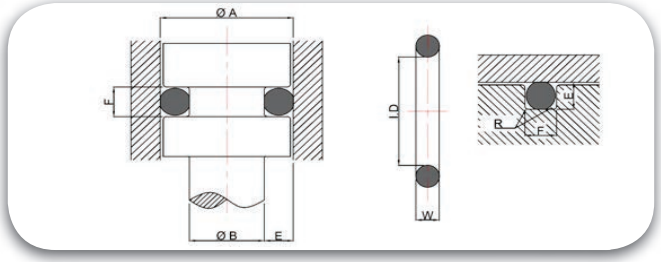
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	382	329.57	1.25	5.33	0.13	340.6	0.15	6.2	7.9	9.6	1.2	0.6	OME32957 0533 T571
	455	329.6	1.52	7	0.15	337.8	0.15	8.2	10.7	13.2	1.5	0.6	OME32960 0700 T571
360	280	355.19	1.65	3.53	0.1	353.8	0.1	4.2	5.6	7	1	0.4	OME35519 0353 T571
	382	329.57	1.25	5.33	0.13	350.6	0.15	6.2	7.9	9.6	1.2	0.6	OME32957 0533 T571
	456	342.3	1.78	7	0.15	347.8	0.15	8.2	10.7	13.2	1.5	0.6	OME34230 0700 T571
370	280	355.19	1.65	3.53	0.1	363.8	0.1	4.2	5.6	7	1	0.4	OME35519 0353 T571
	383	354.97	1.25	5.33	0.13	360.6	0.15	6.2	7.9	9.6	1.2	0.6	OME35497 0533 T571
	457	355	1.78	7	0.15	357.8	0.15	8.2	10.7	13.2	1.5	0.6	OME35500 0700 T571
380	280	355.19	1.65	3.53	0.1	373.8	0.1	4.2	5.6	7	1	0.4	OME35519 0353 T571
	383	354.97	1.25	5.33	0.13	370.6	0.15	6.2	7.9	9.6	1.2	0.6	OME35497 0533 T571
	458	367.7	1.78	7	0.15	367.8	0.15	8.2	10.7	13.2	1.5	0.6	OME36770 0700 T571
390	281	380.59	1.65	3.53	0.1	383.8	0.1	4.2	5.6	7	1	0.4	OME38059 0353 T571
	384	380.37	1.25	5.33	0.13	380.6	0.15	6.2	7.9	9.6	1.2	0.6	OME38037 0533 T571
	458	367.67	1.78	7	0.15	377.8	0.15	8.2	10.7	13.2	1.5	0.6	OME36767 0700 T571
400	281	380.59	1.65	3.53	0.1	393.8	0.1	4.2	5.6	7	1	0.4	OME38059 0353 T571
	384	380.37	1.25	5.33	0.13	390.6	0.15	6.2	7.9	9.6	1.2	0.6	OME38037 0533 T571
	459	380.37	1.78	7	0.15	387.8	0.15	8.2	10.7	13.2	1.5	0.6	OME38037 0700 T571
410	282	405.26	2.15	3.53	0.1	403.8	0.1	4.2	5.6	7	1	0.4	OME40526 0353 T571
	384	380.37	1.25	5.33	0.13	400.6	0.15	6.2	7.9	9.6	1.2	0.6	OME38037 0533 T571
	460	393.07	1.78	7	0.15	397.8	0.15	8.2	10.7	13.2	1.5	0.6	OME39307 0700 T571
420	282	405.26	2.15	3.53	0.1	413.8	0.1	4.2	5.6	7	1	0.4	OME40526 0353 T571



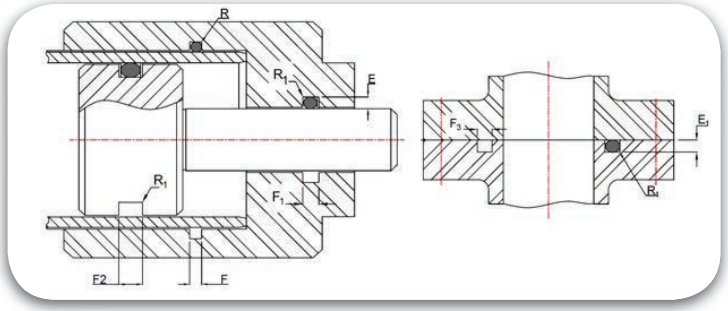
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	385	405.26	1.9	5.33	0.13	410.6	0.15	6.2	7.9	9.6	1.2	0.6	OME40526 0533 T571
	461	405.26	2	7	0.15	407.8	0.15	8.2	10.7	13.2	1.5	0.6	OME40526 0700 T571
430	282	405.26	2.15	3.53	0.1	423.8	0.1	4.2	5.6	7	1	0.4	OME40526 0353 T571
	385	405.26	1.9	5.33	0.13	420.6	0.15	6.2	7.9	9.6	1.2	0.6	OME40526 0533 T571
	462	417.96	2	7	0.15	417.8	0.15	8.2	10.7	13.2	1.5	0.6	OME41796 0700 T571
440	283	430.66	2.15	3.53	0.1	433.8	0.1	4.2	5.6	7	1	0.4	OME43066 0353 T571
	386	430.65	1.9	5.33	0.13	430.6	0.15	6.2	7.9	9.6	1.2	0.6	OME43065 0533 T571
	462	417.96	2	7	0.15	427.8	0.15	8.2	10.7	13.2	1.5	0.6	OME41796 0700 T571
450	283	430.66	2.15	3.53	0.1	443.8	0.1	4.2	5.6	7	1	0.4	OME43066 0353 T571
	386	430.65	1.9	5.33	0.13	440.6	0.15	6.2	7.9	9.6	1.2	0.6	OME43065 0533 T571
	463	430.65	2	7	0.15	437.8	0.15	8.2	10.7	13.2	1.5	0.6	OME43065 0700 T571
460	283	430.66	2.15	3.53	0.1	453.8	0.1	4.2	5.6	7	1	0.4	OME43066 0353 T571
	386	430.65	1.9	5.33	0.13	450.6	0.15	6.2	7.9	9.6	1.2	0.6	OME43065 0533 T571
	464	443.36	2	7	0.15	447.8	0.15	8.2	10.7	13.2	1.5	0.6	OME44336 0700 T571
470	284	456.06	2.15	3.53	0.1	463.8	0.1	4.2	5.6	7	1	0.4	OME45606 0353 T571
	387	456.06	1.9	5.33	0.13	460.6	0.15	6.2	7.9	9.6	1.2	0.6	OME45606 0533 T571
	465	456.06	2	7	0.15	457.8	0.15	8.2	10.7	13.2	1.5	0.6	OME45606 0700 T571
480	284	456.06	2.15	3.53	0.1	473.8	0.1	4.2	5.6	7	1	0.4	OME45606 0353 T571
	387	456.06	1.9	5.33	0.13	470.6	0.15	6.2	7.9	9.6	1.2	0.6	OME45606 0533 T571
	465	456.06	2	7	0.15	467.8	0.15	8.2	10.7	13.2	1.5	0.6	OME45606 0700 T571
490	387	456.06	1.9	5.33	0.13	480.6	0.15	6.2	7.9	9.6	1.2	0.6	OME45606 0533 T571



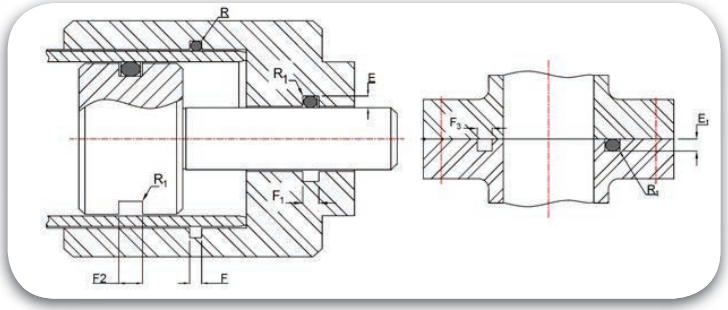
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
	466	468.76	2	7	0.15	477.8	0.15	8.2	10.7	13.2	1.5	0.6	OME46876 0700 T571
500	388	481.38	1.9	5.33	0.13	490.6	0.15	6.2	7.9	9.6	1.2	0.6	OME48138 0533 T571
	467	481.46	2	7	0.15	487.8	0.15	8.2	10.7	13.2	1.5	0.6	OME48146 0700 T571
510	389	481.38	1.9	5.33	0.13	500.6	0.15	6.2	7.9	9.6	1.2	0.6	OME48138 0533 T571
	469	494.16	2	7	0.15	497.8	0.15	8.2	10.7	13.2	1.5	0.6	OME49416 0700 T571
520	389	506.78	1.9	5.33	0.13	510.6	0.15	6.2	7.9	9.6	1.2	0.6	OME50678 0533 T571
	469	506.86	2	7	0.15	507.8	0.15	8.2	10.7	13.2	1.5	0.6	OME50686 0700 T571
530	389	506.78	1.9	5.33	0.13	520.6	0.15	6.2	7.9	9.6	1.2	0.6	OME50678 0533 T571
	469	506.86	2	7	0.15	517.8	0.15	8.2	10.7	13.2	1.5	0.6	OME50686 0700 T571
540	390	532.18	1.9	5.33	0.13	530.6	0.15	6.2	7.9	9.6	1.2	0.6	OME53218 0533 T571
	469	506.86	2	7	0.15	527.8	0.15	8.2	10.7	13.2	1.5	0.6	OME50686 0700 T571
550	390	532.18	1.9	5.33	0.13	540.6	0.15	6.2	7.9	9.6	1.2	0.6	OME53218 0533 T571
	470	532.26	2	7	0.15	537.8	0.15	8.2	10.7	13.2	1.5	0.6	OME53226 0700 T571
560	390	532.18	1.9	5.33	0.13	550.6	0.15	6.2	7.9	9.6	1.2	0.6	OME53218 0533 T571
	ASA 100	545.47	2.55	7	0.15	547.8	0.15	8.2	10.7	13.2	1.5	0.6	OME54547 0700 T571
570	391	557.58	1.9	5.33	0.13	560.6	0.15	6.2	7.9	9.6	1.2	0.6	OME55758 0533 T571
	471	557.66	2	7	0.15	557.8	0.15	8.2	10.7	13.2	1.5	0.6	OME55766 0700 T571
580	391	557.58	1.9	5.33	0.13	570.6	0.15	6.2	7.9	9.6	1.2	0.6	OME55758 0533 T571
	471	557.66	2	7	0.15	567.8	0.15	8.2	10.7	13.2	1.5	0.6	OME55766 0700 T571
590	391	557.58	1.9	5.33	0.13	580.6	0.15	6.2	7.9	9.6	1.2	0.6	OME55758 0533 T571
	471	557.66	2	7	0.15	577.8	0.15	8.2	10.7	13.2	1.5	0.6	OME55766 0700 T571



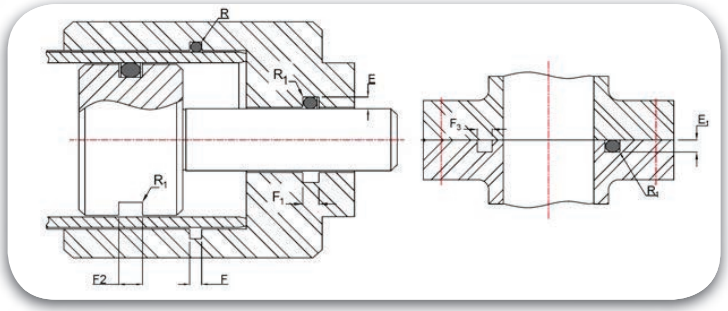
Bore Ø "A" mm	O-Ring Dimensions					Groove Dimensions					Radius		TRIADA® Part Number
	Part No.	Inner Dia. I.D		Width "W"		Groove Dia. ØB		Groove Width without back-up ring	Groove Width with 1 back-up ring	Groove Width with 2 back-up ring	Without back-up ring	With back-up ring	
		I.D mm	Tol ±mm	W mm	Tol ±mm	ØB mm	Tol ±mm	"F" mm	"F1" mm	"F2" mm	R mm	R mm	
600	392	582.68	2.4	5.33	0.13	590.6	0.15	6.2	7.9	9.6	1.2	0.6	OME58268 0533 T571
	472	582.68	2.4	7	0.15	587.8	0.15	8.2	10.7	13.2	1.5	0.6	OME58268 0700 T571
610	392	582.68	2.4	5.33	0.13	600.6	0.15	6.2	7.9	9.6	1.2	0.6	OME58268 0533 T571
	ASA 104	596.27	2.8	7	0.15	597.8	0.15	8.2	10.7	13.2	1.5	0.6	OME59627 0700 T571
620	393	608.08	2.4	5.33	0.13	610.6	0.15	6.2	7.9	9.6	1.2	0.6	OME60808 0533 T571
	ASA 104	596.27	2.8	7	0.15	607.8	0.15	8.2	10.7	13.2	1.5	0.6	OME59627 0700 T571
630	393	608.08	2.4	5.33	0.13	620.6	0.15	6.2	7.9	9.6	1.2	0.6	OME60808 0533 T571
	473	608.08	2.4	7	0.15	617.8	0.15	8.2	10.7	13.2	1.5	0.6	OME60808 0700 T571
640	393	608.08	2.4	5.33	0.13	630.6	0.15	6.2	7.9	9.6	1.2	0.6	OME60808 0533 T571
	473	608.08	2.4	7	0.15	627.8	0.15	8.2	10.7	13.2	1.5	0.6	OME60808 0700 T571
650	394	633.48	2.4	5.33	0.13	640.6	0.15	6.2	7.9	9.6	1.2	0.6	OME63348 0533 T571
	474	633.48	2.4	7	0.15	637.8	0.15	8.2	10.7	13.2	1.5	0.6	OME63348 0700 T571
660	394	633.48	2.4	5.33	0.13	650.6	0.15	6.2	7.9	9.6	1.2	0.6	OME63348 0533 T571
	ASA 108	647.07	3.05	7	0.15	647.8	0.15	8.2	10.7	13.2	1.5	0.6	OME64707 0700 T571
670	395	658.88	2.4	5.33	0.13	660.6	0.15	6.2	7.9	9.6	1.2	0.6	OME65888 0533 T571
	ASA 108	647.07	3.05	7	0.15	657.8	0.15	8.2	10.7	13.2	1.5	0.6	OME64707 0700 T571
680	395	658.88	2.4	5.33	0.13	670.6	0.15	6.2	7.9	9.6	1.2	0.6	OME65888 0533 T571
	475	658.88	2.4	7	0.15	667.8	0.15	8.2	10.7	13.2	1.5	0.6	OME65888 0700 T571
690	395	658.88	2.4	5.33	0.13	680.6	0.15	6.2	7.9	9.6	1.2	0.6	OME65888 0533 T571
	475	658.88	2.4	7	0.15	677.8	0.15	8.2	10.7	13.2	1.5	0.6	OME65888 0700 T571
700	475	658.88	2.4	7	0.15	687.8	0.15	8.2	10.7	13.2	1.5	0.6	OME65888 0700 T571



Sr. No.	Cross Section W (mm)	Radial Dynamic and Static				Axial-Static		Radius	
		Groove Depth E (mm) Tol. + 0.05	Groove Width F (mm) Tol. + 0.2	Groove Width with 1 Back-up Ring F_1 (mm) Tol. + 0.2	Groove Width with 2 Back-up Ring F_2 (mm) Tol. + 0.2	Groove Depth E_1 (mm) Tol. + 0.2	Groove Width F_3 (mm) Tol. + 0.2	Without Back-up Ring R (mm)	With Back-up Ring R_1 (mm)
1	0.4	0.28	0.6	-	-	0.26	0.3	-	-
2	0.5	0.35	0.7	-	-	0.35	0.7	-	-
3	0.6	0.45	0.8	-	-	0.4	0.8	-	-
4	1.00 and 1.02	0.8	1.4	-	-	0.65	1.4	0.2	-
5	1.10, 1.12 and 1.15	0.9	1.5	-	-	0.75	1.5	0.2	-
6	1.2	0.95	1.7	-	-	0.8	1.7	0.2	-
7	1.25 and 1.27	1	1.8	-	-	0.85	1.8	0.2	-
8	1.3	1.05	1.8	-	-	0.9	1.8	0.2	-
9	1.42 and 1.45	1.15	1.9	-	-	0.95	1.9	0.2	-
10	1.50 and 1.52	1.2	1.9	2.9	3.9	1	2.1	0.2	0.2
11	1.57, 1.60 and 1.63	1.3	2	3	4	1.1	2.2	0.3	0.2
12	1.78 and 1.80	1.45	2.2	3.6	5	1.2	2.4	0.4	0.2
13	1.83	1.5	2.3	3.7	5.1	1.25	2.4	0.5	0.2
14	1.90, 1.98, 2.00 and 2.02	1.65	2.5	3.9	5.3	1.4	2.5	0.5	0.2
15	2.08 and 2.10	1.7	2.6	4	5.4	1.45	2.8	0.5	0.2
16	2.20 and 2.21	1.85	2.7	4.1	5.5	1.55	2.9	0.5	0.3
17	2.26	1.85	2.8	4.2	5.6	1.55	3	0.5	0.3



Sr. No.	Cross Section W (mm)	Radial Dynamic and Static				Axial-Static		Radius	
		Groove Depth E (mm) Tol. + 0.05	Groove Width F (mm) Tol. + 0.2	Groove Width with 1 Back-up Ring F_1 (mm) Tol. + 0.2	Groove Width with 2 Back-up Ring F_2 (mm) Tol. + 0.2	Groove Depth E_1 (mm) Tol. + 0.2	Groove Width F_3 (mm) Tol. + 0.2	Without Back-up Ring R (mm)	With Back-up Ring R_1 (mm)
18	2.3	1.9	2.8	4.2	5.6	1.6	3	0.5	0.3
19	2.4	2	2.9	4.3	5.7	1.7	3.2	0.5	0.3
20	2.46	2.05	3	4.4	5.8	1.75	3.3	0.5	0.3
21	2.5	2.1	3	4.4	5.8	1.8	3.4	0.5	0.3
22	2.60, 2.62 and 2.65	2.25	3.1	4.5	5.9	1.9	3.6	0.6	0.3
23	2.70 and 2.75	2.3	3.4	4.8	6.2	1.95	3.7	0.6	0.3
24	2.95 and 3.00	2.5	3.6	5	6.4	2.2	3.9	0.8	0.3
25	3.15	2.7	3.8	5.2	6.6	2.3	4	0.8	0.4
26	3.50, 3.53, 3.55 and 3.60	3.1	4.2	5.6	7	2.7	4.8	1	0.4
27	4	3.5	4.7	6.4	8.1	3.1	5.4	1	0.4
28	4.5	4	5.2	6.9	8.3	3.4	6	1	0.4
29	5	4.3	6	7.7	9.4	3.9	6.7	1	0.4
30	5.30 and 5.33	4.7	6.2	7.9	9.6	4.3	7.1	1.2	0.6
31	5.5	4.8	6.4	8.1	9.8	4.4	7.3	1.2	0.6
32	5.70 and 5.80	5	6.7	8.4	10.1	4.6	7.7	1.2	0.6
33	6	5.3	6.9	8.6	10.3	4.8	8.2	1.2	0.6
34	6.30 and 6.35	5.6	7.3	9	10.7	5.1	8.7	1.2	0.6



Sr. No.	Cross Section W (mm)	Radial Dynamic and Static				Axial-Static		Radius	
		Groove Depth E (mm) Tol. + 0.05	Groove Width F (mm) Tol. + 0.2	Groove Width with 1 Back-up Ring F_1 (mm) Tol. + 0.2	Groove Width with 2 Back-up Ring F_2 (mm) Tol. + 0.2	Groove Depth E_1 (mm) Tol. + 0.2	Groove Width F_3 (mm) Tol. + 0.2	Without Back-up Ring R (mm)	With Back-up Ring R_1 (mm)
35	6.5	5.7	7.6	9.3	11	5.4	8.9	1.2	0.6
36	6.99 and 7.00	6.1	8.2	10.7	13.2	5.8	9.5	1.5	0.6
37	7.2	6.2	8.5	11	13.5	5.9	9.8	1.5	0.6
38	7.5	6.5	8.8	11.3	13.8	6.2	10.4	1.5	0.6
39	8	7	9.3	11.8	14.3	6.6	11	1.5	0.6
40	8.2	7.1	9.6	12.1	14.6	6.7	11.2	1.5	0.6
41	8.4	7.5	9.7	12.2	14.7	6.9	11.7	2	0.6
42	9	7.8	10.6	13.1	15.6	7.4	12.5	2	0.6
43	9.5	8.3	11.1	13.6	16.1	7.8	13.3	2	0.6
44	10	8.7	11.7	14.2	16.7	8.3	13.5	2	0.6
45	11	9.6	12.9	15.4	17.9	9.1	15.5	3	0.6
46	12	10.5	14	16.5	19	10.3	16.8	3	0.6
47	14	12.2	16.4	18.9	21.4	11.6	19	3	0.6
48	15	13.2	17.4	19.9	22.4	12.5	20	3	0.6
49	16	14	18.7	21.2	23.7	13.5	21.5	3	0.6

O-Ring JIS2401 Sizes "P" Style:

Size	Actual Size (mm)			
	I.D.	±	W	±
P3	2.8	0.14	1.9	0.08
P4	3.8	0.14	1.9	0.08
P5	4.8	0.15	1.9	0.08
P6	5.8	0.15	1.9	0.08
P7	6.8	0.16	1.9	0.08
P8	7.8	0.16	1.9	0.08
P9	8.8	0.17	1.9	0.08
P010	9.8	0.17	1.9	0.08
P010A	9.8	0.17	2.4	0.09
P011	10.8	0.18	2.4	0.09
P011.2	11	0.18	2.4	0.09
P012	11.8	0.19	2.4	0.09
P012.5	12.3	0.19	2.4	0.09
P014	13.8	0.19	2.4	0.09
P015	14.8	0.2	2.4	0.09
P016	15.8	0.2	2.4	0.09
P018	17.8	0.2	2.4	0.09
P020	19.8	0.22	2.4	0.09
P021	20.8	0.23	2.4	0.09
P022	21.8	0.24	2.4	0.09
P022A	21.7	0.24	3.5	0.1
P022.4	22.1	0.24	3.5	0.1
P024	23.7	0.24	3.5	0.1
P025	24.7	0.25	3.5	0.1
P25.5	25.2	0.25	3.5	0.1
P26	25.7	0.26	3.5	0.1
P28	27.7	0.28	3.5	0.1

Size	Actual Size (mm)			
	I.D.	±	W	±
P29	28.7	0.29	3.5	0.1
P29.5	29.2	0.29	3.5	0.1
P30	29.7	0.29	3.5	0.1
P31	30.7	0.3	3.5	0.1
P31.5	31.2	0.31	3.5	0.1
P32	31.7	0.31	3.5	0.1
P34	33.7	0.33	3.5	0.1
P35	34.7	0.34	3.5	0.1
P35.5	35.2	0.34	3.5	0.1
P36	35.7	0.34	3.5	0.1
P38	37.7	0.37	3.5	0.1
P39	38.7	0.37	3.5	0.1
P40	39.7	0.37	3.5	0.1
P41	40.7	0.38	3.5	0.1
P42	41.7	0.39	3.5	0.1
P44	43.7	0.41	3.5	0.1
P45	44.7	0.41	3.5	0.1
P46	45.7	0.42	3.5	0.1
P48	47.7	0.44	3.5	0.1
P49	48.7	0.45	3.5	0.1
P50	49.7	0.45	3.5	0.1
P48A	47.6	0.44	3.5	0.1
P50A	49.6	0.45	3.5	0.1
P52	51.6	0.47	5.7	0.13
P53	52.6	0.48	5.7	0.13
P55	54.6	0.49	5.7	0.13
P56	55.6	0.5	5.7	0.13

Size	Actual Size (mm)			
	I.D.	±	W	±
P58	57.6	0.52	5.7	0.13
P60	59.6	0.53	5.7	0.13
P62	61.6	0.55	5.7	0.13
P63	62.6	0.56	5.7	0.13
P65	64.6	0.57	5.7	0.13
P67	66.6	0.59	5.7	0.13
P70	69.6	0.61	5.7	0.13
P71	70.6	0.62	5.7	0.13
P75	74.6	0.65	5.7	0.13
P80	79.6	0.69	5.7	0.13
P85	84.6	0.73	5.7	0.13
P90	89.6	0.77	5.7	0.13
P95	94.6	0.81	5.7	0.13
P100	99.6	0.84	5.7	0.13
P102	101.6	0.85	5.7	0.13
P105	104.6	0.87	5.7	0.13
P110	109.6	0.91	5.7	0.13
P112	111.6	0.92	5.7	0.13
P115	114.6	0.94	5.7	0.13
P120	119.6	0.98	5.7	0.13
P125	124.6	0.10	5.7	0.13
P130	129.6	0.11	5.7	0.13
P132	131.6	0.11	5.7	0.13
P135	134.6	0.11	5.7	0.13
P140	139.6	0.11	5.7	0.13
P145	144.6	0.12	5.7	0.13
P150	149.6	0.12	5.7	0.13

O-Ring JIS2401 Sizes "P" Style:

Size	Actual Size (mm)			
	I.D.	±	W	±
P150A	149.6	0.12	8.4	0.15
P155	154.5	0.12	8.4	0.15
P160	159.5	0.13	8.4	0.15
P165	164.5	0.13	8.4	0.15
P170	169.5	0.13	8.4	0.15
P175	174.5	0.14	8.4	0.15
P180	179.5	0.14	8.4	0.15
P185	184.5	0.14	8.4	0.15
P190	189.5	0.15	8.4	0.15
P195	194.5	0.15	8.4	0.15
P200	199.5	0.16	8.4	0.15
P205	204.5	0.16	8.4	0.15
P209	208.5	0.16	8.4	0.15
P210	209.5	0.16	8.4	0.15

Size	Actual Size (mm)			
	I.D.	±	W	±
P215	214.5	0.17	8.4	0.15
P220	219.5	0.17	8.4	0.15
P225	224.5	0.17	8.4	0.15
P230	229.5	0.18	8.4	0.15
P235	234.5	0.18	8.4	0.15
P240	239.5	0.18	8.4	0.15
P245	244.5	0.18	8.4	0.15
P250	249.5	0.19	8.4	0.15
P255	254.5	0.19	8.4	0.15
P260	259.5	0.19	8.4	0.15
P265	264.5	0.20	8.4	0.15
P270	269.5	0.20	8.4	0.15
P275	274.5	0.20	8.4	0.15
P280	279.5	0.21	8.4	0.15

Size	Actual Size (mm)			
	I.D.	±	W	±
P285	284.5	0.21	8.4	0.15
P290	289.5	0.21	8.4	0.15
P295	294.5	0.22	8.4	0.15
P300	299.5	0.22	8.4	0.15
P315	314.5	0.23	8.4	0.15
P320	319.5	0.23	8.4	0.15
P335	334.5	0.24	8.4	0.15
P340	339.5	0.25	8.4	0.15
P355	354.5	0.25	8.4	0.15
P360	359.5	0.26	8.4	0.15
P375	374.5	0.27	8.4	0.15
P385	384.5	0.27	8.4	0.15
P400	399.5	0.28	8.4	0.15

O-Ring JIS2401 Sizes "G" Style:

Size	Actual Size (mm)			
	I.D.	±	W	±
G025	24.4	0.25	3.1	0.1
G030	29.4	0.29	3.1	0.1
G035	34.4	0.33	3.1	0.1
G040	39.4	0.37	3.1	0.1
G045	44.4	0.41	3.1	0.1
G050	49.4	0.45	3.1	0.1
G055	54.4	0.49	3.1	0.1
G060	59.4	0.53	3.1	0.1
G065	64.4	0.57	3.1	0.1

Size	Actual Size (mm)			
	I.D.	±	W	±
G070	69.4	0.61	3.1	0.1
G075	74.4	0.65	3.1	0.1
G080	79.4	0.69	3.1	0.1
G085	84.4	0.73	3.1	0.1
G090	89.4	0.77	3.1	0.1
G095	94.4	0.81	3.1	0.1
G100	99.4	0.85	3.1	0.1
G105	104.4	0.87	3.1	0.1
G110	109.4	0.91	3.1	0.1

Size	Actual Size (mm)			
	I.D.	±	W	±
G115	114.4	0.94	3.1	0.1
G120	119.4	0.98	3.1	0.1
G125	124.4	0.10	3.1	0.1
G130	129.4	0.11	3.1	0.1
G135	134.4	0.11	3.1	0.1
G140	139.4	0.11	3.1	0.15
G145	144.4	0.12	3.1	0.15
G150	149.3	0.12	5.7	0.13
G155	154.3	0.12	5.7	0.13

O-Ring JIS2401 Sizes “G” Style:

Size	Actual Size (mm)			
	I.D.	±	W	±
G160	159.3	0.13	5.7	0.13
G165	164.3	0.13	5.7	0.13
G170	169.3	0.13	5.7	0.13
G175	174.3	0.14	5.7	0.13
G180	179.3	0.14	5.7	0.13
G185	184.3	0.14	5.7	0.13
G190	189.3	0.15	5.7	0.13

Size	Actual Size (mm)			
	I.D.	±	W	±
G195	194.3	0.15	5.7	0.13
G200	199.3	0.16	5.7	0.13
G210	209.3	0.16	5.7	0.13
G220	219.3	0.17	5.7	0.13
G230	229.3	0.17	5.7	0.13
G240	239.3	0.18	5.7	0.13
G250	249.3	0.19	5.7	0.13

Size	Actual Size (mm)			
	I.D.	±	W	±
G260	259.3	0.19	5.7	0.13
G270	269.3	0.20	5.7	0.13
G280	279.3	0.21	5.7	0.13
G290	289.3	0.21	5.7	0.13
G300	299.3	0.22	5.7	0.13

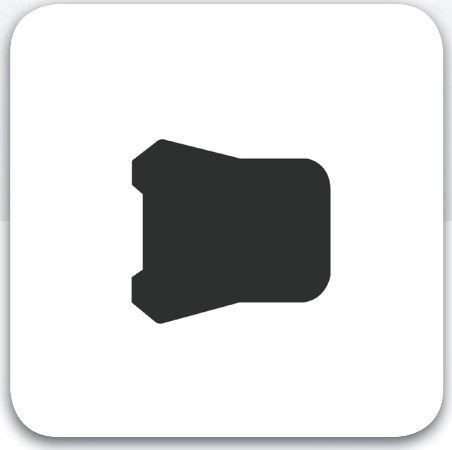
TRIADA

MAE

Static Seals

#SealingExcellence



Description

MAE Flange seal is a significant development in all static applications where a normal NBR O-ring would not resist to high pressure and coupling clearance. The specific profile and the high modulus of elasticity, together with an excellent compression set, avoid extrusion and leakage problems in the tube flanging.

Diameter Range	Ø18.00 – Ø63-80
Standard material	TRIATHANE® T479(PU)
Temperature(C)	-35° C to 110° C
Fluids	Hydraulic fluids (Mineral Oil based).
Pressure	< 400 bar (Please consult Triada® Technologies for applications above 400bar)

Material Details

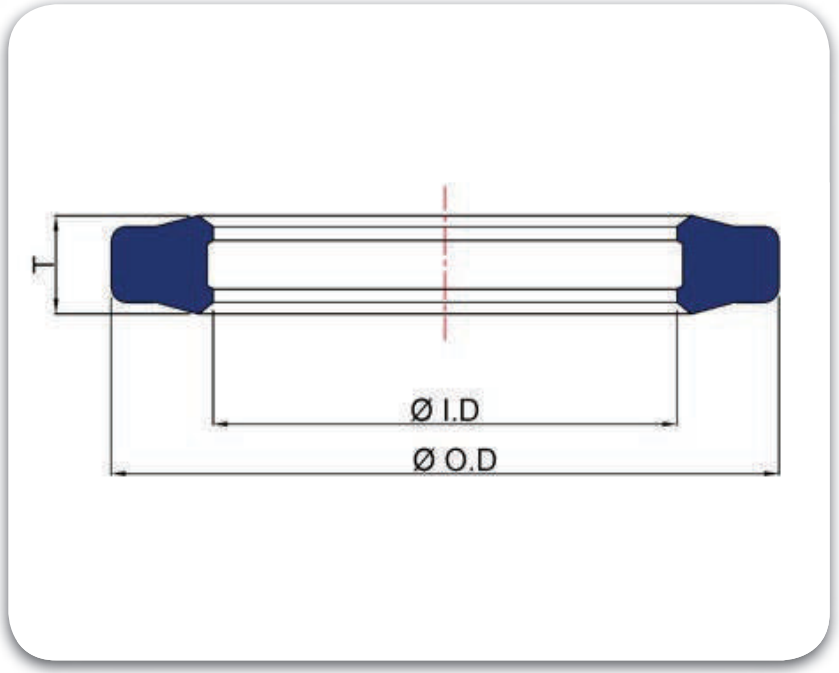
Material	Code
TRIATHANE® Poly-Urethane	T479

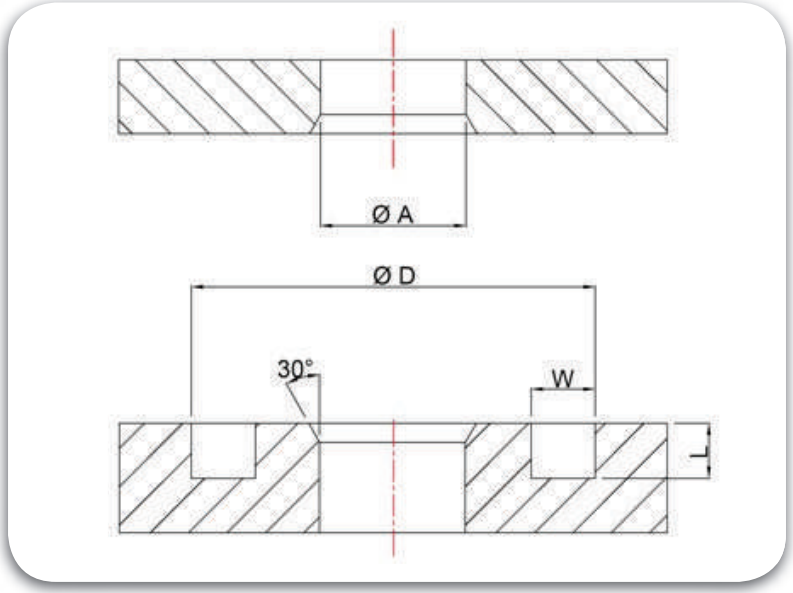
Nomenclature

Part No	MAE	02540	0394	0279	T479
	TRIADA TYPE	Groove OD x 10	Groove Width x 10	Groove Depth X 10	Seal Material Code



Seal Dimensions				
Sl. No.	Nominal Flange Size	O.D	I.D	Thickness "T"
1	1/2"	25.60	18.00	3.5
2	3/4"	31.80	24.20	3.5
3	1"	39.80	32.20	3.5
4	1 1/4"	44.80	37.20	3.5
5	1 1/2"	54.30	46.70	3.5
6	2"	63.80	56.20	3.5





Groove Dimensions						
Sl. No.	Nominal Flange Size	Ø "A"	Ø "D" min. - max.	Width "W" min. - max	Depth "L" min. - max	TRIADA® Part Numbers
1	1/2"	13	25.40 - 25.83	3.94 - 4.45	2.79 - 2.92	MAE02540 0394 0279 T479
2	3/4"	19	31.75 - 31.88	3.94 - 4.45	2.79 - 2.92	MAE03175 0394 0279 T479
3	1"	25	39.62 - 39.75	3.94 - 4.45	2.79 - 2.92	MAE03962 0394 0279 T479
4	1 1/4"	32	44.45 - 44.58	3.94 - 4.45	2.79 - 2.92	MAE04445 0394 0279 T479
5	1 1/2"	38	53.72 - 53.98	3.94 - 4.45	2.79 - 2.92	MAE05372 0394 0279 T479
6	2"	51	63.25 - 62.50	3.94 - 4.45	2.79 - 2.92	MAE06325 0394 0279 T479

TRIADA

Wear Rings

Triada Sealing Guide

#SealingExcellence

TRIADA

Triada Sealing Guide

Important Information

Utmost care has been taken in the preparation and completion of this guide, but still it is not guaranteed that this is devoid of any typographical or inadvertent errors or omissions. Hence, Triada shall not be responsible for the end user's reliance on such errors or omissions. Information or data in this guide which includes and not limited to product profiles, product features, specifications etc. may be amended or modified at the sole discretion of Triada Technologies India Pvt. Ltd. (TTIPL) without any notice or prior intimation.

TTIPL strongly urge its customers and associates to validate the products that are being offered, to ensure its suitability and performance, based on their applications, hardware & operating conditions, through their own analysis and testing.






Description

Piston & Piston Rod Guide Rings (Wear Rings), plays a vital role in the successful performance and also in ensuring a long service life of any Hydraulic Actuator. Triada Technologies is proud to offer a wide range of options in these Wear Rings, both in terms of Materials as well as in the Designs. These Wear Rings are sourced from World renowned facilities and are available ex-stock for most of the standard dimensions as Machined Rings, Net Molded Rings, Spiral Coils or as Strips. Machined Rings facilitates easy assembling of the Wear Rings on to Piston or Gland assemblies and also can help to maintain close tolerances. Molded rings, mostly in POM & PA, address the cost concerns, while at the same time available as molded and subsequently Machined to maintain close tolerances and also to take care of the warping effect in Molding. Of course, these have certain limitations in terms of physical characteristics compared to other materials. Wear Rings in PEEK is always available in machined form and is mostly used in highly demanding applications.

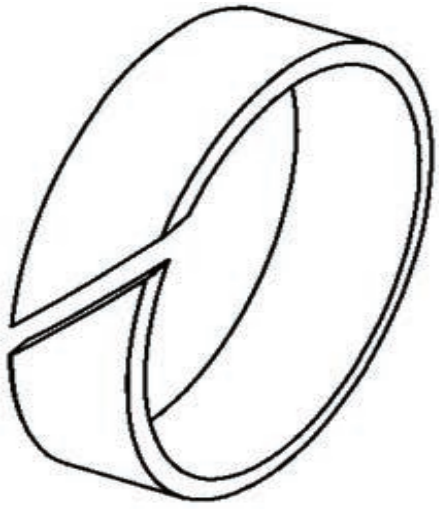
Wear Rings/ Bearings have the primary task to precisely guide the Piston or Piston Rod of a Hydraulic Linear Actuator, at the same time absorbing the radial forces and any shocks. Usage of Wear Rings prevents the metal to metal contact, which is highly essential to improve friction characteristics and these also lower the drag pressure as low as possible, a major concern while using metallic or any other metallic Bearing Bushes. Depending on the material, these Bearings are also responsible for the housekeeping of the cylinder inside, by absorbing the contaminants in the media, to a certain extent. The material characteristic of these Wear Rings also protect the main sealing elements and even the hardware during Cavitation, taking the brunt of high temperatures, thereby making the need only to replace these low cost elements (compared to main sealing elements), while overhauling the Cylinder.

These Wear Rings are available in various forms (of course depending on material) like Machined Ring, Strips, Spiral or Spool form. Finds its applications in Mining, Construction, Material Handling, Fluid Power, Marine, Aerospace etc. Selection of the Wear Ring material, size, cut type, extrusion gaps etc. are totally depending on the application and the experienced team at TTIPL can assist on this aspect.

