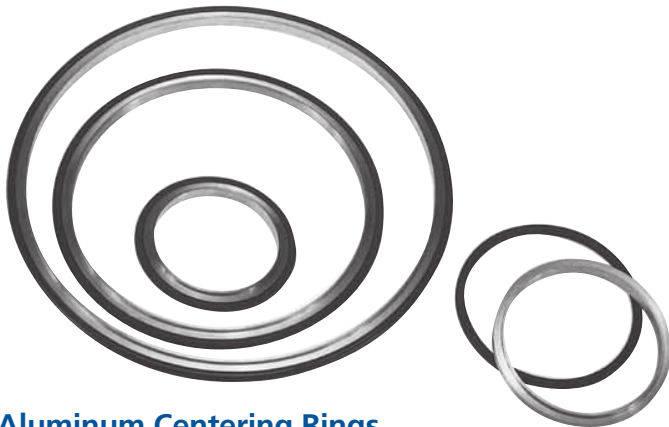


Flanges & Fittings - ISO Centering Rings



ISO Aluminum Centering Rings with O-ring and Aluminum Spacer Ring

MODEL NUMBER	DIAGRAM	O-RING MATERIAL	A	B
ISO-63-CR-AV*	A	Viton	2.63	2.74
ISO-63-CR-AB*	A	Buna	2.63	2.74
ISO-80-CR-AV	A	Viton	3.14	3.25
ISO-80-CR-AB	A	Buna	3.14	3.25
ISO-100-CR-AV	A	Viton	3.89	4.00
ISO-100-CR-AB	A	Buna	3.89	4.00
ISO-160-CR-AV	A	Viton	5.90	6.01
ISO-160-CR-AB	A	Buna	5.90	6.01
ISO-200-CR-AV	A	Viton	8.26	8.37
ISO-200-CR-AB	A	Buna	8.26	8.37
ISO-250-CR-AV	A	Viton	10.14	10.25
ISO-250-CR-AB	A	Buna	10.14	10.25
ISO-320-CR-AV	B	Viton	12.32	12.51
ISO-320-CR-AB	B	Buna	12.32	12.51
ISO-400-CR-AV	B	Viton	15.55	15.75
ISO-400-CR-AB	B	Buna	15.55	15.75
ISO-500-CR-AV	B	Viton	19.53	19.72
ISO-500-CR-AB	B	Buna	19.53	19.72

*Machined centering ring.

ISO Stainless Steel Centering Rings with O-Ring and Aluminum Spacer Ring

MODEL NUMBER	DIAGRAM	O-RING MATERIAL	A	B
ISO-63-CR-SV	A	Viton	2.63	2.74
ISO-80-CR-SV	A	Viton	3.14	3.25
ISO-100-CR-SV	A	Viton	3.89	4.00
ISO-160-CR-SV	A	Viton	5.90	6.01
ISO-200-CR-SV	A	Viton	8.26	8.37
ISO-250-CR-SV	A	Viton	10.14	10.25
ISO-320-CR-SV	B	Viton	12.36	12.52
ISO-400-CR-SV	B	Viton	15.55	15.75

ISO 316L Stainless Steel Centering Rings with O-Ring and Aluminum Spacer Ring

MODEL NUMBER	O-RING MATERIAL	A	B
ISO-63-CR-SV-316L	Viton	2.63	2.74
ISO-80-CR-SV-316L	Viton	3.14	3.25
ISO-100-CR-SV-316L	Viton	3.89	4.00

SPECIFICATIONS

Tube OD sizes: 2 1/2 to 20 inches

Materials:

