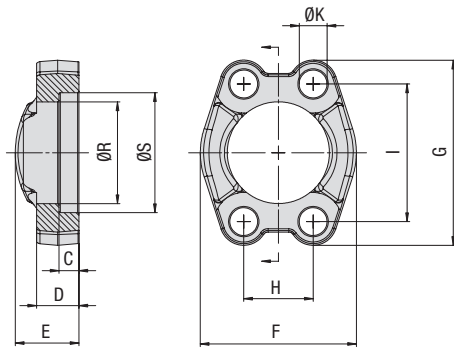




500 bar
7251 PSI

SAE Flange Clamp
Type BM • 6000 PSI Series



A

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

Nominal Size		PN ¹ (^{bar} / _{PSI})	Dimensions (^{mm} / _{in})										Weight (^{kg} / _{lbs}) ca.	for Bolts		Ordering Codes
DN	(in)	10.9	ØR	ØS	C	D	E	F	G	H	I	ØK ²	per 100	Metric	UNC	
13	1/2	500	24,6	32,5	7,2	16	22	48	56,5	18,2	40,5	8,7	17,3	M8x30	5/16–18 UNC x 1-1/4	BM-601-W66
		7251	.97	1.28	.28	.63	.87	1.89	2.22	.72	1.59	.34	38.06			
19	3/4	500	32,5	42	8,2	19	28	60	71	23,8	50,8	10,5	35,0	M10x35	3/8–16 UNC x 1-1/2	BM-602-W66
		7251	1.28	1.65	.32	.75	1.10	2.36	2.80	.94	2.00	.41	77.00			
25	1	500	38,8	48,4	9	24	33	70	81	27,8	57,2	12	57,8	7/16–14 UNC x 1-3/4	BM-603-U-W66	
		7251	1.53	1.91	.35	.94	1.30	2.76	3.19	1.09	2.25	.47	127.16			
25	1	500	38,8	48,4	9	24	33	70	81	27,8	57,2	13	55,7	M12x45	BM-603-M-W66	
		7251	1.53	1.91	.35	.94	1.30	2.76	3.19	1.09	2.25	.51	122.54			
32	1-1/4	500	44,5	54,8	9,8	27	38	78	95	31,8	66,6	13,5	85,0	M12x45	1/2–13 UNC x 1-3/4	BM-604-W66
		7251	1.75	2.16	.39	1.06	1.50	3.07	3.74	1.25	2.62	.53	187.00			
32	1-1/4	500	44,5	54,8	9,8	27	38	78	95	31,8	66,6	15	80,8	M14x45	BM-604-M14-W66	
		7251	1.75	2.16	.39	1.06	1.50	3.07	3.74	1.25	2.62	.59	177.76			
38	1-1/2	500	51,6	64,3	12	30	43	95	113	36,5	79,3	17	139,5	M16x55	5/8–11 UNC x 2-1/4	BM-605-W66
		7251	2.03	2.53	.47	1.18	1.69	3.74	4.45	1.44	3.12	.67	306.90			
51	2	500	67,6	80,2	12	37	52	114	133	44,5	96,8	21	211,0	M20x70	3/4–10 UNC x 2-3/4	BM-606-W66
		7251	2.66	3.16	.47	1.46	2.05	4.49	5.24	1.75	3.81	.83	464.20			

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 Dimensions of screw holes in part different to the ISO to match both Metric and UNC bolts.

Materials / Ordering Options / Examples

- * Flange Clamp made of Steel S355J2 / C45 or equivalent, zinc-plated and thick-film-passivated
- * Flange Clamp made of Steel S355J2 / C45 or equivalent, zinc/nickel-plated (on request)
- * Flange Clamp made of Stainless Steel V4A – 1.4404 (on request)

BM-...-W66
BM-...-W3
BM-...-W5

- * Kit including Metric bolts 10.9, spring rings, O-ring made of NBR (Buna-N®)
- * Kit including Metric bolts 10.9, spring rings, O-ring made of FKM (Viton®)

BM-...-M-B-W129-K
BM-...-M-V-W129-K

- * Kit including UNC bolts (Grade 8), spring rings, O-ring made of NBR (Buna-N®)

BM-...-U-B-W129-K