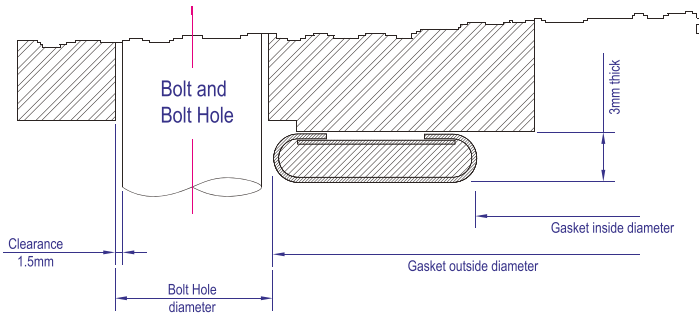


Metal Jacketed Gaskets



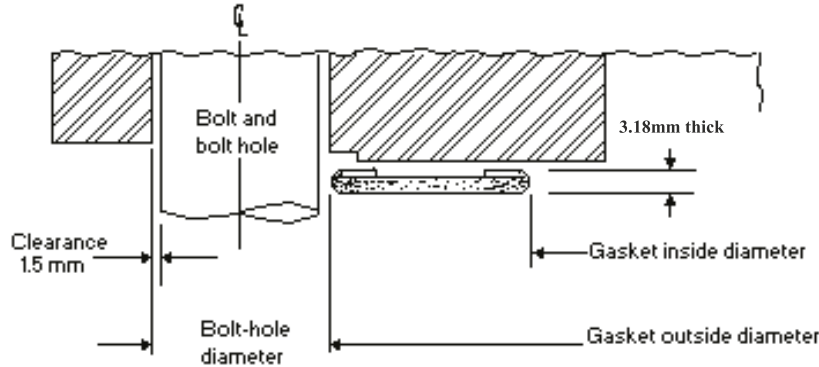
Filler Material

Metal Jacket

TYPE	PRODUCT	CHARACTERISTICS
ODJ1		The most popular style for heat exchangers, the double-jacket offers complete protection of the filler material. There is practically no diameter limitation, with greater compressibility and resilience than a similar solid metal gasket. This gasket provides even support by the use of the overlapped jacket on the inside and outside diameters. Also, the outside lap helps to prevent excessive distortion of light weight flanges. The most common filler used is graphite. A wide range of metal and filler material is available if dictated by temperature, pressure, or corrosive conditions.
ODJ2		The corrugated style has increased resilience with the benefit of a number of seal points. If a small leakage occurs across the inside edge, the corrugations act as separate seals under moderate and even bolt loads
ODJ3		This gasket employs a metal filler rather than graphite or other soft material. The result is greater resistance to problems resulting from temperature changes. The range of temperature is limited only by the metal selected.
ODJ4		This gasket is generally used for applications where narrow width is required. The single jacket gasket with a soft filler protects both edges of the filler material. It is an economical answer to many gasket needs. Single jacketed gaskets are available with corrugated metal fillers.
ODJ5		Affording the advantages of the standard double jacketed gasket, the doubles shell style allows greater strength and rigidity by the addition of a completely overlapping inner shell. This gasket has a minimum flange width of 1/4", and can be produced in almost any diameter. As with other heat exchanger gaskets, there is a greater variety of available metals and filler materials.
ODJ6		A Gasket with completely enclosed filler offering more filler protection than the standard single gasket. Especially useful for applications requiring small flange widths (to 1/8"). Certain sizes may requires tooling to produce.
ODJ7		The two piece French Style gasket is more readily available and easier to produce than the one-piece French style which requires expensive tooling. The soft filler is exposed on the outside diameter and the minimum flange width is 1/4". Size of diameter is practically unlimited.
ODJ8		This Gasket combines advantages of metal shielding on the I.D. with a thick, compressible layer of soft gasket material on either side of the metal. Metal thickness is 26 gauge, tack welded together and then rolled over on the ID, acting as a shield. The layers of soft gasket materials are available in various