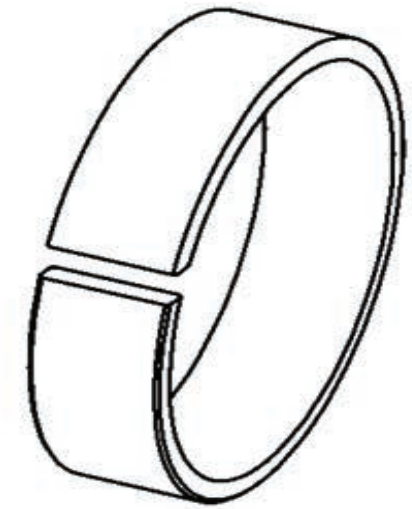
Wear Ring Material Details

TRIALON®								
Sl. No.	Material Code	Tensile Strength ASTM D4894	Comprsive Strength ISO 604	Temperature Resistance ISO 75-3	Density (g/cm³) ASTM D792	Speed (m/sec)	Co-efficient of Friction 'μ'	Water Absorption ISO 62:2008 '%'
1	T414S/ T414R	28.00 N/mm²	15.00 N/mm² @ 25°C	-60°C to +150°C	3.07	15	0.11	0.01
2	T416S/ T416R	12.00 N/mm²	15.00 N/mm² @ 25°C	-60°C to +200°C	2.08	15	0.07	0.05
TRIATEX®								
Sl. No.	Material Code	Tensile Strength ASTM D4894	Comprsive Strength ISO 604	Temperature Resistance ISO 75-3	Density (g/cm³) ASTM D792	Speed (m/sec)	Co-efficient of Friction 'μ'	Water Absorption ISO 62:2008 '%'
1	T431	50.00 N/mm²	270.00 N/mm²	-40°C to +120°C	1.25	0.8	0.25	1 to 2
2	T432	35.00 N/mm²	355.00 N/mm²	-40°C to +130°C	1.2	0.8	0.05	below measured limits
3	T434	50.00 N/mm²	330.00 N/mm²	-40°C to +120°C	1.21	1	0.05	< 0.10
4	T435	60.00 N/mm²	325.00 N/mm²	-40°C to +130°C	>1.25	1	0.05	< 0.20
TRIAMIDE®								
Sl. No.	Material Code	Tensile Strength	Compressive Strength	Temperature Resistance ISO 75-3	Density (g/cm³) ASTM D792, 53479	Speed (m/sec)	Co-efficient of Friction 'μ'	Water Absorption '%'
1	T484	76.00 N/mm² (ASTM D638)	75.00 N/mm² @ 60°C	-40°C to +130°C	1.16	1	0.25	0.3 (D570)
2	T485	62.00 N/mm² (DIN 53455)	40.00 N/mm² @ 25°C	-40°C to +110°C	1.56	0.8	0.25	0.2 (DIN 53495)
3	T486	172.00 N/mm² (ASTM D638)	75.00 N/mm² @ 60°C	-40°C to +130°C	1.48	1	0.2	1 (ASTM D570)
4	T487	175.00 N/mm² (ASTM D638)	75.00 N/mm² @ 60°C	-40°C to +130°C	1.61	2	0.2	0.65 (ASTM D570)
5	T489	96.00 N/mm² (ASTM D638)	75.00 N/mm² @ 60°C	-70°C to +250°C	1.32	1	0.25	0.1 (ASTM D570)

Types of cut



Angle "A" Cut



Straight "B" Cut



Step "C" Cut

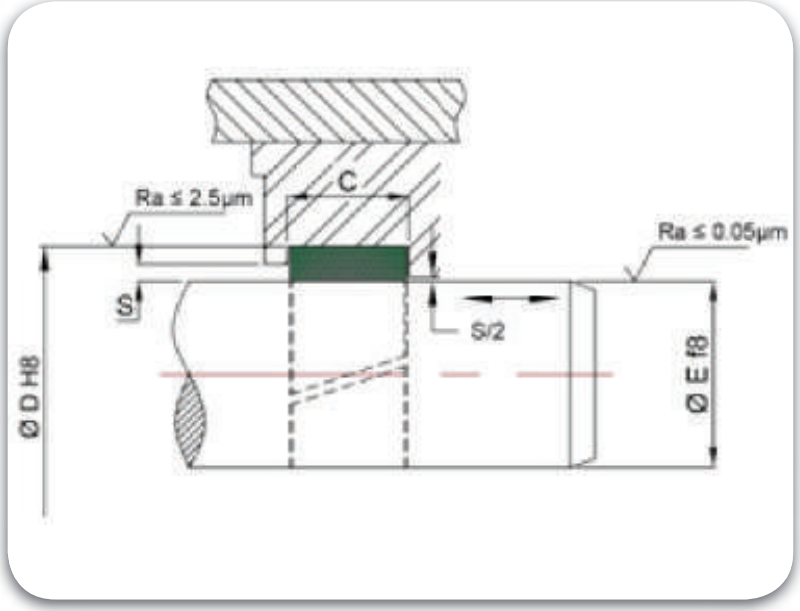
Sl. No.	TRIADA® Part Number			Wear Ring Width	Groove Width	Wear Ring Thickness
	For Rod	For Piston	Rolls in mts.			
1	TRR xxxx xxxx 025	TRP xxxx xxxx 025	TRM 0155 025	2.40 -0.15	2.50 +0.20	1.55 -0.02 /-0.07
2	TRR xxxx xxxx 040	TRP xxxx xxxx 040	TRM 0155 040	3.90 -0.15	4.00 +0.20	1.55 -0.02 /-0.07
3	TRR xxxx xxxx 056	TRP xxxx xxxx 056	TRM 0250 056	5.50 -0.15	5.60 +0.20	2.50 -0.02 /-0.07
4	TRR xxxx xxxx 097	TRP xxxx xxxx 097	TRM 0250 097	9.50 -0.20	9.70 +0.20	2.50 -0.02 /-0.07
5	TRR xxxx xxxx 097	TRP xxxx xxxx 097	TRM 0400 097	9.50 -0.20	9.70 +0.20	4.00 -0.02 /-0.07
6	TRR xxxx xxxx 150	TRP xxxx xxxx 150	TRM 0250 150	14.80 -0.30	15.00 +0.20	2.50 -0.02 /-0.07
7	TRR xxxx xxxx 250	TRP xxxx xxxx 250	TRM 0250 250	24.50 -0.40	25.00 +0.20	2.50 -0.02 /-0.07
8	TRR xxxx xxxx 250	TRP xxxx xxxx 250	TRM 0400 250	24.50 -0.40	25.00 +0.20	4.00 -0.02 /-0.07

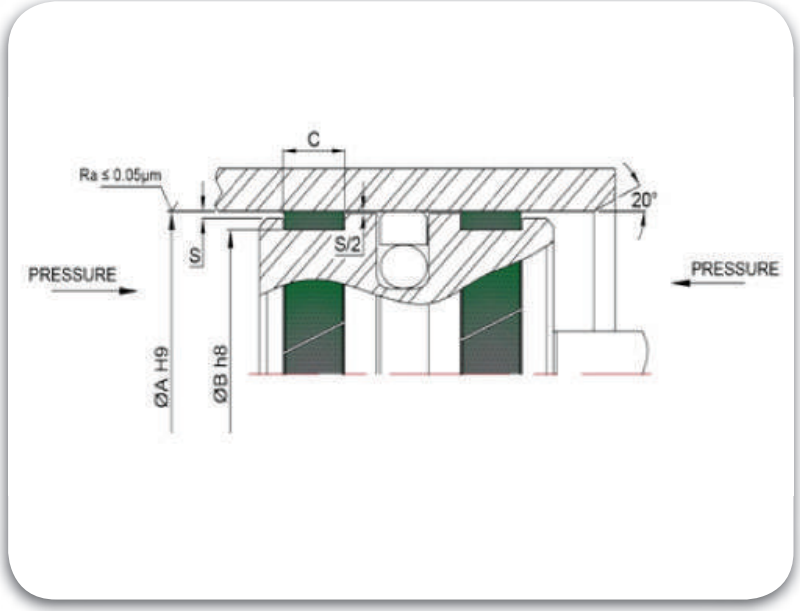
Nomenclature

Part No	TRP	0500	0450	097	T434	R
	TRIADA TYPE	Bore dia x 10	Groove dia x 10	Groove width x 10	Material Code	Wear ring form

Part No	TRR	0600	0650	150	T414	S
	TRIADA TYPE	Bore dia x 10	Groove dia x 10	Groove width x 10	Material Code	Wear ring form

Part No	TRM	0970	025	T414
	TRIADA TYPE	Groove width x 10	Wear Ring Thickness x 10	Material Code



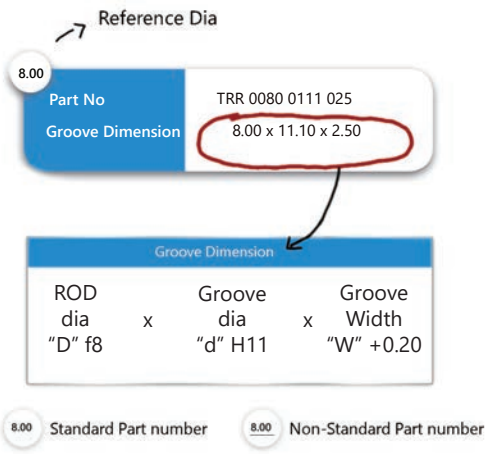


Wear Ring form - Ring form (R)



Wear Ring form - Strip form (S)



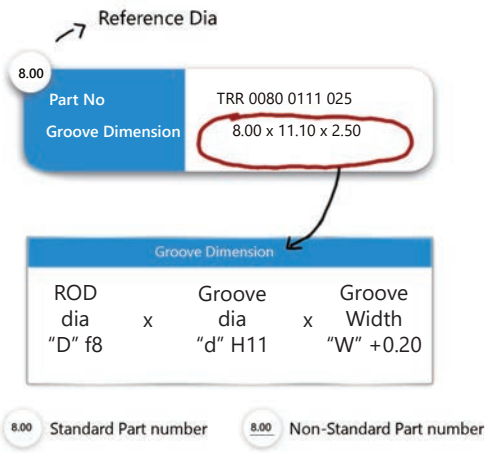


8.00	Part No	TRR 0080 0111 025
	Groove Dimension	8.00 x 11.10 x 2.50
10.00	Part No	TRR 0100 0131 040
	Groove Dimension	10.00 x 13.10 x 4.00
14.00	Part No	TRR 0140 0171 040
	Groove Dimension	14.00 x 17.10 x 4.00
16.00	Part No	TRR 0160 0191 040
	Groove Dimension	16.00 x 19.10 x 4.00
18.00	Part No	TRR 0180 0230 056
	Groove Dimension	18.00 x 23.00 x 5.60
20.00	Part No	TRR 0200 0250 097
	Groove Dimension	20.00 x 25.00 x 9.70
22.00	Part No	TRR 0220 0270 097
	Groove Dimension	22.00 x 27.00 x 9.70

10.00	Part No	TRR 0100 0131 025
	Groove Dimension	10.00 x 13.10 x 2.50
12.00	Part No	TRR 0120 0151 040
	Groove Dimension	12.00 x 15.10 x 4.00
15.00	Part No	TRR 0150 0181 040
	Groove Dimension	15.00 x 18.10 x 4.00
16.00	Part No	TRR 0160 0210 056
	Groove Dimension	16.00 x 21.00 x 5.60
20.00	Part No	TRR 0200 0231 040
	Groove Dimension	20.00 x 23.10 x 4.00
22.00	Part No	TRR 0220 0251 040
	Groove Dimension	22.00 x 25.10 x 4.00
25.00	Part No	TRR 0250 0281 040
	Groove Dimension	25.00 x 28.10 x 4.00

18.00	Part No	TRR 0180 0211 040
	Groove Dimension	18.00 x 21.10 x 4.00
20.00	Part No	TRR 0200 0250 056
	Groove Dimension	20.00 x 25.00 x 5.60
22.00	Part No	TRR 0220 0270 056
	Groove Dimension	22.00 x 27.00 x 5.60
25.00	Part No	TRR 0250 0300 056
	Groove Dimension	25.00 x 30.00 x 5.60

25.00	27.00	27.00
Part No: TRR 0250 0300 097 Groove Dimension: 25.00 x 30.00 x 9.70	Part No: TRR 0270 0320 056 Groove Dimension: 27.00 x 32.00 x 5.60	Part No: TRR 0270 0320 097 Groove Dimension: 27.00 x 32.00 x 9.70
28.00	28.00	28.00
Part No: TRR 0280 0311 040 Groove Dimension: 28.00 x 31.10 x 4.00	Part No: TRR 0280 0330 056 Groove Dimension: 28.00 x 33.00 x 5.60	Part No: TRR 0280 0330 097 Groove Dimension: 28.00 x 33.00 x 9.70
30.00	30.00	32.00
Part No: TRR 0300 0350 056 Groove Dimension: 30.00 x 35.00 x 5.60	Part No: TRR 0300 0350 097 Groove Dimension: 30.00 x 35.00 x 9.70	Part No: TRR 0320 0370 056 Groove Dimension: 32.00 x 37.00 x 5.60
35.00	35.00	36.00
Part No: TRR 0350 0400 056 Groove Dimension: 35.00 x 40.00 x 5.60	Part No: TRR 0350 0400 097 Groove Dimension: 35.00 x 40.00 x 9.70	Part No: TRR 0360 0410 056 Groove Dimension: 36.00 x 41.00 x 5.60
36.00	40.00	40.00
Part No: TRR 0360 0410 097 Groove Dimension: 36.00 x 41.00 x 9.70	Part No: TRR 0400 0450 056 Groove Dimension: 40.00 x 45.00 x 5.60	Part No: TRR 0400 0450 097 Groove Dimension: 40.00 x 45.00 x 9.70
40.00	42.00	43.00
Part No: TRR 0400 0450 150 Groove Dimension: 40.00 x 45.00 x 15.00	Part No: TRR 0420 0470 056 Groove Dimension: 42.00 x 47.00 x 5.60	Part No: TRR 0430 0480 056 Groove Dimension: 43.00 x 48.00 x 5.60
45.00	45.00	48.00
Part No: TRR 0450 0500 056 Groove Dimension: 45.00 x 50.00 x 5.60	Part No: TRR 0450 0500 097 Groove Dimension: 45.00 x 50.00 x 9.70	Part No: TRR 0480 0530 056 Groove Dimension: 48.00 x 53.00 x 5.60

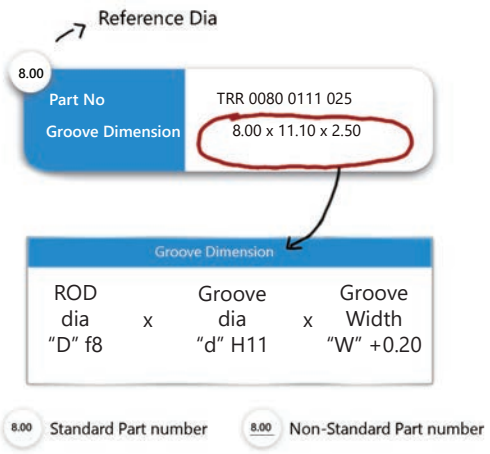


48.00	Part No	TRR 0480 0530 097
	Groove Dimension	48.00 x 53.00 x 9.70
50.00	Part No	TRR 0500 0550 097
	Groove Dimension	50.00 x 55.00 x 9.70
52.00	Part No	TRR 0520 0570 097
	Groove Dimension	52.00 x 57.00 x 9.70
55.00	Part No	TRR 0550 0600 097
	Groove Dimension	55.00 x 60.00 x 9.70
58.00	Part No	TRR 0580 0630 097
	Groove Dimension	58.00 x 63.00 x 9.70
63.00	Part No	TRR 0630 0680 056
	Groove Dimension	63.00 x 68.00 x 5.60
65.00	Part No	TRR 0650 0700 056
	Groove Dimension	65.00 x 70.00 x 5.60

50.00	Part No	TRR 0500 0550 056
	Groove Dimension	50.00 x 55.00 x 5.60
52.00	Part No	TRR 0520 0570 056
	Groove Dimension	52.00 x 57.00 x 5.60
55.00	Part No	TRR 0550 0600 056
	Groove Dimension	55.00 x 60.00 x 5.60
56.00	Part No	TRR 0560 0610 056
	Groove Dimension	56.00 x 61.00 x 5.60
60.00	Part No	TRR 0600 0650 056
	Groove Dimension	60.00 x 65.00 x 5.60
63.00	Part No	TRR 0630 0680 097
	Groove Dimension	63.00 x 68.00 x 9.70
65.00	Part No	TRR 0650 0700 097
	Groove Dimension	65.00 x 70.00 x 9.70

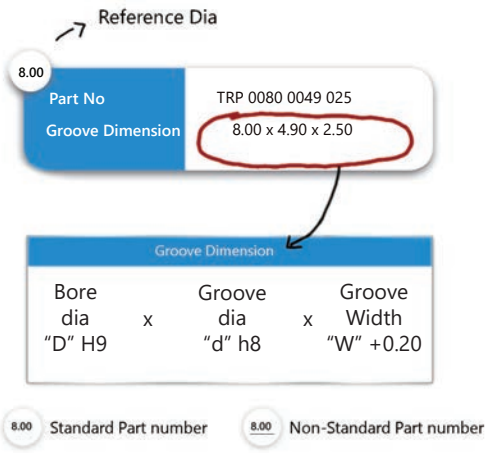
56.00	Part No	TRR 0560 0610 097
	Groove Dimension	56.00 x 61.00 x 9.70
60.00	Part No	TRR 0600 0650 097
	Groove Dimension	60.00 x 65.00 x 9.70
63.00	Part No	TRR 0630 0680 150
	Groove Dimension	63.00 x 68.00 x 15.00
70.00	Part No	TRR 0700 0750 056
	Groove Dimension	70.00 x 75.00 x 5.60

70.00	Part No	TRR 0700 0750 097
	Groove Dimension	70.00 x 75.00 x 9.70
70.00	Part No	TRR 0700 0750 150
	Groove Dimension	70.00 x 75.00 x 15.00
75.00	Part No	TRR 0750 0800 056
	Groove Dimension	75.00 x 80.00 x 5.60
75.00	Part No	TRR 0750 0800 097
	Groove Dimension	75.00 x 80.00 x 9.70
75.00	Part No	TRR 0750 0800 150
	Groove Dimension	75.00 x 80.00 x 15.00
80.00	Part No	TRR 0800 0850 056
	Groove Dimension	80.00 x 85.00 x 5.60
80.00	Part No	TRR 0800 0850 097
	Groove Dimension	80.00 x 85.00 x 9.70
80.00	Part No	TRR 0800 0850 150
	Groove Dimension	80.00 x 85.00 x 15.00
85.00	Part No	TRR 0850 0900 056
	Groove Dimension	85.00 x 90.00 x 5.60
85.00	Part No	TRR 0850 0900 097
	Groove Dimension	85.00 x 90.00 x 9.70
90.00	Part No	TRR 0900 0950 056
	Groove Dimension	90.00 x 95.00 x 5.60
90.00	Part No	TRR 0900 0950 097
	Groove Dimension	90.00 x 95.00 x 9.70
90.00	Part No	TRR 0900 0950 150
	Groove Dimension	90.00 x 95.00 x 15.00
95.00	Part No	TRR 0950 1000 097
	Groove Dimension	95.00 x 100.00 x 9.70
95.00	Part No	TRR 0950 1000 150
	Groove Dimension	95.00 x 100.00 x 15.00
100.00	Part No	TRR 1000 1050 056
	Groove Dimension	100.00 x 105.00 x 5.60
100.00	Part No	TRR 1000 1050 097
	Groove Dimension	100.00 x 105.00 x 9.70
100.00	Part No	TRR 1000 1050 150
	Groove Dimension	100.00 x 105.00 x 15.00
105.00	Part No	TRR 1050 1100 097
	Groove Dimension	105.00 x 110.00 x 9.70
105.00	Part No	TRR 1050 1100 150
	Groove Dimension	105.00 x 110.00 x 15.00
110.00	Part No	TRR 1100 1150 097
	Groove Dimension	110.00 x 115.00 x 9.70



110.00	Part No	TRR 1110 1150 150
	Groove Dimension	110.00 x 115.00 x 15.00
115.00	Part No	TRR 1150 1200 097
	Groove Dimension	115.00 x 120.00 x 9.70
115.00	Part No	TRR 1150 1200 150
	Groove Dimension	115.00 x 120.00 x 15.00
120.00	Part No	TRR 1200 1250 056
	Groove Dimension	120.00 x 125.00 x 5.60
120.00	Part No	TRR 1200 1250 097
	Groove Dimension	120.00 x 125.00 x 9.70
120.00	Part No	TRR 1200 1250 150
	Groove Dimension	120.00 x 125.00 x 15.00
125.00	Part No	TRR 1250 1300 097
	Groove Dimension	125.00 x 130.00 x 9.70
125.00	Part No	TRR 1250 1300 150
	Groove Dimension	125.00 x 130.00 x 15.00
130.00	Part No	TRR 1300 1350 150
	Groove Dimension	130.00 x 135.00 x 15.00
135.00	Part No	TRR 1350 1400 150
	Groove Dimension	135.00 x 140.00 x 15.00
140.00	Part No	TRR 1400 1450 097
	Groove Dimension	140.00 x 145.00 x 9.70
140.00	Part No	TRR 1400 1450 150
	Groove Dimension	140.00 x 145.00 x 15.00
150.00	Part No	TRR 1500 1550 150
	Groove Dimension	150.00 x 155.00 x 15.00
155.00	Part No	TRR 1550 1600 150
	Groove Dimension	155.00 x 160.00 x 15.00
160.00	Part No	TRR 1600 1650 097
	Groove Dimension	160.00 x 165.00 x 9.70
160.00	Part No	TRR 1600 1650 150
	Groove Dimension	160.00 x 165.00 x 15.00
170.00	Part No	TRR 1700 1750 150
	Groove Dimension	170.00 x 175.00 x 15.00
180.00	Part No	TRR 1800 1850 097
	Groove Dimension	180.00 x 185.00 x 9.70

180.00	190.00	195.00
Part No: TRR 1800 1850 150 Groove Dimension: 180.00 x 185.00 x 15.00	Part No: TRR 1900 1950 150 Groove Dimension: 190.00 x 195.00 x 15.00	Part No: TRR 1950 2000 150 Groove Dimension: 195.00 x 200.00 x 15.0
200.00	200.00	210.00
Part No: TRR 2000 2050 150 Groove Dimension: 200.00 x 205.00 x 15.00	Part No: TRR 2000 2050 250 Groove Dimension: 200.00 x 205.00 x 25.00	Part No: TRR 2100 2150 150 Groove Dimension: 210.00 x 215.00 x 15.00
220.00	220.00	230.00
Part No: TRR 2200 2250 150 Groove Dimension: 220.00 x 225.00 x 15.00	Part No: TRR 2200 2250 250 Groove Dimension: 220.00 x 225.00 x 25.00	Part No: TRR 2300 2350 250 Groove Dimension: 230.00 x 235.00 x 25.00
240.00	250.00	250.00
Part No: TRR 2400 2450 250 Groove Dimension: 240.00 x 245.00 x 25.00	Part No: TRR 2500 2550 150 Groove Dimension: 250.00 x 255.00 x 15.00	Part No: TRR 2500 2550 250 Groove Dimension: 250.00 x 255.00 x 25.00
280.00	280.00	280.00
Part No: TRR 2800 2850 150 Groove Dimension: 280.00 x 285.00 x 15.00	Part No: TRR 2800 2850 250 Groove Dimension: 280.00 x 285.00 x 25.00	Part No: TRR 2800 2880 250 Groove Dimension: 280.00 x 288.00 x25.00
300.00	320.00	320.00
Part No: TRR 3000 3050 250 Groove Dimension: 300.00 x 305.00 x 25.00	Part No: TRR 3200 3250 150 Groove Dimension: 320.00 x 325.00 x 15.00	Part No: TRR 3200 3250 250 Groove Dimension: 320.00 x 325.00 x 25.00
320.00	350.00	360.00
Part No: TRR 3200 3280 250 Groove Dimension: 320.00 x 328.00 x 25.00	Part No: TRR 3500 3550 250 Groove Dimension: 350.00 x 355.00 x 25.00	Part No: TRR 3600 3650 150 Groove Dimension: 360.00 x 365.00 x 15.00



8.00	
Part No	TRP 0080 0049 025
Groove Dimension	8.00 x 4.90 x 2.50

10.00	
Part No	TRP 0100 0069 025
Groove Dimension	10.00 x 6.90 x 2.50

10.00	
Part No	TRP 0100 0069 040
Groove Dimension	10.00 x 6.90 x 4.00

12.00	
Part No	TRP 0120 0089 040
Groove Dimension	12.00 x 8.90 x 4.00

14.00	
Part No	TRP 0140 0109 040
Groove Dimension	14.00 x 10.90 x 4.00

15.00	
Part No	TRP 0150 0119 040
Groove Dimension	15.00 x 11.90 x 4.00

16.00	
Part No	TRP 0160 0129 040
Groove Dimension	16.00 x 12.90 x 4.00

16.00	
Part No	TRP 0160 0110 056
Groove Dimension	16.00 x 11.00 x 5.60

18.00	
Part No	TRP 0180 0149 040 T414SA
Groove Dimension	18.00 x 14.90 x 4.00

18.00	
Part No	TRP 0180 0130 056
Groove Dimension	18.00 x 13.00 x 5.60

20.00	
Part No	TRP 0200 0169 040
Groove Dimension	20.00 x 16.90 x 4.00

20.00	
Part No	TRP 0200 0150 056 T414SA
Groove Dimension	20.00 x 15.00 x 5.60

22.00	
Part No	TRP 0220 0170 056
Groove Dimension	22.00 x 17.00 x 5.60

25.00	
Part No	TRP 0250 0219 040 T414SA
Groove Dimension	25.00 x 21.90 x 4.00

25.00	
Part No	TRP 0250 0200 056 T414SA
Groove Dimension	8.00 x 3.10 x 2.20

25.00	
Part No	TRP 0250 0200 097
Groove Dimension	25.00 x 20.00 x 9.70

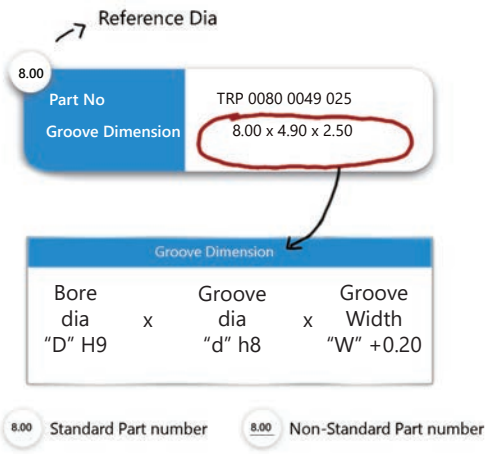
27.00	
Part No	TRP 0270 0220 056
Groove Dimension	27.00 x 22.00 x 5.60

27.00	
Part No	TRP 0270 0220 097
Groove Dimension	27.00 x 22.00 x 9.70

28.00	Part No	TRP 0280 0230 056
	Groove Dimension	28.00 x 23.30 x 5.60
30.00	Part No	TRP 0300 0250 097
	Groove Dimension	30.00 x25.00 x 9.70
32.00	Part No	TRP 0320 0270 097
	Groove Dimension	32.00 x 27.00 x 9.70
35.00	Part No	TRP 0350 0300 097
	Groove Dimension	35.00 x 30.00 x 9.70
37.00	Part No	TRP 0370 0320 097
	Groove Dimension	37.00 x 32.00 x 9.70
40.00	Part No	TRP 0400 0350 097
	Groove Dimension	40.00 x 35.00 x 9.70
42.00	Part No	TRP 0420 0370 056
	Groove Dimension	42.00 x 37.00 x 5.60

30.00	Part No	TRP 0300 0269 040
	Groove Dimension	30.00 x 26.90 x 4.00
32.00	Part No	TRP 0320 0289 040
	Groove Dimension	32.00 x 28.90 x 4.00
33.00	Part No	TRP 0330 0280 056
	Groove Dimension	33.00 x 28.00 x 5.60
36.00	Part No	TRP 0360 0319 040
	Groove Dimension	36.00 x 31.90 x 4.00
40.00	Part No	TRP 0400 0369 040
	Groove Dimension	40.00 x 36.90 x 4.00
41.00	Part No	TRP 0410 0360 056
	Groove Dimension	41.00 x 36.00 x 5.60
45.00	Part No	TRP 0450 0400 056
	Groove Dimension	45.00 x 40.00 x 5.60

30.00	Part No	TRP 0300 0250 056
	Groove Dimension	30.00 x 25.00 x 5.60
32.00	Part No	TRP 0320 0270 056
	Groove Dimension	32.00 x 27.00 x 5.60
35.00	Part No	TRP 0350 0300 056
	Groove Dimension	35.00 x 30.00 x 5.60
37.00	Part No	TRP 0370 0320 056
	Groove Dimension	37.00 x 32.00 x 5.60
40.00	Part No	TRP 0400 0350 056
	Groove Dimension	40.00 x 35.00 x 5.60
41.00	Part No	TRP 0410 0360 097
	Groove Dimension	41.00 x 36.00 x 9.70
45.00	Part No	TRP 0450 0400 097
	Groove Dimension	45.00 x 40.00 x 9.70

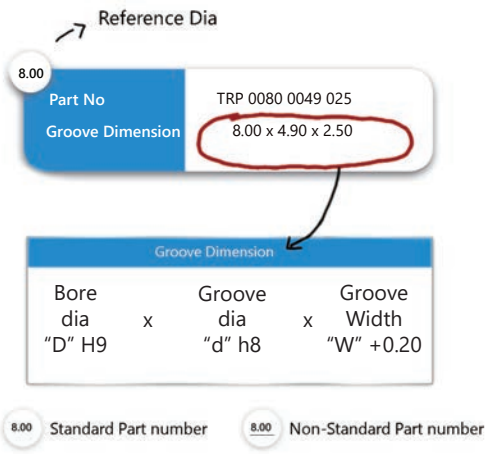


60.00	Part No	TRP 0600 0550 056
	Groove Dimension	60.00 x 55.00 x 5.60
63.00	Part No	TRR 0630 0680 056
	Groove Dimension	63.00 x 68.00 x 5.60
65.00	Part No	TRR 0650 0700 056
	Groove Dimension	65.00 x 70.00 x 5.60
70.00	Part No	TRR 0700 0750 097
	Groove Dimension	70.00 x 75.00 x 9.70

50.00	Part No	TRP 0500 0469 040
	Groove Dimension	50.00 x 46.90 x 4.00
50.00	Part No	TRP 0500 0450 097
	Groove Dimension	50.00 x 45.00 x 9.70
55.00	Part No	TRP 0550 0500 056
	Groove Dimension	55.00 x 50.00 x 5.60
60.00	Part No	TRP 0600 0550 097
	Groove Dimension	60.00 x 55.00 x 2.20
63.00	Part No	TRR 0630 0680 097
	Groove Dimension	63.00 x 68.00 x 9.70
65.00	Part No	TRR 0650 0700 097
	Groove Dimension	65.00 x 70.00 x 9.70
70.00	Part No	TRR 0700 0750 150
	Groove Dimension	70.00 x 75.00 x 15.00

50.00	Part No	TRP 0500 0450 056
	Groove Dimension	50.00 x 45.00 x 5.60
52.00	Part No	TRP 0520 0470 056
	Groove Dimension	52.00 x 47.00 x 5.60
55.00	Part No	TRP 0550 0500 097
	Groove Dimension	55.00 x 50.00 x 9.70
60.00	Part No	TRR 0600 0650 097
	Groove Dimension	60.00 x 65.00 x 9.70
63.00	Part No	TRR 0630 0680 150
	Groove Dimension	63.00 x 68.00 x 15.00
70.00	Part No	TRR 0700 0750 056
	Groove Dimension	70.00 x 75.00 x 5.60
75.00	Part No	TRR 0750 0800 056
	Groove Dimension	75.00 x 80.00 x 5.60

75.00	Part No	TRR 0750 0800 097
	Groove Dimension	75.00 x 80.00 x 9.70
75.00	Part No	TRR 0750 0800 150
	Groove Dimension	75.00 x 80.00 x 15.00
80.00	Part No	TRR 0800 0850 056
	Groove Dimension	80.00 x 85.00 x 5.60
80.00	Part No	TRR 0800 0850 097
	Groove Dimension	80.00 x 85.00 x 9.70
80.00	Part No	TRR 0800 0850 150
	Groove Dimension	80.00 x 85.00 x 15.00
85.00	Part No	TRR 0850 0900 056
	Groove Dimension	85.00 x 90.00 x 5.60
85.00	Part No	TRR 0850 0900 097
	Groove Dimension	85.00 x 90.00 x 9.70
90.00	Part No	TRR 0900 0950 056
	Groove Dimension	90.00 x 95.00 x 5.60
90.00	Part No	TRR 0900 0950 097
	Groove Dimension	90.00 x 95.00 x 9.70
90.00	Part No	TRR 0900 0950 150
	Groove Dimension	90.00 x 95.00 x 15.00
95.00	Part No	TRR 0950 1000 097
	Groove Dimension	95.00 x 100.00 x 9.70
95.00	Part No	TRR 0950 1000 150
	Groove Dimension	95.00 x 100.00 x 15.00
105.00	Part No	TRP 1050 1000 097 TRP 1200 TRP
	Groove Dimension	105.00 x 100.00 x 9.70
105.00	Part No	TRP 1100 1050 097
	Groove Dimension	110.00 x 105.00 x 9.70
110.00	Part No	TRP 1150 1100 097
	Groove Dimension	115.00 x 110.00 x 9.70
120.00	Part No	TRP 1200 1150 097
	Groove Dimension	120.00 x 115.00 x 9.70
120.00	Part No	TRP 1250 1200 056
	Groove Dimension	125.00 x 120.00 x 5.60
125.00	Part No	TRP 1250 1200 097
	Groove Dimension	125.00 x 120.00 x 9.70
125.00	Part No	TRP 1300 1250 097
	Groove Dimension	130.00 x 125.00 x 9.70
125.00	Part No	TRP 1300 1250 150
	Groove Dimension	130.00 x 125.00 x 15.00
130.00	Part No	TRP 1350 1300 097
	Groove Dimension	135.00 x 130.00 x 9.70



130.00

Part No	TRP 1350 1300 150
Groove Dimension	135.00 x 130.00 x 15.00

135.00

Part No	TRP 1400 1350 097
Groove Dimension	140.00 x 135.00 x 9.70

135.00

Part No	TRP 1400 1350 150
Groove Dimension	140.00 x 135.00 x 15.00

145.00

Part No	TRP 1500 1450 150
Groove Dimension	150.00 x 145.00 x 15.00

155.00

Part No	TRP 1600 1550 097
Groove Dimension	160.00 x 155.00 x 9.70

155.00

Part No	TRP 1600 1550 150
Groove Dimension	160.00 x 155.00 x 15.00

165.00

Part No	TRP 1700 1650 150
Groove Dimension	170.00 x 165.00 x 15.00

175.00

Part No	TRP 1800 1750 097
Groove Dimension	180.00 x 175.00 x 9.70

175.00

Part No	TRP 1800 1750 150
Groove Dimension	180.00 x 175.00 x 15.00

230.00

Part No	TRP 2300 2250 150
Groove Dimension	230.00 x 225.00 x 15.00

240.00

Part No	TRP 2400 2350 150
Groove Dimension	240.00 x 235.00 x 15.00

250.00

Part No	TRP 2500 2450 097
Groove Dimension	250.00 x 245.00 x 9.70

250.00

Part No	TRP 2500 2450 150
Groove Dimension	250.00 x 245.00 x 15.00

280.00

Part No	TRP 2800 2750 150
Groove Dimension	280.00 x 275.00 x 15.00

280.00

Part No	TRP 2800 2750 250
Groove Dimension	280.00 x 275.00 x 25.00

280.00

Part No	TRP 2800 2720 250
Groove Dimension	280.00 x 272.00 x 25.00

300.00

Part No	TRP 3000 2950 015
Groove Dimension	300.00 x 295.00 x 1.50

320.00

Part No	TRP 3200 3150 150
Groove Dimension	320.00 x 315.00 x 15.00

320.00	320.00	350.00
Part No: TRP 3200 3150 250 Groove Dimension: 320.00 x 315.00 x 25.00	Part No: TRP 3200 3120 250 Groove Dimension: 320.00 x 312.00 x 25.00	Part No: TRP 3500 3450 250 Groove Dimension: 350.00 x 345.00 x 25.00
360.00	360.00	360.00
Part No: TRP 3600 3550 150 Groove Dimension: 360.00 x 355.00 x 15.00	Part No: TRP 3600 3550 250 Groove Dimension: 360.00 x 355.00 x 25.00	Part No: TRP 3600 3520 250 Groove Dimension: 360.00 x 352.00 x 25.00
400.00	400.00	400.00
Part No: TRP 4000 3950 150 Groove Dimension: 400.00 x 395.00 x 15.00	Part No: TRP 4000 3950 250 Groove Dimension: 400.00 x 395.00 x 25.00	Part No: TRP 4000 3920 250 Groove Dimension: 400.00 x 392.00 x 25.00
450.00	450.00	450.00
Part No: TRP 4500 4450 150 Groove Dimension: 450.00 x 445.00 x 15.00	Part No: TRP 4500 4450 250 Groove Dimension: 450.00 x 445.00 x 25.00	Part No: TRP 4500 4420 250 Groove Dimension: 450.00 x 442.00 x 25.00
500.00	500.00	500.00
Part No: TRP 5000 4950 150 Groove Dimension: 500.00 x 495.00 x 15.00	Part No: TRP 5000 4950 250 Groove Dimension: 500.00 x 495.00 x 25.00	Part No: TRP 5000 4920 250 Groove Dimension: 500.00 x 492.00 x 25.00



Triada Sealing Guide

Version 2.1

#Sealingexcellence

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TRIADA

Rotary Seals

Triada Sealing Guide

#SealingExcellence

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07 SR1 F81-F85

08 SDO F86-F94

09 SDM F95-F98

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11 SV4 F105-F114

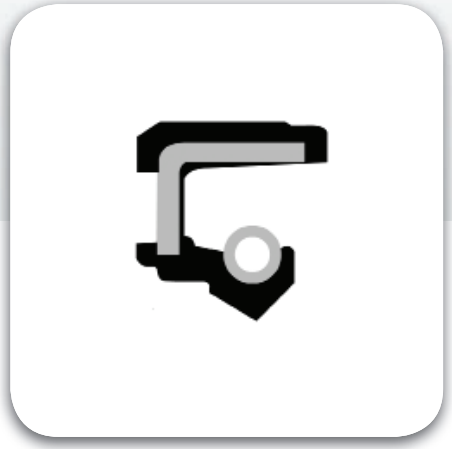
TRIADA

SS3

Rotary Seals

#SealingExcellence



Description

The SS3 type is a single lip rotary shaft seal with a metallic ring reinforcement and sheathed by the rubber on outer diameter. The primary lip is used for sealing the medium. The inside metal may be of carbon steel or stainless steeldepending on the application, media, cycle speed etc., the rubber compound is selected considering the media compatibility, temperature, surface speed etc.

