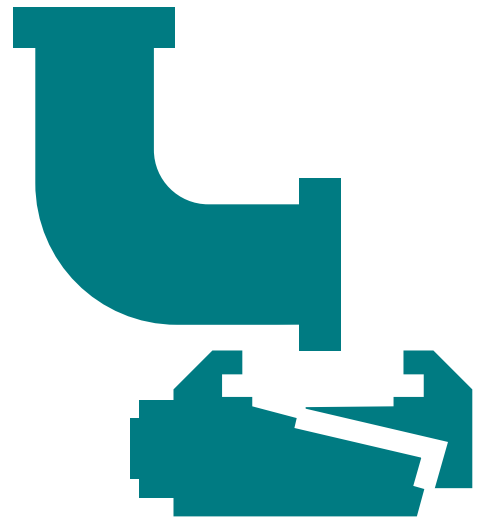




VACUUM ISO COMPONENTS

- Adaptors.....€ 11

There are four different configurations to fit together ISO flanges.

Figure 1 illustrates the double claw-clamp assembly which is the most commonly used configuration.

Figure 2 shows the wall clamp assembly where a claw-clamp flange is mounted to a rotatable bolt ring. This assembly combines the claw-clamp flange and bolt flanges with nuts and bolts. The rotatable bolt ring and fixed bolted assembly is shown in figure 3. The rotatable bolt ring consists of a rotatable outer ring and a split retainer ring to hold the claw-clamp in place. Finally configuration 4 shows a bolted fixed flange and a tapped flange, or chamber wall for example.

All four configurations use an O-ring seal held in place by a centering ring. This is effective down to 10^{-7} mbar. With Viton O-ring assemblies bakeable to 200°C (sustained 150°C).

The ISO range of flanges and fittings are manufactured from high quality 316L (1.4404) Stainless Steel*.

All given dimensions are nominal in mm.

*304L (1.4306) available on request.



Figure 1



Figure 2



Figure 3

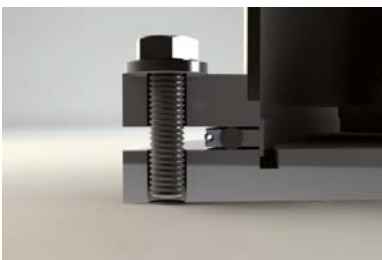
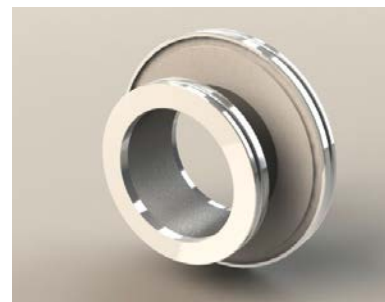
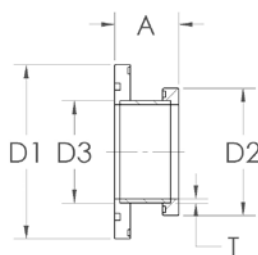


Figure 4

Adaptors

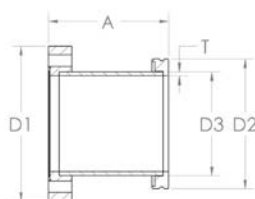
ISO K REDUCING ADAPTOR - STAINLESS STEEL

P/N	DN	A	D1	D2	D3	T
ISO80R63	63/80	50	110	95	76	3.0
ISO100R63	63/100	50	130	95	76	3.0
ISO160R63	63/160	50	180	95	76	3.0
ISO200R63	63/200	90	240	95	76	3.0
ISO100R80	80/100	50	130	110	89	5.5
ISO160R80	80/160	50	180	110	89	5.5
ISO160R100	100/160	50	180	130	108	3.0
ISO200R100	100/200	90	240	130	108	3.0
ISO200R160	160/200	90	240	180	159	3.0
ISO250R160	160/250	90	290	180	159	3.0
ISO250R200	200/250	90	290	240	219	3.0



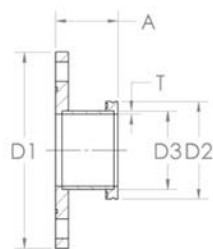
ISO K TO CF ADAPTOR - STAINLESS STEEL

P/N	DN ISO K/CF	A	D1	D2	D3	T
SA6363	63/63	90	114	95	76	3.0
SA1063	63/100	90	152	95	76	3.0
SA1010	100/100	90	152	130	108	3.0
SA1016	160/100	90	152	180	159	3.0
SA1510	100/150	90	203	130	105	3.0
SA1516	160/150	90	203	180	159	3.0



ISO K TO ASA ADAPTOR - STAINLESS STEEL

P/N	DN	A	D1	D2	D3	T
ISA632G	63/ASA2"	106	152	95	76	3.0
ISA802G	80/ASA2"	106	152	110	89	5.5
ISA1002G	100/ASA2"	106	152	130	108	3.0
ISA633G	63/ASA3"	106	190	95	76	3.0
ISA803G	80/ASA3"	106	190	110	89	5.5
ISA1003G	100/ASA3"	106	190	130	108	3.0



Without O-ring groove

P/N	DN	A	D1	D2	D3	T
ISA632	63/ASA2"	106	152	95	76	3.0
ISA802	80/ASA2"	106	152	110	89	5.5
ISA1002	100/ASA2"	106	152	130	108	3.0
ISA633	63/ASA3"	106	190	95	76	3.0
ISA803	80/ASA3"	106	190	110	89	5.5
ISA1003	100/ASA3"	106	190	130	108	3.0



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