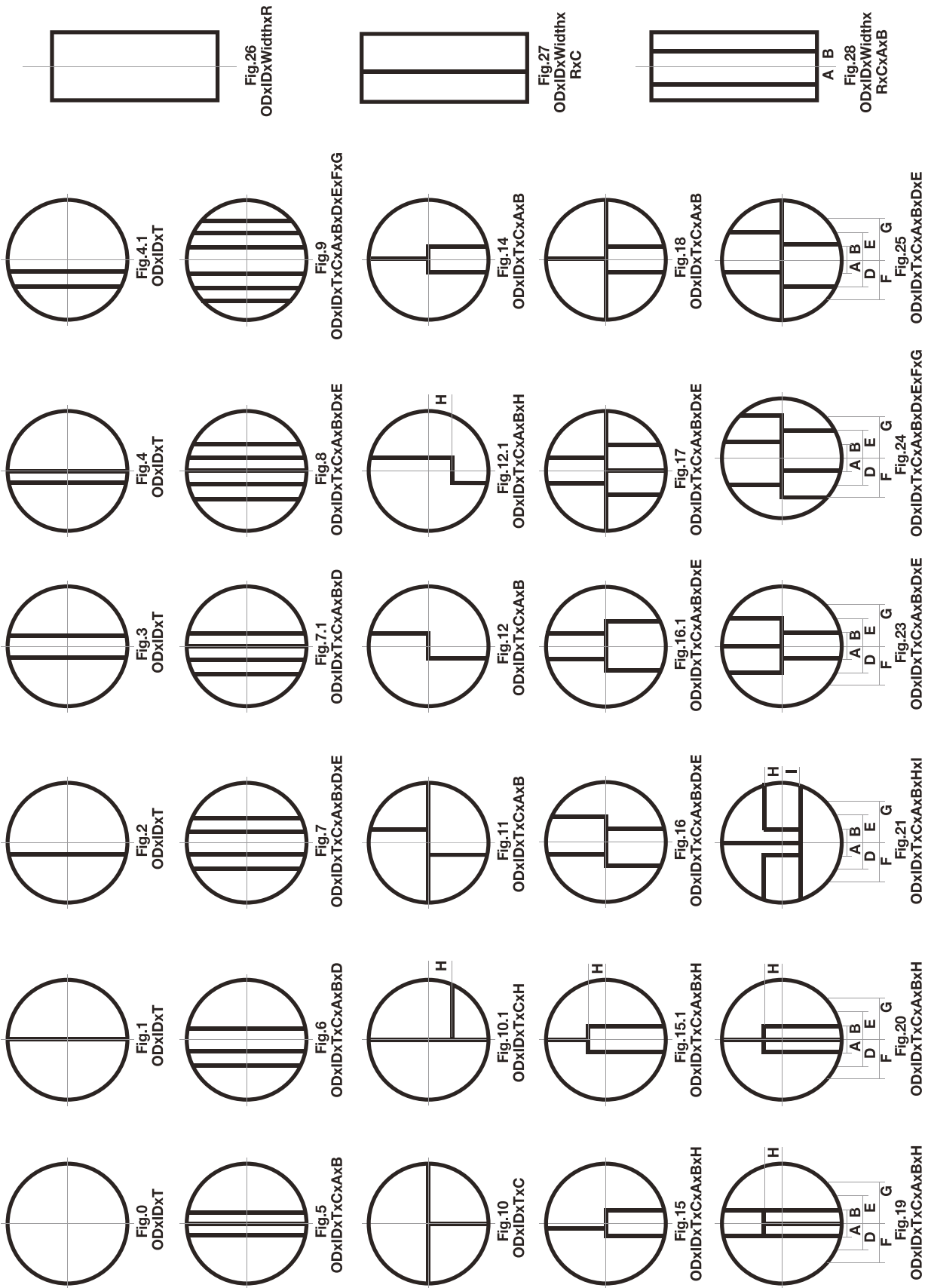
Metal Jacketed Gaskets

DIMENSIONS FOR JACKETED GASKETS USE WITH ASME/ ANSI B16.5 FLANGES



Flange Size (NPS)		Gasket Inside Diameter	GASKET OUTSIDE DIAMETER BY CLASS						
INCH	MM		150	300	400	600	900	1500	2500
1/2	15	22.4	44.5	50.8	50.8	50.8	60.5	60.5	66.8
3/4	20	28.7	54.1	63.5	63.5	63.5	66.8	66.8	73.2
1	25	38.1	63.5	69.9	69.9	69.9	76.2	76.2	82.6
1 1/4	32	47.8	73.2	79.5	79.5	79.5	85.9	85.9	101.6
1 1/2	40	54.1	82.6	92.2	92.2	92.2	95.3	95.3	114.3
2	50	73.2	101.6	108.0	108.0	108.0	139.7	139.7	143.0
2 1/2	65	85.9	120.7	127.0	127.0	127.0	162.1	162.1	165.1
3	80	108.0	133.4	146.1	146.1	146.1	165.1	171.5	193.8
4	100	131.8	171.5	177.8	174.8	190.5	203.2	206.5	231.9
5	125	152.4	193.8	212.9	209.6	238.3	244.6	251.0	276.4
6	150	190.5	219.2	247.7	244.6	263.7	285.8	279.4	314.5
8	200	238.3	276.4	304.8	301.8	317.5	355.6	349.3	384.3
10	250	285.8	336.6	358.9	355.6	397.0	431.8	431.8	473.2
12	300	342.9	406.4	419.1	416.1	454.2	495.3	517.7	546.1
14	350	374.7	447.8	482.6	479.6	489.0	517.7	574.8	—
16	400	425.5	511.3	536.7	533.4	562.1	571.5	638.3	—
18	450	489.0	546.1	593.9	590.6	609.6	635.0	701.8	—
20	500	533.4	603.3	651.0	644.7	679.5	695.5	752.6	—
24	600	641.4	714.5	771.7	765.3	787.4	835.2	898.7	—

Gasket Standard Shapes



Note: OD (Outer Dia) , ID (Inner Dia) , T (Thickness) , C (Bar Width) , A,B,D,E,F,G (Distance from Center) , H (Offset from Center) , R (Radius at corners)