Diameter Range	Ø4.00 – Ø2500.00 (Larger dia. on request)
Standard material	TRIAFLEX® T576(NBR)
Temperature(°C)	-30° C to 200° C (Based on Elastomer Material).
Speed	<10.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. Conditions).
Pressure	<0.5 bar

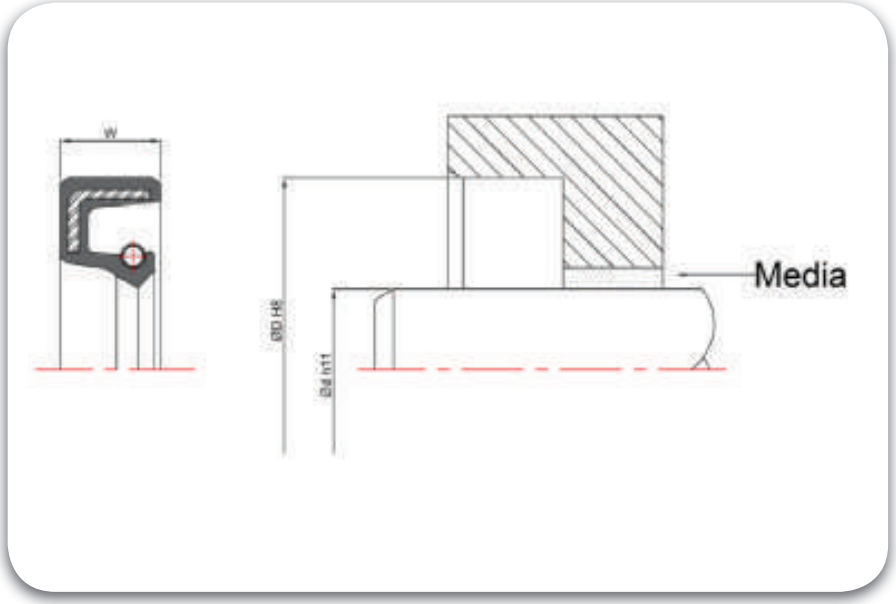
Material Details

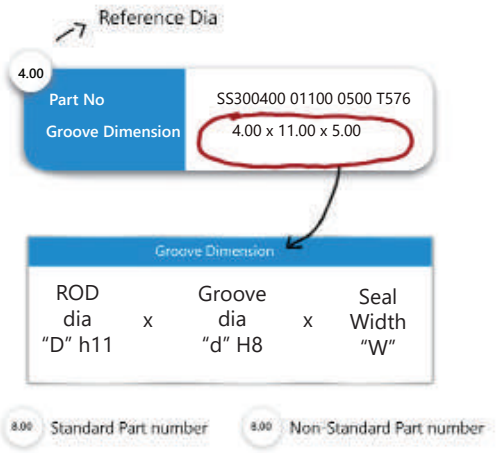
Material	Material Code
TRIAFLEX® NBR 75	T576
TRIAFLEX® FKM 75	T676

Nomenclature

Part No	SS3	12500	15000	1200	T576
	TRIADA TYPE	Rod Dia x100	Groove Dia x 100	Groove Width x 100	Seal Material Code





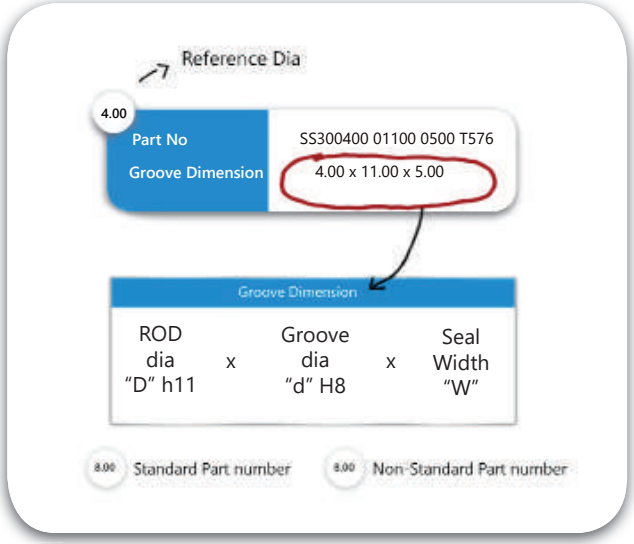


6.00	Part No	SS300600 01600 0700
	Groove Dimension	6.00 x 16.00 x 7.00
6.00	Part No	SS300600 02200 0800
	Groove Dimension	6.00 x 22.00 x 8.00
8.00	Part No	SS300800 01400 0400
	Groove Dimension	8.00 x 14.00 x 4.00
8.00	Part No	SS300800 01800 0500
	Groove Dimension	8.00 x 18.00 x 5.00

4.00	Part No	SS300400 01100 0500
	Groove Dimension	4.00 x 11.00 x 5.00
5.00	Part No	SS300500 01500 0600
	Groove Dimension	5.00 x 15.00 x 6.00
6.00	Part No	SS300600 01500 0400
	Groove Dimension	6.00 x 15.00 x 4.00
6.00	Part No	SS300600 01900 0700
	Groove Dimension	6.00 x 19.00 x 7.00
7.00	Part No	SS300700 01600 0700
	Groove Dimension	7.00 x 16.00 x 7.00
8.00	Part No	SS300800 01600 0500
	Groove Dimension	8.00 x 16.00 x 5.00
8.00	Part No	SS300800 02200 0400
	Groove Dimension	8.00 x 22.00 x 4.00

4.00	Part No	SS300400 01200 0600
	Groove Dimension	4.00 x 12.00 x 6.00
6.00	Part No	SS300600 01200 0550
	Groove Dimension	6.00 x 12.00 x 5.50
6.00	Part No	SS300600 01600 0500
	Groove Dimension	6.00 x 16.00 x 5.00
6.00	Part No	SS300600 02200 0700
	Groove Dimension	6.00 x 22.00 x 7.00
7.00	Part No	SS300700 02200 0700
	Groove Dimension	7.00 x 22.00 x 7.00
8.00	Part No	SS300800 01600 0700
	Groove Dimension	8.00 x 16.00 x 7.00
8.00	Part No	SS300800 02200 0700
	Groove Dimension	8.00 x 22.00 x 7.00

8.00	8.00	8.50
Part No: SS300800 02200 0800	Part No: SS300800 02400 0700	Part No: SS300850 01800 0700
Groove Dimension: 8.00 x 22.00 x 8.00	Groove Dimension: 8.00 x 24.00 x 7.00	Groove Dimension: 8.50 x 18.00 x 7.00
9.00	9.00	9.00
Part No: SS300900 02200 0700	Part No: SS300900 02400 0700	Part No: SS300900 02600 0700
Groove Dimension: 9.00 x 22.00 x 7.00	Groove Dimension: 9.00 x 24.00 x 7.00	Groove Dimension: 9.00 x 26.00 x 7.00
9.00	10.00	10.00
Part No: SS300900 03000 0700	Part No: SS301000 01600 0400	Part No: SS301000 01800 0400
Groove Dimension: 9.00 x 30.00 x 7.00	Groove Dimension: 10.00 x 16.00 x 4.00	Groove Dimension: 10.00 x 18.00 x 4.00
10.00	10.00	10.00
Part No: SS301000 01800 0600	Part No: SS301000 01900 0700	Part No: SS301000 02200 0700
Groove Dimension: 10.00 x 18.00 x 6.00	Groove Dimension: 10.00 x 19.00 x 7.00	Groove Dimension: 10.00 x 22.00 x 7.00
10.00	10.00	10.00
Part No: SS301000 02400 0700	Part No: SS301000 02500 0800	Part No: SS301000 02600 0700
Groove Dimension: 10.00 x 24.00 x 7.00	Groove Dimension: 10.00 x 25.00 x 8.00	Groove Dimension: 10.00 x 26.00 x 7.00
10.00	11.00	11.00
Part No: SS301000 02800 0700	Part No: SS301100 01700 0400	Part No: SS301100 01900 0700
Groove Dimension: 10.00 x 28.00 x 7.00	Groove Dimension: 11.00 x 17.00 x 4.00	Groove Dimension: 11.00 x 19.00 x 7.00
11.00	11.00	11.00
Part No: SS301100 02200 0700	Part No: SS301100 02600 0700	Part No: SS301100 03000 0700
Groove Dimension: 11.00 x 22.00 x 7.00	Groove Dimension: 11.00 x 26.00 x 7.00	Groove Dimension: 11.00 x 30.00 x 7.00



12.00	
Part No	SS301200 02400 0700
Groove Dimension	12.00 x 24.00 x 7.00

12.00	
Part No	SS301200 02600 0700
Groove Dimension	12.00 x 26.00 x 7.00

12.00	
Part No	SS301200 03000 0700
Groove Dimension	12.00 x 30.00 x 7.00

12.00	
Part No	SS301200 03200 1000
Groove Dimension	12.00 x 32.00 x 10.00

11.50	
Part No	SS301150 02200 0500
Groove Dimension	11.50 x 22.00 x 5.00

12.00	
Part No	SS301200 02000 0400
Groove Dimension	12.00 x 20.00 x 4.00

12.00	
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Groove Dimension	12.00 x 22.00 x 4.00

12.00	
Part No	SS301200 02500 0500
Groove Dimension	12.00 x 25.00 x 5.00

12.00	
Part No	SS301200 02600 0800
Groove Dimension	12.00 x 26.00 x 8.00

12.00	
Part No	SS301200 03000 1000
Groove Dimension	12.00 x 30.00 x 10.00

12.00	
Part No	SS301200 03700 1000
Groove Dimension	12.00 x 37.00 x 10.00

12.00	
Part No	SS301200 01900 0500
Groove Dimension	12.00 x 19.00 x 5.00

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Part No	SS301200 02000 0500
Groove Dimension	12.00 x 20.00 x 5.00

12.00	
Part No	SS301200 02200 0700
Groove Dimension	12.00 x 22.00 x 7.00

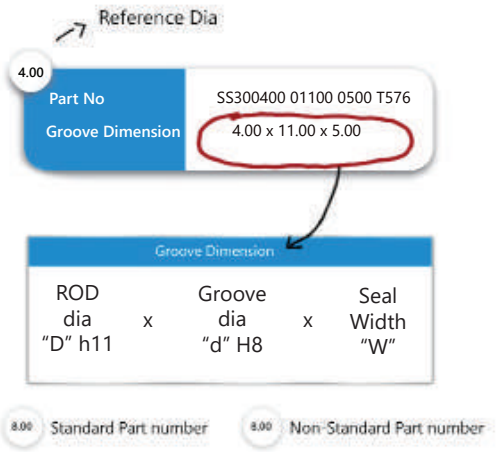
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Groove Dimension	12.00 x 25.00 x 8.00

12.00	
Part No	SS301200 02800 0700
Groove Dimension	12.00 x 28.00 x 7.00

12.00	
Part No	SS301200 03200 0700
Groove Dimension	12.00 x 32.00 x 7.00

12.00	
Part No	SS301200 04500 0700
Groove Dimension	12.00 x 45.00 x 7.00

13.00	13.00	13.00
Part No: SS301300 02500 0500	Part No: SS301300 02600 0700	Part No: SS301300 03000 0800
Groove Dimension: 13.00 x 25.00 x 5.00	Groove Dimension: 13.00 x 26.00 x 7.00	Groove Dimension: 13.00 x 30.00 x 8.00
14.00	14.00	14.00
Part No: SS301400 02200 0400	Part No: SS301400 02200 0700	Part No: SS301400 02400 0700
Groove Dimension: 14.00 x 22.00 x 4.00	Groove Dimension: 14.00 x 22.00 x 7.00	Groove Dimension: 14.00 x 24.00 x 7.00
14.00	14.00	14.00
Part No: SS301400 02500 0500	Part No: SS301400 02800 0700	Part No: SS301400 02850 0630
Groove Dimension: 14.00 x 25.00 x 5.00	Groove Dimension: 14.00 x 28.00 x 7.00	Groove Dimension: 14.00 x 28.50 x 6.30
14.00	14.00	14.50
Part No: SS301400 03000 0700	Part No: SS301400 03500 0700	Part No: SS301450 02850 0630
Groove Dimension: 14.00 x 30.00 x 7.00	Groove Dimension: 14.00 x 35.00 x 7.00	Groove Dimension: 14.50 x 28.50 x 6.30
15.00	15.00	15.00
Part No: SS301500 02200 0700	Part No: SS301500 02400 0500	Part No: SS301500 02400 0700
Groove Dimension: 15.00 x 22.00 x 7.00	Groove Dimension: 15.00 x 24.00 x 5.00	Groove Dimension: 15.00 x 24.00 x 7.00
15.00	15.00	15.00
Part No: SS301500 02500 0500	Part No: SS301500 02600 0600	Part No: SS301500 02600 0700
Groove Dimension: 15.00 x 25.00 x 5.00	Groove Dimension: 15.00 x 26.00 x 6.00	Groove Dimension: 15.00 x 26.00 x 7.00
15.00	15.00	15.00
Part No: SS301500 02600 0500	Part No: SS301500 02800 0700	Part No: SS301500 03000 0700
Groove Dimension: 15.00 x 26.00 x 5.00	Groove Dimension: 15.00 x 28.00 x 7.00	Groove Dimension: 15.00 x 30.00 x 7.00



15.00
Part No SS301500 04200 0700
Groove Dimension 15.00 x 42.00 x 7.00

16.00
Part No SS301600 02400 0400
Groove Dimension 16.00 x 24.00 x 4.00

16.00
Part No SS301600 02600 0700
Groove Dimension 16.00 x 26.00 x 7.00

16.00
Part No SS301600 03000 1000
Groove Dimension 16.00 x 30.00 x 10.00

15.00
Part No SS301500 03000 1000
Groove Dimension 15.00 x 30.00 x 10.00

15.00
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Groove Dimension 15.00 x 35.00 x 7.00

15.00
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Groove Dimension 15.00 x 40.00 x 7.00

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16.00
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16.00
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Groove Dimension 15.00 x 32.00 x 7.00

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15.00
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Groove Dimension 15.00 x 40.00 x 10.00

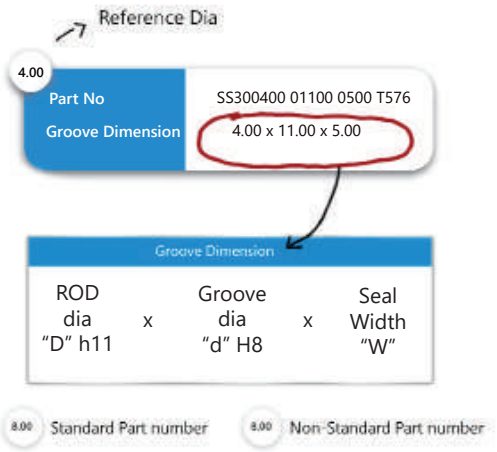
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Groove Dimension 16.00 x 24.00 x 7.00

16.00
Part No SS301600 03000 0700
Groove Dimension 16.00 x 30.00 x 7.00

16.00
Part No SS301600 03500 0700
Groove Dimension 16.00 x 35.00 x 7.00

16.00	17.00	17.00
Part No: SS301600 03500 1000 Groove Dimension: 16.00 x 35.00 x 10.00	Part No: SS301700 02500 0400 Groove Dimension: 17.00 x 25.00 x 4.00	Part No: SS301700 02600 0600 Groove Dimension: 17.00 x 26.00 x 4600
17.00	17.00	17.00
Part No: SS301700 02800 0500 Groove Dimension: 17.00 x 28.00 x 5.00	Part No: SS301700 02800 0600 Groove Dimension: 17.00 x 28.00 x 6.00	Part No: SS301700 02800 0700 Groove Dimension: 17.00 x 28.00 x 7.00
17.00	17.00	17.00
Part No: SS301700 03000 0700 Groove Dimension: 17.00 x 30.00 x 7.00	Part No: SS301700 03200 0700 Groove Dimension: 17.00 x 32.00 x 7.00	Part No: SS301700 03200 1000 Groove Dimension: 17.00 x 32.00 x 10.00
17.00	17.00	17.00
Part No: SS301700 03500 0500 Groove Dimension: 17.00 x 35.00 x 5.00	Part No: SS301700 03500 0700 Groove Dimension: 17.00 x 35.00 x 7.00	Part No: SS301700 02500 0800 Groove Dimension: 17.00 x 25.00 x 8.00
17.00	17.00	17.00
Part No: SS301700 04000 0700 Groove Dimension: 17.00 x 40.00 x 8.00	Part No: SS301700 04000 1000 Groove Dimension: 17.00 x 40.00 x 10.00	Part No: SS301700 04700 0700 Groove Dimension: 17.00 x 47.00 x 7.00
17.00	18.00	18.00
Part No: SS301700 04700 1000 Groove Dimension: 17.00 x 47.00 x 10.00	Part No: SS301800 02400 0400 Groove Dimension: 18.00 x 24.00 x 4.00	Part No: SS301800 02800 0700 Groove Dimension: 18.00 x 28.00 x 7.00
18.00	18.00	18.00
Part No: SS301800 03000 0700 Groove Dimension: 18.00 x 30.00 x 7.00	Part No: SS301800 03200 0700 Groove Dimension: 18.00 x 32.00 x 7.00	Part No: SS301800 03200 0800 Groove Dimension: 18.00 x 32.00 x 8.00



19.00	Part No	SS301900 03500 1000
	Groove Dimension	19.00 x 35.00 x 10.00
20.00	Part No	SS302000 02800 0700
	Groove Dimension	20.00 x 28.00 x 7.00
20.00	Part No	SS302000 03000 0800
	Groove Dimension	20.00 x 30.00 x 8.00
20.00	Part No	SS302000 03500 0600
	Groove Dimension	20.00 x 35.00 x 6.00

18.00	Part No	SS301800 03500 0700
	Groove Dimension	18.00 x 35.00 x 7.00
18.00	Part No	SS301800 04000 0700
	Groove Dimension	18.00 x 40.00 x 7.00
19.00	Part No	SS301900 03200 0700
	Groove Dimension	19.00 x 32.00 x 7.00
19.00	Part No	SS301900 04000 1000
	Groove Dimension	19.00 x 40.00 x 10.00
20.00	Part No	SS302000 03000 0500
	Groove Dimension	20.00 x 30.00 x 5.00
20.00	Part No	SS302000 03200 0700
	Groove Dimension	20.00 x 32.00 x 7.00
20.00	Part No	SS302000 03500 0620
	Groove Dimension	20.00 x 35.00 x 6.20

18.00	Part No	SS301800 03500 1000
	Groove Dimension	18.00 x 35.00 x 10.00
18.00	Part No	SS301800 04000 1000
	Groove Dimension	18.00 x 40.00 x 10.00
19.00	Part No	SS301900 03500 0700
	Groove Dimension	19.00 x 35.00 x 7.00
20.00	Part No	SS302000 02800 0600
	Groove Dimension	20.00 x 28.00 x 6.00
20.00	Part No	SS302000 03000 0500
	Groove Dimension	20.00 x 30.00 x 5.00
20.00	Part No	SS302000 03500 0500
	Groove Dimension	20.00 x 35.00 x 5.00
20.00	Part No	SS302000 03500 0700
	Groove Dimension	20.00 x 35.00 x 7.00

20.00		
	Part No	SS302000 03500 1000
	Groove Dimension	20.00 x 35.00 x 10.00

20.00		
	Part No	SS302000 03700 0700
	Groove Dimension	20.00 x 37.00 x 7.00

20.00		
	Part No	SS302000 03700 0800
	Groove Dimension	20.00 x 37.00 x 8.00

20.00		
	Part No	SS302000 03800 0700
	Groove Dimension	20.00 x 38.00 x 7.00

20.00		
	Part No	SS302000 04000 0700
	Groove Dimension	20.00 x 40.00 x 7.00

20.00		
	Part No	SS302000 04000 1000
	Groove Dimension	20.00 x 40.00 x 10.00

20.00		
	Part No	SS302000 04200 0700
	Groove Dimension	20.00 x 42.00 x 7.00

20.00		
	Part No	SS302000 04200 1000
	Groove Dimension	20.00 x 42.00 x 10.00

20.00		
	Part No	SS302000 04700 0600
	Groove Dimension	20.00 x 47.00 x 6.00

20.00		
	Part No	SS302000 04700 0700
	Groove Dimension	20.00 x 47.00 x 7.00

20.00		
	Part No	SS302000 04700 0950
	Groove Dimension	20.00 x 47.00 x 9.50

20.00		
	Part No	SS302000 04700 1000
	Groove Dimension	20.00 x 47.00 x 10.00

20.00		
	Part No	SS302000 05200 0700
	Groove Dimension	20.00 x 52.00 x 7.00

20.00		
	Part No	SS302000 05200 1000
	Groove Dimension	20.00 x 52.00 x 10.00

22.00		
	Part No	SS302200 03000 0700
	Groove Dimension	22.00 x 30.00 x 7.00

22.00		
	Part No	SS302200 03200 0400
	Groove Dimension	22.00 x 32.00 x 4.00

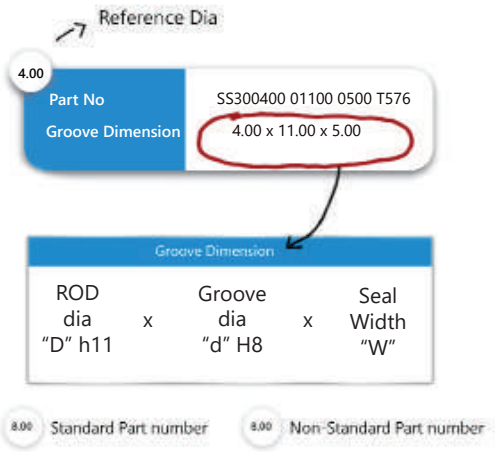
22.00		
	Part No	SS302200 03200 0700
	Groove Dimension	22.00 x 32.00 x 7.00

22.00		
	Part No	SS302200 03500 0500
	Groove Dimension	22.00 x 35.00 x 5.00

22.00		
	Part No	SS302200 03500 0600
	Groove Dimension	22.00 x 35.00 x 6.00

22.00		
	Part No	SS302200 03500 0700
	Groove Dimension	22.00 x 35.00 x 7.00

22.00		
	Part No	SS302200 03500 0800
	Groove Dimension	22.00 x 35.00 x 8.00



22.00	
Part No	SS302200 03500 1000
Groove Dimension	22.00 x 35.00 x 10.00

22.00	
Part No	SS302200 03700 0700
Groove Dimension	22.00 x 37.00 x 7.00

22.00	
Part No	SS302200 03800 0700
Groove Dimension	22.00 x 38.00 x 7.00

22.00	
Part No	SS302200 03800 0800
Groove Dimension	22.00 x 38.00 x 8.00

22.00	
Part No	SS302200 04000 0700
Groove Dimension	22.00 x 40.00 x 7.00

22.00	
Part No	SS302200 04000 1000
Groove Dimension	22.00 x 40.00 x 10.00

22.00	
Part No	SS302200 04200 0700
Groove Dimension	22.00 x 42.00 x 7.00

22.00	
Part No	SS302200 04200 1000
Groove Dimension	22.00 x 42.00 x 10.00

22.00	
Part No	SS302200 04500 0700
Groove Dimension	22.00 x 45.00 x 7.00

22.00	
Part No	SS302200 04700 0700
Groove Dimension	22.00 x 47.00 x 7.00

22.00	
Part No	SS302200 04700 1000
Groove Dimension	22.00 x 47.00 x 10.00

22.50	
Part No	SS302250 05300 1000
Groove Dimension	22.50 x 53.00 x 10.00

23.00	
Part No	SS302300 04000 1000
Groove Dimension	23.00 x 40.00 x 10.00

23.00	
Part No	SS302300 04200 0500
Groove Dimension	23.00 x 42.00 x 5.00

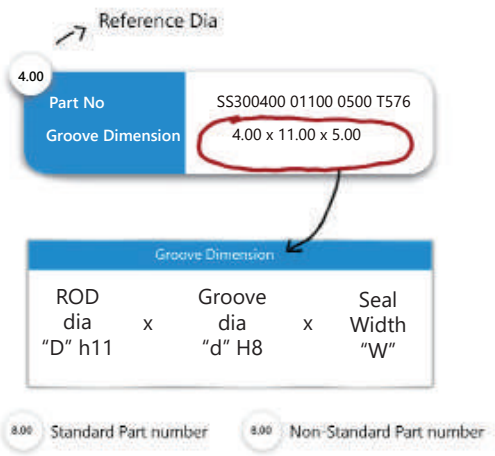
23.00	
Part No	SS302300 04200 1000
Groove Dimension	23.00 x 42.00 x 10.00

24.00	
Part No	SS302400 03500 0700
Groove Dimension	24.00 x 35.00 x 7.00

24.00	
Part No	SS302400 03700 0700
Groove Dimension	24.00 x 37.00 x 7.00

24.00	
Part No	SS302400 04000 0700
Groove Dimension	24.00 x 40.00 x 7.00

24.00 Part No Groove Dimension	SS302400 04200 0800 24.00 x 42.00 x 8.00	
24.00 Part No Groove Dimension	SS302400 04200 1000 24.00 x 42.00 x 10.00	
24.00 Part No Groove Dimension	SS302400 04700 0700 24.00 x 47.00 x 7.00	
24.00 Part No Groove Dimension	SS302400 04700 1000 24.00 x 47.00 x 10.00	
25.00 Part No Groove Dimension	SS302500 03200 0600 25.00 x 32.00 x 6.00	
25.00 Part No Groove Dimension	SS302500 03300 0600 25.00 x 33.00 x 6.00	
25.00 Part No Groove Dimension	SS302500 03500 0500 25.00 x 35.00 x 5.00	
25.00 Part No Groove Dimension	SS302500 03500 0700 25.00 x 35.00 x 7.00	
25.00 Part No Groove Dimension	SS302500 03600 0600 25.00 x 36.00 x 6.00	
25.00 Part No Groove Dimension	SS302500 03700 0500 25.00 x 37.00 x 5.00	
25.00 Part No Groove Dimension	SS302500 03700 0700 25.00 x 37.00 x 7.00	
25.00 Part No Groove Dimension	SS302500 03800 0700 25.00 x 38.00 x 7.00	
25.00 Part No Groove Dimension	SS302500 04000 0500 25.00 x 40.00 x 5.00	
25.00 Part No Groove Dimension	SS302500 04000 0700 25.00 x 40.00 x 7.00	
25.00 Part No Groove Dimension	SS302500 04000 0800 25.00 x 40.00 x 8.00	
25.00 Part No Groove Dimension	SS302500 04000 1000 25.00 x 40.00 x 10.00	
25.00 Part No Groove Dimension	SS302500 04200 0600 25.00 x 42.00 x 6.00	
25.00 Part No Groove Dimension	SS302500 04200 0700 25.00 x 42.00 x 7.00	
25.00 Part No Groove Dimension	SS302500 04200 1000 25.00 x 42.00 x 10.00	
25.00 Part No Groove Dimension	SS302500 04300 1000 25.00 x 43.00 x 10.00	
25.00 Part No Groove Dimension	SS302500 04500 0700 25.00 x 45.00 x 7.00	



25.00	
Part No	SS302500 04500 1000
Groove Dimension	25.00 x 45.00 x 10.00

25.00	
Part No	SS302500 04600 0700
Groove Dimension	25.00 x 46.00 x 7.00

25.00	
Part No	SS302500 04700 0700
Groove Dimension	25.00 x 47.00 x 7.00

25.00	
Part No	SS302500 04700 0800
Groove Dimension	25.00 x 47.00 x 8.00

25.00	
Part No	SS302500 04700 1000
Groove Dimension	25.00 x 47.00 x 10.00

25.00	
Part No	SS302500 05000 1000
Groove Dimension	25.00 x 50.00 x 10.00

25.00	
Part No	SS302500 05200 0700
Groove Dimension	25.00 x 52.00 x 7.00

25.00	
Part No	SS302500 05200 0800
Groove Dimension	25.00 x 52.00 x 8.00

25.00	
Part No	SS302500 05200 1000
Groove Dimension	25.00 x 52.00 x 10.00

25.00	
Part No	SS302500 06200 0700
Groove Dimension	25.00 x 62.00 x 7.00

25.00	
Part No	SS302500 06200 0800
Groove Dimension	25.00 x 62.00 x 8.00

25.00	
Part No	SS302500 06200 1000
Groove Dimension	25.00 x 62.00 x 10.00

26.00	
Part No	SS302600 03400 0400
Groove Dimension	26.00 x 34.00 x 4.00

26.00	
Part No	SS302600 03700 0700
Groove Dimension	26.00 x 37.00 x 7.00

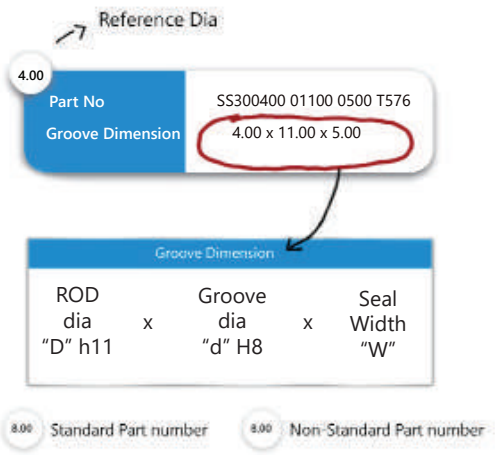
26.00	
Part No	SS302600 04200 0700
Groove Dimension	26.00 x 420.00 x 7.00

26.00	
Part No	SS302600 04700 0700
Groove Dimension	26.00 x 47.00 x 7.00

26.00	
Part No	SS302600 04700 1000
Groove Dimension	26.00 x 47.00 x 10.00

27.00	
Part No	SS302700 03700 0700
Groove Dimension	27.00 x 37.00 x 7.00

27.00 Part No Groove Dimension	SS302700 04200 1000 27.00 x 42.00 x 10.00	
27.00 Part No Groove Dimension	SS302700 04700 1000 27.00 x 47.00 x 10.00	
27.00 Part No Groove Dimension	SS302700 05000 0800 27.00 x 50.00 x 8.00	
28.00 Part No Groove Dimension	SS302800 03800 0700 28.00 x 38.00 x 7.00	
28.00 Part No Groove Dimension	SS302800 04000 0700 28.00 x 40.00 x 7.00	
28.00 Part No Groove Dimension	SS302800 04200 0800 28.00 x 42.00 x 8.00	
28.00 Part No Groove Dimension	SS302800 04200 1000 28.00 x 42.00 x 10.00	
28.00 Part No Groove Dimension	SS302800 04250 0800 28.00 x 42.50 x 8.00	
28.00 Part No Groove Dimension	SS302800 04300 1000 28.00 x 43.00 x 10.00	
28.00 Part No Groove Dimension	SS302800 04500 0800 28.00 x 45.00 x 8.00	
28.00 Part No Groove Dimension	SS302800 04700 0700 28.00 x 47.00 x 7.00	
28.00 Part No Groove Dimension	SS302800 04700 1000 28.00 x 47.00 x 10.00	
28.00 Part No Groove Dimension	SS302800 04800 1000 28.00 x 48.00 x 10.00	
28.00 Part No Groove Dimension	SS302800 05000 1000 28.00 x 50.00 x 10.00	
28.00 Part No Groove Dimension	SS302800 05200 0700 28.00 x 52.00 x 7.00	
28.00 Part No Groove Dimension	SS302800 05200 1000 28.00 x 52.00 x 10.00	
29.00 Part No Groove Dimension	SS302900 05000 1000 29.00 x 50.00 x 10.00	
30.00 Part No Groove Dimension	SS303000 04000 0700 30.00 x 40.00 x 7.00	
30.00 Part No Groove Dimension	SS303000 04000 0700 30.00 x 40.00 x 7.00	
30.00 Part No Groove Dimension	SS303000 04000 0800 30.00 x 40.00 x 8.00	
30.00 Part No Groove Dimension	SS303000 04000 1000 30.00 x 40.00 x 10.00	

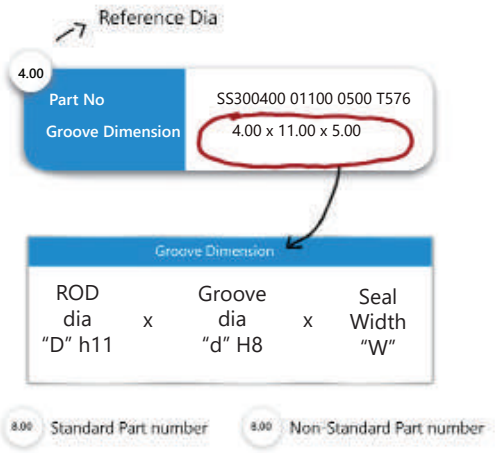


36.00	Part No	SS303600 05800 1200
	Groove Dimension	36.00 x 58.00 x 12.00
37.00	Part No	SS303700 04750 0500
	Groove Dimension	37.00 x 47.50 x 5.00
37.00	Part No	SS303700 08000 1200
	Groove Dimension	37.00 x 80.00 x 12.00
38.00	Part No	SS303800 05200 0800
	Groove Dimension	38.00 x 52.00 x 8.00

35.00	Part No	SS303500 08000 1000
	Groove Dimension	35.00 x 80.00 x 10.00
36.00	Part No	SS303600 04700 0700
	Groove Dimension	36.00 x 47.00 x 7.00
36.00	Part No	SS303600 05200 0700
	Groove Dimension	36.00 x 52.00 x 7.00
36.00	Part No	SS303600 06200 0700
	Groove Dimension	36.00 x 62.00 x 7.00
37.00	Part No	SS303700 05200 0800
	Groove Dimension	37.00 x 52.00 x 8.00
38.00	Part No	SS303800 05000 0700
	Groove Dimension	38.00 x 50.00 x 7.00
38.00	Part No	SS303800 05200 1000
	Groove Dimension	38.00 x 52.00 x 10.00

35.00	Part No	SS303500 08000 1300
	Groove Dimension	35.00 x 80.00 x 13.00
36.00	Part No	SS303600 05000 0700
	Groove Dimension	36.00 x 50.00 x 7.00
36.00	Part No	SS303600 05600 1000
	Groove Dimension	36.00 x 56.00 x 10.00
0000	Part No	SS303600 06200 1000
	Groove Dimension	36.00 x 62.00 x 10.00
37.00	Part No	SS303700 05200 1000
	Groove Dimension	37.00 x 52.00 x 10.00
38.00	Part No	SS303800 05200 0700
	Groove Dimension	38.00 x 52.00 x 7.00
38.00	Part No	SS303800 05400 0650
	Groove Dimension	38.00 x 54.00 x 6.50

38.00	38.00	38.00
Part No: SS303800 05400 1000 Groove Dimension: 38.00 x 54.00 x 10.00	Part No: SS303800 05500 0700 Groove Dimension: 38.00 x 55.00 x 7.00	Part No: SS303800 05500 1000 Groove Dimension: 38.00 x 55.00 x 10.00
38.00	38.00	38.00
Part No: SS303800 05600 1000 Groove Dimension: 38.00 x 56.00 x 10.00	Part No: SS303800 06000 1000 Groove Dimension: 38.00 x 60.00 x 10.00	Part No: SS303800 06200 0700 Groove Dimension: 38.00 x 62.00 x 7.00
38.00	38.00	38.00
Part No: SS303800 06200 1000 Groove Dimension: 38.00 x 62.00 x 10.00	Part No: SS303800 06500 0800 Groove Dimension: 38.00 x 65.00 x 8.00	Part No: SS303800 06800 0800 Groove Dimension: 38.00 x 68.00 x 8.00
38.00	38.00	40.00
Part No: SS303800 07000 1000 Groove Dimension: 38.00 x 70.00 x 10.00	Part No: SS303800 07200 1000 Groove Dimension: 38.00 x 72.00 x 10.00	Part No: SS304000 05000 0800 Groove Dimension: 40.00 x 50.00 x 8.00
40.00	40.00	40.00
Part No: SS304000 05200 0600 Groove Dimension: 40.00 x 52.00 x 6.00	Part No: SS304000 05200 0700 Groove Dimension: 40.00 x 52.00 x 7.00	Part No: SS304000 05200 0800 Groove Dimension: 40.00 x 52.00 x 8.00
40.00	40.00	40.00
Part No: SS304000 05200 1000 Groove Dimension: 40.00 x 52.00 x 10.00	Part No: SS304000 05500 0700 Groove Dimension: 40.00 x 55.00 x 7.00	Part No: SS304000 05500 0800 Groove Dimension: 40.00 x 55.00 x 8.00
40.00	40.00	40.00
Part No: SS304000 05500 1000 Groove Dimension: 40.00 x 55.00 x 10.00	Part No: SS304000 05600 0800 Groove Dimension: 40.00 x 56.00 x 8.00	Part No: SS304000 05600 1000 Groove Dimension: 40.00 x 56.00 x 10.00



45.00
Part No SS304500 06200 0800
Groove Dimension 45.00 x 62.00 x 8.00

45.00
Part No SS304500 06500 0800
Groove Dimension 45.00 x 65.00 x 8.00

45.00
Part No SS304500 06800 1200
Groove Dimension 45.00 x 68.00 x 12.00

45.00
Part No SS304500 07200 0800
Groove Dimension 45.00 x 72.00 x 8.00

45.00
Part No SS304500 05500 0700
Groove Dimension 45.00 x 55.00 x 7.00

45.00
Part No SS304500 06000 0700
Groove Dimension 45.00 x 60.00 x 7.00

45.00
Part No SS304500 06000 1000
Groove Dimension 45.00 x 60.00 x 10.00

45.00
Part No SS304500 06200 1000
Groove Dimension 45.00 x 62.00 x 10.00

45.00
Part No SS304500 06500 1000
Groove Dimension 45.00 x 65.00 x 10.00

45.00
Part No SS304500 07000 1000
Groove Dimension 45.00 x 70.00 x 10.00

45.00
Part No SS304500 07200 1000
Groove Dimension 45.00 x 72.00 x10.00

45.00
Part No SS304500 05800 0700
Groove Dimension 45.00 x 58.00 x 7.00

45.00
Part No SS304500 06200 0700
Groove Dimension 45.00 x 62.00 x 7.00

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Groove Dimension 40.00 x 62.00 x 7.00

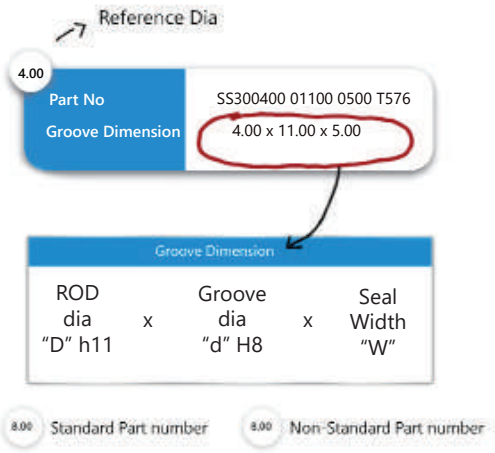
45.00
Part No SS304500 06200 1200
Groove Dimension 45.00 x 62.00 x 12.00

45.00
Part No SS304500 06800 1000
Groove Dimension 45.00 x 68.00 x 10.00

45.00
Part No SS304500 07200 0700
Groove Dimension 45.00 x 72.00 x 7.00

45.00
Part No SS304500 07500 0700
Groove Dimension 45.00 x 75.00 x 7.00

45.00	45.00	45.00
Part No: SS304500 07500 0700 Groove Dimension: 45.00 x 75.00 x 7.00	Part No: SS304500 07500 0800 Groove Dimension: 45.00 x 75.00 x 8.00	Part No: SS304500 07500 1000 Groove Dimension: 45.00 x 75.00 x 10.00
45.00	45.00	45.00
Part No: SS304500 08000 0800 Groove Dimension: 45.00 x 80.00 x 8.00	Part No: SS304500 08000 1000 Groove Dimension: 45.00 x 80.00 x 10.00	Part No: SS304500 08500 1000 Groove Dimension: 45.00 x 85.00 x 10.00
47.00	48.00	48.00
Part No: SS304700 06200 0600 Groove Dimension: 47.00 x 62.00 x 6.00	Part No: SS304800 06200 0800 Groove Dimension: 48.00 x 62.00 x 8.00	Part No: SS304800 06200 1000 Groove Dimension: 48.00 x 62.00 x 10.00
48.00	48.00	48.00
Part No: SS304800 06500 1000 Groove Dimension: 48.00 x 65.00 x 10.00	Part No: SS304800 06800 1000 Groove Dimension: 48.00 x 68.00 x 10.00	Part No: SS304800 07200 0800 Groove Dimension: 48.00 x 72.00 x 8.00
48.00	48.00	48.00
Part No: SS304800 07200 1000 Groove Dimension: 48.00 x 72.00 x 10.00	Part No: SS304800 08000 1000 Groove Dimension: 48.00 x 80.00 x 10.00	Part No: SS304800 09000 1000 Groove Dimension: 48.00 x 90.00 x 10.00
50.00	50.00	50.00
Part No: SS305000 06000 1000 Groove Dimension: 50.00 x 60.00 x 10.00	Part No: SS305000 06200 0700 Groove Dimension: 50.00 x 62.00 x 7.00	Part No: SS305000 06200 1000 Groove Dimension: 50.00 x 62.00 x 10.00
50.00	50.00	50.00
Part No: SS305000 06500 0800 Groove Dimension: 50.00 x 65.00 x 8.00	Part No: SS305000 06500 1000 Groove Dimension: 50.00 x 65.00 x 10.00	Part No: SS305000 06800 0800 Groove Dimension: 50.00 x 68.00 x 8.00

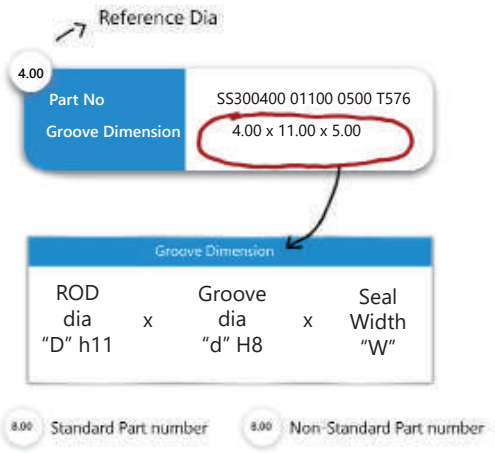


50.00	Part No	SS305000 07200 1000
	Groove Dimension	50.00 x 72.00 x 10.00
50.00	Part No	SS305000 08000 0800
	Groove Dimension	50.00 x 80.00 x 8.00
50.00	Part No	SS305000 08500 1000
	Groove Dimension	50.00 x 85.00 x 10.00
51.00	Part No	SS305100 07200 1000
	Groove Dimension	51.00 x 72.00 x 10.00

50.00	Part No	SS305000 06800 1000
	Groove Dimension	50.00 x 68.00 x 10.00
50.00	Part No	SS305000 07000 1000
	Groove Dimension	50.00 x 70.00 x 10.00
50.00	Part No	SS305000 07200 0600
	Groove Dimension	50.00 x 72.00 x 6.00
50.00	Part No	SS305000 07400 1000
	Groove Dimension	50.00 x 74.00 x 10.00
50.00	Part No	SS305000 08000 1000
	Groove Dimension	50.00 x 80.00 x 10.00
50.00	Part No	SS305000 09000 1000
	Groove Dimension	50.00 x 90.00 x 10.00
52.00	Part No	SS305200 06500 0800
	Groove Dimension	52..00 x 65.00 x 8.00

