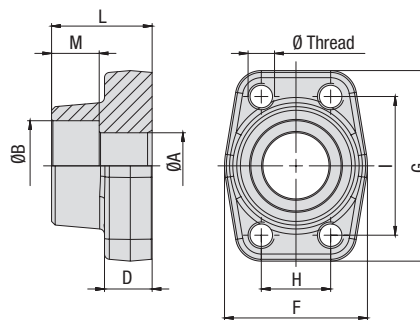


SAE Single-Part Socket-Weld Counterflange Type BAS-ES • 3000 PSI Series



3000 PSI Standard Pressure Series (based on ISO 6162-1:2012)

Nominal Size	PN ¹ (bar/PSI)	Dimensions (mm/in)											Weight (kg/lbs) Ca. per 100	Ø Thread		Ordering Codes
DN	(in)	10.9	ØA	ØB	D	F	G	H	I	L	M			Metric ³	UNC	
13	1/2	350	13	21,6	16	47	57	17,5	38,1	36	18	29,4	M8	5/16-18 UNC		BAS-301-ES-21.6/13-W1
		5075	.51	.85	.63	1.85	2.24	.69	1.50	1.42	.71	64.68				
13	1/2	350	13	17,5	16	47	57	17,5	38,1	36	18	30,3	M8	5/16-18 UNC		BAS-301-ES-17.5/13-W1
		5075	.51	.69	.63	1.85	2.24	.69	1.50	1.42	.71	66.66				
13	1/2	350	13	20,3	16	47	57	17,5	38,1	36	18	30,2	M8	5/16-18 UNC		BAS-301-ES-20.3/13-W1
		5075	.51	.80	.63	1.85	2.24	.69	1.50	1.42	.71	66.44				
19	3/4	350	19	27,2	18	50	67	22,3	47,6	36	18	40,1	M10	3/8-16 UNC		BAS-302-ES-27.2/19-W1
		5075	.75	1.07	.71	1.97	2.64	.88	1.87	1.42	.71	88.22				
19	3/4	350	19	25,3	18	50	67	22,3	47,6	36	18	41,9	M10	3/8-16 UNC		BAS-302-ES-25.3/19-W1
		5075	.75	1.00	.71	1.97	2.64	.88	1.87	1.42	.71	92.18				
25	1	345	25	34	18	54	72	26,2	52,4	38	18	46,4	M10	3/8-16 UNC		BAS-303-ES-34/25-W1
		5003	.98	1.34	.71	2.13	2.83	1.03	2.06	1.50	.71	102.08				
25	1	345	25	30,3	18	54	72	26,2	52,4	38	18	50,0	M10	3/8-16 UNC		BAS-303-ES-30.3/25-W1
		5003	.98	1.19	.71	2.13	2.83	1.03	2.06	1.50	.71	110.00				
32	1-1/4	280	32	42,8	21	68	82	30,2	58,7	41	20	68,0	M10 (M12)	7/16-14 UNC		BAS-304-ES-42.8/32-W1
		4061	1.26	1.69	.83	2.68	3.23	1.19	2.31	1.61	.79	149.60				
32	1-1/4	280	32	38,3	21	68	82	30,2	58,7	41	20	72,0	M10 (M12)	7/16-14 UNC		BAS-304-ES-38.3/32-W1
		4061	1.26	1.51	.83	2.68	3.23	1.19	2.31	1.61	.79	158.40				
38	1-1/2	210	38	48,6	25	79	96	35,7	69,9	44	22	107,3	M12 (M14)	1/2-13 UNC		BAS-305-ES-48.6/38-W1
		3045	1.50	1.91	.98	3.11	3.78	1.41	2.75	1.73	.87	236.06				
38	1-1/2	210	38	50,5	25	79	96	35,7	69,9	44	22	105,7	M12 (M14)	1/2-13 UNC		BAS-305-ES-50.5/38-W1
		3045	1.50	1.99	.98	3.11	3.78	1.41	2.75	1.73	.87	232.54				
51	2	210	51	61	25,5	88	102	42,9	77,8	45	24	126,0	M12 (M14)	1/2-13 UNC		BAS-306-ES-61/51-W1
		3045	2.01	2.40	1.00	3.46	4.02	1.69	3.06	1.77	.94	277.20				
64	2-1/2	175	63	76,6	26	101	115	50,8	88,9	50	28	145,0	M12 (M14)	1/2-13 UNC		BAS-307-ES-76.6/63-W1
		2538	2.48	3.02	1.02	3.98	4.53	2.00	3.50	1.97	1.10	319.00				
76	3	100	73	90,5	27,5	127	137	61,9	106,4	50	28	217,7	M16	5/8-11 UNC		BAS-308-ES-90.5/73-W1
		1450	2.87	3.56	1.08	5.00	5.39	2.44	4.19	1.97	1.10	478.94				
89	3-1/2	35	89	103	27,5	138	155	69,9	120,7	50	30	263,8	M16	5/8-11 UNC		BAS-309-ES-103/89-W1
		508	3.50	4.06	1.08	5.43	6.10	2.75	4.75	1.97	1.18	580.36				
102	4	35	99	115,5	27,5	147	163	77,8	130,2	50	30	295,1	M16	5/8-11 UNC		BAS-310-ES-115.5/99-W1
		508	3.90	4.55	1.08	5.79	6.42	3.06	5.13	1.97	1.18	649.22				
127	5	35	120	142	28	180	184	92,1	152,4	50	30	390,6	M16	5/8-11 UNC		BAS-311-ES-142/120-W1
		508	4.72	5.59	1.10	7.09	7.24	3.63	6.00	1.97	1.18	859.32				

Materials / Ordering Options / Examples

* SAE Single-Part Counterflange made of Steel S355J2 or equivalent, blank (oiled)
with Metric tapped holes

BAS-...-ES--**-W1**

* SAE Single-Part Counterflange made of Stainless Steel V4A – 1.4404 (on request)
with Metric tapped holes

BAS-...-ES--**-W5**

* SAE Single-Part Counterflange made of Steel S355J2 or equivalent, blank (oiled)
with size of Metric tapped holes deviating from the standard (e.g. M14)

BAS-...-ES--**-M14-W1**

* SAE Single-Part Counterflange made of Steel S355J2 or equivalent, blank (oiled)
with UNC tapped holes

BAS-...-ES--**-U-W1**

Please always indicate ØB / ØA.

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.

³ Alternative options shown in brackets are available on request.