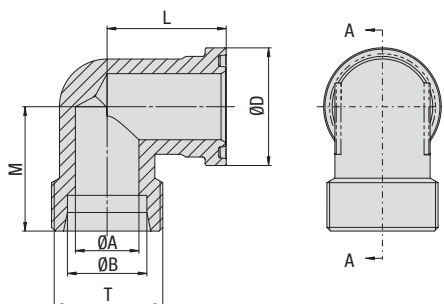


SAE 90° Flange Adaptor with Male Metric Thread and 24° Conical Bore (acc. to ISO 8434-1) Type CAG90-L/S • 6000 PSI Series



B

6000 PSI High Pressure Series (according to ISO 6162-2:2012)

Nominal Size		PN ¹ (bar/PSI)	Dimensions (mm/in)						Weight (kg/lbs) ca. per 100	Ordering Codes
DN	(in)	10.9	ØA	ØB		ØD	L	M	T (Metric)	
13	1/2	420	12	16	S	31,8	39	37,9	24x1,5	18,9
		6090	.47	.63		1.25	1.54	1.49		41.58
19	3/4	420	12	16	S	41,3	48	45	24x1,5	42,3
		6090	.47	.63		1.63	1.89	1.77		93.06
19	3/4	400	16	20	S	41,3	48	46	30x2	43,0
		5800	.63	.79		1.63	1.89	1.81		94.60
19	3/4	400	17	25	S	41,3	48	48	36x2	43,6
		5800	.67	.98		1.63	1.89	1.89		95.92
25	1	400	20	25	S	47,6	60	53	36x2	73,4
		5800	.79	.98		1.87	2.36	2.09		161.48
25	1	400	24	30	S	47,6	60	55	42x2	63,2
		5800	.94	1.18		1.87	2.36	2.17		139.04
32	1-1/4	400	25	30	S	54	68	58	42x2	89,3
		5800	.98	1.18		2.13	2.68	2.28		196.46
32	1-1/4	400	30	38	S	54	68	61	52x2	88,7
		5800	1.18	1.50		2.13	2.68	2.40		195.14
38	1-1/2	400	25	30	S	63,5	76	72	42x2	177,2
		5800	.98	1.18		2.50	2.99	2.83		389.84
38	1-1/2	400	30	38	S	63,5	76	72	52x2	147,1
		5800	1.18	1.50		2.50	2.99	2.83		323.62

Please see Page 89 for separate Bolt Sets and Sealings.

¹ The maximum working pressure PN (bar/PSI) applies only to the flange itself and depends on the bolts used (Grade 10.9). The actual maximum working pressure depends on the thickness and the quality of the tube used.

² According to ISO 6162-2 bolts M12 should be used but because usually bolts M14 are used the description of the complete part must show M14 (e.g. CAG90-604-30S-M14-W130-K).

Materials / Ordering Options / Examples

- * SAE Flange Adaptor (without O-ring) made of Steel S355J2 or equivalent, zinc-plated and thick-film-passivated CAG90-...-W66
- * SAE Flange Adaptor (without O-ring) made of Steel S355J2 / C45 or equivalent, zinc/nickel-plated (on request) CAG90-...-W3
- * SAE Flange Adaptor (without O-ring) made of Stainless Steel V4A – 1.4404 (on request) CAG90-...-W5
- * Kit with DB including Metric bolts 10.9, spring rings, O-ring made of NBR (Buna-N®) CAG90-...-W130-K
- * Kit with DB including Metric bolts 10.9, spring rings, O-ring made of FKM (Viton®) CAG90-...-V-W130-K
- * Kit with DB including UNC bolts (Grade 8), spring rings, O-ring made of NBR (Buna-N®) CAG90-...-U-W130-K

Please always indicate ØB and Series.