50.00	Part No	SS305000 07000 0800
	Groove Dimension	50.00 x 70.00 x 8.00
50.00	Part No	SS305000 07000 1200
	Groove Dimension	50.00 x 70.00 x 12.00
50.00	Part No	SS305000 07200 0800
	Groove Dimension	50.00 x 72.00 x 8.00
50.00	Part No	SS305000 07500 1000
	Groove Dimension	50.00 x 75.00 x 10.00
50.00	Part No	SS305000 08000 1300
	Groove Dimension	50.00 x 80.00 x 13.00
50.00	Part No	SS305000 10000 1000
	Groove Dimension	50.00 x 100.00 x 10.00
52.00	Part No	SS305200 06800 0800
	Groove Dimension	52.00 x 68..00 x 8.00

52.00	52.00	52.00
Part No: SS305200 06800 1000 Groove Dimension: 52.00 x 68.00 x 10.00	Part No: SS305200 06900 1000 Groove Dimension: 52.00 x 69.00 x 10.00	Part No: SS305200 07200 0800 Groove Dimension: 52.00 x 72.00 x 8.00
52.00	52.00	52.00
Part No: SS305200 07200 1000 Groove Dimension: 52.00 x 72.00 x 10.00	Part No: SS305200 07500 1200 Groove Dimension: 52.00 x 75.00 x 12.00	Part No: SS305200 07620 1000 Groove Dimension: 52.00 x 76.20 x 10.00
52.00	52.00	53.00
Part No: SS305200 08000 1000 Groove Dimension: 52.00 x 80.00 x 10.00	Part No: SS305200 01200 0600 Groove Dimension: 52.00 x 12.00 x 6.00	Part No: SS305300 06800 1000 Groove Dimension: 53.00 x 68.00 x 10.00
54.00	54.00	54.00
Part No: SS305400 07000 1000 Groove Dimension: 54.00 x70.00 x 10.00	Part No: SS305400 08500 1000 Groove Dimension: 54.00 x 85.00 x 10.00	Part No: SS305400 09000 1300 Groove Dimension: 54.00 x 90.00 x 13.00
55.00	55.00	55.00
Part No: SS305500 06800 0800 Groove Dimension: 55.00 x 68.00 x 8.00	Part No: SS305500 06800 1000 Groove Dimension: 55.00 x 68.00 x 10.00	Part No: SS305500 07000 0800 Groove Dimension: 55.00 x 70.00 x 8.00
55.00	55.00	55.00
Part No: SS305500 07000 1000 Groove Dimension: 55..00 x 70.00 x 10.00	Part No: SS305500 07200 0800 Groove Dimension: 55.00 x 72.00 x 8.00	Part No: SS305500 07200 1000 Groove Dimension: 55.00 x 72.00 x 10.00
55.00	85.00	85.00
Part No: SS305500 07500 0800 Groove Dimension: 55.00 x 75.00 x 8.00	Part No: SS308500 10000 0900 Groove Dimension: 85.00 x 100.00 x 9.00	Part No: SS308500 10500 1000 Groove Dimension: 85.00 x 105.00 x 10.00

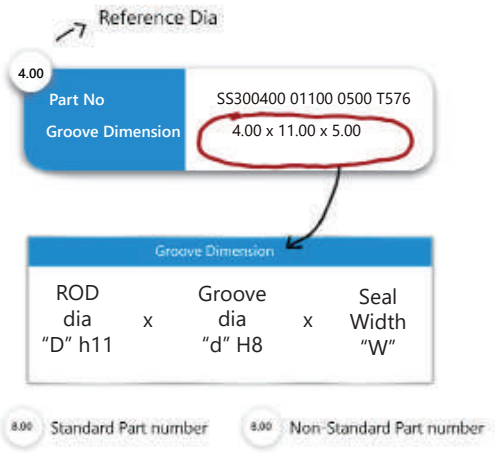


85.00	Part No	SS308500 11500 1300
	Groove Dimension	85.00 x 115.00 x 13.00
85.00	Part No	SS308500 13000 1300
	Groove Dimension	85.00 x 130.00 x 13.00
90.00	Part No	SS309000 11000 1000
	Groove Dimension	90.00 x 110.00 x 10.00
90.00	Part No	SS309000 11500 1200
	Groove Dimension	90.00 x 115.00 x 12.00

85.00	Part No	SS308500 10000 0900
	Groove Dimension	85.00 x 100.00 x 9.00
85.00	Part No	SS308500 10500 1300
	Groove Dimension	85.00 x 105.00 x 13.00
85.00	Part No	SS308500 11000 1200
	Groove Dimension	85.00 x 110.00 x 12.00
85.00	Part No	SS308500 12000 1200
	Groove Dimension	85.00 x 120.00 x 12.00
88.00	Part No	SS308800 11000 1200
	Groove Dimension	88.00 x 110.00 x 12.00
90.00	Part No	SS309000 11000 1200
	Groove Dimension	90.00 x 110.00 x 12.00
90.00	Part No	SS309000 11500 1300
	Groove Dimension	90.00 x 115.00 x 13.00

85.00	Part No	SS308500 10500 1000
	Groove Dimension	85.00 x 105.00 x 10.00
85.00	Part No	SS308500 11000 1000
	Groove Dimension	85.00 x 110.00 x 10.00
85.00	Part No	SS308500 11000 1300
	Groove Dimension	85.00 x 110.00 x 13.00
85.00	Part No	SS308500 13000 1200
	Groove Dimension	85.00 x 130.00 x 12.00
90.00	Part No	SS309000 11000 0800
	Groove Dimension	90.00 x 110.00 x 8.00
90.00	Part No	SS309000 11000 1300
	Groove Dimension	90.00 x 110.00 x 13.00
90.00	Part No	SS309000 12000 1000
	Groove Dimension	90.00 x 120.00 x 10.00

90.00	90.00	95.00
Part No: SS309000 12000 1200 Groove Dimension: 90.00 x 120.00 x 12.00	Part No: SS309000 12000 1300 Groove Dimension: 90.00 x 120.00 x 13.00	Part No: SS309500 11000 0600 Groove Dimension: 95.00 x 110.00 x 6.00
90.00	95.00	95.00
Part No: SS309000 14000 1300 Groove Dimension: 90.00 x 140.00 x 13.00	Part No: SS309500 11000 1000 Groove Dimension: 95.00 x 110.00 x 10.00	Part No: SS309500 11000 1200 Groove Dimension: 95.00 x 110.00 x 12.00
95.00	95.00	95.00
Part No: S309500 11500 1200 Groove Dimension: 95.00 x 115.00 x 12.00	Part No: SS309500 11500 1300 Groove Dimension: 95.00 x 115.00 x 13.00	Part No: SS309500 12000 1200 Groove Dimension: 95.00 x 120.00 x 12.00
95.00	95.00	95.00
Part No: SS309500 12000 1300 Groove Dimension: 95.00 x 120.00 x 13.00	Part No: SS309500 12500 1200 Groove Dimension: 95.00 x 125.00 x 12.00	Part No: SS309500 13000 1200 Groove Dimension: 95.00 x 130.00 x 12.00
95.00	95.00	95.00
Part No: SS309500 13600 1300 Groove Dimension: 95.00 x 136.00 x 13.00	Part No: SS309500 14500 1300 Groove Dimension: 95.00 x 145.00 x 13.00	Part No: SS309500 15000 1300 Groove Dimension: 95.00 x 150.00 x 13.00
95.00	96.00	98.00
Part No: SS309500 18050 1300 Groove Dimension: 95.00 x 180.50 x 13.00	Part No: SS309600 11700 1000 Groove Dimension: 96.00 x 117.00 x 10.00	Part No: SS309800 12000 1300 Groove Dimension: 98.00 x 120.00 x 13.00
100.00	100.00	100.00
Part No: SS310000 11500 0900 Groove Dimension: 100.00 x 115.00 x 9.00	Part No: SS310000 12000 1000 Groove Dimension: 100.00 x 120.00 x 10.00	Part No: SS310000 12000 1200 Groove Dimension: 100.00 x 120.00 x 12.00



100.00	
Part No	SS310000 14000 1300
Groove Dimension	100.00 x 140.00 x 13.00

102.00	
Part No	SS310200 13000 1300
Groove Dimension	102.00 x 130.00 x 13.00

105.00	
Part No	SS310500 13000 1200
Groove Dimension	105.00 x 130.00 x 12.00

105.00	
Part No	SS310500 15000 1500
Groove Dimension	105.00 x 150.00 x 15.00

100.00	
Part No	SS310000 12000 1300
Groove Dimension	100.00 x 120.00 x 13.00

100.00	
Part No	SS310000 12500 1200
Groove Dimension	100.00 x 125.00 x 12.00

100.00	
Part No	SS310000 13000 1200
Groove Dimension	100.00 x 130.00 x 12.00

100.00	
Part No	SS310000 15000 1200
Groove Dimension	100.00 x 150.00 x 12.00

105.00	
Part No	SS310500 12500 1000
Groove Dimension	105.00 x 125.00 x 10.00

105.00	
Part No	SS310500 13000 1300
Groove Dimension	105.00 x 130.00 x 13.00

110.00	
Part No	SS311000 13000 0800
Groove Dimension	110.00 x 130.00 x 8.00

100.00	
Part No	SS310000 12000 0600
Groove Dimension	100.00 x 120.00 x 6.00

100.00	
Part No	SS310000 13000 1000
Groove Dimension	100.00 x 130.00 x 10.00

100.00	
Part No	SS310000 13000 1300
Groove Dimension	100.00 x 130.00 x 13.00

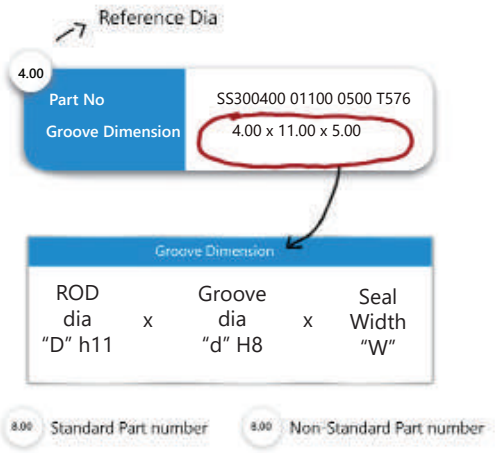
100.00	
Part No	SS310000 18500 1300
Groove Dimension	100.00 x 185.00 x 13.00

105.00	
Part No	SS310500 12500 1300
Groove Dimension	105.00 x 125.00 x 13.00

105.00	
Part No	SS310500 14000 1200
Groove Dimension	105.00 x 140.00 x 12.00

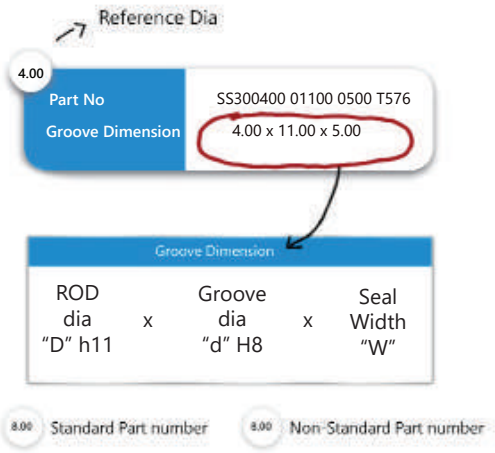
110.00	
Part No	SS311000 13000 1200
Groove Dimension	110.00 x 130.00 x 12.00

110.00	Part No	SS311000 13000 1300
	Groove Dimension	110.00 x 130.00 x 13.00
110.00	Part No	SS311000 14000 1200
	Groove Dimension	110.00 x 140.00 x 12.00
110.00	Part No	SS311000 14000 1300
	Groove Dimension	110.00 x 140.00 x 13.00
110.00	Part No	SS311000 15000 1300
	Groove Dimension	110.00 x 150.00 x 13.00
110.00	Part No	SS311000 15000 1500
	Groove Dimension	110.00 x 150.00 x 15.00
110.00	Part No	SS311000 18050 1300
	Groove Dimension	110.00 x 180.50 x 13.00
110.00	Part No	SS311000 20000 1300
	Groove Dimension	110.00 x 200.00 x 13.00
95.00	Part No	SS311500 13000 1200
	Groove Dimension	115.00 x 130.00 x 12.00
115.00	Part No	SS311500 13500 1000
	Groove Dimension	115.00 x 135.00 x 10.00
115.00	Part No	SS311500 14000 1200
	Groove Dimension	115.00 x 140.00 x 12.00
115.00	Part No	SS311500 14000 1300
	Groove Dimension	115.00 x 140.00 x 13.00
115.00	Part No	SS311500 15000 1000
	Groove Dimension	115.00 x 150.00 x 10.00
115.00	Part No	SS311500 15000 1200
	Groove Dimension	115.00 x 150.00 x 12.00
120.00	Part No	SS312000 14000 1200
	Groove Dimension	120.00 x 140.00 x 12.00
120.00	Part No	SS312000 14000 1300
	Groove Dimension	120.00 x 140.00 x 13.00
120.00	Part No	SS312000 14500 1500
	Groove Dimension	120.00 x 145.00 x 15.00
120.00	Part No	SS312000 15000 1200
	Groove Dimension	120.00 x 150.00 x 12.00
120.00	Part No	SS312000 15000 1300
	Groove Dimension	120.00 x 150.00 x 13.00
120.00	Part No	SS312000 16000 1200
	Groove Dimension	120.00 x 160.00 x 12.00
122.00	Part No	SS312200 15000 1500
	Groove Dimension	122.00 x 150.00 x 15.00
125.00	Part No	SS312500 15000 1200
	Groove Dimension	125.00 x 150.00 x 12.00



130.00	Part No	SS313000 16000 1200
	Groove Dimension	130.00 x 160.00 x 12.00
130.00	Part No	SS313000 17000 1200
	Groove Dimension	130.00 x 170.00 x 12.00
135.00	Part No	SS313500 16000 1200
	Groove Dimension	135.00 x 160.00 x 12.00
135.00	Part No	SS313500 17000 1200
	Groove Dimension	135.00 x 170.00 x 12.00
125.00	Part No	SS312500 15000 1300
	Groove Dimension	125.00 x 150.00 x 13.00
128.00	Part No	SS312800 15000 1500
	Groove Dimension	128.00 x 150.00 x 15.00
130.00	Part No	SS313000 15000 1080
	Groove Dimension	130.00 x 150.00 x 10.80
130.00	Part No	SS313000 16000 1300
	Groove Dimension	130.00 x 160.00 x 13.00
130.00	Part No	SS313000 17000 1300
	Groove Dimension	130.00 x 170.00 x 13.00
135.00	Part No	SS313500 16000 1300
	Groove Dimension	135.00 x 160.00 x 13.00
140.00	Part No	SS314000 16000 1200
	Groove Dimension	140.00 x 160.00 x 12.00
125.00	Part No	SS312500 16000 1200
	Groove Dimension	125.00 x 160.00 x 12.00
130.00	Part No	SS313000 15000 1000
	Groove Dimension	130.00 x 150.00 x 10.00
130.00	Part No	SS313000 16000 0750
	Groove Dimension	130.00 x 160.00 x 7.50
130.00	Part No	SS313000 16000 1500
	Groove Dimension	130.00 x 160.00 x 15.00
130.00	Part No	SS313000 18000 1500
	Groove Dimension	130.00 x 180.00 x 15.00
135.00	Part No	SS313500 16000 1500
	Groove Dimension	135.00 x 160.00 x 15.00
140.00	Part No	SS314000 16000 1300
	Groove Dimension	140.00 x 160.00 x 13.00

140.00	140.00	140.00
Part No: SS314000 16500 1200	Part No: SS314000 17000 1200	Part No: SS314000 17000 1300
Groove Dimension: 140.00 x 165.00 x 12.00	Groove Dimension: 140.00 x 170.00 x 12.00	Groove Dimension: 140.00 x 170.00 x 13.00
140.00	140.00	140.00
Part No: SS314000 17000 1500	Part No: SS314000 18000 1200	Part No: SS314000 19000 1500
Groove Dimension: 140.00 x 170.00 x 15.00	Groove Dimension: 140.00 x 180.00 x 12.00	Groove Dimension: 140.00 x 190.00 x 15.00
145.00	145.00	145.00
Part No: SS314500 17000 1500	Part No: SS314500 17500 1500	Part No: SS314500 18000 1200
Groove Dimension: 145.00 x 170.00 x 15.00	Groove Dimension: 145.00 x 175.00 x 15.00	Groove Dimension: 145.00 x 180.00 x 12.00
148.00	150.00	150.00
Part No: SS314800 17000 1500	Part No: SS315000 17000 1500	Part No: SS315000 18000 1200
Groove Dimension: 148.00 x 170.00 x 15.00	Groove Dimension: 150.00 x 170.00 x 15.00	Groove Dimension: 150.00 x 180.00 x 12.00
150.00	150.00	155.00
Part No: SS315000 18000 1300	Part No: SS315000 18000 1500	Part No: SS315500 17400 1200
Groove Dimension: 150.00 x 180.00 x 13.00	Groove Dimension: 150.00 x 180.00 x 15.00	Groove Dimension: 155.00 x 174.00 x 12.00
155.00	155.00	160.00
Part No: SS315500 18000 1500	Part No: SS315500 19000 1500	Part No: SS316000 18000 1000
Groove Dimension: 155.00 x 180.00 x 15.00	Groove Dimension: 155.00 x 190.00 x 15.00	Groove Dimension: 160.00 x 180.00 x 10.00
160.00	160.00	160.00
Part No: SS316000 18000 1500	Part No: SS316000 18500 1000	Part No: SS316000 18500 1300
Groove Dimension: 160.00 x 180.00 x 15.00	Groove Dimension: 160.00 x 185.00 x 10.00	Groove Dimension: 160.00 x 185.00 x 13.00



170.00	Part No	SS317000 20000 0750
	Groove Dimension	170.00 x 200.00 x 7.50
175.00	Part No	SS317500 20000 1000
	Groove Dimension	175.00 x 200.00 x 10.00
180.00	Part No	SS318000 20000 1500
	Groove Dimension	180.00 x 200.00 x 15.00
180.00	Part No	SS318000 22000 1500
	Groove Dimension	180.00 x 220.00 x 15.00

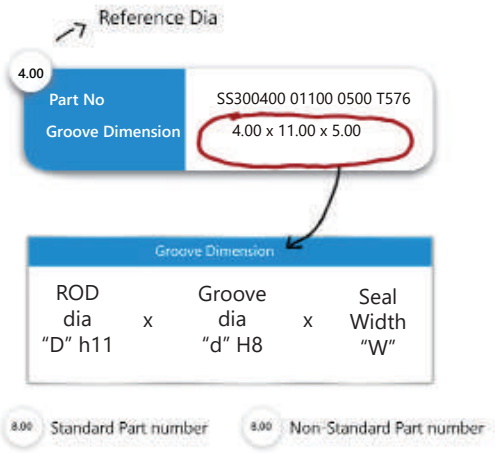
160.00	Part No	SS316000 18500 1000
	Groove Dimension	160.00 x 185.00 x 10.00
160.00	Part No	SS316000 19000 1300
	Groove Dimension	160.00 x 190.00 x 13.00
160.00	Part No	SS316000 20000 1200
	Groove Dimension	160.00 x 200.00 x 12.00
170.00	Part No	SS317000 20000 1200
	Groove Dimension	170.00 x 200.00 x 12.00
175.00	Part No	SS317500 20000 1500
	Groove Dimension	175.00 x 200.00 x 15.00
180.00	Part No	SS318000 21000 1500
	Groove Dimension	180.00 x 210.00 x 15.00
185.00	Part No	SS318500 21000 1000
	Groove Dimension	185.00 x 210.00 x 10.00

160.00	Part No	SS316000 18500 1300
	Groove Dimension	160.00 x 185.00 x 13.00
160.00	Part No	SS316000 19000 1500
	Groove Dimension	160.00 x 190.00 x 15.00
165.00	Part No	SS316500 19000 1300
	Groove Dimension	165.00 x 190.00 x 13.00
170.00	Part No	SS317000 20000 1500
	Groove Dimension	170.00 x 200.00 x 15.00
175.00	Part No	SS317500 20500 1500
	Groove Dimension	175.00 x 205.00 x 15.00
180.00	Part No	SS318000 21500 1600
	Groove Dimension	180.00 x 215.00 x 16.00
185.00	Part No	SS318500 21000 1300
	Groove Dimension	185.00 x 210.00 x 13.00

190.00	Part No	SS319000 21500 1500
	Groove Dimension	190.00 x 215.00 x 15.00
195.00	Part No	SS319500 23000 1600
	Groove Dimension	195.00 x 230.00 x 16.00
200.00	Part No	SS320000 25000 1500
	Groove Dimension	200.00 x 250.00 x 15.00
210.00	Part No	SS321000 25000 1500
	Groove Dimension	210.00 x 250.00 x 15.00
220.00	Part No	SS322000 26000 1600
	Groove Dimension	220.00 x 260.00 x 16.00
240.00	Part No	SS324000 27000 1500
	Groove Dimension	240.00 x 270.00 x 15.00
250.00	Part No	SS325000 28000 1500
	Groove Dimension	250.00 x 280.00 x 15.00

190.00	Part No	SS319000 21000 1500
	Groove Dimension	190.00 x 210.00 x 15.00
200.00	Part No	SS320000 22500 1500
	Groove Dimension	200.00 x 225.00 x 15.00
205.00	Part No	SS320500 23000 1600
	Groove Dimension	205.00 x 230.00 x 16.00
215.00	Part No	SS321500 24000 1200
	Groove Dimension	215.00 x 240.00 x 12.00
230.00	Part No	SS323000 26000 1500
	Groove Dimension	230.00 x 260.00 x 15.00
240.00	Part No	SS324000 28000 1500
	Groove Dimension	240.00 x 280.00 x 15.00
250.00	Part No	SS325000 29000 1500
	Groove Dimension	250.00 x 290.00 x 15.00

190.00	Part No	SS319000 22500 1600
	Groove Dimension	190.00 x 225.00 x 16.00
200.00	Part No	SS320000 23000 1500
	Groove Dimension	200.00 x 230.00 x 15.00
210.00	Part No	SS321000 24000 1500
	Groove Dimension	210.00 x 240.00 x 15.00
220.00	Part No	SS322000 25000 1500
	Groove Dimension	220.00 x 250.00 x 15.00
230.00	Part No	SS323000 27000 1500
	Groove Dimension	230.00 x 270.00 x 15.00
240.00	Part No	SS324000 33500 1500
	Groove Dimension	240.00 x 335.00 x 15.00
260.00	Part No	SS326000 29000 1500
	Groove Dimension	260.00 x 290.00 x 15.00



300.00	
Part No	SS330000 34000 1800
Groove Dimension	300.00 x 340.00 x 18.00

340.00	
Part No	SS334000 38000 2000
Groove Dimension	340.00 x 380.00 x 20.00

380.00	
Part No	SS338000 42000 2000
Groove Dimension	380.00 x 420.00 x 20.00

420.00	
Part No	SS342000 46000 2000
Groove Dimension	420.00 x 460.00 x 20.00

260.00	
Part No	SS326000 30000 2000
Groove Dimension	260.00 x 300.00 x 20.00

265.00	
Part No	SS326500 31000 1600
Groove Dimension	265.00 x 310.00 x 16.00

280.00	
Part No	SS328000 12000 0600
Groove Dimension	280.00 x 120.00 x 6.00

300.00	
Part No	SS330000 34000 2000
Groove Dimension	300.00 x 340.00 x 20.00

360.00	
Part No	SS336000 40000 1800
Groove Dimension	360.00 x 400.00 x 18.00

400.00	
Part No	SS340000 44000 2000
Groove Dimension	400.00 x 440.00 x 20.00

440.00	
Part No	SS344000 48000 2000
Groove Dimension	440.00 x 480.00 x 20.00

265.00	
Part No	SS326500 29000 1600
Groove Dimension	265.00 x 290.00 x 16.00

280.00	
Part No	SS328000 31000 1500
Groove Dimension	280.00 x 310.00 x 15.00

300.00	
Part No	SS330000 34000 1600
Groove Dimension	300.00 x 340.00 x 16.00

320.00	
Part No	SS332000 36000 2000
Groove Dimension	320.00 x 360.00 x 20.00

360.00	
Part No	SS336000 40000 2000
Groove Dimension	360.00 x 400.00 x 20.00

420.00	
Part No	SS342000 45000 1500
Groove Dimension	420.00 x 450.00 x 15.00

480.00	
Part No	SS348000 52000 2000
Groove Dimension	480.00 x 520.00 x 20.00

500.00

Part No	SS350000 54000 2000
Groove Dimension	500.00 x 540.00 x 20.00

800.00

Part No	SS380000 84000 2000
Groove Dimension	800.00 x 840.00 x 20.00

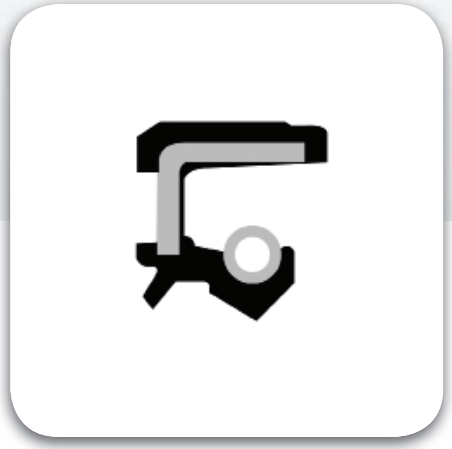
TRIADA

SD3

Rotary Seals

#SealingExcellence



Description

The SD3 type is a Double lip rotary shaft seal with metallic ring reinforcement and sheathed by the rubber on outer diameter. The primary lip is used for sealing the medium whereas the secondary lip or the dust lip is used to wipe the dust. The inside metal may be of carbon steel or stainless steeldepending on the application, media, cycle speed etc., the rubber compound is selected considering the media compatibility, temperature, surface speed etc.

Diameter Range	Ø4.00 – Ø2500.00 (Larger dia. on request)
Standard material	TRIAFLEX® T576(NBR)
Temperature(°C)	-30° C to 200° C (Based on Elastomer Material).
Speed	<10.0 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected. Conditions).
Pressure	<0.5 bar

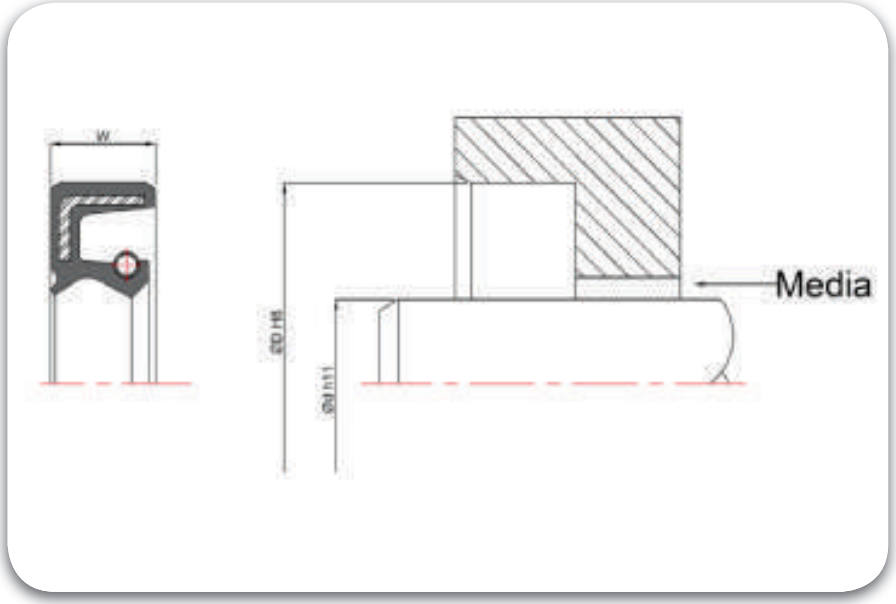
Material Details

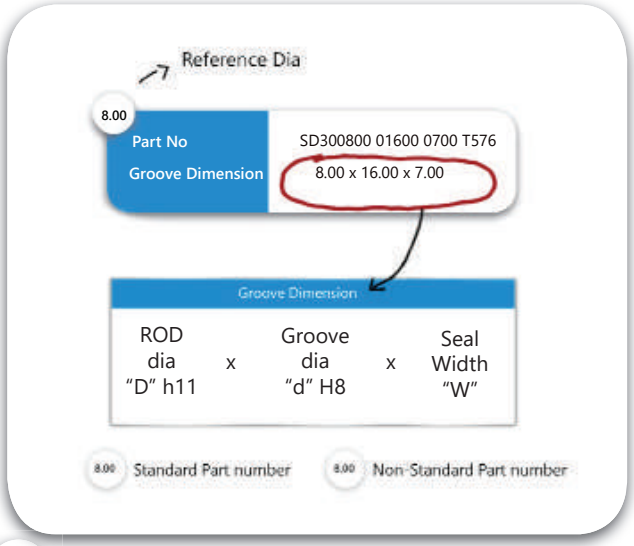
Material	Material Code
TRIAFLEX® NBR 75	T576
TRIAFLEX® FKM 75	T676

Nomenclature

Part No	SD3	12500	15000	1200	T576
	TRIADA TYPE	Rod Dia x100	Groove Dia x 100	Groove Width x 100	Seal Material Code





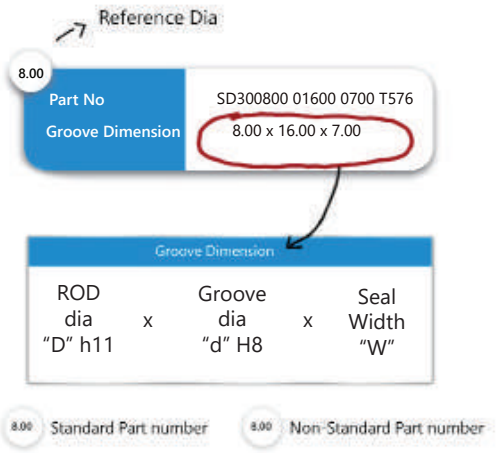


10.00	Part No	SD301000 02600 0700
	Groove Dimension	10.00 x 26.00 x 7.00
12.00	Part No	SD301200 02000 0500
	Groove Dimension	12.00 x 20.00 x 5.00
12.00	Part No	SD301200 02500 0700
	Groove Dimension	12.00 x 25.00 x 7.00
13.00	Part No	SD301300 02600 0900
	Groove Dimension	13.00 x 26.00 x 9.00

8.00	Part No	SD300800 01600 0700
	Groove Dimension	8.00 x 16.00 x 7.00
10.00	Part No	SD300100 01800 0600
	Groove Dimension	10.00 x 18.00 x 6.00
10.00	Part No	SD301000 02000 0500
	Groove Dimension	10.00 x 20.00 x 5.00
11.00	Part No	SD301100 01700 0400
	Groove Dimension	11.00 x 17.00 x 4.00
12.00	Part No	SD301200 02200 0600
	Groove Dimension	12.00 x 22.00 x 6.00
12.00	Part No	SD301200 02800 0700
	Groove Dimension	12.00 x 28.00 x 7.00
14.00	Part No	SD301400 03500 0700
	Groove Dimension	14.00 x 35.00 x 7.00

8.00	Part No	SD300800 02000 0600
	Groove Dimension	8.00 x 20.00 x 6.00
10.00	Part No	SD301000 01900 0700
	Groove Dimension	10.00 x 19.00 x 7.00
10.00	Part No	SD301000 02200 0700
	Groove Dimension	10.00 x 22.00 x 7.00
12.00	Part No	SD301200 01900 0500
	Groove Dimension	12.00 x 19.00 x 5.00
12.00	Part No	SD301200 02200 0700
	Groove Dimension	12.00 x 22.00 x 7.00
12.00	Part No	SD301200 03200 0700
	Groove Dimension	12.00 x 32.00 x 7.00
15.00	Part No	SD301500 02400 0700
	Groove Dimension	15.00 x 24.00 x 7.00

15.00	15.00	15.00
Part No: SD301500 02600 0700	Part No: SD301500 02800 0700	Part No: SD301500 03000 0700
Groove Dimension: 15.00 x 26.00 x 7.00	Groove Dimension: 15.00 x 28.00 x 7.00	Groove Dimension: 15.00 x 30.00 x 7.00
15.00	15.00	16.00
Part No: SD301500 03200 0700	Part No: SD301500 03500 0700	Part No: SD301600 02800 0700
Groove Dimension: 15.00 x 32.00 x 7.00	Groove Dimension: 15.00 x 35.00 x 7.00	Groove Dimension: 16.00 x 28.00 x 7.00
16.00	17.00	17.00
Part No: SD301600 02900 0400	Part No: SD301700 02800 0700	Part No: SD301700 03000 0700
Groove Dimension: 16.00 x 29.00 x 4.00	Groove Dimension: 17.00 x 28.00 x 7.00	Groove Dimension: 17.00 x 30.00 x 7.00
17.00	17.00	17.80
Part No: SD301700 03700 0700	Part No: SD301700 04000 0700	Part No: SD301780 02620 0350
Groove Dimension: 17.00 x 37.00 x 7.00	Groove Dimension: 17.00 x 40.00 x 7.00	Groove Dimension: 17.80 x 26.20 x 3.50
18.00	18.00	18.00
Part No: SD301800 02800 0700	Part No: SD301800 03000 0700	Part No: SD301800 03200 0700
Groove Dimension: 18.00 x 28.00 x 7.00	Groove Dimension: 18.00 x 30.00 x 7.00	Groove Dimension: 18.00 x 32.00 x 7.00
18.00	20.00	20.00
Part No: SD301800 03500 0700	Part No: SD302000 03000 0700	Part No: SD302000 03400 0700
Groove Dimension: 18.00 x 35.00 x 7.00	Groove Dimension: 20.00 x 30.00 x 7.00	Groove Dimension: 20.00 x 34.00 x 7.00
20.00	20.00	20.00
Part No: SD302000 03500 0700	Part No: SD302000 03600 0700	Part No: SD302000 04000 0700
Groove Dimension: 20.00 x 35.00 x 7.00	Groove Dimension: 20.00 x 36.00 x 7.00	Groove Dimension: 20.00 x 40.00 x 7.00

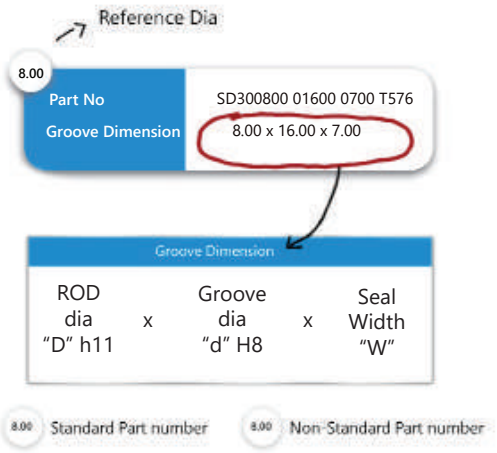


22.00	Part No	SD302200 03200 0700
	Groove Dimension	22.00 x 32.00 x 7.00
22.00	Part No	SD302200 04700 0700
	Groove Dimension	22.00 x 47.00 x 7.00
24.00	Part No	SD302400 04700 0700
	Groove Dimension	24.00 x 47.00 x 7.00
25.00	Part No	SD302500 03500 0700
	Groove Dimension	25.00 x 35.00 x 7.00

20.00	Part No	SD302000 04200 0700
	Groove Dimension	20.00 x 42.00 x 7.00
20.00	Part No	SD302000 04700 0700
	Groove Dimension	20.00 x 47.00 x 7.00
20.00	Part No	SD302000 05200 0800
	Groove Dimension	20.00 x 52.00 x 8.00
22.00	Part No	SD302200 03500 0700
	Groove Dimension	22.00 x 35.00 x 7.00
24.00	Part No	SD302400 03200 0700
	Groove Dimension	24.00 x 32.00 x 7.00
25.00	Part No	SD302500 03200 0600
	Groove Dimension	25.00 x 32.00 x 6.00
25.00	Part No	SD302500 03800 0800
	Groove Dimension	25.00 x 38.00 x 8.00

20.00	Part No	SD302000 04200 1000
	Groove Dimension	20.00 x 42.00 x 10.00
20.00	Part No	SD302000 04700 1000
	Groove Dimension	20.00 x 47.00 x 10.00
22.00	Part No	SD302200 02800 0400
	Groove Dimension	22.00 x 28.00 x 4.00
22.00	Part No	SD302200 04000 0700
	Groove Dimension	22.00 x 40.00 x 7.00
24.00	Part No	SD302400 03600 0700
	Groove Dimension	24.00 x 36.00 x 7.00
25.00	Part No	SD302500 03500 0600
	Groove Dimension	25.00 x 35.00 x 6.00
25.00	Part No	SD302500 04000 0700
	Groove Dimension	25.00 x 40.00 x 7.00

25.00	25.00	25.00
Part No: SD302500 04000 0800	Part No: SD302500 04200 0700	Part No: SD302500 04200 1000
Groove Dimension: 25.00 x 40.00 x 8.00	Groove Dimension: 25.00 x 42.00 x 7.00	Groove Dimension: 25.00 x 42.00 x 10.00
25.00	25.00	25.00
Part No: SD302500 04700 0700	Part No: SD302500 04700 0800	Part No: SD302500 04700 1000
Groove Dimension: 25.00 x 47.00 x 7.00	Groove Dimension: 25.00 x 47.00 x 8.00	Groove Dimension: 25.00 x 47.00 x 10.00
25.00	25.00	25.00
Part No: SD302500 05200 0700	Part No: SD302500 05200 1000	Part No: SD302500 06200 0700
Groove Dimension: 25.00 x 52.00 x 7.00	Groove Dimension: 25.00 x 52.00 x 10.00	Groove Dimension: 25.00 x 62.00 x 7.00
26.00	28.00	28.00
Part No: SD302600 03700 0700	Part No: SD302800 04000 0700	Part No: SD302800 04200 0800
Groove Dimension: 26.00 x 37.00 x 7.00	Groove Dimension: 28.00 x 40.00 x 7.00	Groove Dimension: 28.00 x 42.00 x 8.00
28.00	28.00	28.00
Part No: SD302800 04500 0700	Part No: SD302800 04700 0700	Part No: SD302800 04700 1000
Groove Dimension: 28.00 x 45.00 x 7.00	Groove Dimension: 28.00 x 47.00 x 7.00	Groove Dimension: 28.00 x 47.00 x 10.00
28.00	28.00	30.00
Part No: SD302800 05200 0700	Part No: SD302800 05200 1000	Part No: SD303000 04000 0700
Groove Dimension: 28.00 x 52.00 x 7.00	Groove Dimension: 28.00 x 52.00 x 10.00	Groove Dimension: 30.00 x 40.00 x 7.00
30.00	30.00	30.00
Part No: SD303000 04200 0570	Part No: SD303000 04200 0600	Part No: SD303000 04200 0700
Groove Dimension: 30.00 x 42.00 x 5.70	Groove Dimension: 30.00 x 42.00 x 6.00	Groove Dimension: 30.00 x 42.00 x 7.00



30.00	Part No	SD303000 05200 1000
	Groove Dimension	30.00 x 52.00 x 10.00
30.00	Part No	SD303000 06200 0700
	Groove Dimension	30.00 x 62.00 x 7.00
32.00	Part No	SD303200 04200 0500
	Groove Dimension	32.00 x 42.00 x 5.00
32.00	Part No	SD303200 04700 1000
	Groove Dimension	32.00 x 47.00 x 10.00

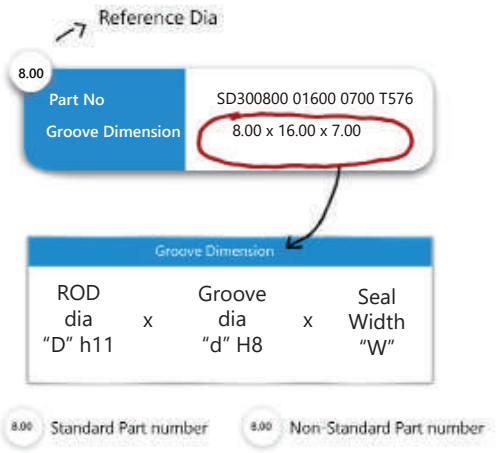
30.00	Part No	SD303000 04200 0800
	Groove Dimension	30.00 x 42.00 x 8.00
30.00	Part No	SD303000 04700 0800
	Groove Dimension	30.00 x 47.00 x 8.00
30.00	Part No	SD303000 05000 1000
	Groove Dimension	30.00 x 50.00 x 10.00
30.00	Part No	SD303000 05500 0700
	Groove Dimension	30.00 x 55.00 x 7.00
30.00	Part No	SD303000 06200 1000
	Groove Dimension	30.00 x 62.00 x 10.00
32.00	Part No	SD303200 04500 0700
	Groove Dimension	32.00 x 45.00 x 7.00
32.00	Part No	SD303200 05000 1000
	Groove Dimension	32.00 x 50.00 x 10.00

