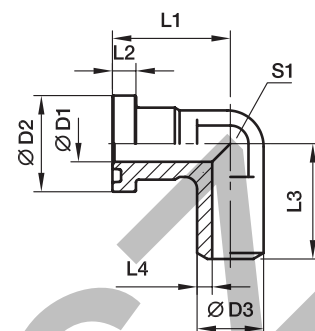



WAS SAE 90° Elbow flange adapter

SAE Flange / Butt weld tube end
(ISO 6162-1/-2)

**3000 PSI Series**

Nom. flange size			max.	D1	D2	D3	L1	L2	L3	L4	S1	Weight (steel) kg/piece	Order code*	PN (bar) ¹⁾	
SAE (in.)	ISO (DN)													S	SS
1/2	13		21.3	13	30.2	21.6	44	6.7	50	4.3	22	0.22	WAS32/21.6	345	345
3/4	19		26.9	19	38.1	27.2	53	6.7	64	4.1	27	0.35	WAS33/27.2	345	345
1	25		33.7	25	44.4	34.5	60	8.0	65	4.7	34	0.52	WAS34/34.5	345	345
1 1/4	32		42.4	30	50.8	42.8	55	8.0	64	6.4	42	0.78	WAS35/42.8	276	276
1 1/2	38		48.3	38	60.3	48.6	66	8.0	78	5.3	50	1.04	WAS36/48.6	207	207

6000 PSI Series

1/2	13		21.3	13	31.8	21.6	44	7.7	50	4.3	22	0.35	WAS62/21.6	420	420
3/4	19		26.9	18	41.3	27.2	53	8.7	64	4.6	27	0.41	WAS63/27.2	420	420
1	25		33.7	22	47.6	34.5	60	9.5	62	6.3	34	0.64	WAS64/34.5	420	420
1 1/4	32		42.4	28	54.0	42.8	70	10.3	72	7.4	42	1.05	WAS65/42.8	420	420
1 1/2	38		48.3	32	63.5	48.6	80	12.5	84	8.3	50	1.58	WAS66/48.6	420	420

¹⁾Pressure shown = Item deliverable

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

The pressures given here are the maximum allowable for the flange fittings. If the pipe or tube used has a lower pressure rating, then the welded assembly rating will be the lower one, assuming the weld is adequately strong.

See pages N16 - N20 for related flanges or flange halves depending on bolt sets.

Stainless steel parts may have dimensional deviations. Additional information on request.

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes					
Material	Suffix surface and material	Example only flange adapter	Example incl. splitflanges, metr. bolt and O-ring	Example incl. splitflanges, UNC bolt and O-ring	Standard sealing material (no additional suffix needed)
Steel, oil dipped	S	WAS32/21.6S	WAS32/21.6SM	WAS32/21.6SU	NBR
Stainless steel	SS	WAS32/21.6SS	WAS32/21.6SSM	–	VIT