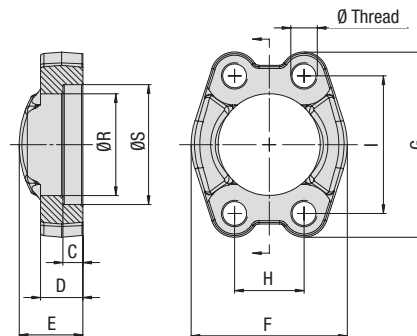


SAE Flange Clamp with Metric Tapped Holes Type BM-G ▪ 3000 / 6000 PSI Series



3000 PSI Standard Pressure Series (according to ISO 6162-1:2012)

Nominal Size	PN ¹ (bar/PSI)	Dimensions (mm/in)										Weight (kg/lbs) ca. per 100	Ø Thread ²	Ordering Codes
DN	(in)	10.9	ØR	ØS	C	D	E	F	G	H	I			
13	1/2	350	24,3	31	6,2	13	19	46	54	17,5	38,1	13,9	M8	BM-G-301-W66
		5075	.96	1.22	.24	.51	.75	1.81	2.13	.69	1.50	30.58		
19	3/4	350	32,2	38,9	6,2	14	22	52	65	22,3	47,6	19,0	M10	BM-G-302-W66
		5075	1.27	1.53	.24	.55	.87	2.05	2.56	.88	1.87	41.80		
25	1	345	38,5	45,3	7,5	16	24	59	70	26,2	52,4	24,4	M10	BM-G-303-W66
		5003	1.52	1.78	.30	.63	.94	2.32	2.76	1.03	2.06	53.68		
32	1-1/4	280	43,7	51,6	7,5	14	22	73	79,5	30,2	58,7	32,1	M10 (M12)	BM-G-304-W66
		4061	1.72	2.03	.30	.55	.87	2.87	3.13	1.19	2.31	70.62		
38	1-1/2	210	50,8	61,1	7,5	16	25	83	94	35,7	69,9	49,0	M12 (M14)	BM-G-305-W66
		3045	2.00	2.41	.30	.63	.98	3.27	3.70	1.41	2.75	107.80		
51	2	210	62,8	72,3	9	16	26	97	102	42,9	77,8	55,5	M12 (M14)	BM-G-306-W66
		3045	2.47	2.85	.35	.63	1.02	3.82	4.02	1.69	3.06	122.10		
64	2-1/2	175	74,9	84,9	9	19	38	109	114,5	50,8	88,9	94,9	M12 (M14)	BM-G-307-W66
		2538	2.95	3.34	.35	.75	1.50	4.29	4.51	2.00	3.50	208.78		
76	3	160	90,9	102,4	9	22	41	131	135	61,9	106,4	138,1	M16	BM-G-308-W66
		2320	3.58	4.03	.35	.87	1.61	5.16	5.31	2.44	4.19	303.82		
89	3-1/2	35	102,4	115,1	10,7	22	28	140	152	69,9	120,7	132,5	M16	BM-G-309-W66
		508	4.03	4.53	.42	.87	1.10	5.51	5.98	2.75	4.75	291.50		
102	4	35	115	127,8	10,7	25	35	152	162	77,8	130,2	174,8	M16	BM-G-310-W66
		508	4.53	5.03	.42	.98	1.38	5.98	6.38	3.06	5.13	384.56		
127	5	35	140,5	153,2	10,7	28	41	181	184	92,1	152,4	256,0	M16	BM-G-311-W66
		508	5.53	6.03	.42	1.10	1.61	7.13	7.24	3.63	6.00	563.20		

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

500 bar / 7251 PSI

Nominal Size	PN ¹ (bar/PSI)	Dimensions (mm/in)										Weight (kg/lbs) ca. per 100	Ø Thread	Ordering Codes
DN	(in)	10.9	ØR	ØS	C	D	E	F	G	H	I			
13	1/2	500	24,6	32,5	7,2	16	22	48	56,5	18,2	40,5	18,3	M8	BM-G-601-W66
		7251	.97	1.28	.28	.63	.87	1.89	2.22	.72	1.59	40.26		
19	3/4	500	32,5	42	8,2	19	28	60	71	23,8	50,8	34,0	M10	BM-G-602-W66
		7251	1.28	1.65	.32	.75	1.10	2.36	2.80	.94	2.00	74.80		
25	1	500	38,8	48,4	9	24	33	70	81	27,8	57,2	57,4	M12	BM-G-603-W66
		7251	1.53	1.91	.35	.94	1.30	2.76	3.19	1.09	2.25	126.28		
32	1-1/4	500	44,5	54,8	9,8	27	38	78	95	31,8	66,6	82,9	M12	BM-G-604-W66
		7251	1.75	2.16	.39	1.06	1.50	3.07	3.74	1.25	2.62	182.38		
32	1-1/4	500	44,5	54,8	9,8	27	38	78	95	31,8	66,6	85,4	M14	BM-G-604-M14-W66
		7251	1.75	2.16	.39	1.06	1.50	3.07	3.74	1.25	2.62	187.88		
38	1-1/2	500	51,6	64,3	12	30	43	95	113	36,5	79,3	143,4	M16	BM-G-605-W66
		7251	2.03	2.53	.47	1.18	1.69	3.74	4.45	1.44	3.12	315.48		
51	2	500	67,6	80,2	12	37	52	114	133	44,5	96,8	218,8	M20	BM-G-606-W66
		7251	2.66	3.16	.47	1.46	2.05	4.49	5.24	1.75	3.81	481.36		
64	2-1/2	500	89,5	108,5	20	48	48	150	175	58,7	123,8	403,8	M24	BM-G-607-W66
		7251	6,2	7,5	1,4	3,3	3,3	10,3	12,1	4,0	8,5	888.36		
76	3	420	114,5	132,5	25	58	58	178	210	71,4	152,4	704,2	M30	BM-G-608-W66
		6090	7,9	9,1	1,7	4,0	4,0	12,3	14,5	4,9	10,5	1549.24		

Materials / Ordering Options / Examples

- * Flange Clamp with Metric tapped holes made of Steel S355J2 / C45 or equivalent, zinc-plated and thick-film-passivated **BM-G-...-W66**
- * Flange Clamp with Metric tapped holes made of Steel S355J2 / C45 or equivalent, zinc/nickel-plated (on request) **BM-G-...-W3**
- * Flange Clamp with Metric tapped holes made of Stainless Steel V4A – 1.4404 (on request) **BM-G-...-W5**
- * Size of Metric tapped holes deviating from the standard (e.g. M14) **BM-G-...-M14-W66**

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 Alternative options shown in brackets are available on request.