30.00	Part No	SD303000 04700 0700
	Groove Dimension	30.00 x 47.00 x 7.00
30.00	Part No	SD303000 04800 0700
	Groove Dimension	30.00 x 48.00 x 7.00
30.00	Part No	SD303000 05200 0700
	Groove Dimension	30.00 x 52.00 x 7.00
30.00	Part No	SD303000 05500 1000
	Groove Dimension	30.00 x 55.00 x 10.00
30.00	Part No	SD303000 07200 1000
	Groove Dimension	30.00 x 72.00 x 10.00
32.00	Part No	SD303200 04500 0800
	Groove Dimension	32.00 x 45.00 x 8.00
32.00	Part No	SD303200 05200 0700
	Groove Dimension	32.00 x 52.00 x 7.00

32.00	Part No	SD303200 05200 0700
	Groove Dimension	32.00 x 52.00 x 7.00
35.00	Part No	SD303500 05000 0700
	Groove Dimension	35.00 x 50.00 x 7.00
35.00	Part No	SD303500 05200 0800
	Groove Dimension	35.00 x 52.00 x 8.00
35.00	Part No	SD303500 05600 1000
	Groove Dimension	35.00 x 56.00 x 10.00
35.00	Part No	SD303500 06200 0800
	Groove Dimension	35.00 x 62.00 x 8.00
35.00	Part No	SD303500 07200 0700
	Groove Dimension	35.00 x 72.00 x 7.00
35.00	Part No	SD303500 08000 1000
	Groove Dimension	35.00 x 80.00 x 10.00

34.00	Part No	SD303400 07200 1000
	Groove Dimension	34.00 x 72.00 x 10.00
35.00	Part No	SD303500 05200 0600
	Groove Dimension	35.00 x 52.00 x 6.00
35.00	Part No	SD303500 05200 1000
	Groove Dimension	35.00 x 52.00 x 10.00
35.00	Part No	SD303500 05800 1000
	Groove Dimension	35.00 x 58.00 x 10.00
35.00	Part No	SD303500 06200 1000
	Groove Dimension	35.00 x 62.00 x 10.00
35.00	Part No	SD303500 07200 1000
	Groove Dimension	35.00 x 72.00 x 10.00
35.00	Part No	SD303500 08000 1200
	Groove Dimension	35.00 x 80.00 x 12.00

35.00	Part No	SD303500 04700 0700
	Groove Dimension	35.00 x 47.00 x 7.00
35.00	Part No	SD303500 05200 0700
	Groove Dimension	35.00 x 52.00 x 7.00
35.00	Part No	SD303500 05500 0800
	Groove Dimension	35.00 x 55.00 x 8.00
35.00	Part No	SD303500 06200 0700
	Groove Dimension	35.00 x 62.00 x 7.00
35.00	Part No	SD303500 06200 1200
	Groove Dimension	35.00 x 62.00 x 12.00
35.00	Part No	SD303500 07200 1200
	Groove Dimension	35.00 x 72.00 x 12.00
35.00	Part No	SD303600 04700 0700
	Groove Dimension	36.00 x 47.00 x 7.00

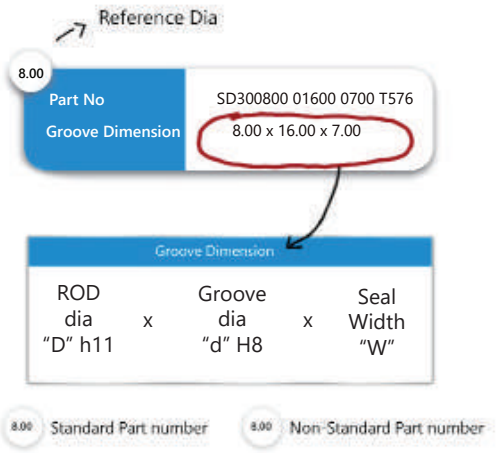


38.00	Part No	SD303800 06200 1000
	Groove Dimension	38.00 x 62.00 x 10.00
40.00	Part No	SD304000 05500 0700
	Groove Dimension	40.00 x 55.00 x 7.00
40.00	Part No	SD304000 05800 0900
	Groove Dimension	40.00 x 58.00 x 9.00
40.00	Part No	SD304000 06200 0700
	Groove Dimension	40.00 x 62.00 x 7.00

36.00	Part No	SD303600 05000 0700
	Groove Dimension	36.00 x 50.00 x 7.00
36.00	Part No	SD303600 05400 0700
	Groove Dimension	36.00 x 54.00 x 7.00
36.00	Part No	SD303600 06800 1000
	Groove Dimension	36.00 x 68.00 x 10.00
40.00	Part No	SD304000 05200 0500
	Groove Dimension	40.00 x 52.00 x 5.00
40.00	Part No	SD304000 05500 0800
	Groove Dimension	40.00 x 55.00 x 8.00
40.00	Part No	SD304000 05800 1000
	Groove Dimension	40.00 x 58.00 x 10.00
40.00	Part No	SD304000 06200 0900
	Groove Dimension	40.00 x 62.00 x 9.00

36.00	Part No	SD303600 0520 07000
	Groove Dimension	36.00 x 52.00 x 7.00
36.00	Part No	SD303600 05800 1000
	Groove Dimension	36.00 x 58.00 x 10.00
38.00	Part No	SD303800 05200 0700
	Groove Dimension	38.00 x 52.00 x 7.00
40.00	Part No	SD304000 05200 0700
	Groove Dimension	40.00 x 52.00 x 7.00
40.00	Part No	SD304000 05600 0800
	Groove Dimension	40.00 x 56.00 x 8.00
40.00	Part No	SD304000 06000 1000
	Groove Dimension	40.00 x 60.00 x 10.00
40.00	Part No	SD304000 06200 1000
	Groove Dimension	40.00 x 62.00 x 10.00

40.00	Part No	SD304000 06800 0700
	Groove Dimension	40.00 x 68.00 x 7.00
40.00	Part No	SD304000 06800 0800
	Groove Dimension	40.00 x 68.00 x 8.00
40.00	Part No	SD304000 07200 0700
	Groove Dimension	40.00 x 72.00 x 7.00
40.00	Part No	SD304000 07200 1000
	Groove Dimension	40.00 x 72.00 x 10.00
40.00	Part No	SD304000 08000 0700
	Groove Dimension	40.00 x 80.00 x 7.00
40.00	Part No	SD304000 08000 0800
	Groove Dimension	40.00 x 80.00 x 8.00
40.00	Part No	SD304000 08000 1000
	Groove Dimension	40.00 x 80.00 x 10.00
40.00	Part No	SD304000 08000 1200
	Groove Dimension	40.00 x 80.00 x 12.00
40.00	Part No	SD304000 09000 0800
	Groove Dimension	40.00 x 90.00 x 8.00
40.00	Part No	SD304000 09000 1000
	Groove Dimension	40.00 x 90.00 x 10.00
42.00	Part No	SD304200 05500 0800
	Groove Dimension	42.00 x 55.00 x 8.00
42.00	Part No	SD304200 06000 0700
	Groove Dimension	42.00 x 60.00 x 7.00
42.00	Part No	SD304200 06200 0700
	Groove Dimension	42.00 x 62.00 x 7.00
42.00	Part No	SD304200 06200 1000
	Groove Dimension	42.00 x 62.00 x 10.00
42.00	Part No	SD304200 07200 0800
	Groove Dimension	42.00 x 72.00 x 8.00
42.00	Part No	SD304200 07200 1000
	Groove Dimension	42.00 x 72.00 x 10.00
45.00	Part No	SD304500 06000 0700
	Groove Dimension	45.00 x 60.00 x 7.00
45.00	Part No	SD304500 06000 0800
	Groove Dimension	45.00 x 60.00 x 8.00
45.00	Part No	SD304500 06200 0700
	Groove Dimension	45.00 x 62.00 x 7.00
45.00	Part No	SD304500 06200 0800
	Groove Dimension	45.00 x 62.00 x 8.00
45.00	Part No	SD304500 06200 1000
	Groove Dimension	45.00 x 62.00 x 10.00



45.00	Part No	SD304500 07200 1200
	Groove Dimension	45.00 x 72.00 x 12.00
45.00	Part No	SD304500 07500 1000
	Groove Dimension	45.00 x 75.00 x 10.00
45.00	Part No	SD304500 09000 1000
	Groove Dimension	45.00 x 90.00 x 10.00
48.00	Part No	SD304800 06500 1000
	Groove Dimension	48.00 x 65.00 x 10.00

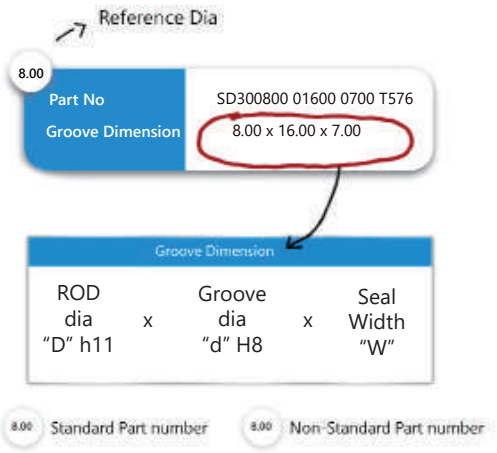
45.00	Part No	SD304500 06500 0800
	Groove Dimension	45.00 x 65.00 x 8.00
45.00	Part No	SD304500 06800 0800
	Groove Dimension	45.00 x 68.00 x 8.00
45.00	Part No	SD304500 07200 0800
	Groove Dimension	45.00 x 72.00 x 8.00
45.00	Part No	SD304500 07500 0700
	Groove Dimension	45.00 x 75.00 x 7.00
45.00	Part No	SD304500 08000 1000
	Groove Dimension	45.00 x 80.00 x 10.00
47.00	Part No	SD304700 09000 1000
	Groove Dimension	47.00 x 90.00 x 10.00
48.00	Part No	SD304800 06800 1000
	Groove Dimension	48.00 x 68.00 x 10.00

45.00	Part No	SD304500 06500 1000
	Groove Dimension	45.00 x 65.00 x 10.00
45.00	Part No	SD304500 06800 1000
	Groove Dimension	45.00 x 68.00 x 10.00
45.00	Part No	SD304500 07200 1000
	Groove Dimension	45.00 x 72.00 x 10.00
45.00	Part No	SD304500 07500 0800
	Groove Dimension	45.00 x 75.00 x 8.00
45.00	Part No	SD304500 08500 1000
	Groove Dimension	45.00 x 85.00 x 10.00
48.00	Part No	SD304800 06200 0800
	Groove Dimension	48.00 x 62.00 x 8.00
48.00	Part No	SD304800 07200 07000
	Groove Dimension	48.00 x 72.00 x 7.00

48.00	Part No	SD304800 07200 0800
	Groove Dimension	48.00 x 72.00 x 8.00
50.00	Part No	SD305000 06200 0700
	Groove Dimension	50.00 x 62.00 x 7.00
50.00	Part No	SD305000 06800 0700
	Groove Dimension	50.00 x 68.00 x 7.00
50.00	Part No	SD305000 07000 1000
	Groove Dimension	50.00 x 70.00 x 10.00
50.00	Part No	SD305000 07200 1000
	Groove Dimension	50.00 x 72.00 x 10.00
50.00	Part No	SD305000 08000 08000
	Groove Dimension	50.00 x 80.00 x 8.00
50.00	Part No	SD305000 09000 1000
	Groove Dimension	50.00 x 90.00 x 10.00

48.00	Part No	SD304800 07200 1200
	Groove Dimension	48.00 x 72.00 x 12.00
50.00	Part No	SD305000 06500 0800
	Groove Dimension	50.00 x 65.00 x 8.00
50.00	Part No	SD305000 06800 0800
	Groove Dimension	50.00 x 68.00 x 8.00
50.00	Part No	SD305000 07200 0700
	Groove Dimension	50.00 x 72.00 x 7.00
50.00	Part No	SD305000 07200 1000
	Groove Dimension	50.00 x 72.00 x 10.00
50.00	Part No	SD305000 08000 1000
	Groove Dimension	50.00 x 80.00 x 10.00
50.00	Part No	SD305200 06800 0800
	Groove Dimension	52.00 x 68.00 x 8.00

48.00	Part No	SD304800 07250 1000
	Groove Dimension	48.00 x 72.50 x 10.00
50.00	Part No	SD305000 06500 1000
	Groove Dimension	50.00 x 65.00 x 10.00
50.00	Part No	SD305000 06800 1000
	Groove Dimension	50.00 x 68.00 x 10.00
50.00	Part No	SD305000 07200 0800
	Groove Dimension	50.00 x 72.00 x 8.00
50.00	Part No	SD305000 07500 1000
	Groove Dimension	50.00 x 75.00 x 10.00
50.00	Part No	SD305000 09000 0800
	Groove Dimension	50.00 x 90.00 x 8.00
52.00	Part No	SD305200 07200 0800
	Groove Dimension	52.00 x 72.00 x 8.00



55.00

Part No SD305500 07000 0800

Groove Dimension 55.00 x 70.00 x 8.00

55.00

Part No SD305500 07200 1000

Groove Dimension 55.00 x 72.00 x 10.00

55.00

Part No SD305500 08000 0800

Groove Dimension 55.00 x 80.00 x 8.00

55.00

Part No SD305500 09000 0800

Groove Dimension 55.00 x 90.00 x 8.00

52.00

Part No SD305200 07200 0100

Groove Dimension 52.00 x 72.00 x 10.00

52.00

Part No SD305200 10000 1000

Groove Dimension 52.00 x 100.00 x 10.00

54.00

Part No SD3 0540 07250 0900

Groove Dimension 54.00 x 72.50 x 9.00

55.00

Part No SD305500 07000 1000

Groove Dimension 55.00 x 70.00 x 10.00

55.00

Part No SD305500 07500 0800

Groove Dimension 55.00 x 75.00 x 8.00

55.00

Part No SD305500 08000 1000

Groove Dimension 55.00 x 80.00 x 10.00

55.00

Part No SD305500 09000 1000

Groove Dimension 55.00 x 90.00 x 10.00

52.00

Part No SD305200 08500 1000

Groove Dimension 52.00 x 85.00 x 10.00

54.00

Part No SD3 0540 07200 1000

Groove Dimension 54.00 x 72.00 x 10.00

55.00

Part No SD305500 06800 0800

Groove Dimension 55.00 x 68.00 x 8.00

55.00

Part No SD305500 07200 0800

Groove Dimension 55.00 x 72.00 x 8.00

55.00

Part No SD305500 07500 1000

Groove Dimension 55.00 x 75.00 x 10.00

55.00

Part No SD305500 08500 1000

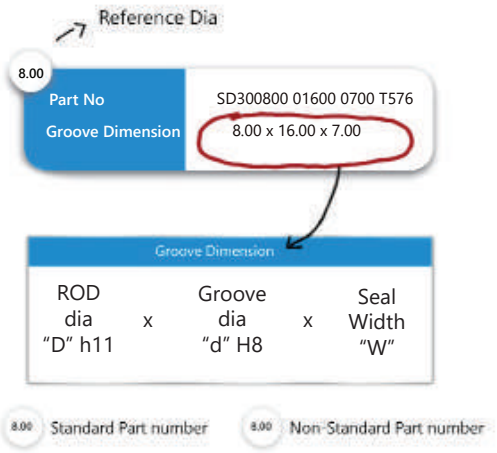
Groove Dimension 55.00 x 85.00 x 10.00

55.00

Part No SD305500 10000 1000

Groove Dimension 55.00 x 100.00 x 10.00

55.00	56.00	56.00
Part No: SD305500 11000 1000 Groove Dimension: 55.00 x 110.00 x 10.00	Part No: SD305600 07200 0700 Groove Dimension: 56.00 x 72.00 x 7.00	Part No: SD305600 07200 0800 Groove Dimension: 56.00 x 72.00 x 8.00
58.00	58.00	60.00
Part No: SD305800 08000 0800 Groove Dimension: 58.00 x 80.00 x 8.00	Part No: SD305800 08000 1000 Groove Dimension: 58.00 x 80.00 x 10.00	Part No: SD306000 07500 0800 Groove Dimension: 60.00 x 75.00 x 8.00
60.00	60.00	60.00
Part No: SD306000 07500 1000 Groove Dimension: 60.00 x 75.00 x 10.00	Part No: SD306000 08000 0700 Groove Dimension: 60.00 x 80.00 x 7.00	Part No: SD306000 08000 0800 Groove Dimension: 60.00 x 80.00 x 8.00
60.00	60.00	60.00
Part No: SD306000 08000 1000 Groove Dimension: 60.00 x 80.00 x 10.00	Part No: SD306000 08200 0900 Groove Dimension: 60.00 x 82.00 x 9.00	Part No: SD306000 08500 0800 Groove Dimension: 60.00 x 85.00 x 8.00
60.00	60.00	60.00
Part No: SD306000 08500 1000 Groove Dimension: 60.00 x 85.00 x 10.00	Part No: SD306000 08500 1200 Groove Dimension: 60.00 x 85.00 x 12.00	Part No: SD306000 09000 0800 Groove Dimension: 60.00 x 90.00 x 8.00
60.00	60.00	60.00
Part No: SD306000 09000 1000 Groove Dimension: 60.00 x 90.00 x 10.00	Part No: SD306000 09500 1000 Groove Dimension: 60.00 x 95.00 x 10.00	Part No: SD306000 11000 0800 Groove Dimension: 60.00 x 110.00 x 8.00
60.00	62.00	62.00
Part No: SD306000 11000 1200 Groove Dimension: 60.00 x 110.00 x 12.00	Part No: SD306200 09000 1200 Groove Dimension: 62.00 x 90.00 x 12.00	Part No: SD306200 11000 1000 Groove Dimension: 62.000 x 110.00 x 10.00



65.00
Part No SD306500 09000 1000
Groove Dimension 65.00 x 90.00 x 10.00

65.00
Part No SD306500 10000 1200
Groove Dimension 65.00 x 100.00 x 12.00

68.00
Part No SD306800 08700 0800
Groove Dimension 68.00 x 87.00 x 8.00

68.00
Part No SD306800 11000 1300
Groove Dimension 68.00 x 110.00 x 13.00

62.00
Part No SD306200 12000 1200
Groove Dimension 62.00 x 120.00 x 12.00

65.00
Part No SD306500 08000 0800
Groove Dimension 65.00 x 80.00 x 8.00

65.00
Part No SD306500 08500 1200
Groove Dimension 65.00 x 85.00 x 12.00

65.00
Part No SD306500 09500 1000
Groove Dimension 65.00 x 95.00 x 10.00

65.00
Part No SD306500 12000 1000
Groove Dimension 65.00 x 120.00 x 10.00

68.00
Part No SD306800 09000 1000
Groove Dimension 68.00 x 90.00 x 10.00

70.00
Part No SD307000 08500 0800
Groove Dimension 70.00 x 85.00 x 8.00

63.00
Part No SD306300 08000 0900
Groove Dimension 63.00 x 80.00 x 9.00

65.00
Part No SD306500 08500 1000
Groove Dimension 65.00 x 85.00 x 10.00

65.00
Part No SD306500 08500 1300
Groove Dimension 65.00 x 85.00 x 13.00

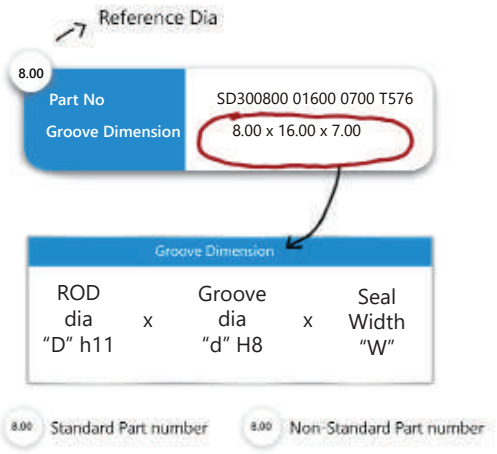
65.00
Part No SD306500 10000 1000
Groove Dimension 65.00 x 100.00 x 10.00

65.00
Part No SD306500 12000 1200
Groove Dimension 65.00 x 120.00 x 12.00

68.00
Part No SD306800 09400 0900
Groove Dimension 68.00 x 94.00 x 9.00

70.00
Part No SD307000 09000 1000
Groove Dimension 70.00 x 90.00 x 10.00

70.00	Part No	SD307000 09000 1200
	Groove Dimension	70.00 x 90.00 x 12.00
70.00	Part No	SD307000 09500 1300
	Groove Dimension	70.00 x 95.00 x 13.00
70.00	Part No	SD307000 10000 1000
	Groove Dimension	70.00 x 100.00 x 10.00
70.00	Part No	SD307000 11000 0800
	Groove Dimension	70.00 x 110.00 x 8.00
70.00	Part No	SD307000 11000 1200
	Groove Dimension	70.00 x 110.00 x 12.00
70.00	Part No	SD307000 11000 1300
	Groove Dimension	70.00 x 110.00 x 13.00
70.00	Part No	SD307000 12000 1000
	Groove Dimension	70.00 x 120.00 x 10.00
70.00	Part No	SD307000 12500 1200
	Groove Dimension	70.00 x 125.00 x 12.00
72.00	Part No	SD307200 08600 0700
	Groove Dimension	72.00 x 86.00 x 7.00
72.00	Part No	SD307200 09500 1200
	Groove Dimension	72.00 x 95.00 x 12.00
72.00	Part No	SD307200 14000 1200
	Groove Dimension	72.00 x 140.00 x 12.00
75.00	Part No	SD307500 09000 1000
	Groove Dimension	75.00 x 90.00 x 10.00
75.00	Part No	SD307500 09500 0800
	Groove Dimension	75.00 x 95.00 x 8.00
75.00	Part No	SD307500 09500 0900
	Groove Dimension	75.00 x 95.00 x 9.00
75.00	Part No	SD307500 09500 1000
	Groove Dimension	75.00 x 95.00 x 10.00
75.00	Part No	SD307500 09500 1200
	Groove Dimension	75.00 x 95.00 x 12.00
75.00	Part No	SD307500 10000 1000
	Groove Dimension	75.00 x 100.00 x 10.00
75.00	Part No	SD307500 10000 1200
	Groove Dimension	75.00 x 100.00 x 12.00
75.00	Part No	SD307500 10000 1300
	Groove Dimension	75.00 x 100.00 x 13.00
75.00	Part No	SD307500 11000 1300
	Groove Dimension	75.00 x 110.00 x 13.00
75.00	Part No	SD307500 11500 1000
	Groove Dimension	75.00 x 115.00 x 10.00



80.00	
Part No	SD308000 10500 1300
Groove Dimension	80.00 X 105.00 X 13.00

80.00	
Part No	SD308000 12000 1300
Groove Dimension	80.00 X 120.00 X 13.00

85.00	
Part No	SD308500 10000 1300
Groove Dimension	85.00 X 100.00 X 13.00

85.00	
Part No	SD308500 11000 1200
Groove Dimension	85.00 X 110.00 X 12.00

75.00	
Part No	SD307500 11500 1200
Groove Dimension	75.00 X 115.00 X 12.00

79.00	
Part No	SD307900 12000 1300
Groove Dimension	79.0 X 120.00 X 13.00

80.00	
Part No	SD308000 10000 1000
Groove Dimension	80.00 X 100.00 X 10.00

80.00	
Part No	SD308000 11000 1000
Groove Dimension	80.00 X 110.00 X 10.00

80.00	
Part No	SD308000 14000 1300
Groove Dimension	80.00 X 140.00 X 13.00

85.00	
Part No	SD308500 10500 1000
Groove Dimension	85.00 X 105.00 X 10.00

85.00	
Part No	SD308500 12000 1000
Groove Dimension	85.00 X 120.00 X 10.00

75.00	
Part No	SD307500 12000 1200
Groove Dimension	75.00 X 120.00 X 12.00

80.00	
Part No	SD308000 10000 0700
Groove Dimension	80.00 X 100.00 X 7.00

80.00	
Part No	SD308000 10000 1200
Groove Dimension	80.00 X 100.00 X 12.00

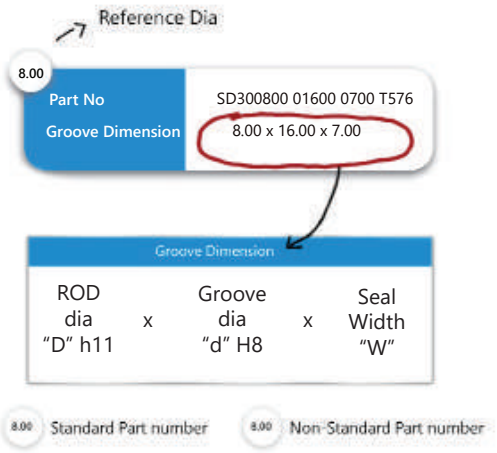
80.00	
Part No	SD308000 11500 1000
Groove Dimension	80.00 X 115.00 X 10.00

80.00	
Part No	SD308000 14000 1500
Groove Dimension	80.00 X 140.00 X 15.00

85.00	
Part No	SD308500 10500 1200
Groove Dimension	85.00 X 105.00 X 12.00

85.00	
Part No	SD308500 12000 1200
Groove Dimension	85.00 X 120.00 X 12.00

85.00	85.00	85.00
Part No: SD308500 13000 1000	Part No: SD308500 13000 1200	Part No: SD308500 13000 1300
Groove Dimension: 85.00 x 130.00 x 10.00	Groove Dimension: 85.00 x 130.00 x 12.00	Groove Dimension: 85.00 x 130.00 x 13.00
85.00	85.00	90.00
Part No: SD308500 14000 1200	Part No: SD308500 15000 1200	Part No: SD309000 11000 0800
Groove Dimension: 85.00 x 140.00 x 12.00	Groove Dimension: 85.00 x 150.00 x 12.00	Groove Dimension: 90.00 x 110.00 x 8.00
90.00	90.00	90.00
Part No: SD309000 11000 1200	Part No: SD309000 11000 1300	Part No: SD309000 12000 1200
Groove Dimension: 90.00 x 110.00 x 12.00	Groove Dimension: 90.00 x 110.00 x 13.00	Groove Dimension: 90.00 x 120.00 x 12.00
90.00	90.00	95.00
Part No: SD309000 12000 1300	Part No: SD309000 14000 1200	Part No: SD309500 11500 0700
Groove Dimension: 90.00 x 120.00 x 13.00	Groove Dimension: 90.00 x 140.00 x 12.00	Groove Dimension: 95.00 x 115.00 x 7.00
95.00	95.00	95.00
Part No: SD309500 15000 1200	Part No: SD309500 11500 1300	Part No: SD309500 12000 1200
Groove Dimension: 95.00 x 150.00 x 12.00	Groove Dimension: 95.00 x 115.00 x 13.00	Groove Dimension: 95.00 x 120.00 x 12.00
95.00	95.00	95.00
Part No: SD309500 12000 1300	Part No: SD309500 12500 1200	Part No: SD309500 13000 1300
Groove Dimension: 95.00 x 120.00 x 13.00	Groove Dimension: 95.00 x 125.00 x 12.00	Groove Dimension: 95.00 x 130.00 x 13.00
100.00	100.00	100.00
Part No: SD310000 12000 1000	Part No: SD310000 12000 1200	Part No: SD310000 12500 1200
Groove Dimension: 100.00 x 120.00 x 10.00	Groove Dimension: 100.00 x 120.00 x 12.00	Groove Dimension: 100.00 x 125.00 x 12.00

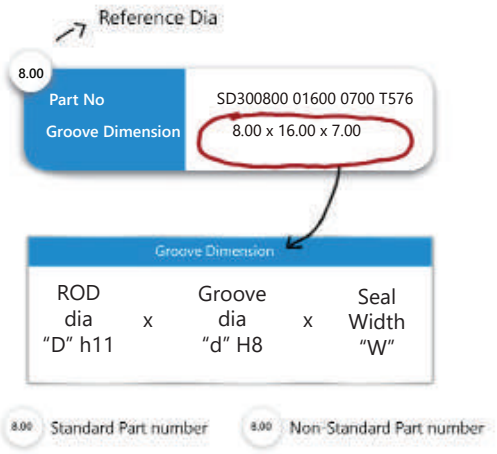


105.00	Part No	SD310500 12000 0700
	Groove Dimension	105.00 x 120.00 x 7.00
105.00	Part No	SD310500 14000 1200
	Groove Dimension	105.00 x 140.00 x 12.00
110.00	Part No	SD311000 14000 1200
	Groove Dimension	110.00 x 140.00 x 12.00
110.00	Part No	SD311000 17000 1400
	Groove Dimension	110.00 x 170.00 x 14.00

100.00	Part No	SD310000 12500 1300
	Groove Dimension	100.00 x 125.00 x 13.00
100.00	Part No	SD310000 13000 1300
	Groove Dimension	100.00 x 130.00 x 13.00
100.00	Part No	SD310000 16000 1400
	Groove Dimension	100.00 x 160.00 x 14.00
105.00	Part No	SD310500 12500 1300
	Groove Dimension	105.00 x 125.00 x 13.00
105.00	Part No	SD310500 14000 1300
	Groove Dimension	105.00 x 140.00 x 13.00
110.00	Part No	SD311000 14000 1300
	Groove Dimension	110.00 x 140.00 x 13.00
115.00	Part No	SD311500 14000 1200
	Groove Dimension	115.00 x 140.00 x 12.00

100.00	Part No	SD310000 13000 1200
	Groove Dimension	100.00 x 130.00 x 12.00
100.00	Part No	SD310000 15000 1200
	Groove Dimension	100.00 x 150.00 x 12.00
100.00	Part No	SD310000 18000 1200
	Groove Dimension	100.00 x 180.00 x 12.00
105.00	Part No	SD310500 13000 1200
	Groove Dimension	105.00 x 130.00 x 12.00
110.00	Part No	SD311000 13000 1200
	Groove Dimension	110.00 x 130.00 x 12.00
110.00	Part No	SD311000 14000 1500
	Groove Dimension	110.00 x 140.00 x 15.00
115.00	Part No	SD311500 14000 1500
	Groove Dimension	115.00 x 140.00 x 15.00

118.00	120.00	120.00
Part No: SD311800 15000 1200 Groove Dimension: 118.00 x 150.00 x 12.00	Part No: SD312000 14000 1300 Groove Dimension: 120.00 x 140.00 x 13.00	Part No: SD312000 14200 1200 Groove Dimension: 120.00 x 140.00 x 12.00
120.00	120.00	120.00
Part No: SD312000 15000 1200 Groove Dimension: 120.00 x 150.00 x 12.00	Part No: SD312000 15000 1500 Groove Dimension: 120.00 x 150.00 x 15.00	Part No: SD312000 16000 1200 Groove Dimension: 120.00 x 160.00 x 12.00
120.00	125.00	125.00
Part No: SD312000 20000 1400 Groove Dimension: 120.00 x 200.00 x 14.00	Part No: SD312500 15000 1200 Groove Dimension: 125.00 x 150.00 x 12.00	Part No: SD312500 15500 1400 Groove Dimension: 125.00 x 155.00 x 14.00
125.00	130.00	130.00
Part No: SD312500 16000 1500 Groove Dimension: 125.00 x 160.00 x 15.00	Part No: SD313000 16000 0750 Groove Dimension: 130.00 x 160.00 x 7.50	Part No: SD313000 16000 1200 Groove Dimension: 130.00 x 160.00 x 12.00
130.00	130.00	135.00
Part No: SD313000 16000 1500 Groove Dimension: 130.00 x 160.00 x 15.00	Part No: SD313000 23000 1400 Groove Dimension: 130.00 x 230.00 x 14.00	Part No: SD313500 16000 1500 Groove Dimension: 135.00 x 160.10 x 15.00
135.00	135.00	140.00
Part No: SD313500 16500 1300 Groove Dimension: 135.00 x 165.00 x 13.00	Part No: SD313500 17000 1200 Groove Dimension: 135.00 x 170.00 x 12.00	Part No: SD314000 16000 1300 Groove Dimension: 140.00 x 160.00 x 13.00
140.00	140.00	140.00
Part No: SD314000 17000 1400 Groove Dimension: 140.00 x 170.00 x 14.00	Part No: SD314000 17000 1500 Groove Dimension: 140.00 x 170.00 x 15.00	Part No: SD314000 21000 1500 Groove Dimension: 140.00 x 210.00 x 15.00



160.00	
Part No	SD316000 20000 1500
Groove Dimension	160.00 x 200.00 x 15.00

170.00	
Part No	SD317000 20000 0750
Groove Dimension	170.00 x 200.00 x 7.50

180.00	
Part No	SD318000 21000 1500
Groove Dimension	180.00 x 210.00 x 15.00

190.00	
Part No	SD319000 22000 1500
Groove Dimension	190.00 x 220.00 x 15.00

145.00	
Part No	SD314500 17500 1500
Groove Dimension	145.00 x 175.00 x 15.00

150.00	
Part No	SD315000 18000 1300
Groove Dimension	150.00 x 180.00 x 13.00

155.00	
Part No	SD315500 18000 1500
Groove Dimension	155.00 x 180.00 x 15.00

160.00	
Part No	SD316500 19000 0800
Groove Dimension	160.00 x 190.00 x 8.00

170.00	
Part No	SD317000 20000 1500
Groove Dimension	170.00 x 200.00 x 15.00

180.00	
Part No	SD318000 21500 1500
Groove Dimension	180.00 x 215.00 x 15.00

200.00	
Part No	SD320000 23000 1500
Groove Dimension	200.00 x 230.00 x 15.00

148.00	
Part No	SD3 14800 17000 1400
Groove Dimension	148.00 x 170.00 x 14.00

150.00	
Part No	SD315000 18000 1500
Groove Dimension	150.00 x 180.00 x 15.00

160.00	
Part No	SD316000 19000 1500
Groove Dimension	160.00 x 190.00 x 15.00

165.00	
Part No	SD316500 19000 1300
Groove Dimension	165.00 x 190.00 x 13.00

180.00	
Part No	SD318000 20000 0750
Groove Dimension	180.00 x 200.00 x 7.50

190.00	
Part No	SD319000 22000 1200
Groove Dimension	190.00 x 220.00 x 12.00

210.00	
Part No	SD321000 24000 1500
Groove Dimension	210.00 x 240.00 x 15.00

220.00	230.00	240.00
Part No: SD322000 25000 1500 Groove Dimension: 220.00 x 250.00 x 15.00	Part No: SD323000 26000 1500 Groove Dimension: 230.00 x 260.00 x 15.00	Part No: SD324000 27000 1500 Groove Dimension: 240.00 x 270.00 x 15.00
250.00	260.00	260.00
Part No: SD325000 28000 1500 Groove Dimension: 250.00 x 280.00 x 15.00	Part No: SD326000 28000 1600 Groove Dimension: 260.00 x 280.00 x 16.00	Part No: SD326000 30000 2000 Groove Dimension: 260.00 x 300.00 x 20.00
280.00	330.00	330.00
Part No: SD328000 32000 2000 Groove Dimension: 280.00 x 320.00 x 20.00	Part No: SD330000 34000 1800 Groove Dimension: 330.00 x 340.00 x 18.00	Part No: SD330000 34000 2000 Groove Dimension: 330.00 x 340.00 x 20.00
320.00	350.00	360.00
Part No: SD332000 36000 2000 Groove Dimension: 320.00 x 360.00 x 20.00	Part No: SD335000 38000 1600 Groove Dimension: 350.00 x 380.00 x 16.00	Part No: SD336000 40000 2000 Groove Dimension: 360.00 x 400.00 x 20.00
394.00	420.00	440.00
Part No: SD339400 42000 1600 Groove Dimension: 394.00 x 420.00 x 16.00	Part No: SD342000 47000 2000 Groove Dimension: 420.00 x 470.00 x 20.00	Part No: SD344000 48000 2000 Groove Dimension: 440.00 x 480.00 x 20.00

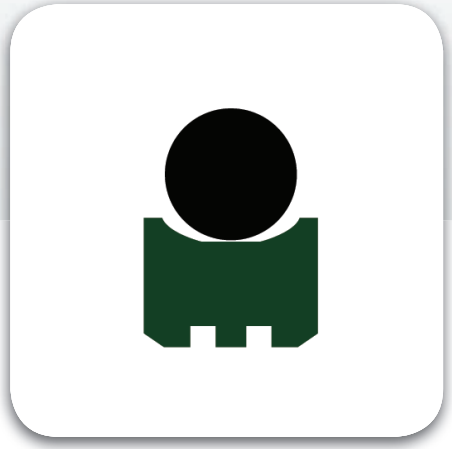
TRIADA

SRG

Rotary Seals

#SealingExcellence



Description

The Roto TRIGLIDE® SRG is a Roto seal for rod and composed of two elements. The dynamic seal is a ring in TRIALON® (filled PTFE) while the static seal is an O-Ring in TRIAFLEX® (NBR), also acting as an energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.

