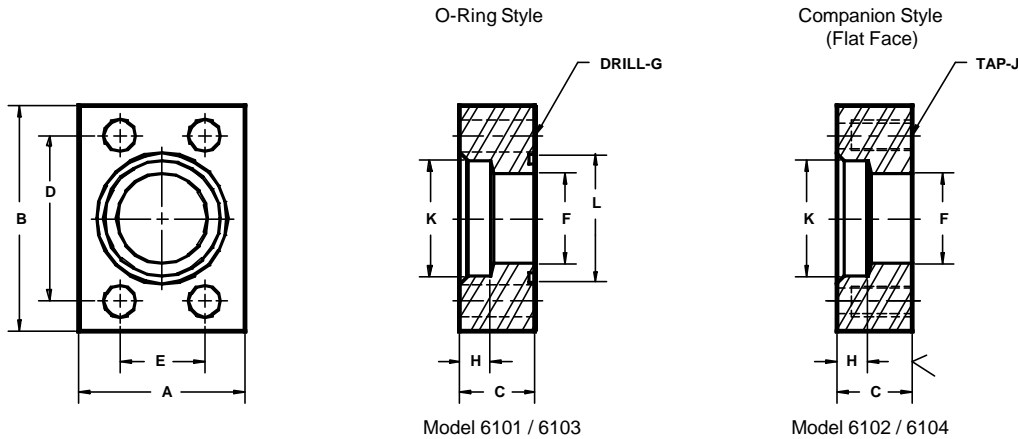


Developers and Manufacturers of Hydraulic Flanges & Components

## SOCKET WELD IN-LINE FLANGES

SAE BOLT PATTERN										61 SERIES							
FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm	H	Jmm	K	L	MOUNTING KIT <sup>①</sup>			WT
														PART NO.	BOLT SIZE	O-RING	
1/2	1/2	6101-08-08DM8	1.50	2.12	.75	1.500	.688	.50	8.5	.38	----	.860	1.000	MKM 501	M8 x 30	210	.5
		---							M8 x 1.25		----		----				
3/4	3/4	6101-12-12DM10	1.75	2.62	1.00	1.875	.875	.75	10.5	.50	----	1.070	1.250	MKM 502	M10 x 40	214	1.0
		---							M10 x 1.5		----		----				
1	1	6101-16-16DM10	2.00	2.82	1.00	2.062	1.031	1.00	10.5	.50	----	1.335	1.562	MKM 503	M10 x 40	219	1.2
		---							M10 x 1.5		----		----				
1 1/4	1 1/4	6101-20-20DM10	2.50	3.19	1.00	2.312	1.188	1.25	10.5	.50	----	1.680	1.750	MKM 3524	M10 x 40	222	1.5
		---							M10 x 1.5		----		----				
1 1/2	1 1/2	6101-24-24DM12	2.75	3.75	1.25	2.750	1.406	1.50	13.0	.50	----	1.920	2.125	MKM 3596	M12 x 50	225	2.5
		---							M12 x 1.75		----		----				
2	2	6101-32-32DM12	3.25	4.00	1.50	3.062	1.688	1.94	13.0	.62	----	2.411	2.500	MKM 3501	M12 x 55	228	3.6
		---							M12 x 1.75		----		----				
2 1/2 <sup>②</sup>	2 1/2	6101-40-40DM12	4.00	4.50	1.75	3.500	2.000	2.44	13.0	.75	----	2.911	3.000	MKM 4511	M12 x 60	232	5.7
		---							M12 x 1.75		----		----				
3 <sup>③</sup>	3	6101-48-48DM16	4.50	5.31	2.00	4.188	2.438	2.94	17.0	.75	----	3.540	3.625	MKM 508	M16 x 75	237	8.3
		---							M16 x 2		----		----				
3 1/2 <sup>④</sup>	3 1/2	6101-56-56DM16	5.00	6.00	1.50	4.750	2.750	3.44	17.0	.75	----	4.045	4.109	MKM 509	M16 x 65	241	7.5
		---							M16 x 2		----		----				
4 <sup>④</sup>	4	6101-64-64DM16	5.50	6.38	1.50	5.125	3.062	3.94	17.0	.75	----	4.550	4.609	MKM 510	M16 x 60	245	8.3
		---							M16 x 2		----		----				
5 <sup>④</sup>	5	6101-80-80DM16	7.00	7.25	2.00	6.000	3.625	4.94	17.0	.75	----	5.635	5.609	MKM 511	M16 x 75	253	16.0
		---							M16 X 2		----		----				



SAE BOLT PATTERN										62 SERIES							
FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm	H	Jmm	K	L	MOUNTING KIT <sup>①</sup>			WT
														PART NO.	BOLT SIZE	O-RING	
1/2	1/2	6103-08-08DM8	1.75	2.22	1.00	1.594	.718	.50	8.5	.50	----	.860	1.000	MKM 512	M8 x 35	210	.8
		---							M8 x 1.25		----		----				
3/4	3/4	6103-12-12DM10	2.00	2.81	1.00	2.000	.937	.75	10.5	.50	----	1.070	1.250	MKM 502	M10 x 40	214	1.3
		---							M10 x 1.5		----		----				
1	1	6103-16-16DM12	2.25	3.19	1.00	2.250	1.093	1.00	12.5	.50	----	1.335	1.562	MKM 513	M12 x 45	219	1.5
		---							M12 x 1.75		----		----				
1 1/4	1 1/4	6103-20-20DM12	2.75	3.75	1.25	2.625	1.250	1.25	13.0	.50	----	1.680	1.750	MKM 1502	M12 x 50	222	2.7
		---							M12 x 1.75		----		----				
1 1/2	1 1/2	6103-24-24DM16	3.25	4.50	1.50	3.125	1.437	1.50	17.0	.50	----	1.920	2.125	MKM 515	M16 x 60	225	4.8
		---							M16 x 2		----		----				
2	2	6103-32-32DM20	4.00	5.25	1.75	3.812	1.750	1.94	21.0	.62	----	2.411	2.500	MKM 516	M20 x 70	228	7.8
		---							M20 x 2.5		----		----				
2 1/2 <sup>⑤</sup>	2 1/2	6103-40-40DM24	5.00	6.88	2.00	4.875	2.312	2.44	25.5	.62	----	2.911	3.000	MKM 517	M24 x 80	232	15.2
		---							M24 x 3		----		----				
3 <sup>⑤</sup>	3	6103-48-48DM30	6.00	8.50	2.50	6.000	2.812	2.94	32.0	.62	----	3.540	3.625	MKM 518	M30 x 110	237	28.0
		---							M30 x 3.5		----		----				

① Order Separately ② 2500 PSI Max ③ 2000 PSI Max ④ 500 PSI Max ⑤ Not included in SAE J518 specifications MATERIAL : 316L STAINLESS STEEL  
NOTE: DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. 7/01