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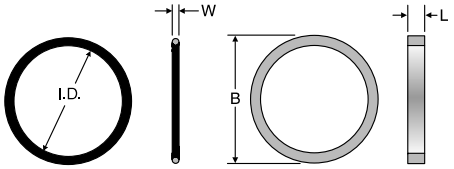
FAQs

BSPP O-Ring & Retaining Ring

For ISO 1179-1 / DIN 3852-2 Port



Specify size and compound (for O-ring only)
Example: 2-113 NBR (standard NBR O-ring)
8207-3/8 RETAINING RING (standard steel retaining ring)

TUBE FITTING PART #	BSPP THREAD SIZE	I.D. (mm)	W (mm)	Material NBR*	Material FKM**	STEEL TUBE FITTING PART #	STAINLESS STEEL TUBE FITTING PART #	B (mm)	L (mm)
5-585	1/8-28	8	2	•	•	**8207-1/8**	**1/8 Retaining Ring**	15.0	1.4
2-111	1/4-19	10.77	2.62	•	•	**8207-1/4**	**1/4 Retaining Ring**	19.5	1.9
2-113	3/8-19	13.94	2.62	•	•	**8207-3/8**	**3/8 Retaining Ring**	23.5	1.9
5-256	1/2-14	17.96	2.62	•	•	**8207-1/2**	**1/2 Retaining Ring**	28.5	1.9
2-119	3/4-14	23.47	2.62	•	•	**8207-3/4**	**3/4 Retaining Ring**	34.5	2.6
2-217	1-11	29.74	3.53	•	•	**8207-1**	**1 Retaining Ring**	43.5	2.6
2-222	1 1/4-11	37.69	3.53	•		**8207-1-1/4**	**1 1/4 Retaining Ring**	52.5	2.6
2-224	1 1/2-11	44.04	3.53	•		**8207-1-1/2**	**1 1/2 Retaining Ring**	60.0	2.6

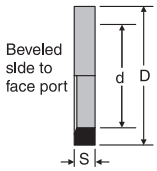
* NBR is the standard compound — 90-durometer Nitrile.

** FKM is an optional 90-durometer fluorocarbon compound.

See page M3 for O-ring Material Selection and data.

EOlastic Seal Ring

EOlastic Soft Seal for
BSPP & Metric Threads ("ED Seal")
DIN 3869



Specify size and compound
(for optional compound only)
Example: ED8X1X (standard NBR)
ED8X1VITX (optional FKM)

TUBE FITTING PART #	For Male Metric Thread	For Male Thread BSPP	D (mm)	d (mm)	S (mm)	Material NBR*	Material FKM**
ED8X1X	M8 x 1		9.9	6.5	1.0	•	•
ED10X1X	M10 x 1	G 1/8 A	11.9	8.4	1.0	•	•
ED12X1.5X	M12 x 1.5		14.4	9.8	1.5	•	•
ED14X1.5X	M14 x 1.5	G 1/4 A	16.5	11.6	1.5	•	•
ED16X1.5X	M16 x 1.5		18.9	13.8	1.5	•	•
ED3/8X		G 3/8 A	18.9	14.7	1.5	•	•
ED18X1.5X	M18 x 1.5		20.9	15.7	1.5	•	•
ED20X1.5X	M20 x 1.5		22.9	17.8	1.5	•	•
ED1/2X		G 1/2 A	23.9	18.5	1.5	•	•
ED22X1.5X	M22 x 1.5		24.3	19.6	1.5	•	•
ED26X1.5X	M26 x 1.5	G 3/4 A	29.2	23.9	1.5	•	•
ED26X1.5X	M27 x 2	G 3/4 A	29.2	23.9	1.5	•	•
ED33X2X	M33 x 2	G 1 A	35.7	29.7	2.0	•	•
ED42X2X	M42 x 2	G 1 1/4 A	45.8	38.8	2.0	•	•
ED48X2X	M48 x 2	G 1 1/2 A	50.7	44.7	2.0	•	•

* NBR is the standard compound — 90-durometer Nitrile.

** FKM is an optional 85-durometer fluorocarbon compound (for part number VIT is used as suffix). Example: ED8X1VITX

Dimensions for reference only, subject to change.

Parker Hannifin Corporation
Tube Fittings Division
Columbus, Ohio
http://www.parker.com/tfd