Diameter Range	Ø8.00 – Ø2600.00
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR 70 Shores) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	< 2 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.
Pressure	< 300 bar (please consult Triada Technologies for applications above 300bar)

Materials

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

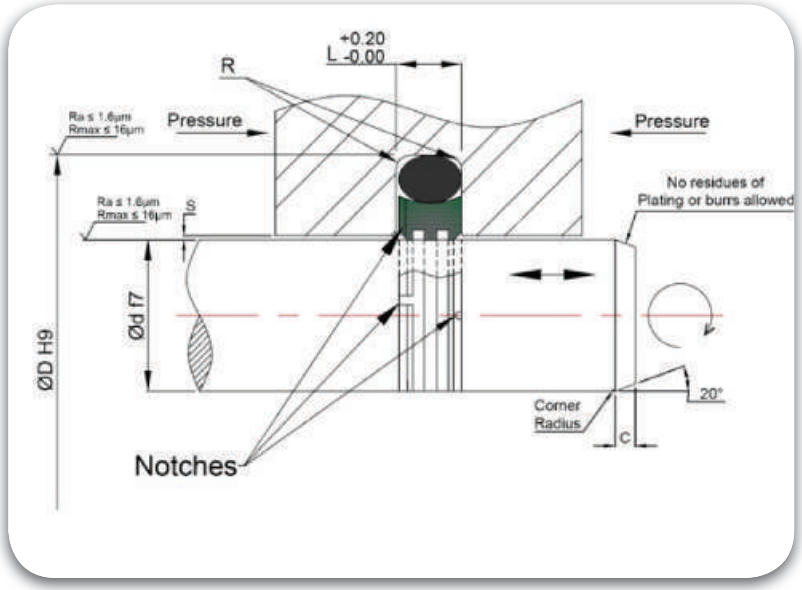
Nomenclature

Part No	SRG	1000	0890	042	T415	N
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code

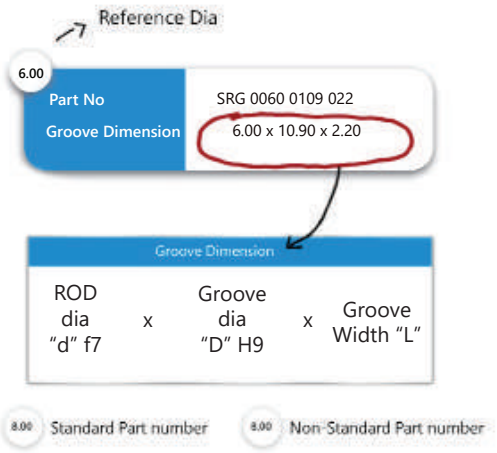


Groove Details

Sr. No.	Rod Diameter Ø "d" f7	Groove Diameter Ø "D" H9	Groove Width "L" +0.2	Radial Clearance		Radius "R"	Chamfer Length "C"	O-Ring Cross Section	No. of notches on the Sealing Surface
				100 bar	200 bar				
1	6.00 - 18.90	d + 4.9	2.2	0.15	0.1	0.4	2	1.78	0
2	19.00 - 37.90	d + 7.5	3.2	0.2	0.15	0.6	2.5	2.62	1
3	38.00 - 199.90	d + 11.0	4.2	0.25	0.2	1	3	3.53	1
4	200.00 - 255.90	d + 15.5	6.3	0.3	0.25	1.3	5	5.33	2
5	256.00 - 649.90	d + 21.0	8.1	0.3	0.25	1.8	6	7	2
6	650.00 - 999.90	d + 28.0	9.5	0.45	0.3	2.5	7	8.4	2



ROTARY SHAFT SEALS



6.00	
Part No	SRG 0060 0109 022
Groove Dimension	6.00 x 10.90 x 2.20

8.00	
Part No	SRG 0080 0129 022
Groove Dimension	8.00 x 12.90 x 2.20

10.00	
Part No	SRG 0100 0149 022
Groove Dimension	10.00 x 14.90 x 2.20

12.00	
Part No	SRG 0120 0169 022
Groove Dimension	12.00 x 16.90 x 2.20

14.00	
Part No	SRG 0140 0189 022
Groove Dimension	14.00 x 18.90 x 2.20

15.00	
Part No	SRG 0150 0199 022
Groove Dimension	15.00 x 19.90 x 2.20

16.00	
Part No	SRG 0160 0209 022
Groove Dimension	16.00 x 20.90 x 2.20

18.00	
Part No	SRG 0180 0229 022
Groove Dimension	18.00 x 22.90 x 2.20

20.00	
Part No	SRG 0200 0275 032
Groove Dimension	20.00 x 27.50 x 3.20

22.00	
Part No	SRG 0220 0295 032
Groove Dimension	22.00 x 29.50 x 3.20

25.00	
Part No	SRG 0250 0325 032
Groove Dimension	25.00 x 32.50 x 3.20

28.00	
Part No	SRG 0280 0355 032
Groove Dimension	28.00 x 35.50 x 3.20

30.00	
Part No	SRG 0300 0375 032
Groove Dimension	30.00 x 37.50 x 3.20

32.00	
Part No	SRG 0320 0395 032
Groove Dimension	32.00 x 39.50 x 3.20

35.00	
Part No	SRG 0350 0425 032
Groove Dimension	35.00 x 42.50 x 3.20

36.00	
Part No	SRG 0360 0435 032
Groove Dimension	36.00 x 43.50 x 3.20

40.00	
Part No	SRG 0400 0510 042
Groove Dimension	40.00 x 51.00 x 4.20

42.00	
Part No	SRG 0420 0530 042
Groove Dimension	42.00 x 53.00 x 4.20

45.00	
Part No	SRG 0450 0560 042
Groove Dimension	45.00 x 56.00 x 4.20

48.00	
Part No	SRG 0480 0590 042
Groove Dimension	48.00 x 59.00 x 4.20

50.00	
Part No	SRG 0500 0610 042
Groove Dimension	50.00 x 61.00 x 4.20

52.00	
Part No	SRG 0520 0630 042
Groove Dimension	52.00 x 63.00 x 4.20

55.00	
Part No	SRG 0550 0660 042
Groove Dimension	55.00 x 66.00 x 4.20

56.00	
Part No	SRG 0560 0670 042
Groove Dimension	56.00 x 67.00 x 4.20

60.00	
Part No	SRG 0600 0710 042
Groove Dimension	60.00 x 71.00 x 4.20

63.00	
Part No	SRG 0630 0740 042
Groove Dimension	63.00 x 74.00 x 4.20

65.00	
Part No	SRG 0650 0760 042
Groove Dimension	65.00 x 76.00 x 4.20

70.00	
Part No	SRG 0700 0810 042
Groove Dimension	70.00 x 81.00 x 4.20

75.00	
Part No	SRG 0750 0860 042
Groove Dimension	75.00 x 86.00 x 4.20

80.00	
Part No	SRG 0800 0910 042
Groove Dimension	80.00 x 91.00 x 4.20

85.00	
Part No	SRG 0850 0960 042
Groove Dimension	85.00 x 96.00 x 4.20

90.00	
Part No	SRG 0900 1010 042
Groove Dimension	90.00 x 101.00 x 4.20

100.00	
Part No	SRG 1000 1110 042
Groove Dimension	100.00 x 110.00 x 4.20

100.00	
Part No	SRG 1000 1110 042
Groove Dimension	100.00 x 110.00 x 4.20

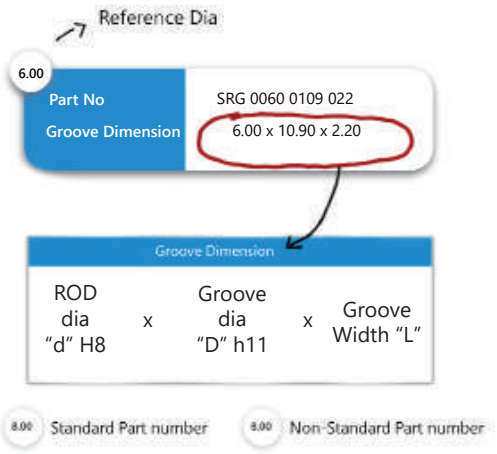
110.00	
Part No	SRG 1100 1210 042
Groove Dimension	110.00 x 121.00 x 4.20

115.00	
Part No	SRG 1150 1260 042
Groove Dimension	115.00 x 126.00 x 4.20

120.00	
Part No	SRG 1200 1310 042
Groove Dimension	120.00 x 131.00 x 4.20

125.00	
Part No	SRG 1250 1360 042
Groove Dimension	125.00 x 136.00 x 4.20

130.00	
Part No	SRG 1300 1410 042
Groove Dimension	130.00 x 141.00 x 4.20



135.00

Part No	SRG 1350 1460 042
Groove Dimension	135.00 x 146.00 x 4.20

140.00

Part No	SRG 1400 1510 042
Groove Dimension	140.00 X151.00 x 4.20

150.00

Part No	SRG 1500 1610 042
Groove Dimension	150.00 x 161.00 x 4.20

160.00

Part No	SRG 1600 1710 042
Groove Dimension	160.00 x 171.00 x 4.20

170.00

Part No	SRG 1700 1810 042
Groove Dimension	170.00 x 181.00 x 4.20

180.00

Part No	SRG 1800 1910 042
Groove Dimension	180.00 x 191.00 x 4.20

190.00

Part No	SRG 1900 2010 042
Groove Dimension	190.00 x 201.00 x 4.20

200.00

Part No	SRG 2000 2150 063
Groove Dimension	200.00 x 215.00 x 6.30

210.00

Part No	SRG 2100 2250 063
Groove Dimension	210.00 x 225.00 x 6.30

220.00

Part No	SRG 2200 2355 063
Groove Dimension	220.00 x 235.50 x 6.30

240.00

Part No	SRG 2400 2550 063
Groove Dimension	240.00 x 255.00 x 6.30

250.00

Part No	SRG 2500 2650 063
Groove Dimension	250.00 x 265.00 x 6.30

280.00

Part No	SRG 2800 3010 081
Groove Dimension	280.00 x 301.00 x 8.10

300.00

Part No	SRG 3000 3210 081
Groove Dimension	300.00 x 321.00 x 8.10

320.00

Part No	SRG 3200 3410 081
Groove Dimension	320.00 x 341.00 x 8.10

350.00

Part No	SRG 3500 3710 081
Groove Dimension	350.00 x 371.00 x 8.10

360.00

Part No	SRG 3600 3810 081
Groove Dimension	360.00 x 381.00 x 8.10

400.00

Part No	SRG 4000 4210 081
Groove Dimension	400.00 X 421.00 X 8.10

420.00

Part No	SRG 4200 4410 081
Groove Dimension	420.00 X 441.00 X 8.10

450.00

Part No	SRG 4500 4710 081
Groove Dimension	450.00 X 471.00 X 8.10

480.00

Part No	SRG 4800 5010 081
Groove Dimension	480.00 X 501.00 X 8.10

500.00

Part No	SRG 5000 5210 081
Groove Dimension	500.00 X 521.00 X 8.10

600.00

Part No	SRG 6000 6210 081
Groove Dimension	600.00 X 621.00 X 8.10

700.00

Part No	SRG 7000 7280 095
Groove Dimension	700.00 X 728.00 X 9.50

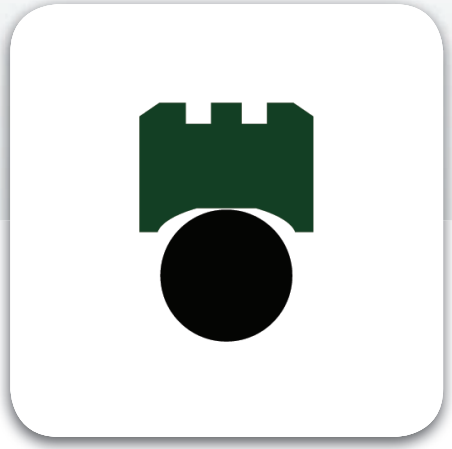
TRIADA

SPG

Rotary Seals

#SealingExcellence



Description

The Roto TRIGLIDE® SPG is rotary seal and composed of two elements. The dynamic seal is a ring in TRIALON® (filled PTFE) while the static seal is an O-Ring in TRIAFLEX® (NBR) also acting as energizer. Depending on the application, media, cycle speed etc., the PTFE compound is selected and the O-Ring compound is selected considering the media compatibility, temperature etc.

Diameter Range	Ø8.00 – Ø2600.00
Standard material	TRIALON® T415 (Bronze Filled PTFE) with Energiser in TRIAFLEX® T571 (NBR 70 Shores) (Other Compounds available,so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	< 2 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.
Pressure	< 300 bar (please consult Triada Technologies for applications above 300bar)

Materials

Sealing material	Sealing Material Code	O-Ring Material	O-Ring material code
TRIALON® Bronze Filled PTFE	T415	TRIAFLEX® T571 NBR 70	N
		TRIAFLEX® T675 FKM 75	F
TRIALON® CarbonFilled PTFE	T417	TRIAFLEX® T771 EPDM 70	E
		TRIAFLEX® T531 HNBR 70	H

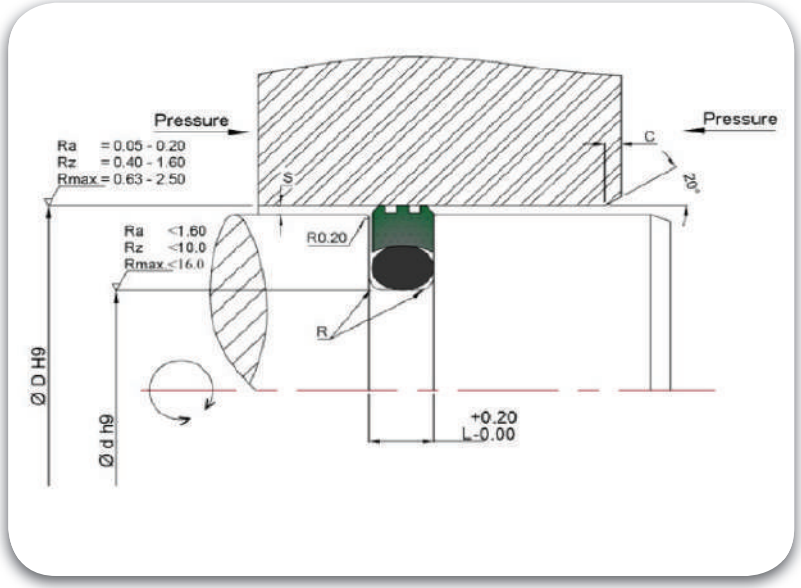
Nomenclature

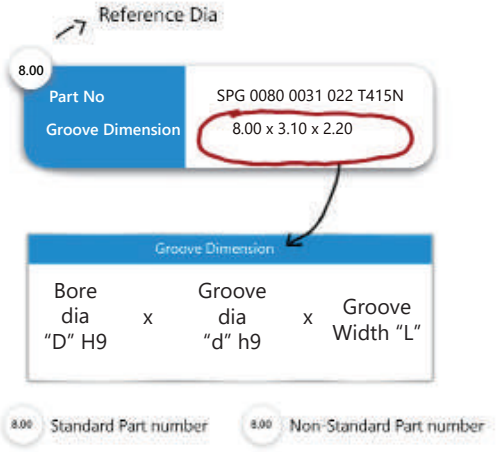
Part No	SPG	1000	0890	042	T415	N
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	O Ring material Code



Groove Details

Sr. No.	Bore Diameter Ø "D" H9	Groove Diameter Ø "d" h9	Groove Width "L" +0.2	Radial Clearance		Radius "R"	O-Ring Cross Section	Chamfer Length "C"	No. of notches on the Sealing Surface
				100 bar	200 bar				
1	8.00 - 39.90	D - 4.9	2.2	0.15	0.1	0.4	1.78	2	0
2	40.00 - 79.90	D - 7.5	3.2	0.2	0.15	0.6	2.62	2.5	1
3	80.00 - 132.90	D - 11.0	4.2	0.25	0.2	1	3.53	3	1
4	133.00 - 329.90	D - 15.5	6.3	0.3	0.25	1.3	5.33	5	2
5	330.00 - 669.90	D - 21.0	8.1	0.3	0.25	1.8	7	6	2





8.00	
Part No	SPG 0080 0031 022
Groove Dimension	8.00 x 3.10 x 2.20
O Ring Size	2.90 X 1.78

10.00	
Part No	SPG 0100 0051 022
Groove Dimension	10.00 x 5.10 x 2.20
O Ring Size	4.80 X 1.80

12.00	
Part No	SPG 0120 0071 022
Groove Dimension	12.00 x 7.10 x 2.20
O Ring Size	6.70 X 1.80

14.00	
Part No	SPG 0140 0091 022
Groove Dimension	14.00 x 9.10 x 2.20
O Ring Size	8.75 X 1.80

15.00	
Part No	SPG 0150 0101 022
Groove Dimension	15.00 x 10.10 x 2.20
O Ring Size	9.25 X 1.78

16.00	
Part No	SPG 0160 0111 022
Groove Dimension	16.00 x 11.10 x 2.20
O Ring Size	10.82 X 1.78

18.00	
Part No	SPG 0180 0131 022
Groove Dimension	18.00 x 13.10 x 2.20
O Ring Size	12.42 X 1.78

20.00	
Part No	SPG 0200 0151 022
Groove Dimension	20.00 x 15.10 x 2.20
O Ring Size	14.00 X 1.78

22.00	
Part No	SPG 0220 0171 022
Groove Dimension	22.00 x 17.10 x 2.20
O Ring Size	17.17 X 1.78

25.00	
Part No	SPG 0250 0201 022
Groove Dimension	25.00 x 20.10 x 2.20
O Ring Size	18.77 X 1.78

28.00	
Part No	SPG 0280 0231 022
Groove Dimension	28.00 x 23.10 x 2.20
O Ring Size	21.95 X 1.78

30.00	
Part No	SPG 0300 0251 022
Groove Dimension	30.00 x 25.10 x 2.20
O Ring Size	25.12 X 1.78

32.00	
Part No	SPG 0320 0271 022
Groove Dimension	32.00 x 27.10 x 2.20
O Ring Size	26.70 X 1.78

35.00

Part No	SPG 0350 0301 022
Groove Dimension	35.00 x 30.10 x 2.20
O Ring Size	29.87 X 1.78

40.00

Part No	SPG 0400 0325 032
Groove Dimension	40.00 x 32.50 x 3.20
O Ring Size	31.42 X 2.62

45.00

Part No	SPG 0450 0375 032
Groove Dimension	45.00 x 37.50 x 3.20
O Ring Size	36.17 X 2.62

48.00

Part No	SPG 0480 0405 032
Groove Dimension	48.00 x 40.50 x 3.20
O Ring Size	39.34 X 2.62

50.00

Part No	SPG 0500 0425 032
Groove Dimension	50.00 x 42.50 x 3.20
O Ring Size	40.94 X 2.62

52.00

Part No	SPG 0520 0445 032
Groove Dimension	52.00 x 44.50 x 3.20
O Ring Size	44.12 X 2.62

55.00

Part No	SPG 0550 0475 032
Groove Dimension	55.00 x 47.50 x 3.20
O Ring Size	45.69 X 2.62

60.00

Part No	SPG 0600 0525 032
Groove Dimension	60.00 x 52.50 x 3.20
O Ring Size	52.07 X 2.62

63.00

Part No	SPG 0630 0555 032
Groove Dimension	63.00 x 55.00 x 3.20
O Ring Size	8.00 x 3.10 x 2.20

65.00

Part No	SPG 0650 0575 032
Groove Dimension	65.00 x 57.50 x 3.20
O Ring Size	56.82 X 2.62

70.00

Part No	SPG 0700 0625 032
Groove Dimension	70.00 x 62.50 x 3.20
O Ring Size	61.60 X 2.62

75.00

Part No	SPG 0750 0675 032
Groove Dimension	75.00 x 67.50 x 3.20
O Ring Size	66.34 X 2.62

80.00

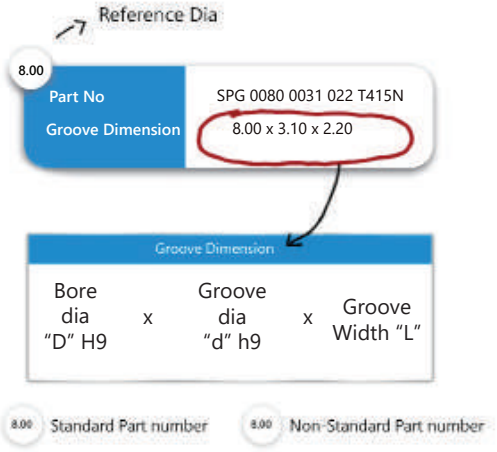
Part No	SPG 0800 0690 042
Groove Dimension	80.00 x 69.00 x 4.20
O Ring Size	66.27 X 3.53

85.00

Part No	SPG 0850 0740 042
Groove Dimension	85.00 x 74.00 x 4.20
O Ring Size	72.62 X 3.53

90.00

Part No	SPG 0900 0790 042
Groove Dimension	90.00 x 79.00 x 4.20
O Ring Size	78.97 X 3.53



95.00

Part No	SPG 0950 0840 042
Groove Dimension	95.00 x 84.00 x 4.20
O Ring Size	82.14 X 3.53

100.00

Part No	SPG 1000 0890 042
Groove Dimension	100.00 x 89.00 x 4.20
O Ring Size	88.49 X 3.53

105.00

Part No	SPG 1050 0940 042
Groove Dimension	105.00 x 94.00 x 4.20
O Ring Size	91.67 X 3.53

110.00

Part No	SPG 1100 0990 042
Groove Dimension	110.00 x 99.00 x 4.20
O Ring Size	98.02 X 3.53

115.00

Part No	SPG 1150 1040 042
Groove Dimension	115.00 x 104.00 x 4.20
O Ring Size	101.19 X 3.53

120.00

Part No	SPG 1200 1090 042
Groove Dimension	120.00 x 109.00 x 4.20
O Ring Size	107.54 X 3.53

125.00

Part No	SPG 1250 1140 042
Groove Dimension	125.00 x 114.00 x 4.20
O Ring Size	113.89 X 3.53

130.00

Part No	SPG 1300 1190 042
Groove Dimension	130.00 x 119.00 x 4.20
O Ring Size	117.07 X 3.53

135.00

Part No	SPG 1350 1195 063
Groove Dimension	135.00 x 119.50 x 6.30
O Ring Size	116.84 X 5.33

140.00

Part No	SPG 1400 1245 063
Groove Dimension	140.00 x 124.50 x 6.30
O Ring Size	123.19 X 5.33

150.00

Part No	SPG 1500 1345 063
Groove Dimension	150.00 x 134.50 x 6.30
O Ring Size	132.72 X 5.33

160.00

Part No	SPG 1600 1445 063
Groove Dimension	160.00 x 144.50 x 6.30
O Ring Size	142.24 X 5.33

170.00

Part No	SPG 1700 1545 063
Groove Dimension	170.00 x 154.50 x 6.30
O Ring Size	151.77 X 5.33

180.00

Part No	SPG 1800 1645 063
Groove Dimension	180.00 x 164.50 x 6.30
O Ring Size	164.47 X 5.33

190.00

Part No	SPG 1900 1745 063
Groove Dimension	190.00 x 174.50 x 6.30
O Ring Size	170.82 X 5.33

200.00

Part No	SPG 2000 1845 063
Groove Dimension	200.00 x 184.50 x 6.30
O Ring Size	183.52 X 5.33

210.00

Part No	SPG 2100 1945 063
Groove Dimension	210.00 x 194.50 x 6.30
O Ring Size	189.87 X 5.33

220.00

Part No	SPG 2200 2045 063
Groove Dimension	220.00 x 204.50 x 6.30
O Ring Size	202.57 X 5.33

230.00

Part No	SPG 2300 2145 063
Groove Dimension	230.00 x 214.50 x 6.30
O Ring Size	208.92 X 5.33

240.00

Part No	SPG 2400 2245 063
Groove Dimension	240.00 x 224.50 x 6.30
O Ring Size	221.62 X 5.33

250.00

Part No	SPG 2500 2345 063
Groove Dimension	250.00 x 234.50 x 6.30
O Ring Size	234.32 X 5.33

280.00

Part No	SPG 2800 2645 063
Groove Dimension	280.00 x 264.50 x 6.30
O Ring Size	266.07 X 5.33

300.00

Part No	SPG 3000 2845 063
Groove Dimension	300.00 x 284.50 x 6.30
O Ring Size	278.77 X 5.33

320.00

Part No	SPG 3200 3045 063
Groove Dimension	320.00 x 304.50 x 6.30
O Ring Size	304.17 X 5.33

350.00

Part No	SPG 3500 3290 081
Groove Dimension	350.00 x 329.00 x 8.10
O Ring Size	329.57 X 7.00

400.00

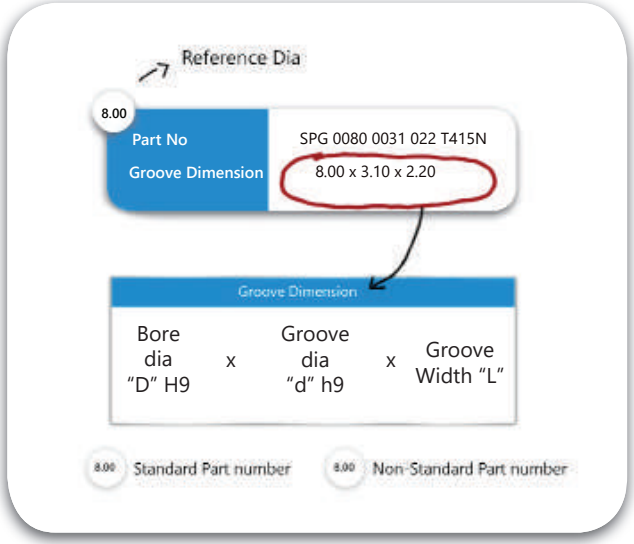
Part No	SPG 4000 3790 081
Groove Dimension	400.00 x 379.00 x 8.10
O Ring Size	267.67 X 7.00

420.00

Part No	SPG 4200 3990 081
Groove Dimension	420.00 x 399.00 x 8.10
O Ring Size	393.07 X 7.00

450.00

Part No	SPG 4500 4290 081
Groove Dimension	450.00 x 429.00 x 8.10
O Ring Size	417.96 X 7.00



480.00

Part No	SPG 4800 4590 081
Groove Dimension	480.00 x 459.00 x 8.10
O Ring Size	456.06 X 7.00

500.00

Part No	SPG 5000 4790 081
Groove Dimension	500.00 x 479.00 x 8.10
O Ring Size	468.76 X 7.00

600.00

Part No	SPG 6000 5790 081
Groove Dimension	600.00 x 579.00 x 8.10
O Ring Size	582.68 X 7.00

670.00

Part No	SPG 7000 6720 095
Groove Dimension	700.00 x 672.00 x 9.50
O Ring Size	670.00 X 7.00

TRIADA

SAS

Rotary Seals

#SealingExcellence






Description

The SAS Type of Shaft Seal with the internal sealing lip prevents the fluid from escaping the sealing chamber. In axial shaft seal the elastomer seal lip is axially spring loaded against the opposite mating face by the spider spring. The centrifugal force of fluid accelerated by the shaft reinforces the sealing effect.The axial shaft seal consists of the elastomer membrane with a metallic reinforcement ring and a metallic spider spring is used as an energizer to the sealing lip.It has to be an interference fit between the shaft & the housing for Static sealing against the shaft. The seal is generally press fitted in the housing with the sealing lip against the rotating shaft. The seal should be installed in such a way that the sealing lip is flushed by the fluid.

The seal is generally press fitted in the housing with the sealing lip against the rotating shaft. The seal should be installed in such a way that the sealing lip is flushed by the fluid.

Diameter Range	Ø12.00 – Ø350.00
Standard material	TRIAFLEX® T576 (NBR 75 Shore)
Temperature(°C)	From - 30° C to + 200° C (Based on elastomer)
Speed	upto 30 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.

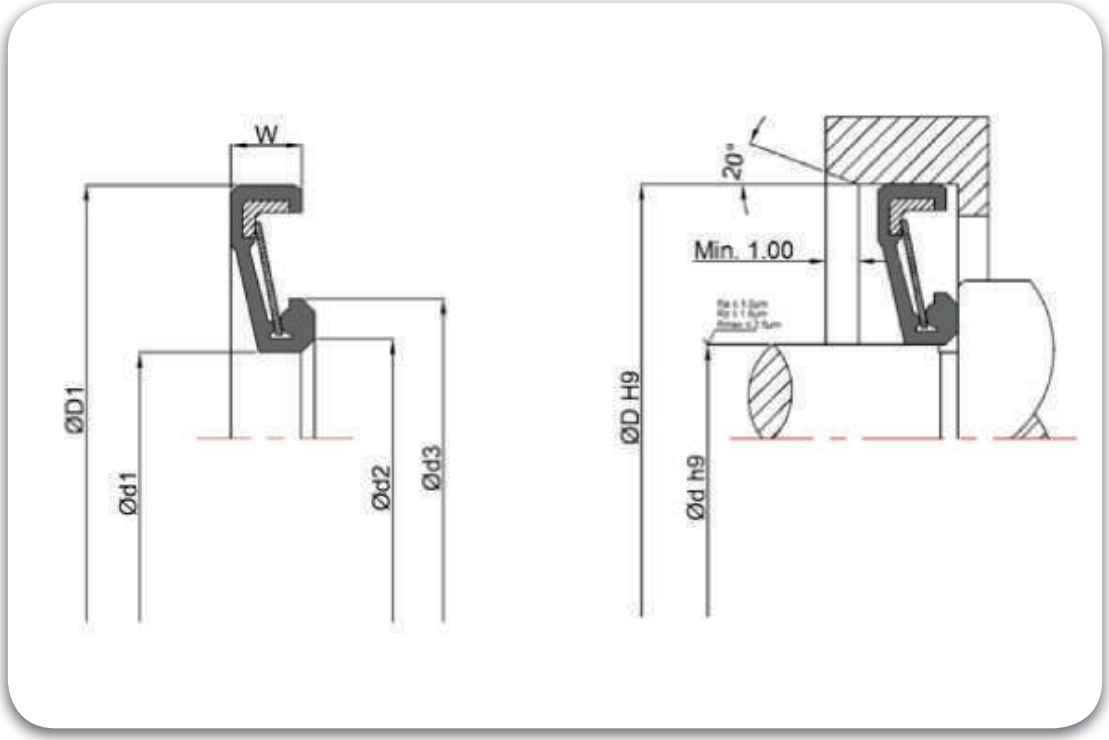
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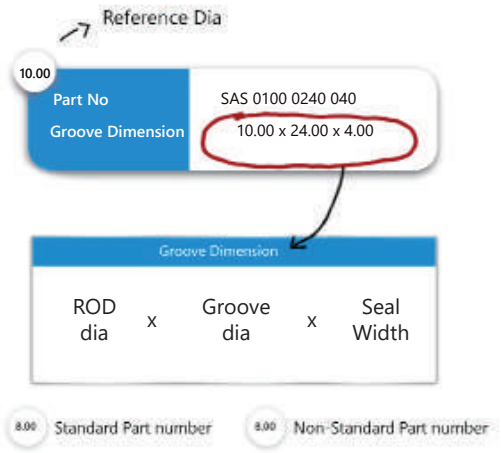
Sealing Material	Code	Spring Material	Code
TRIAFLEX® (NBR 75 Shore)	T576	Stainless Steel	S
TRIAFLEX® (FKM 75 Shore)	T676	Carbon Steel	C

Nomenclature

Part No	SAS	1080	1470	085	T576	S
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Seal Material Code	Spring material Code







10.00	
Part No	SAS 0100 0240 040
Groove Dimension	10.00 x 24.00 x 4.00

12.00	
Part No	SAS 0120 0260 040
Groove Dimension	12.00 x 26.00 x 4.00

15.00	
Part No	SAS 0150 0300 045
Groove Dimension	15.00 x 30.00 x 4.50

17.00	
Part No	SAS 0170 0330 045
Groove Dimension	17.00 x 33.00 x 4.50

20.00	
Part No	SAS 0200 0390 045
Groove Dimension	20.00 x 39.00 x 4.50

25.00	
Part No	SAS 0250 0440 045
Groove Dimension	25.00 x 44.00 x 4.50

30.00	
Part No	SAS 0300 0500 050
Groove Dimension	30.00 x 50.00 x 5.00

35.00	
Part No	SAS 0350 0560 050
Groove Dimension	35.00 x 56.00 x 5.00

40.00	
Part No	SAS 0400 0620 055
Groove Dimension	40.00 x 62.00 x 5.50

45.00	
Part No	SAS 0450 0700 055
Groove Dimension	45.00 x 70.00 x 5.50

50.00	
Part No	SAS 0500 0750 060
Groove Dimension	50.00 x 75.00 x 6.00

55.00	
Part No	SAS 0550 0830 060
Groove Dimension	55.00 x 83.00 x 6.00

60.00	
Part No	SAS 0600 0890 065
Groove Dimension	60.00 x 89.00 x 6.50

65.00	
Part No	SAS 0650 0940 070
Groove Dimension	65.00 x 94.00 x 7.00

70.00	
Part No	SAS 0700 1040 075
Groove Dimension	70.00 x 104.00 x 7.50

75.00	
Part No	SAS 0750 1090 075
Groove Dimension	75.00 x 109.00 x 7.50

80.00	
Part No	SAS 0800 1190 080
Groove Dimension	80.00 x 119.00 x 8.00

85.00	
Part No	SAS 0850 1240 080
Groove Dimension	85.00 x 124.00 x 8.00

90.00

Part No	SAS 0900 1320 085
Groove Dimension	90.00 x 132.00 x 8.50

95.00

Part No	SAS 0950 1370 085
Groove Dimension	95.00 x 137.00 x 8.50

100.00

Part No	SAS 1000 1420 085
Groove Dimension	100.00 x 142.00 x 8.50

TRIADA

SAB

Rotary Seals

#SealingExcellence






Description

The SAB Type of Shaft Seal with the external sealing lip is used for sealing against the grease. In axial shaft seal the elastomer seal lip is axially spring loaded against the opposite mating face by the spider spring.
The axial shaft seal consists of the elastomer membrane with a metallic reinforcement ringand a metallic spider spring used as an energizer to the sealing lip.
It has to be an interference fit between the housing bore and the shaft.

Diameter Range	Ø12.00 – Ø176.50
Standard material	TRIAFLEX® T576 (NBR 75 Shore)
Temperature(°C)	From - 30° C to + 200° C (Based on elastomer)
Speed	upto 15 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.

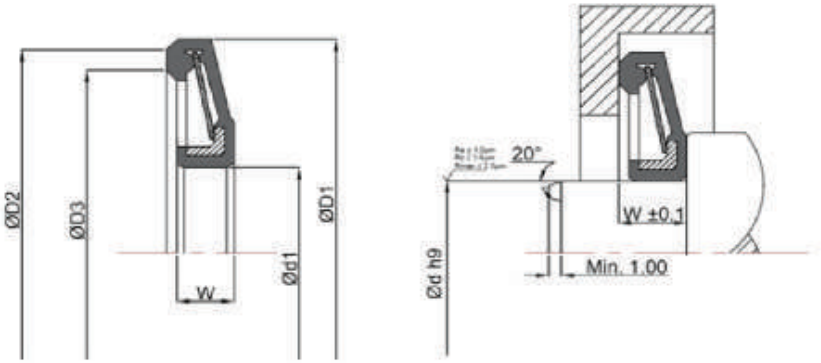
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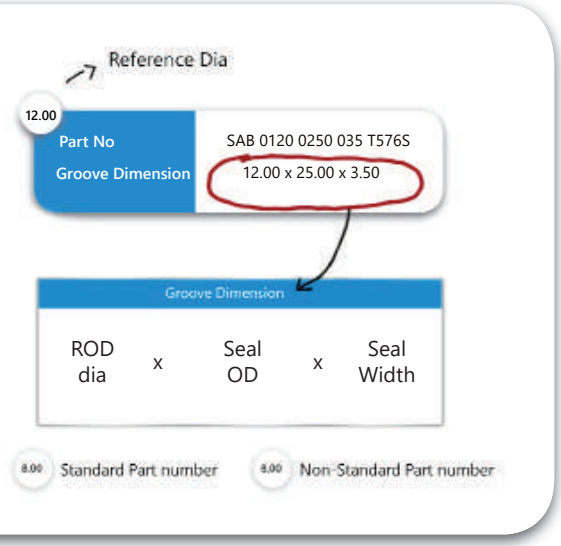
Sealing Material	Code	Spring Material	Code
TRIAFLEX® (NBR 75 Shore)	T576	Stainless Steel	S
TRIAFLEX® (FKM 75 Shore)	T676	Carbon Steel	C

Nomenclature

Part No	SAB	1080	1470	085	T576	S
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Groove Width x 10	Seal Material Code	Spring material Code







12.00	
Part No	SAB 0120 0250 035 T576S
Groove Dimension	12.00 x 25.00 x 3.50

14.00	
Part No	SAB 0140 0270 035 T576S
Groove Dimension	14.00 x 27.00 x 3.50

17.00	
Part No	SAB 0170 0310 040 T576S
Groove Dimension	17.00 x 31.00 x 4.00

19.00	
Part No	SAB 0190 0350 040 T576S
Groove Dimension	19.00 x 35.00 x 4.00

23.00	
Part No	SAB 0230 0405 045 T576S
Groove Dimension	23.00 x 40.50 x 4.50

28.00	
Part No	SAB 0280 0455 045 T576S
Groove Dimension	28.00 x 45.50 x 4.50

35.00	
Part No	SAB 0350 0530 045 T576S
Groove Dimension	35.00 x 53.00 x 4.50

40.00	
Part No	SAB 0400 0610 045 T576S
Groove Dimension	40.00 x 61.00 x 4.50

45.00	
Part No	SAB 0450 0685 050 T576S
Groove Dimension	45.00 x 68.50 x 5.00

50.00	
Part No	SAB 0500 0740 050 T576S
Groove Dimension	50.00 x 74.00 x 5.00

55.00	
Part No	SAB 0550 0770 055 T576S
Groove Dimension	55.00 x 77.00 x 5.50

61.00	
Part No	SAB 0610 0870 060 T576S
Groove Dimension	61.00 x 87.00 x 6.00

66.00	
Part No	SAB 0660 0930 060 T576S
Groove Dimension	66.00 x 93.00 x 6.00

71.00	
Part No	SAB 0710 0970 060 T576S
Groove Dimension	71.00 x 97.00 x 6.00

76.00	
Part No	SAB 0760 1060 065 T576S
Groove Dimension	76.00 x 106.00 x 6.50

81.00	
Part No	SAB 0810 1120 070 T576S
Groove Dimension	81.00 x 112.00 x 7.00

86.00	
Part No	SAB 0860 1220 075 T576S
Groove Dimension	86.00 x 122.00 x 7.50

91.00	
Part No	SAB 0910 1270 075 T576S
Groove Dimension	91.00 x 127.00 x 7.50

98.00

Part No	SAB 0980 1370 080 T576S
Groove Dimension	98.00 x 137.00 x 8.00

103.00

Part No	SAB 1030 1420 075 T576S
Groove Dimension	103.00 x 142.00 x 7.50

108.00

Part No	SAB 1080 1470 085 T576S
Groove Dimension	108.00 x 147.00 x 8.50

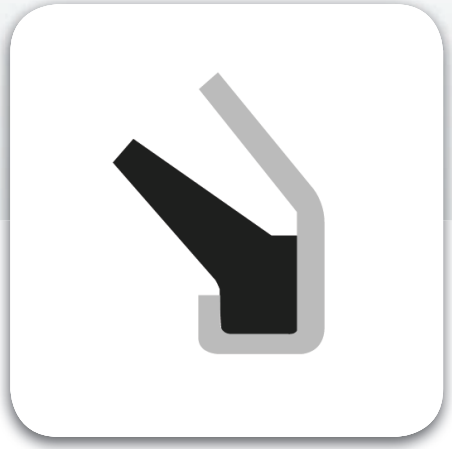
TRIADA

SR1

Rotary Seals

#SealingExcellence



Description

The Gamma Seals (SR Seals) consists of two elements one is the metal case and the other an elastomer which acts as a sealing membrane, but both the components are not bonded to each other. The metal case provides the support and protection for the sealing membrane, the rubber sealing member is stretched and held inside the metal case by its elastic property.
The seal is press fitted on to the shaft. This seal can be installed where there is a lack of space which adds advantage to this seal over the other seals.

Diameter Range	Ø10.00 – Ø135.00
Standard material	TRIAFLEX® T576 (NBR 75 Shore)
Temperature(°C)	From - 30° C to + 200° C (Based on elastomer)
Speed	Upto 20 m/s
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.