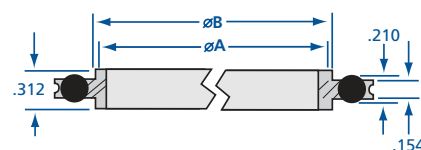
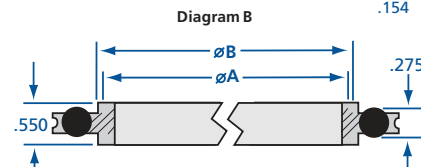
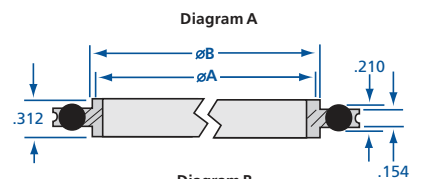
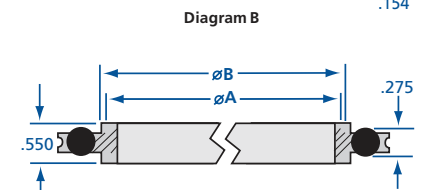
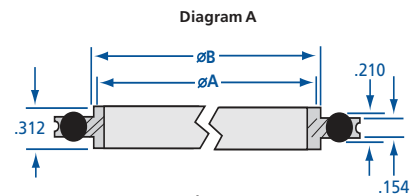
Centering Rings: Stainless Steel or Aluminum

Spacer Ring: Aluminum

O-ring: Viton, Buna,, and silicone (other ompounds available by request)

Vacuum range

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



Flanges & Fittings - ISO Stainless Steel & Screened Centering Rings with o-ring & spacer



SPECIFICATIONS

Tube OD sizes: 2 1/2 to 20

Materials:

Centering Rings: Stainless Steel or Aluminum

Spacer Ring: Aluminum

O-ring: Viton, Buna, and silicone (other compounds available by request)

Screen: stainless steel 16x16, 72x72 available

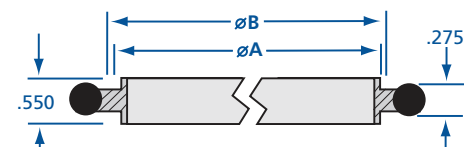
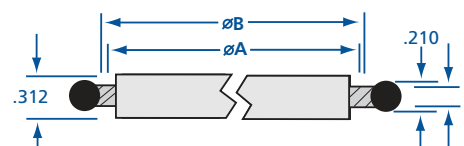
Vacuum range

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

ISO Stainless Steel Centering Rings with O-ring

MODEL NUMBER	DIAGRAM	O-RING MATERIAL	A	B
ISO-63-CR	A	Viton	2.63	2.74
ISO-80-CR	A	Viton	3.14	3.25
ISO-100-CR	A	Viton	3.89	4.00
ISO-160-CR	A	Viton	5.90	6.01
ISO-200-CR	A	Viton	8.26	8.37
ISO-250-CR	A	Viton	10.14	10.25
ISO-320-CR	B	Viton	12.32	12.52
ISO-400-CR	B	Viton	15.55	15.74

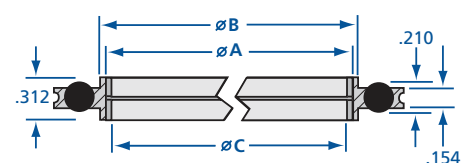
See below for replacement O-rings.



ISO Screened Stainless Steel Centering Rings with O-ring and Aluminum Spacer Ring

MODEL NUMBER	O-RING MATERIAL	A	B	C	MESH (sq. in.)
ISO-63-CR-SV-16	Viton	2.63	2.74	2.38	16
ISO-80-CR-SV-16	Viton	3.14	3.25	2.87	16
ISO-100-CR-SV-16	Viton	3.89	4.00	3.50	16
ISO-160-CR-SV-16	Viton	5.90	6.01	5.50	16

Includes O-ring. See below for replacement O-rings.



Viton O-Rings

MODEL NUMBER	FLANGE TYPE
ISO-63-OR-V	ISO-63
ISO-80-OR-V	ISO-80
ISO-100-OR-V	ISO-100
ISO-160-OR-V	ISO-160
ISO-200-OR-V	ISO-200
ISO-250-OR-V	ISO-250
ISO-320-OR-V	ISO-320
ISO-400-OR-V	ISO-400
ISO-500-OR-V	ISO-500

Buna O-Rings

MODEL NUMBER	FLANGE TYPE
ISO-63-OR-B	ISO-63
ISO-80-OR-B	ISO-80
ISO-100-OR-B	ISO-100
ISO-160-OR-B	ISO-160
ISO-200-OR-B	ISO-200
ISO-250-OR-B	ISO-250
ISO-320-OR-B	ISO-320
ISO-400-OR-B	ISO-400
ISO-500-OR-B	ISO-500

REV 6/16

