

Flanges & Fittings - ISO Retaining Rings, Bolts & Replacement Rings



SPECIFICATIONS

General: Optional fastener or nonrotatable flanges with clearance bolt holes

Nominal OD sizes: ISO-63 to ISO-500

Tube OD sizes: 2 1/2 to 20 inches

Materials

Bolt Ring: Aluminum

Retainer Rings: Stainless Steel or Nickel Plated Steel

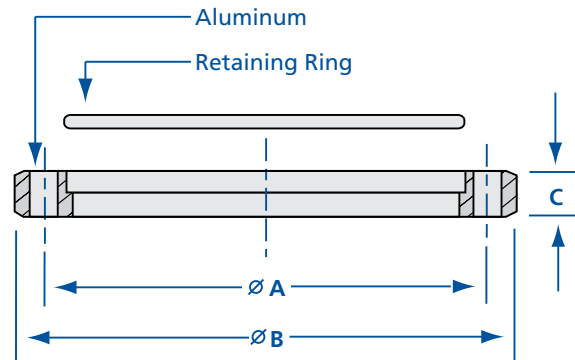
O-rings: Viton, Buna

Bolts: 18-8 stainless steel

Vacuum range

Elastomer seal: $\geq 1 \times 10^{-8}$ Torr - High vacuum

EVAC metal seal: $\geq 1 \times 10^{-11}$ Torr - UHV



ISO Rotatable Bolt Ring and Retainer Ring

MODEL NUMBER	FLANGE SIZE	A	B	C
ISO-63-BR	ISO-63	4.331	5.118	0.472
ISO-80-BR	ISO-80	4.921	5.709	0.472
ISO-100-BR	ISO-100	5.709	6.496	0.472
ISO-160-BR	ISO-160	7.874	8.858	0.630
ISO-200-BR	ISO-200	10.236	11.220	0.630
ISO-250-BR	ISO-250	12.205	13.189	0.630
ISO-320-BR	ISO-320	15.551	16.732	0.787
ISO-400-BR	ISO-400	18.898	20.079	0.787
ISO-500-BR	ISO-500	22.835	24.016	0.787

Replacement Retainer Ring

MODEL NUMBER

ISO-63-RR

ISO-80-RR

ISO-100-RR

ISO-160-RR

ISO-200-RR

ISO-250-RR

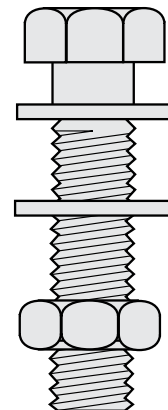
ISO-320-RR

ISO-400-RR

ISO-500-RR

ISO Bolt Kits

MODEL NUMBER	DESCRIPTION
B-ISO-63	(4) SS bolts, nuts & washers, M8 x 40mm
B-ISO-80	(8) SS bolts, nuts & washers, M8 x 40mm
B-ISO-100	(8) SS bolts, nuts & washers, M8 x 40mm
B-ISO-160	(8) SS bolts, nuts & washers, M10 x 50mm
B-ISO-200	(12) SS bolts, nuts & washers, M10 x 50mm
B-ISO-250	(12) SS bolts, nuts & washers, M10 x 50mm
B-ISO-320	(12) SS bolts, nuts & washers, M12 x 60mm
B-ISO-400	(16) SS bolts, nuts & washers, M12 x 60mm
B-ISO-500	(16) SS bolts, nuts & washers, M12 x 60mm



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