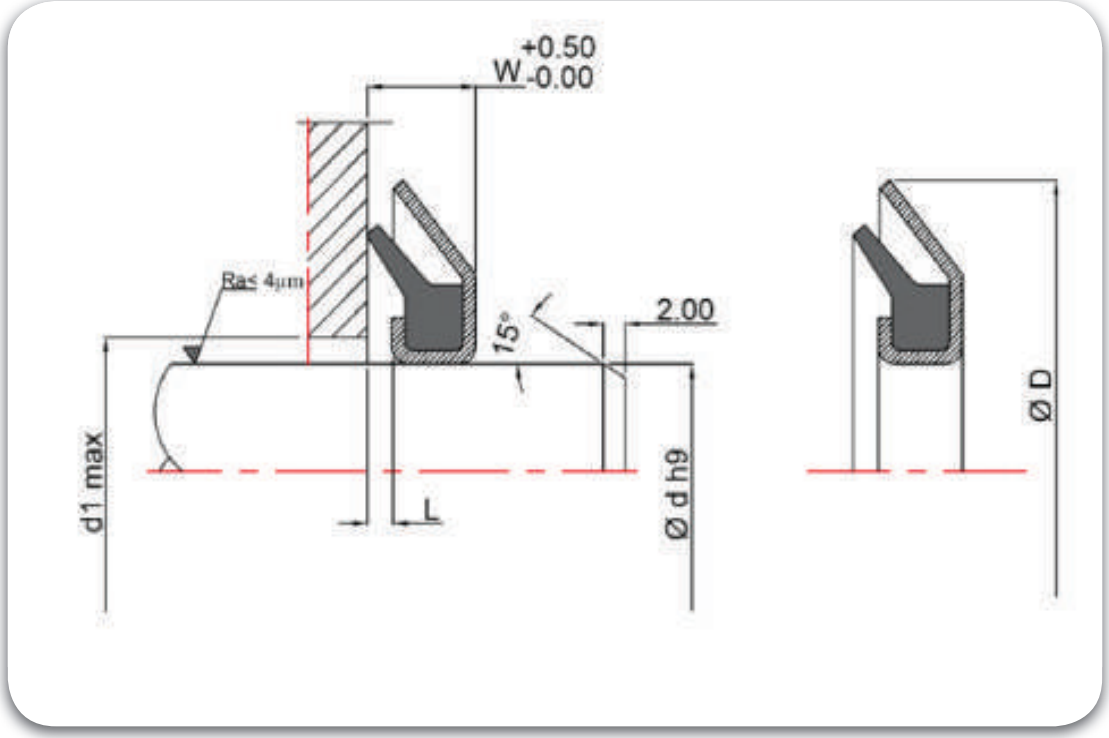
Material Details

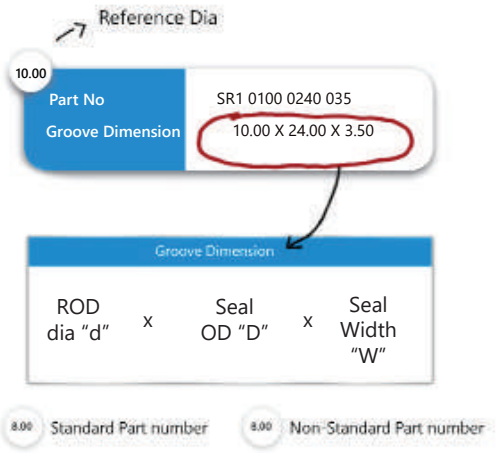
Sealing Material	Code	Spring Material	Code
TRIAFLEX® (NBR 75 Shore)	T576	Stainless Steel	S
TRIAFLEX® (FKM 75 Shore)	T676	Carbon Steel	C

Nomenclature

Part No	SR1	1250	1480	065	T576	S
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Elastomer MaterialCode	Spring material Code







10.00	
Part No	SR1 0100 0240 035
Groove Dimension	10.00 X 24.00 X 3.50

12.00	
Part No	SR1 0120 0260 035
Groove Dimension	12.00 X 26.00 X 3.50

15.00	
Part No	SR1 0150 0300 040
Groove Dimension	15.00 X 30.00 X 4.00

16.00	
Part No	SR1 0160 0320 040
Groove Dimension	16.00 X 32.00 X 4.00

17.00	
Part No	SR1 0170 0320 040
Groove Dimension	17.00 X 32.00 X 4.00

18.00	
Part No	SR1 0180 0330 040
Groove Dimension	18.00 X 33.00 X 4.00

20.00	
Part No	SR1 0200 0350 040
Groove Dimension	20.00 X 35.00 X 4.00

22.00	
Part No	SR1 0220 0400 040
Groove Dimension	22.00 X 40.00 X 4.00

24.00	
Part No	SR1 0240 0400 040
Groove Dimension	24.00 X 40.00 X 4.00

25.00	
Part No	SR1 0250 0400 040
Groove Dimension	25.00 X 40.00 X 4.00

26.00	
Part No	SR1 0260 0400 040
Groove Dimension	26.00 X 40.00 X 4.00

28.00	
Part No	SR1 0280 0430 040
Groove Dimension	28.00 X 43.00 X 4.00

30.00	
Part No	SR1 0300 0470 045
Groove Dimension	30.00 X 47.00 X 4.50

32.00	
Part No	SR1 0320 0490 045
Groove Dimension	32.00 X 49.00 X 4.50

35.00	
Part No	SR1 0350 0520 045
Groove Dimension	35.00 X 52.00 X 4.50

40.00	
Part No	SR1 0400 0570 045
Groove Dimension	40.00 X 57.00 X 4.50

45.00	
Part No	SR1 0450 0620 045
Groove Dimension	45.00 X 62.00 X 4.50

48.00	
Part No	SR1 0480 0650 045
Groove Dimension	48.00 X 65.00 X 4.50

50.00		52.00		53.00	
Part No	SR1 0500 0700 055	Part No	SR1 0520 0720 055	Part No	SR1 0530 0730 055
Groove Dimension	50.00 X 70.00 X 5.50	Groove Dimension	52.00 X 72.00 X 5.50	Groove Dimension	53.00 X 73.00 X 5.50
55.00		**58.00**		**60.00**	
Part No	SR1 0550 0750 055	Part No	SR1 0580 0780 055	Part No	SR1 0600 0800 055
Groove Dimension	55.00 X 75.00 X 5.50	Groove Dimension	58.00 X 78.00 X 5.50	Groove Dimension	60.00 X 80.00 X 5.50
62.00		**65.00**		**68.00**	
Part No	SR1 0620 0820 055	Part No	SR1 0650 0850 055	Part No	SR1 0680 0880 055
Groove Dimension	62.00 X 82.00 X 5.50	Groove Dimension	65.00 X 85.00 X 5.50	Groove Dimension	68.00 X 88.00 X 5.50
70.00		**72.00**		**75.00**	
Part No	SR1 0700 0900 055	Part No	SR1 0720 0920 055	Part No	SR1 0750 0950 055
Groove Dimension	70.00 X 90.00 X 5.50	Groove Dimension	72.00 X 92.00 X 5.50	Groove Dimension	75.00 X 95.00 X 5.50
78.00		**80.00**		**85.00**	
Part No	SR1 0780 0980 055	Part No	SR1 0800 1000 055	Part No	SR1 0850 1050 055
Groove Dimension	78.00 X 98.00 X 5.50	Groove Dimension	80.00 X 100.00 X 5.50	Groove Dimension	85.00 X 105.00 X 5.50
90.00		**95.00**		**100.00**	
Part No	SR1 0900 1100 055	Part No	SR1 0950 1150 055	Part No	SR1 1000 1200 055
Groove Dimension	90.00 X 110.00 X 5.50	Groove Dimension	95.00 X 115.00 X 5.50	Groove Dimension	100.00 X 120.00 X 5.50
105.00		**125.00**		**135.00**	
Part No	SR1 1050 1250 055	Part No	SR1 1250 1480 065	Part No	SR1 1350 1590 065
Groove Dimension	105.00 X 125.00 X 5.50	Groove Dimension	125.00 X 148.00 X 6.50	Groove Dimension	135.00 X 159.00 X 6.50

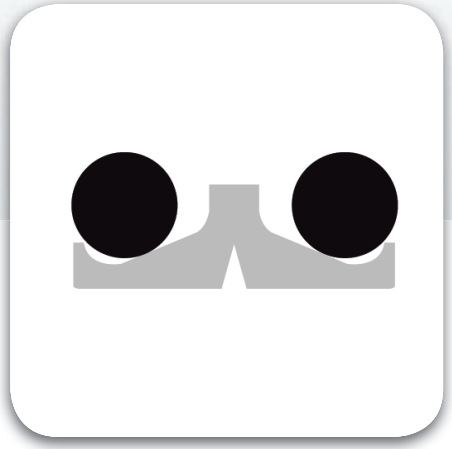
TRIADA

SDO

Rotary Seals

#SealingExcellence



Description

Mechanical Face Seals, also known as Heavy Duty Seals, Duo-Cone Seals or Toric Seals are of two types: one is SDO type which consists of two profiled metal rings along with two energizer O-Rings and the other is the SDM type, which also consists of two L-shaped metal rings along with a profiled diamond shaped energizer.

The metal rings are assembled in the housings, which has a relative rotary motion between them. Sealing action is in between these metal rings, whose mating faces are ground and lapped. Only one half of the seal rotates, and the seal faces are kept in contact with a predetermined axial load with the help of these energizers.

Mechanical Face seals, due to its robust construction and materials used, offers a longer life, compared to other possibilities for the same application, which are tough to be sealed in normal course. These seals are thus mostly used in dirty or rough & adverse environments.

The SDO type calls for a specially machined profile even in the housing cavity, whereas the SDM fits into an easy to make square bore.

Diameter Range	Ø22.00 – Ø1300.00
Standard material	Seal Material - Shell Mold Cast Iron Energiser - TRIAFLEX® T565 (NBR 65)
Temperature(°C)	From - 40° C to + 100° C with peaks till +110° C, with elastomer in standard TRIAFLEX® T565 (NBR 65 Shores). (Can be extended to 200° C when used with elastomer in TRIAFLEX® T665 (FKM 65 Shores)).
Speed	Upto 10 m/s with oil lubrication, Upto 3 m/s with grease lubrication, depending on material.
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.
Pressure	Pressure loading up to max. 3 bar for shell mold Cast Iron.

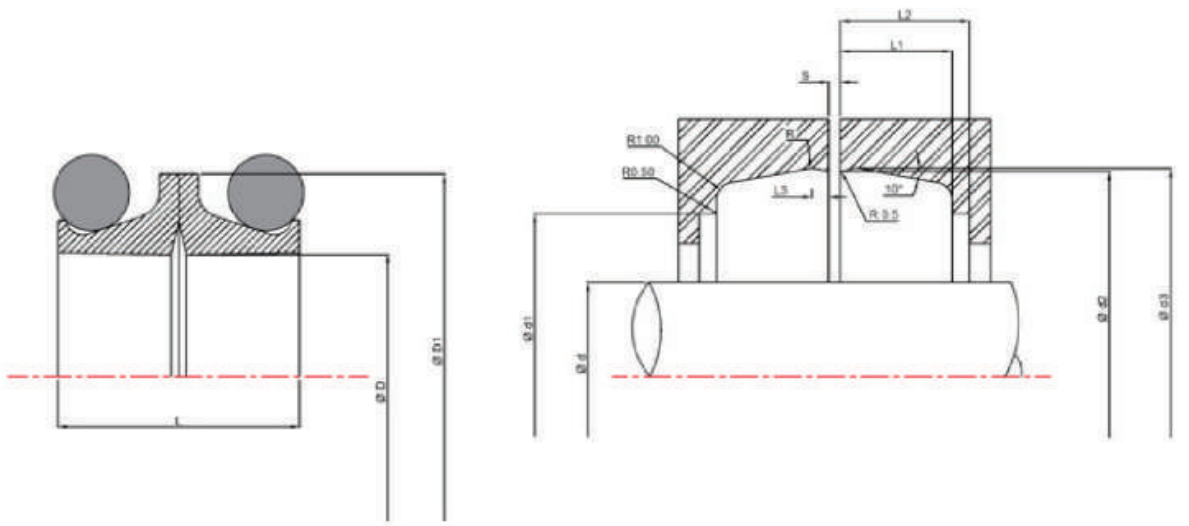
Material Details

Sealing Material	Code	O Ring Material	Code
Cast Iron (Ni Hard)	C	TRIAFLEX® NBR 65 Shore A	T565
Bearing Steel	B	TRIAFLEX® FKM 65 Shore A	T665
		TRIAFLEX® HNBR 65 Shore A	T535

Nomenclature

Part No	SDO	0300	0470	140	T565	B
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Seal Width x 10	O Ring material Code	Seal Material Code

O-Ring Cross-section	Gap "S"max
< 8.00	4
8.00 - 12.70	5
> 12.70	6



Sl. No.	TRIADA® Part Numbers	Rod Dia. "d"	"d3" ±0.1	"L"	"D"	"D1"	d2" ±0.1	"d1"	"L1"	"L2"min.	"L3"	"R"	"S"
1	SDO 0300 0470 140	30	47	14	34	45	46.5	42	6.5	8	1	1	1.5
2	SDO 0350 0537 204	35	53.7	20.4	38	51	53	46	9	11	1.8	2	3
3	SDO 0350 0520 140	35	52	14	39	50	51.5	46	6.5	8	1	1	1.5
4	SDO 0360 0550 200	36	55	20	40	52	54.2	46	9	11	1	1	3
5	SDO 0390 0616 240	39	61.6	24	43	58	60.8	53.4	10	12	1.8	2.5	3
6	SDO 0410 0616 216	41	61.6	21.6	45	58	61	54	10.5	12.5	1.8	2.5	3
7	SDO 0420 0616 200	42	61.6	20	46	59	61.2	53	9	11	2	2.5	3
8	SDO 0440 0599 144	44	59.9	14.4	48	58	59.4	55	6.3	8	1.5	1.7	1.5
9	SDO 0450 0680 260	45	68	26	48	62	67.2	58	12	14	2	3	3
10	SDO 0520 0738 220	52	73.8	22	55.5	70	73.1	65.5	10	11.5	2.4	5	3
11	SDO 0530 0760 260	53	76	26	56	70	75.2	66	12	14	2	2.5	3
12	SDO 0540 0814 356	54	81.4	35.6	57	77.5	80.7	68.5	15.2	20.9	3.5	4.8	3
13	SDO 0530 0792 270	53	79.2	27	58	75	78.6	66	12	14	2	2.5	3
14	SDO 0570 0784 206	57	78.4	20.6	60	74	77.4	70	9	11	1.9	2.5	3
15	SDO 0580 0758 176	58	75.8	17.6	61	73	75.5	66.8	6.5	7.5	1	1.4	3
16	SDO 0605 0865 318	60.5	86.5	31.8	63.5	82.5	85.7	73.5	15.2	16.8	3.5	4.8	3
17	SDO 0610 0846 250	61	84.6	25	64	78	83.8	74	12.5	14.5	2	3	3
18	SDO 0640 0910 318	64	91	31.8	67.5	86.5	90	78	14.5	17	2.8	5	3
19	SDO 0660 0896 240	66	89.6	24	69	84	88.6	78.5	11	13	1.9	3	3
20	SDO 0660 0925 240	66	92.5	24	69	89	91.5	83	11	13.5	2.8	5	3
21	SDO 0650 0955 290	65	95.5	29	70	90	94.7	84	13.5	15.5	2	3	3
22	SDO 0680 0874 200	68	87.4	20	71	84	86.7	80.8	8.5	10	1.8	2	3
23	SDO 0701 0960 356	70.1	96	35.6	72.5	92	95.2	83	15.2	20.9	3.5	4.8	3
24	SDO 0700 0962 318	70	96.2	31.8	73	92	95.4	84	15	17	2.8	4	3
25	SDO 0701 0960 318	70.1	96	31.8	73.1	91.9	95.2	83	15.2	16.8	3.5	4.8	3
26	SDO 0700 0902 204	70	90.2	20.4	73.5	88.5	89.4	82	12.7	14.3	2.2	2.8	3
27	SDO 0700 0914 225	70	91.4	22.5	74	86.5	90.7	80	9.5	11.5	2	3	3
28	SDO 0730 1014 290	73	101.4	29	75	94	100.6	89	14.5	16.5	2	3	3

Sl. No.	TRIADA® Part Numbers	Rod Dia. "d"	"d3" ±0.1	"L"	"D"	"D1"	d2" ±0.1	"d1"	"L1"	"L2"min.	"L3"	"R"	"S"
29	SDO 0759 0907 136	75.9	90.7	13.6	77.5	87.6	90.2	89.5	7.5	8	1.4	1.5	3
30	SDO 0760 0960 200	76	96	20	79.5	92.5	95.3	88	8.5	10.5	1.8	2	3
31	SDO 0760 1041 300	76	104.1	30	80	100	103.3	93	15	18	2.3	2.5	3
32	SDO 0780 1023 280	78	102.3	28	81	98	101.3	91	12.5	14.5	2.8	5	3
33	SDO 0805 1073 356	80.5	107.3	35.6	82.5	102	106.5	94.3	15.2	20.9	3.5	4.8	3
34	SDO 0874 1073 260	87.4	107.3	26	90	105	106.7	100.4	11.5	14	2.9	2.8	3
35	SDO 0860 1125 320	86	112.5	32	90	109	111.7	104	14.5	17	3.2	3	3
36	SDO 0874 1134 318	87.4	113.4	31.8	90.4	109.4	112.7	100.4	15.2	16.8	3.5	4.8	3
37	SDO 0885 1134 356	88.5	113.4	35.6	90.4	109.5	112.7	100.4	15.2	20.9	3.5	4.8	3
38	SDO 0880 1138 220	88	113.8	22	92	109.5	113	105	9.5	11.5	2	3	3
39	SDO 0900 1116 230	90	111.6	23	94	106.5	110.8	102	9.5	11.5	2	3	3
40	SDO 0920 1156 240	92	115.6	24	95	111	114.8	108	11	12.5	1.8	2	3
41	SDO 0910 1200 320	91	120	32	95	114	119.2	107	15	17	2.5	3	3
42	SDO 0940 1097 136	94.9	109.7	13.6	96.5	106.8	109.2	108.5	7.5	8	1.4	1.5	3
43	SDO 0970 1230 318	97	123	31.8	100	119	122.2	110	15.2	16.8	3.5	4.8	3
44	SDO 0990 1272 320	99	127.2	32	103	122	126.2	115	15.5	17.5	2.5	3	3
45	SDO 1000 1210 220	100	121	22	104	117	120.2	107	9.5	11.5	2	3	3
46	SDO 1000 1255 225	100	125.5	22.5	104	122.5	125.1	117.5	9.5	11.5	2	3	3
47	SDO 1000 1285 280	100	128.5	28	104	125	127.5	117	12.5	14	2.8	5	3
48	SDO 1030 1304 240	103	130.4	24	107	125	129.4	119.5	11	13.5	2.8	5	3
49	SDO 1040 1365 320	104	136.5	32	109	132	135.5	124	15.5	17.5	2.5	3	3
50	SDO 1060 1330 320	106	133	32	110	128	132	121	14.5	17	2.5	3	3
51	SDO 1070 1325 220	107	132.5	22	111	128	132	123	10.6	12.3	2.8	3	3
52	SDO 1080 1370 320	108	137	32	111	133	136.5	124.5	14.5	18	2.8	5	5
53	SDO 1075 1341 235	107.5	134.1	23.5	114.5	129	133.1	126	10.4	11.9	2.8	5	3
54	SDO 1100 1418 310	110	141.8	31	115	137	140.8	130	14.5	16.5	2.5	3	3
55	SDO 1140 1425 318	114	142.5	31.8	117	138	141.5	132	14.5	17	2.8	5	3
56	SDO 1130 1425 280	113	142.5	28	117	140	141.5	132	12.5	14	2.8	5	3

Sl. No.	TRIADA® Part Numbers	Rod Dia. "d"	"d3" ±0.1	"L"	"D"	"D1"	d2" ±0.1	"d1"	"L1"	"L2"min.	"L3"	"R"	"S"
57	SDO 1150 1425 280	115	142.5	28	119	140	141.5	132	12.5	14	2.8	5	3
58	SDO 1150 1430 318	115	143	31.8	120	139	142	129.3	14.3	17.4	3	5.4	3
59	SDO 1170 1440 318	117	144	31.8	120	141	143	138	14.5	17.5	2.8	5	3
60	SDO 1160 1490 380	116	149	38	120	142	148	133	17	19	2.5	3	4
61	SDO 1200 1464 220	120	146.4	22	124	141	145.3	136	10.6	12.3	2.8	3	3
62	SDO 1200 1485 318	120	148.5	31.8	125	144.1	147.5	136	14.3	17.4	3	5	3
63	SDO 1230 1500 318	123	150	31.8	126	146	149.2	137	15.2	16.8	3.5	4.8	3
64	SDO 1235 1438 268	123.5	143.8	26.8	126.5	139	143.1	136.9	11.8	14.2	2.9	2.8	3
65	SDO 1240 1440 290	124	144	29	127	141	143	136	12	14.5	2.8	5	3
66	SDO 1240 1438 254	124	143.8	25.4	127	141.2	143.1	136.9	11.8	14.2	2.9	2.8	3
67	SDO 1240 1505 318	124	150.5	31.8	127	146	149.5	138	14.5	17.5	2.8	5	4
68	SDO 1250 1556 320	125	155.6	32	130	150.5	154.6	144	14.5	16.5	2.5	5	3
69	SDO 1250 1590 385	125	159	38.5	130	152	158	144	18.5	20.5	2.5	3	3
70	SDO 1397 1597 254	139.7	159.7	25.4	142.7	156.9	158.9	152.1	11.8	14.2	2.9	2.8	3
71	SDO 1380 1640 270	138	164	27	143	160	163	154	12	14.5	2.8	5	4
72	SDO 1400 1600 260	140	160	26	144	157	159	154.5	12	14.5	2.8	5	3
73	SDO 1430 1768 380	143	176.8	38	146	168	175.9	159	18	20.5	3	6.5	4
74	SDO 1420 1805 380	142	180.5	38	146	175	179.5	162	17.7	20.5	3	6.3	6
75	SDO 1433 1768 380	143.3	176.8	38	146.3	171.7	175.9	158.9	18.4	20.3	3.7	6.3	6
76	SDO 1420 1710 280	142	171	28	147	167	170	160	13	15.5	2.8	5	3
77	SDO 1420 1756 310	142	175.6	31	148	170	174.6	164	15	17	2.5	3	4
78	SDO 1470 1790 400	147	179	40	150	172	178	165	18	20	2.5	2	4
79	SDO 1490 1754 320	149	175.4	32	152	171.5	174.7	162.5	15.2	16.8	3.5	4.8	4
80	SDO 1490 1763 280	149	176.3	28	153	171.5	175.3	164.5	12.5	14.5	2.8	5	3
81	SDO 1509 1710 254	150.9	171	25.4	153.9	168.1	170.2	164	11.8	14.2	2.9	2.8	3
82	SDO 1500 1710 270	150	171	27	154	168	170	162.5	12	14.5	2.3	3	3
83	SDO 1500 1745 220	150	174.5	22	154	169	173.5	166	9.2	11	2.3	3	3
84	SDO 1500 1751 210	150	175.1	21	154	170	174.1	167	9.2	10	2.3	3	3

Sl. No.	TRIADA® Part Numbers	Rod Dia. "d"	"d3" ±0.1	"L"	"D"	"D1"	d2" ±0.1	"d1"	"L1"	"L2"min.	"L3"	"R"	"S"
85	SDO 1510 1780 320	151	178	32	154	173.5	177	166	14.5	17	2.8	6.5	3
86	SDO 1603 1968 380	160.3	196.8	38	163.3	191.2	195.8	178.9	18.4	20.3	3.7	6.3	6
87	SDO 1600 1968 460	160	196.8	46	163.3	191.3	195.9	178.9	18.4	24.1	3.7	6.3	6
88	SDO 1600 1935 300	160	193.5	30	164	189	192.5	179	14.5	17	2.8	5	3
89	SDO 1610 1850 270	161	185	27	165	181	184	176.5	12	14.5	2.7	4	3
90	SDO 1680 1927 254	168	192.7	25.4	172.5	190	191.8	188	12.7	14.3	2.3	2.8	3
91	SDO 1700 1927 254	170	192.7	25.4	174	190	191.8	188	12.7	14.3	2.3	2.8	3
92	SDO 1730 2045 310	173	204.5	31	177	200	203.4	191	14.5	17	3.1	5	3
93	SDO 1750 2036 320	175	203.6	32	178	199	202.4	190	23	16	3	5	3
94	SDO 1750 2106 380	175	210.6	38	178	200	209.6	192	19	21	3	4	4
95	SDO 1730 2022 214	173	202.2	21.4	180	197.4	201.9	196	9.4	10.6	1.2	3	3
96	SDO 1793 2154 380	179.3	215.4	38	182.3	210.3	214.4	197.5	18.4	20.3	3.7	6.3	6
97	SDO 1790 2154 460	179	215.4	46	182.4	210.3	214.4	197.5	18.4	24.1	3.7	6.3	6
98	SDO 1790 2060 280	179	206	28	183	202	205	195	12.5	14.5	2.8	5	3
99	SDO 1820 2057 254	182	205.7	25.4	186	203	204.9	190.5	14.5	16	2.3	2.8	3
100	SDO 1870 2140 280	187	214	28	191	210	213	203	12.5	14.5	2.8	5	3
101	SDO 1890 2208 330	189	220.8	33	192	215	219.8	207	16.5	18.5	3	4	4
102	SDO 1910 2210 320	191	221	32	195	216.5	220	207	14.5	17	2.8	5	3
103	SDO 1960 2335 380	196	233.5	38	200	228.5	232.5	215.5	18	20.5	3.1	6.3	6
104	SDO 1970 2249 265	197	224.9	26.5	202	222.3	224.1	217.9	11.8	14.2	2.9	2.8	3
105	SDO 1980 2315 300	198	231.5	30	205	227	230.5	219	14.5	17	2.8	5	3
106	SDO 2060 2426 420	206	242.6	42	209	234	241.6	224	19.5	22.5	3	4	4
107	SDO 2150 2440 320	215	244	32	220	239.5	243	232	14.5	16.5	2.8	5	3
108	SDO 2200 2566 460	220	256.6	46	223.5	251.5	255.7	238.7	18.4	24.1	3.7	6.3	6
109	SDO 2205 2565 380	220.5	256.5	38	223.5	251.4	255.7	238.7	18.4	20.3	3.7	6.3	6
110	SDO 2200 2580 380	220	258	38	225	252	257	241	19	21	3	4	4
111	SDO 2280 2647 380	228	264.7	38	231.6	259.6	263.8	247	18.4	20.5	3.7	6.3	6
112	SDO 2310 2655 320	231	265.5	32	238	261	264.5	254	14.5	17	2.8	5	3

Sl. No.	TRIADA® Part Numbers	Rod Dia. "d"	"d3" ±0.1	"L"	"D"	"D1"	d2" ±0.1	"d1"	"L1"	"L2"min.	"L3"	"R"	"S"
113	SDO 2340 2472 400	234	274.2	40	239	268	273.2	257	20.5	22.5	3	4	4
114	SDO 2360 2735 380	236	273.5	38	240	262.8	272.5	255.5	18	20.5	3.1	6.5	3
115	SDO 2380 2689 320	238	268.9	32	245	264.5	267.9	255	14.5	17	2.8	5	3
116	SDO 2470 2846 440	247	284.6	44	250	276	283.6	266	20.5	24	3	4	4
117	SDO 2480 2855 380	248	285.5	38	252	280	284.5	265	18	20	3.1	6.5	3
118	SDO 2610 2978 460	261	297.8	46	265	292.8	297	280	18.4	24.1	3.7	6.3	6
119	SDO 2610 2980 380	261	298	38	265	293	297	280	18	20.5	3.1	6.3	4
120	SDO 2710 3080 380	271	308	38	275	303	307	290	18	20.5	3.1	6.5	3
121	SDO 2800 3163 380	280	316.3	38	282.9	310.8	315.4	298.4	18.4	20.3	3.7	6.3	6
122	SDO 2960 3355 380	296	335.5	38	300	325	334.5	318	17.5	20.5	3.1	6.5	3
123	SDO 2950 3330 400	295	333	40	300	328	332	315	18.5	21	3	4	4
124	SDO 2970 3330 380	297	333	38	301	328	332.1	315.1	18.4	20.3	3.7	6.3	6
125	SDO 3150 3515 380	315	351.5	38	318	341	350.5	334	18	20.5	3.1	6.5	3
126	SDO 3155 3516 380	315.5	351.6	38	318.5	346.4	350.7	333.7	18.4	20.3	3.7	6.3	6
127	SDO 3150 3515 380	315	351.6	46	319	346.5	350.7	333.7	18.4	24.1	3.7	6.3	6
128	SDO 3350 3748 400	335	374.8	40	339.5	369	373.8	358	19	21.5	3	4	4
129	SDO 3370 3748 400	337	374.8	40	340	368	373.8	358	19	21.5	3	4	3
130	SDO 3450 3850 380	345	385	38	350	375	384.5	368	17.5	20.5	3.1	6.5	3
131	SDO 3635 3995 380	363.5	399.5	38	366.5	394.4	398.6	381.7	18.4	20.3	3.7	6.3	6
132	SDO 3635 3995 480	363.5	399.5	48	366.5	394.5	398.6	381.7	18.4	24.1	3.7	6.3	6
133	SDO 3642 3995 380	364.2	399.5	38	367.2	394.5	398.6	381.7	18.4	20.3	3.7	6.3	6
134	SDO 3650 4035 380	365	403.5	38	370	398	402.6	385	17.5	20.5	3	6.5	3
135	SDO 3750 4122 400	375	412.2	40	380.5	405	410.5	395	17	22	3	4	4
136	SDO 3820 4203 380	382	420.3	38	387	415	419.3	402	17.5	20.5	3.1	6.5	3
137	SDO 4250 4623 370	425	462.3	37	428.5	454	461.3	444.6	18.5	21	3	4	4
138	SDO 4263 4623 380	426.2	462.3	38	429.2	457.2	461.4	444.4	18.4	20.3	3.7	6.3	6
139	SDO 4650 5122 500	465	512.2	50	470	500	510.2	490	23.5	25.5	13	6	3
140	SDO 5024 5385 440	502.4	538.5	44	505.4	533.4	537.6	520.6	21.3	26.2	3.7	6.3	6

Sl. No.	TRIADA® Part Numbers	Rod Dia. “d”	“d3” ±0.1	“L”	“D”	“D1”	d2” ±0.1	“d1”	“L1”	“L2”min.	“L3”	“R”	“S”
141	SDO 5240 5722 500	524	572.2	50	530	560	570.2	545	23.5	25.5	4	6	3
142	SDO 5755 6130 436	575.5	613	43.6	580	608	611	596	19.7	21.7	4	6.5	6
143	SDO 5850 6352 500	585	635.2	50	591	623	632.1	613	23.5	25.5	4	6	5
144	SDO 6600 7056 440	660	705.6	44	667	700	704.6	687.6	18.4	23.4	3.7	6.3	6
145	SDO 7000 7622 500	700	762.2	50	710	750	760.2	740	23.5	25.5	4	6	3
146	SDO 8150 8916 800	815	891.6	80	830	886	890.6	860	34.5	39.5	4.4	10	17

TRIADA

SDM

Rotary Seals

#SealingExcellence






Description

Mechanical Face Seals, also known as Heavy Duty Seals, Duo-Cone Seals or Toric Seals are of two types: one is SDO type which consists of two profiled metal rings along with two energizer O-Rings and the other is the SDM type, which also consists of two L-shaped metal rings along with a profiled diamond shaped energizer.

The metal rings are assembled in the housings, which has a relative rotary motion between them. Sealing action is in between these metal rings, whose mating faces are ground and lapped. Only one half of the seal rotates, and the seal faces are kept in contact with a predetermined axial load with the help of these energizers.

Mechanical Face seals, due to its robust construction and materials used, offers a longer life, compared to other possibilities for the same application, which are tough to be sealed in normal course. These seals are thus mostly used in dirty or rough & adverse environments.

The SDO type calls for a specially machined profile even in the housing cavity, whereas the SDM fits into an easy to make square bore.

Diameter Range	Ø38.00 – Ø480.00
Standard material	Sealing Material - Shell Mold Cast Iron Energiser - TRIAFLEX® T565 (NBR 65)
Temperature(°C)	From - 40° C to + 100° C with peaks till +110° C, with elastomer in standard. TRIAFLEX® T565 (NBR 65 Shores). (Can be extended to 200° C when used with elastomer in TRIAFLEX® T665 (FKM 65 Shores)).
Speed	Upto 10 m/s with oil lubrication, Upto 3 m/s with grease lubrication, depending on material.
Fluids	Hydraulic fluids (Mineral Oil based), Water, Air etc, depending on Seal Compounds selected.
Pressure	Pressure loading up to max. 3 bar for shell mold Cast Iron.

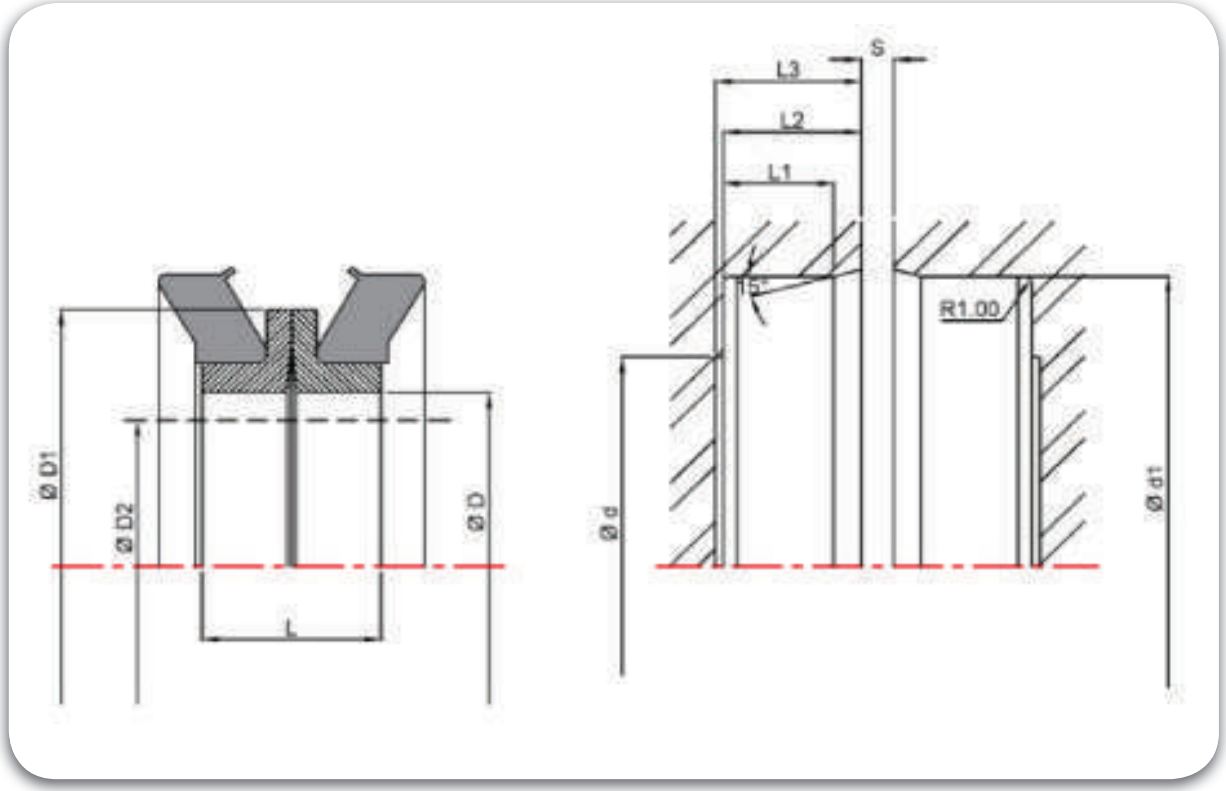
Material Details

Sealing Material	Code	Energiser Material	Code
Cast Iron (Ni Hard)	C	TRIAFLEX® NBR 65 Shore A	T565
Bearing Steel	B	TRIAFLEX® FKM 65 Shore A	T665
		TRIAFLEX® HNBR 65 Shore A	T535

Nomenclature

Part No	SDM	0380	0650	200	T565	B
	TRIADA TYPE	Rod Dia x 10	Groove Dia x 10	Seal Width x 10	O Ring material Code	Seal Material Code

O-Ring Cross-section	Gap "S"max
< 8.00	4
8.00 - 12.70	5
> 12.70	6



Sl. No.	TRIADA® Part Numbers	"D2"	"d1"	"L"	"D"	"D1"	"d"	"L1"	"L2"	"L3"	"S"
1	SDM 0380 0650 200	38	65	20	42	59	53	8	10	10.5	3
2	SDM 0440 0700 200	44	70	20	47	62	58	8	10	11	3
3	SDM 0460 0762 190	46	76.2	19	50.5	65	63	8	10	11	2.5
4	SDM 0500 0800 220	50	80	22	54	73	67	10	11.5	12	3
5	SDM 0540 0825 190	54	82.5	19	58.5	73	65	8	10	11	3
6	SDM 0570 0840 196	57	84	19.6	58.6	80	71	7.5	9	9.5	3
7	SDM 0595 0878 190	59.5	87.8	19	63.5	81	71	8	9	9.5	3
8	SDM 0640 0954 200	64	95.4	20	67	86.2	82	8	10	11	3
9	SDM 0640 0950 250	64	95	25	67	87	81	11	12.5	13	4
10	SDM 0640 0954 200	64	95.4	20	67	91.7	82	8	10	11	3
11	SDM 0640 0956 200	64	95.6	20	68	86.2	82	8	10	11	3.5
12	SDM 0700 1022 200	70	102.2	20	73.8	92.8	88	8	10	11	3
13	SDM 0700 1022 200	70	102.2	20	74	99	88	8	10	11	3
14	SDM 0740 1050 250	74	105	25	77	97	87	11	12.5	13.5	4
15	SDM 0700 1102 200	70	110.2	20	81.7	101.5	96	8	10	11	3
16	SDM 0780 1143 220	78	114.3	22	82.5	100	97	9	11	12	3.5
17	SDM 0830 1130 175	83	113	17.5	87.5	109	100	7	8.5	9.5	3
18	SDM 0850 1158 190	85	115.8	19	87.5	111.5	102	8.5	10	11	3
19	SDM 0880 1258 240	88	125.8	24	92	113	109	10	12.5	13	3
20	SDM 0900 1258 240	90	125.8	24	94	112.5	109	10	12.5	13	3
21	SDM 0950 1240 175	95	124	17.5	99	120	110	7	8.5	9.5	3
22	SDM 0950 1273 190	95	127.3	19	99	123	113	7	10	11	3
23	SDM 1000 1350 240	100	135	24	104	126	114	10	12	13	4
24	SDM 1010 1349 244	101	134.9	24.4	105	124	125	12	13.3	14.5	3
25	SDM 1100 1479 260	110	147.9	26	114	133.2	130	10.5	12	13	4
26	SDM 1100 1480 260	110	148	26	114	138	126	10	12	13	4
27	SDM 1190 1625 320	119	162.5	32	124	144	141.5	17	18.5	20.5	3
28	SDM 1280 1715 280	128	171.5	28	133	156	151	11	13	14	6.5
29	SDM 1430 1841 324	143	184.1	32.4	148.5	168	164	15	16.5	17.5	5

Sl. No.	TRIADA® Part Numbers	"D2"	"d1"	"L"	"D"	"D1"	"d"	"L1"	"L2"	"L3"	"S"
30	SDM 1450 1900 300	145	190	30	150	175	170	13	15	15.5	5
31	SDM 1490 1940 360	149	194	36	154	180	174	17	18.4	20	4.5
32	SDM 1530 1900 180	153	190	18	158	180	174	7	8	10	6
33	SDM 1640 2062 330	164	206.2	33	169	195	191.5	14	15.1	18.4	5
34	SDM 1730 2189 290	173	218.9	29	177.7	207	197	15	16.6	17.5	5
35	SDM 1870 2389 310	187	238.9	31	193	214.3	215	18	19.4	20.4	3
36	SDM 1880 2388 310	188	238.8	31	194	214.5	214	19	20.1	21	5
37	SDM 1950 2450 350	195	245	35	198	224	223	15	17	17.5	6
38	SDM 2210 2771 410	221	277.1	41	228	260.5	247.5	22	23.5	24.5	4
39	SDM 2250 2800 350	225	280	35	233	259	250	15	17	18	6
40	SDM 2350 2794 360	235	279.4	36	241.5	273.5	260.6	16.5	17.5	20	2
41	SDM 2700 3094 360	270	309.4	36	275	303	290	16.5	17.5	20	2
42	SDM 2780 3294 420	278	329.4	42	283	305	307	17	18.5	22.1	3
43	SDM 3120 3651 400	312	365.1	40	320	352.5	343	18.5	20	21.5	2
44	SDM 3450 4017 396	345	401.7	39.6	355	392	380	21.5	23	24	1.8
45	SDM 4350 4887 410	435	488.7	41	442	470	467	17	18.4	22	2.5
46	SDM 4800 5461 430	480	546.1	43	492	530	532	18.4	19.9	24.4	2

TRIADA

SV2

Rotary Seals

#SealingExcellence






Description

The V- Rings is an all elastomer axial seal for rotary shafts and bearings. It rotates with the shaft and seals axially against a stationary counter face perpendicular to the shaft. This type ofseal has been used widely for several applications and has proved to be reliable and effectiveagainst dust, dirt, water and oil splash and other media.
The ring consists of three parts:
a) The seal body, installed with interference to the shaft.
b) The hinge, acting as a spring connection between the body and the lip.
c) The conical and flexible sealing lip which provides the actual dynamic sealing against the counter face.
The counter face can be the side wall of the bearing, a washer or any housing

Diameter Range	Ø110.00 – Ø1200.00 (Larger dia. on request)
Standard material	TRIAFLEX® NBR 60 Shores (Other Compounds available, so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	Upto 15 m/s depending on the type of elastomer with the standard TRIAFLEX® T576 (NBR 75 Shores) it Can go upto 10 m/s. When used with elastomer in TRIAFLEX® T676 (FKM 75 Shores) it can go upto 15 m/s.
Fluids	Oil & Grease.

Materials Details

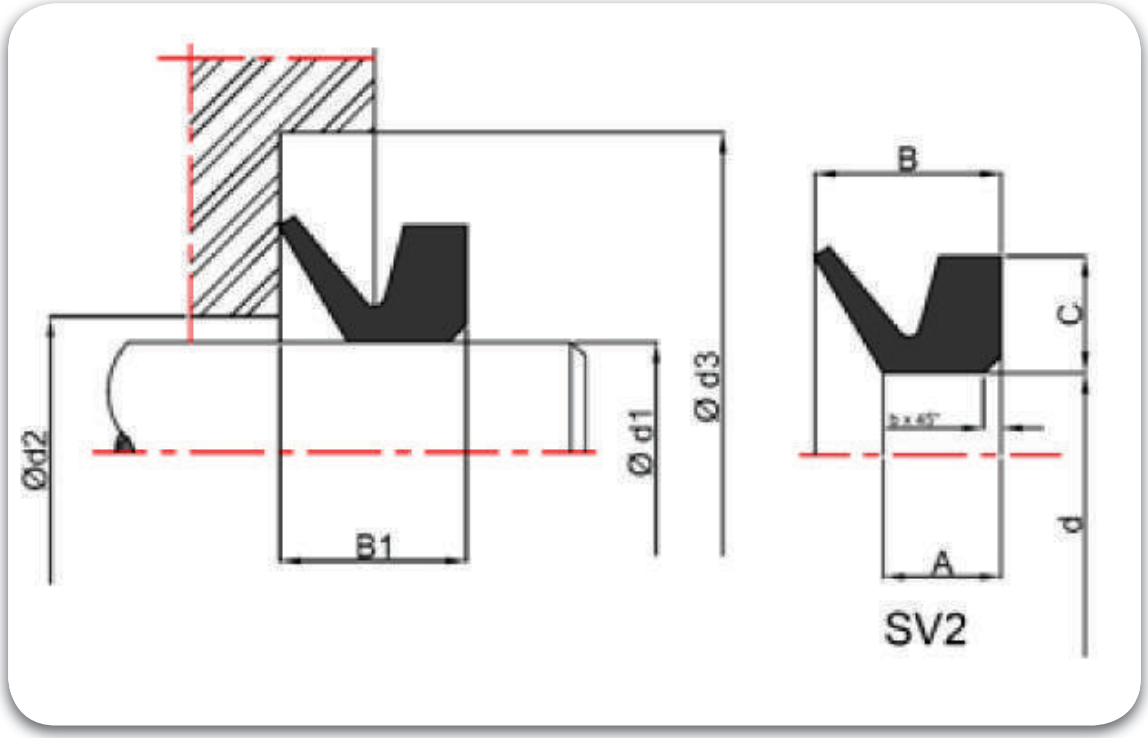
Material	Material code
TRIAFLEX® NBR 60	T561
TRIAFLEX® FKM 60	T661
TRIAFLEX® EPDM 60	T761
TRIAFLEX® HNBR 60	T531

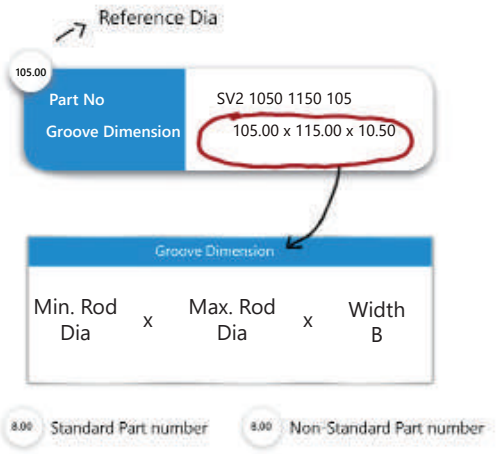
Nomenclature

Part No	SV2	1000	1420	085	T561
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Material Code



TYPE	C	A	B	b	B1	d3 min.	d2 max.
SV2	6.5	6	10.5	1	8.00 ± 1.50	d1 + 20	d1 + 5





105.00

Part No	SV2 1050 1150 105
Groove Dimension	105.00 x 115.00 x 10.50

115.00

Part No	SV2 1150 1250 105
Groove Dimension	115.00 x 125.00 x 10.50

125.00

Part No	SV2 1250 1350 105
Groove Dimension	125.00 x 135.00 x 10.50

135.00

Part No	SV2 1350 1450 105
Groove Dimension	135.00 x 145.00 x 10.50

145.00

Part No	SV2 1450 1550 105
Groove Dimension	145.00 x 155.00 x 10.50

155.00

Part No	SV2 1550 1650 105
Groove Dimension	155.00 x 165.00 x 10.50

165.00

Part No	SV2 1650 1750 105
Groove Dimension	165.00 x 175.00 x 10.50

175.00

Part No	SV2 1750 1850 105
Groove Dimension	175.00 x 185.00 x 10.50

185.00

Part No	SV2 1850 1950 105
Groove Dimension	185.00 x195.00 x 10.50

195.00

Part No	SV2 1950 2100 105
Groove Dimension	195.00 x 210.00 x 10.50

210.00

Part No	SV2 2100 2330 105
Groove Dimension	210.00 x 233.00 x 10.50

233.00

Part No	SV2 2330 2600 105
Groove Dimension	233.00 x 260.00 x 10.50

260.00

Part No	SV2 2600 2850 105
Groove Dimension	260.00 x 285.00 x 10.50

285.00

Part No	SV2 2850 3100 105
Groove Dimension	285.00 x 310.00 x 10.50

310.00

Part No	SV2 3100 3350 105
Groove Dimension	310.00 x 335.00 x 10.50

335.00

Part No	SV2 3350 3650 105
Groove Dimension	335.00 x 365.00 x 10.50

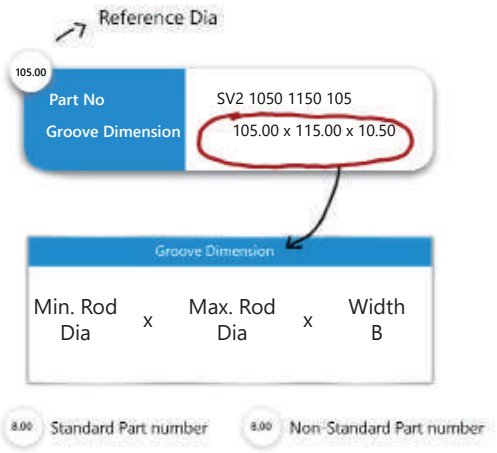
365.00

Part No	SV2 3650 3850 105
Groove Dimension	365.00 x 385.00 x 10.50

385.00

Part No	SV2 3850 4100 105
Groove Dimension	385.00 x 410.00 x 10.50

410.00	440.00	475.00
Part No: SV2 4100 4400 105 Groove Dimension: 410.00 x 440.10 x 10.50	Part No: SV2 4400 4750 105 Groove Dimension: 440.00 x 475.00 x 10.50	Part No: SV2 4750 5100 105 Groove Dimension: 475.00 x 510.00 x 10.50
510.00	540.00	575.00
Part No: SV2 5100 5400 105 Groove Dimension: 510.00 x 540.00 x 10.50	Part No: SV2 5400 5750 105 Groove Dimension: 540.00 x 575.00 x 10.50	Part No: SV2 5750 6250 105 Groove Dimension: 575.00 x 625.00 x 10.50
625.00	675.00	710.00
Part No: SV2 6250 6750 105 Groove Dimension: 625.00 x 675.00 x 10.50	Part No: SV2 6750 7100 105 Groove Dimension: 675.00 x 710.00 x 10.50	Part No: SV2 7100 7400 105 Groove Dimension: 710.00 x 740.00 x 10.50
740.00	775.00	825.00
Part No: SV2 7400 7750 105 Groove Dimension: 740.00 x 775.00 x 10.50	Part No: SV2 7750 8250 105 Groove Dimension: 775.00 x 825.00 x 10.50	Part No: SV2 8250 8750 105 Groove Dimension: 825.00 x 875.00 x 10.50
875.00	925.00	975.00
Part No: SV2 8750 9250 105 Groove Dimension: 875.00 x 925.00 x 10.50	Part No: SV2 9250 9750 105 Groove Dimension: 925.00 x 975.00 x 10.50	Part No: SV2X 9750 1025 105 Groove Dimension: 975.00 x 1025.00 x 10.50
1035	1075	1125
Part No: SV2X 1035 1075 105 Groove Dimension: 1035.00 x 1075.00 x 10.50	Part No: SV2X 1075 1125 105 Groove Dimension: 1075.00 x1125.00 x 10.50	Part No: SV2X 1125 1175 105 Groove Dimension: 1125.00 x 1175.00 x 10.50
1175	1225	1275
Part No: SV2X 1175 1225 105 Groove Dimension: 1175.00 x 1225.00 x10.50	Part No: SV2X 1225 1275 105 Groove Dimension: 1225.00 x 1275.00 x 10.50	Part No: SV2X 1275 1325 105 Groove Dimension: 1275.00 x 1325.00 x 10.50



1625

Part No	SV2X 1625 1675 105
Groove Dimension	1625.00 x 1675.00 x 10.50

1775

Part No	SV2X 1775 1825 105
Groove Dimension	1775.00 x 1825.00 x 10.50

1925

Part No	SV2X 1925 1975 105
Groove Dimension	1925.00 x 1975.00 x 10.50

1325

Part No	SV2X 1325 1375 105
Groove Dimension	1325.00 x 1375.00 x 10.50

1425

Part No	SV2X 1425 1475 105
Groove Dimension	1425.00 x 1475.00 x 10.50

1525

Part No	SV2X 1525 1575 105
Groove Dimension	1525.00 x 1575.00 x 10.50

1675

Part No	SV2X 1675 1725 105
Groove Dimension	1675.00 x 1725.00 x 10.50

1825

Part No	SV2X 1825 1875 105
Groove Dimension	1825.00 x 1875.00 x 10.50

1975

Part No	SV2X 1975 2025 105
Groove Dimension	1975.00 x 2025.00 x 10.50

1375

Part No	SV2X 1375 1425 105
Groove Dimension	1375.00 x 1425.00 x 10.50

1475

Part No	SV2X 1475 1525 105
Groove Dimension	1475.00 x 1525.00 x 10.50

1575

Part No	SV2X 1575 1625 105
Groove Dimension	1575.00 x 1625.00 x 10.50

1725

Part No	SV2X 1725 1775 105
Groove Dimension	1725.00 x 1775.00 x 10.50

1875

Part No	SV2X 1875 1925 105
Groove Dimension	1875.00 x 1925.00 x 10.50

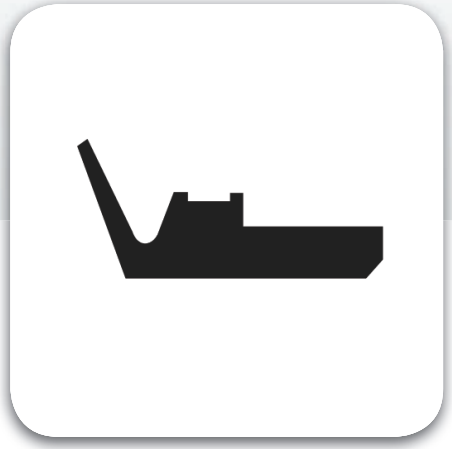
TRIADA

SV4

Rotary Seals

#SealingExcellence



Description

The V- Rings is an all elastomer axial seal for rotary shafts and bearings. It rotates with the shaft and seals axially against a stationary counter face perpendicular to the shaft. This type ofseal has been used widely for several applications and has proved to be reliable and effectiveagainst dust, dirt, water and oil splash and other media.
The ring consists of three parts:
a) The seal body, installed with interference to the shaft.
b) The hinge, acting as a spring connection between the body and the lip.
c) The conical and flexible sealing lip which provides the actual dynamic sealing against the counter face.

Diameter Range	Ø110.00 – 1200.00 (Larger dia. on request)
Standard material	TRIAFLEX® NBR 60 Shores (Other Compounds available, so as to suit the Application Conditions).
Temperature(°C)	-40° C to 200° C (Based on Elastomer Material).
Speed	Upto 15 m/s depending on the type of elastomer. With the standard TRIAFLEX® T576 (NBR 75 Shores) it Can go upto 10 m/s, when used with elastomer in TRIAFLEX® T676 (FKM 75 Shores) it can go upto 15 m/s.
Fluids	Oil & Grease.

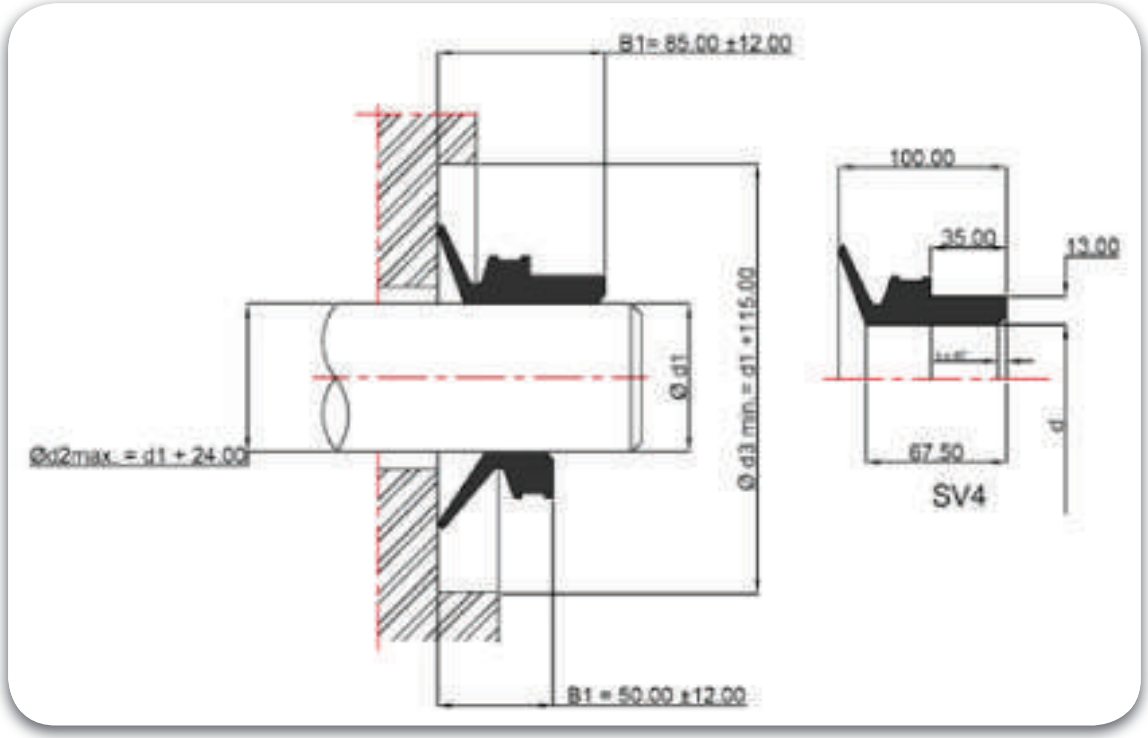
Materials

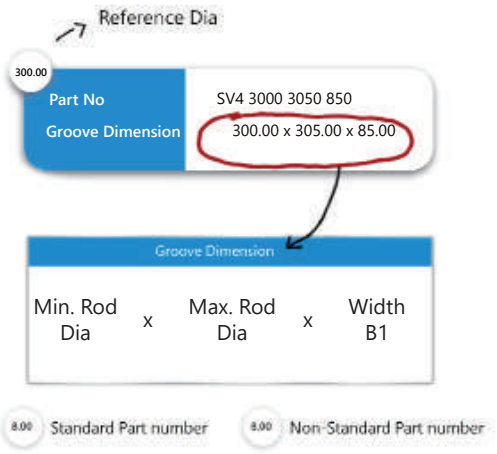
Material	Material code
TRIAFLEX® NBR 60	T561
TRIAFLEX® FKM 60	T661
TRIAFLEX® EPDM 60	T761
TRIAFLEX® HNBR 60	T531

Nomenclature

Part No	SV4	1000	1420	085	T561
	TRIADA TYPE	Rod Dia x10	Groove Dia x 10	Groove Width x 10	Material Code

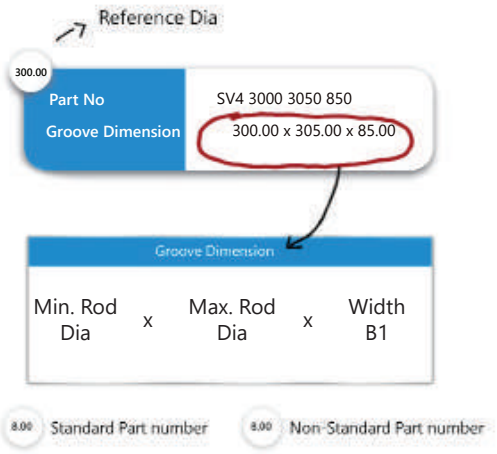






300.00	Part No	SV4 3000 3050 850
	Groove Dimension	300.00 x 305.00 x 85.00
305.00	Part No	SV4 3050 3100 850
	Groove Dimension	305.00 x 310.00 x 85.00
310.5	Part No	SV4 3105 3150 850
	Groove Dimension	310.5 x 315.00 x 85.00
315.0	Part No	SV4 3150 3200 850
	Groove Dimension	315.00 x 320.00 x 85.00
320.0	Part No	SV4 3200 3250 850
	Groove Dimension	320.00 x 325.00 x 85.00
325.0	Part No	SV4 3250 3300 850
	Groove Dimension	325.00 x 330.00 x 85.00
330.0	Part No	SV4 3300 3350 850
	Groove Dimension	330.00 x 335.00 x 85.00
335.0	Part No	SV4 3350 3400 850
	Groove Dimension	335.00 x 340.00 x 85.00
340.0	Part No	SV4 3400 3450 850
	Groove Dimension	340.00 x 345.00 x 85.00
345.0	Part No	SV4 3450 3500 850
	Groove Dimension	345.00 x 350.00 x 85.00
350.0	Part No	SV4 3500 3550 850
	Groove Dimension	350.00 x 355.00 x 85.00
355.00	Part No	SV4 3550 3600 850
	Groove Dimension	355.00 x 360.00 x 85.00
360.0	Part No	SV4 3600 3650 850
	Groove Dimension	360.00 x 365.00 x 85.00
365.00	Part No	SV4 3650 3700 850
	Groove Dimension	365.00 x 370.00 x 85.00
370.0	Part No	SV4 3700 3750 850
	Groove Dimension	370.00 x 375.00 x 85.00
375.0	Part No	SV4 3750 3800 850
	Groove Dimension	375.00 x 380.00 x 85.00
380.00	Part No	SV4 3800 3850 850
	Groove Dimension	380.00 x 385.00 x 85.00
385.0	Part No	SV4 3850 3900 850
	Groove Dimension	385.00 x 390.00 x 85.00

390.00	395.0	400.0
Part No: SV4 3900 3950 850 Groove Dimension: 390.00 x 395.00 x 85.00	Part No: SV4 3950 4000 850 Groove Dimension: 395.00 x 400.00 x 85.00	Part No: SV4 4000 4050 850 Groove Dimension: 400.00 x 405.00 x 85.00
405.0	410.0	415.0
Part No: SV4 4050 4100 850 Groove Dimension: 405.00 x 410.00 x 85.00	Part No: SV4 4100 4150 850 Groove Dimension: 410.00 x 415.00 x 85.00	Part No: SV4 4150 4200 850 Groove Dimension: 415.00 x 420.00 x 85.00
420.0	425.0	430.0
Part No: SV4 4200 4250 850 Groove Dimension: 420.00 x 425.00 x 85.00	Part No: SV4 4250 4300 850 Groove Dimension: 425.00 x 430.00 x 85.00	Part No: SV4 4300 4350 850 Groove Dimension: 430.00 x 435.00 x 85.00
435.0	440.0	445.0
Part No: SV4 4350 4400 850 Groove Dimension: 435.00 x 440.00 x 85.00	Part No: SV4 4400 4450 850 Groove Dimension: 440.00 x 445.00 x 85.00	Part No: SV4 4450 4500 850 Groove Dimension: 445.00 x 450.00 x 85.00
450.0	455.0	460.0
Part No: SV4 4500 4550 850 Groove Dimension: 450.00 x 455.00 x 85.00	Part No: SV4 4550 4600 850 Groove Dimension: 455.00 x 460.00 x 85.00	Part No: SV4 4600 4650 850 Groove Dimension: 460.00 x 465.00 x 85.00
465.0	470.0	475.0
Part No: SV4 4650 4700 850 Groove Dimension: 465.00 x 470.00 x 85.00	Part No: SV4 4700 4750 850 Groove Dimension: 470.00 x 475.00 x 85.00	Part No: SV4 4750 4800 850 Groove Dimension: 475.00 x 480.00 x 85.00
480.0	485.0	490.0
Part No: SV4 4800 4850 850 Groove Dimension: 480.00 x 485.00 x 85.00	Part No: SV4 4850 4900 850 Groove Dimension: 485.00 x 490.00 x 85.00	Part No: SV4 4900 4950 850 Groove Dimension: 490.00 x 495.00 x 85.00



495.00

Part No	SV4 4950 5000 850
Groove Dimension	495.00 x 500.00 x 85.00

500.00

Part No	SV4 5000 5050 850
Groove Dimension	500.00 x 505.00 x 85.00

505.00

Part No	SV4 5050 5100 850
Groove Dimension	505.00 x 510.00 x 85.00

510.00

Part No	SV4 5100 5150 850
Groove Dimension	510.00 x 515.00 x 85.00

515.00

Part No	SV4 5150 5200 850
Groove Dimension	515.00 x 520.00 x 85.00

520.00

Part No	SV4 5200 5250 850
Groove Dimension	520.00 x 525.00 x 85.00

525.00

Part No	SV4 5250 5300 850
Groove Dimension	525.00 x 530.00 x 85.00

530.00

Part No	SV4 5300 5350 850
Groove Dimension	530.00 x 535.00 x 85.00

535.00

Part No	SV4 5350 5400 850
Groove Dimension	535.00 x 540.00 x 85.00

540.00

Part No	SV4 5400 5450 850
Groove Dimension	540.00 x 545.00 x 85.00

545.00

Part No	SV4 5450 5550 850
Groove Dimension	545.00 x 555.00 x 85.00

550.00

Part No	SV4 5500 5550 850
Groove Dimension	550.00 x 555.00 x 85.00

555.00

Part No	SV4 5550 5600 850
Groove Dimension	555.00 x 560.0 x 85.0

560.00

Part No	SV4 5600 5650 850
Groove Dimension	560.00 x 565.00 x 85.00

565.00

Part No	SV4 5650 5700 850
Groove Dimension	565.00 x 570.00 x 85.00

570.00

Part No	SV4 5700 5750 850
Groove Dimension	570.00 x 575.00 x 85.00

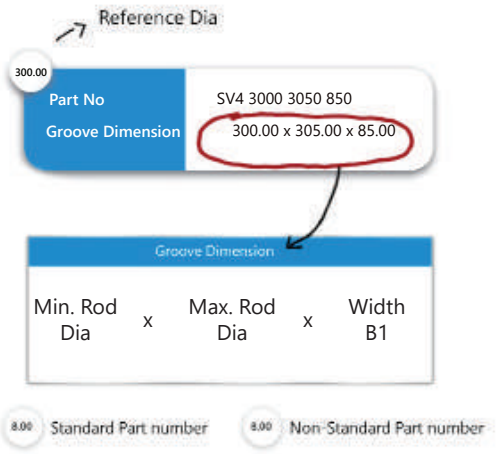
575.00

Part No	SV4 5750 5800 850
Groove Dimension	575.00 x 580.00 x 85.00

580.00

Part No	SV4 5800 5850 850
Groove Dimension	580.00 x 585.00 x 85.00

585.00	590.00	600.00
Part No: SV4 5850 5900 850 Groove Dimension: 585.00 x 590.00 x 85.00	Part No: SV4 5900 6000 850 Groove Dimension: 590.00 x 600.00 x 85.00	Part No: SV4 6000 6100 850 Groove Dimension: 600.00 x 610.00 x 85.00
610.00	620.00	630.00
Part No: SV4 6100 6200 850 Groove Dimension: 610.00 x 620.00 x 85.00	Part No: SV4 6200 6300 850 Groove Dimension: 620.00 x 630.00 x 85.00	Part No: SV4 6300 6400 850 Groove Dimension: 630.00 x 640.00 x 85.00
640.00	650.00	660.00
Part No: SV4 6400 6500 850 Groove Dimension: 640.00 x 650.00 x 85.00	Part No: SV4 6500 6600 850 Groove Dimension: 65.00 x 660.00 x 85.00	Part No: SV4 6600 6700 850 Groove Dimension: 660.00 x 670.00 x 85.00
670.00	680.00	690.00
Part No: SV4 6700 6800 850 Groove Dimension: 670.00 x 680.00 x 85.00	Part No: SV4 6800 6900 850 Groove Dimension: 680.00 x 690.00 x 85.00	Part No: SV4 6900 7000 850 Groove Dimension: 690.00 x 700.00 x 85.00
700.00	710.00	720.00
Part No: SV4 7000 7100 850 Groove Dimension: 700.00 x 710.00 x 85.00	Part No: SV4 7100 7200 850 Groove Dimension: 710.00 x 720.00 x 85.00	Part No: SV4 7200 7300 850 Groove Dimension: 720.00 x 730.00 x 85.00
700.00	740.00	750.00
Part No: SV4 7300 7400 850 Groove Dimension: 730.00 x 740.00 x 85.00	Part No: SV4 7400 7500 850 Groove Dimension: 740.00 x 750.00 x 85.00	Part No: SV4 7500 7580 850 Groove Dimension: 750.00 x 758.00 x 85.00
758.00	766.00	774.00
Part No: SV4 7580 7660 850 Groove Dimension: 758.00 x 760.00 x 85.00	Part No: SV4 7660 7740 850 Groove Dimension: 766.00 x 774.00 x 85.00	Part No: SV4 7740 7830 850 Groove Dimension: 774.00 x 783.00 x 85.00



841.00

Part No	SV4 8410 8510 850
Groove Dimension	841.00 x 851.00 x 85.00

871.0

Part No	SV4 8710 8820 850
Groove Dimension	871.00 x 882.00 x 85.00

912.0

Part No	SV4 9120 9220 850
Groove Dimension	912.00 x 922.00 x 85.00

944.0

Part No	SV4 9440 9550 850
Groove Dimension	944.00 x 955.00 x 85.00

783.0

Part No	SV4 7830 7920 850
Groove Dimension	783.00 x 792.00 x 85.00

801.0

Part No	SV4 8010 8100 850
Groove Dimension	801.00 x 810.00 x 85.00

821.0

Part No	SV4 8210 8310 850
Groove Dimension	821.00 x 831.00 x 85.00

851.0

Part No	SV4 8510 8610 850
Groove Dimension	851.00 x 861.00 x 85.00

882.0

Part No	SV4 8820 8920 850
Groove Dimension	882.00 x 892.00 x 85.00

922.0

Part No	SV4 9220 9330 850
Groove Dimension	922.00 x 933.00 x 85.00

955.0

Part No	SV4 9550 9660 850
Groove Dimension	955.00 x 966.00 x 85.00

792.0

Part No	SV4 7920 8010 850
Groove Dimension	792.00 x 801.00 x 85.00

810.0

Part No	SV4 8100 8210 850
Groove Dimension	810.00 x 821.00 x 85.00

831.0

Part No	SV4 8310 8410 850
Groove Dimension	831.00 x 841.00 x 85.00

861.0

Part No	SV4 8610 8710 850
Groove Dimension	861.00 x 871.00 x 85.00

892.0

Part No	SV4 8920 9120 850
Groove Dimension	892.00 x 912.00 x 85.00

933.0

Part No	SV4 9330 9440 850
Groove Dimension	933.00 x 944.00 x 85.00

966.00

Part No	SV4 9660 9770 850
Groove Dimension	96.00 x 977.00 x 85.00

977.0

Part No	SV4 9770 9880 850
Groove Dimension	977.00 x 988.00 x 85.00

988.0

Part No	SV4 9880 9990 850
Groove Dimension	988.00 x 999.00 x 85.00

999.0

Part No	SV4 9990 1010 850
Groove Dimension	999.00 x 101.00 x 85.00

1010.0

Part No	SV4X 1010 1025 085
Groove Dimension	1010.00 x 1025.00 x 8.5

1025.0

Part No	SV4X 1025 1045 085
Groove Dimension	1025.00 x 1045.00 x 8.5

1045.0

Part No	SV4X 1045 1065 085
Groove Dimension	1045.00 x 1065.00 x 8.5

1065.0

Part No	SV4X 1065 1085 085
Groove Dimension	1065.00 x 1085.00 x 8.5

1085.0

Part No	SV4X 1085 1105 085
Groove Dimension	1085.00 x 1105.00 x 8.5

1105.0

Part No	SV4X 1105 1125 085
Groove Dimension	1105.00 x 1125.00 x 8.5

1125.0

Part No	SV4X 1125 1145 085
Groove Dimension	1125.00 x 1145.00 x 8.5

1125.0

Part No	SV4X 1125 1145 085 ssa 085
Groove Dimension	1125.00 x 1145.00 x 8.5

1165.0

Part No	SV4X 1165 1185 085
Groove Dimension	1165.00 x 1185.00 x 8.50

1185.0

Part No	SV4X 1185 1205 085
Groove Dimension	1185.00 x 1205.00 x 8.5

1205.0

Part No	SV4X 1205 1225 085
Groove Dimension	1205.00 x 1225.00 x 8.50

1225.0

Part No	SV4X 1225 1245 085
Groove Dimension	1225.0 x 1245.00 x 8.50

1245.0

Part No	SV4X 1245 1270 085
Groove Dimension	1245.00 x 1270.00 x 8.50

1245.0

Part No	SV4X 1245 1270 085
Groove Dimension	1245.00 x 1270.00 x 8.50

1295.0

Part No	SV4X 1295 1315 085
Groove Dimension	1295.00 x 1315.00 x 8.50

1315.0

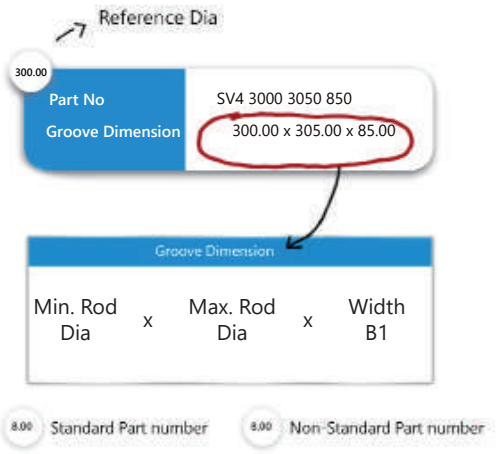
Part No	SV4X 1315 1340 085
Groove Dimension	1315.00 x 1340.00 x 8.50

1340.0

Part No	SV4X 1340 1365 085
Groove Dimension	1340.00 x 1365.00 x 8.50

1365.0

Part No	SV4X 1365 1390 085
Groove Dimension	1365.00 x 1390.00 x 8.50



1390.0

Part No	SV4X 1390 1415 085
Groove Dimension	1390.00 x 1415.00 x 8.50

1415.0

Part No	SV4X 1415 1440 085
Groove Dimension	1415.00 x 1440.00 x 8.50

1440.0

Part No	SV4X 1440 1465 085
Groove Dimension	1440.00 x 1465.00 x 8.50

1465.0

Part No	SV4X 1465 1490 085
Groove Dimension	1465.00 x 1490.00 x 8.50

1490.0

Part No	SV4X 1490 1515 085
Groove Dimension	1490.00 x 1515.00 x 8.50

1515.0

Part No	SV4X 1515 1540 085
Groove Dimension	1515.00 x 1540.00 x 8.50

1540.0

Part No	SV4X 1540 1570 085
Groove Dimension	1540.00 x 1570.00 x 8.50

1570.0

Part No	SV4X 1570 1600 085
Groove Dimension	1570.00 x 1600.00 x 8.50

1600.0

Part No	SV4X 1600 1640 085
Groove Dimension	1600.00 x 1640.00 x 8.50

1640.0

Part No	SV4X 1640 1680 085
Groove Dimension	1640.00 x 1680.00 x 8.50

1680.0

Part No	SV4X 1680 1720 085
Groove Dimension	1680.00 x 1720.00 x 8.50

1720.0

Part No	SV4X 1720 1765 085
Groove Dimension	1720.00 x 1765.00 x 8.5

1765.0

Part No	SV4X 1765 1810 085
Groove Dimension	1765.00 x 1810.00 x 8.50

1810.0

Part No	SV4X 1810 1855 085
Groove Dimension	1810.00 x 1855.00 x 8.50

1855.0

Part No	SV4X 1855 1905 085
Groove Dimension	1855.00 x 1905.00 x 8.50

1905.0

Part No	SV4X 1905 1955 085
Groove Dimension	1905.00 x 1955.00 x 8.50

1955.0

Part No	SV4X 1955 2010 085
Groove Dimension	1955.00 x 2010.00 x 8.50

TRIADA

Storage Guidelines

#SealingExcellence

Storage Guidelines

Storage life is the maximum period of time, clocked from the date of manufacture, that an elastomeric component, packed appropriately, may be stored under specific condition, beyond which it is regarded as unserviceable, for the intended purpose it was originally manufactured. The cure date shall be taken as the basis for the thermo-set elastomers and for thermoplastic elastomers, the date of manufacturing of the finished product shall be the basis. Shelf life or storage life shall be different for each compound, even when they are stored under specified conditions.Mostly, longer storage periods are considered for the 10 or 20 year categories of compounds, provided the components are appropriately stored and recommended periodic checks are performed. In general, Polyethylene (PE) bags (UV protected shall be an added advantage) stored in cardboard boxes or PE lined kraft paper bags can insure a decent storage life.

Over the years, the advancements is compounding techniques have helped in improving the storage life of relatively age-sensitive elastomers, even in normal ware housing atmosphere. It has been clearly demonstrated and evident that the storage conditions is the single most critical aspect in determining the useful life of elastomer products, than is the time.

Following parameters/criteria shall assist in ensuring a proper storage condition, which are extracted from ISO 2230:2002 and may be referred for all applications other than related to Aerospace/Military. For Aerospace/ Military, one may refer to SAE-ARP 5361 and MIL-HDBK-695C, for the storage conditions.

Temperature

Preferred storage temperature is below 25°C, away from direct sources of heat. As a thumb rule, it can be stated that a storage temperature 10°C higher than the specified 25°C, can reduce the storage life by about 50% and similarly, a storage temperature lower by 10°C from the suggested 25°C, can increase the storage life by about 100%!.In case the storage temperature has been lower than 15°C, there is a risk of distortion due to handling of possible stiffened products and in these cases, it is suggested to warm the products, may be to about 30°C or so.

Humidity

Relative humidity of the storage atmosphere should be less 70% in case of elastomers and less than 65%, in case of Polyurethanes. RH should be such that, given in the variations of storage temperatures, condensation should not occur.

Light

Elastomeric Seals should be protected from light sources, in particular direct sunlight or intense artificial light having an ultraviolet content. The individual storage bags offer the best protection as long as they are UV resistant. (Note: It is advisable that the windows of storage rooms where elastomers are stored in bulk be covered with a red or orange coating)

Storage Guidelines

Radiation
Precautions shall be taken to protect stored articles from all sources of ionizing radiation likely to cause damage to stored articles.

Ozone
As Ozone is particularly damaging to certain elastomeric seals, storage rooms shall not contain any equipment that is capable of generating ozone such as mercury vapour lamps, high voltage electrical equipment giving rise to electric sparks or silent electrical discharges. Combustion gases and organic vapour shall be excluded from storage rooms as they may give rise to ozone via photochemical processes. bond to such an extent that the seal

Deformation
Elastomeric seals shall be stored free from superimposed tensile and compressive stresses or any other causes of deformation. Where articles are stored in strain-free condition, they shall be stored in their original packaging. O-Rings of large inside diameter shall be formed into atleast three superimposed loops so as to avoid creasing or twisting. (Note: It is not possible to achieve this condition by forming just two loops, three are minimum required)

Contact with Liquid & Semi-Solid Materials
Certain Metals and their Alloys (in particular Copper. Manganese & Iron) are known to have deleterious effects on elastomers. Elastomeric Seals shall not be stored in contact with such metals (except when bonded to them), but shall be protected by individual packaging.

Contact with Dusting Powder
Dusting Powder shall be used only for packaging of elastomeric seals in order to prevent blocking or sticking. In such instances, the minimum quantity of powder to prevent adhesion shall be used.

Contact between different Elastomers
Contact between different elastomers and elastomers of different seals shall be avoided.

Elastomeric Seals bonded to Metal Parts
The metal parts of bonded seals shall not come in contact with the elastomeric element of another seal. Any preservative used on the metal shall be such that it will not affect the elastomeric element or the bond to such an extent that the seal will not comply with the product specification.

Stock Rotation
Elastomeric Seal stock shall be rotated in FIFO (First In First Out) method.

Storage Guidelines

Initial and Extension Storage Periods for Unassembled components following ISO 2230

Abbreviation	Chemical Name from ISO 1629	Common Name
GROUP A - Initial Storage Period 5 Years, Extension Storage Period 2 Years		
BR	Butadiene Rubber	Polybutadiene
NR	Isoprene Rubber, Natural	Natural Rubber
IR	Isoprene Rubber, Synthetic	Polyisoprene
SBR	Styrene-Butadiene Rubber	SBR
AU	Polyester Urethane Rubber	Polyurethane
EU	Polyether Urethane Rubber	Polyurethane
GROUP B - Initial Storage Period 7 Years, Extension Storage Period 3 Years		
NBR	Acrylonitrile-Butadiene Rubber	Nitrile
XNBR	Carboxylic-Acrylonitrile-Butadiene Rubber	Carboxylated Rubber
HNBR	Hydrogenated NBR (with some unsaturation)	Hydrogenated Nitrile
CO,ECO	Polychloromethyloxiran and Copolymer	Epichlorohydrin
ACM	Copolymer of Ethylacrylate and small amount of Monomer	Acrylic
CR	Chloroprene Rubber	Neoprene
IIR	Isobutene-Isoprene Rubber	Butyl
BIIR	Bromo-Isobutene-Isoprene Rubber	Bromobutyl
CIIR	Chloro-Isobutene-Isoprene Rubber	Chlorobutyl
GROUP C - Initial Storage Period 10 Years, Extension Storage Period 5 Years		
CSM	Chlorosulfonylpolyethlene	Chlorosulfonated Polyethylene
EPDM	Terpolymer of Ethylene,Propylene and Diene (Residual Unsaturated Portion)	EPDM
FKM	Rubber having Fluoro, Perfluoroalkyl or Perfluoroalkoxy Substituent Groups	Fluorocarbon
VMQ	Silicone Rubber having both MEthyl and Vinyl Substituent Group	Silicone
GROUP D - Storage Period is Unlimited		
PTFE	Polytetrafluoroethylene	Teflon

Technical Proposal Request

Doc. Ref. No.:	TT/FR/AE/01
Rev. No.:	00
Rev. Date:	17/10/2016

Email: sales@triada.co.in

Note: Only information provided in this TPR will be considered for the recommended solution

Prepared By: | Application Engr: | TTIPL TPR
Date Prepared: | Sales Engr: | Cust.
Answers Required By: | Inside Sales:

CUSTOMER DETAILS

Name | Contact
Address | Phone
Customer No | Mobile
Cust. Seg. Code | Email

APPLICATION DESCRIPTION

Equipment:
Component:
Problem (if any):
Current Seal:

System Type	Product	Motion	Pressure
Rod	Seal	Static	Unidirectional
Piston	Wiper	Reciprocating	Bi-directional
System (rod+piston)	Bearing	Rotary	Pulsating
Shaft	Other	Oscillatory	Without Pressure
Face			

New Design

Demand/Year: | Price: | @ | Pcs.
Quote Qty: | Target | @ | Pcs.

OPERATING CONDITIONS

Media to Seal:
Other Media:
Contamination:

	Units	Minimum	Operating	Maximum
Temperature				
Pressure				
Vacuum				
Stroke				
Cycle-Rate				
Angle of Rotation				
RPM				
Velocity				
Side Load				

PERFORMANCE PRIORITY

Most critical:

	Units	Value		Units	Planning Test? Breakout	Yes / No Dynamic
Expected Life:			Friction:			
Max Leakage:			Torque:			

HARDWARE

	Units Nominal	Inch Tolerance	Metric Tolerance	Change
Rod Diameter:				☐
Bore Diameter:				☐
Rod Bore:				☐
Piston Diameter:				☐
Gland/Groove Width:				☐
Gland Depth:				☐
Groove Diameter:				☐
Extrusion Gap:				☐
Runout (TIR):				☐
Step Height:				☐
Bearing length:				☐

Type | Split | Open | Solid | Stepped | Recommend
Material | Finish | Hardness | Coating/Treatment

Notes:

Solution Proposed to Customer by TTIPL:

MIL-G-5514 Dash: | AS 4716 Dash: | B/U Width:

Required: Installation Dwg | Inspection Dwg | Quote
Other

Prototype Qty:
Production Qty:
Date Proto's

Further details on additional page(s):

SPECIFICATIONS :	QUALITY CHARACTERISTICS:	ENCLOSURES:	ADDITIONAL INFORMATION:

Technical Proposal Request

Prepared By:		Application Engr:			
Date Prepared:		Sales Engr:		TTIPL TPR	
Answers Required By:		Inside Sales:		Cust.	

SPECIFICATIONS

Automatic installation? Explain details	No	Yes	Spec.	
Existin g Customer spec?	No	Yes	Ref.	
Existing Customer product drawing?	No	Yes	Ref.	
Existing Customer material spec?	No	Yes	Ref.	

Other requirements if any :

QUALITY CHARACTERISTICS

Inspection level

According to TTIPL Specification:

Special Request:

(e.g. for O Ring, AQL1.0 for surface defects acc. ISO 3601/3 grade N)

Existing inspection plan, if any?	No	Yes	Ref.	
Certificate required? If yes, specify	No	Yes	Ref.	
Additional Quality guidelines?	No	Yes	Ref.	

ENCLOSURES

	Pages – specifications		Samples
	Drawings		Others

ADDITIONAL INFORMATION

Referring to:

Service Performance (friction, leakage, shelf life, ext/int pollution, etc.):

Use (frequency, cycles, exposure time, etc.)

Logistic / Packaging (any special packaging requirements?):

Sketch/Drawing:



Triada Sealing Guide

Version 2.1

#Sealingexcellence

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