

BUTT WELD IN-LINE FLANGES (Pg 1/2)

For Schedule 160 Pipe ©

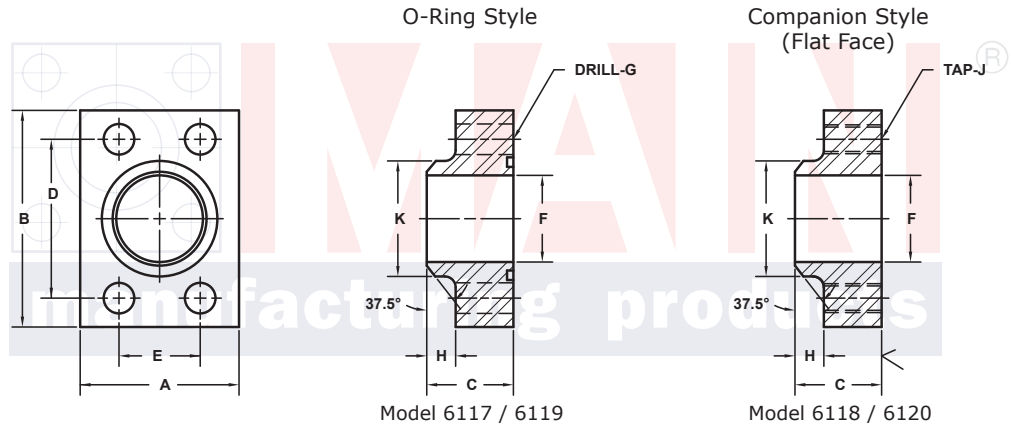
SAE J518 61 SERIES / ISO6162-1 PATTERN

FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6117-08-08BM8	1.50	2.12	1.25	1.500	.688	.47	8.5	.38	.88	MKM 512	M8 x 35	210	.7
		6118-08-08BM8							M8x1.25			-----	-----	---	
3/4	1/2	6117-12-08BM10	1.75	2.62	1.25	1.875	.875	.47	10.5	.38	.88	MKM 1525	M10 x 35	214	1.1
		6118-12-08BM10							M10x1.5			-----	-----	---	
3/4	3/4	6117-12-12BM10	1.75	2.62	1.25	1.875	.875	.61	10.5	.38	1.12	MKM 1525	M10 x 35	214	1.0
		6118-12-12BM10							M10x1.5			-----	-----	---	
1	3/4	6117-16-12BM10	2.00	2.82	1.25	2.062	1.031	.61	10.5	.38	1.12	MKM 1542	M10 x 35	219	1.3
		6118-16-12BM10							M10x1.5			-----	-----	---	
1	1	6117-16-16BM10	2.00	2.82	1.25	2.062	1.031	.81	10.5	.38	1.38	MKM 1542	M10 x 35	219	1.2
		6118-16-16BM10							M10x1.5			-----	-----	---	
1 1/4	1	6117-20-16BM10†	2.50	3.19	1.25	2.312	1.188	.81	10.5	.38	1.38	MKM 4520	M10 x 35	222	1.8
		6118-20-16BM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/4	6117-20-20BM10†	2.50	3.19	1.25	2.312	1.188	1.16	10.5	.38	1.75	MKM 4520	M10 x 35	222	1.6
		6118-20-20BM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/2	-----	2.50	3.19	1.50	2.312	1.188	1.25	---	.50	2.00	-----	-----	---	2.1
		6118-20-24BM10†							M10x1.5			-----	-----	---	
1 1/2	1 1/4	6117-24-20BM12‡	2.75	3.75	1.50	2.750	1.406	1.16	13.0	.50	1.75	MKM 4551	M12 x 40	225	2.6
		6118-24-20BM12‡							M12x1.75			-----	-----	---	
1 1/2	1 1/2	6117-24-24BM12‡	2.75	3.75	1.50	2.750	1.406	1.34	13.0	.50	2.00	MKM 4551	M12 x 40	225	2.3
		6118-24-24BM12‡							M12x1.75			-----	-----	---	
1 1/2	2	-----	3.50	3.75	2.25	2.750	1.406	1.50	---	.50	2.50	-----	-----	---	5.8
		6118-24-32BM12‡							M12x1.75			-----	-----	---	

MATERIAL:
304L Stainless

MOUNTING KITS listed contain carbon steel bolts and Buna N O-Ring. To specify stainless Grade 18-8 bolts, add an SS at the end of the kit number (MK 501SS).

Please note that using stainless steel bolts may reduce the pressure rating of the assembly.



Model 6117 / 6119

Model 6118 / 6120

3181 TRI-PARK DR. GRAND BLANC, MI 48439 800-521-7918 810-953-1380 FAX 810-953-1385 INFO@MAINMFG.COM

SAE J518 62 SERIES / ISO6162-2 PATTERN

FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6119-08-08BM8	1.75	2.22	1.25	1.594	.718	.47	8.5	.38	.88	MKM 512	M8 x 35	210	.8
		6120-08-08BM8							M8x1.25			-----	-----	---	
3/4	1/2	6119-12-08BM10	2.00	2.81	1.25	2.000	.937	.47	10.5	.38	.88	MKM 1525	M10 x 35	214	1.3
		6120-12-08BM10							M10x1.5			-----	-----	---	
3/4	3/4	6119-12-12BM10	2.00	2.81	1.25	2.000	.937	.61	10.5	.38	1.12	MKM 1525	M10 x 35	214	1.3
		6120-12-12BM10							M10x1.5			-----	-----	---	
1	3/4	6119-16-12BM12	2.25	3.19	1.25	2.250	1.093	.61	12.5	.38	1.12	MKM 4569	M12 x 40	219	1.7
		6120-16-12BM12							M12x1.75			-----	-----	---	
1	1	6119-16-16BM12	2.25	3.19	1.25	2.250	1.093	.81	12.5	.38	1.38	MKM 4569	M12 x 40	219	1.5
		6120-16-16BM12							M12x1.75			-----	-----	---	
1 1/4	1	6119-20-16BM12‡	2.75	3.75	1.25	2.625	1.250	.81	13.0	.38	1.38	MKM 1527	M12 x 40	222	2.4
		6120-20-16BM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/4	6119-20-20BM12‡	2.75	3.75	1.25	2.625	1.250	1.16	13.0	.38	1.75	MKM 1527	M12 x 40	222	2.1
		6120-20-20BM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/2	-----	3.00	3.75	1.50	2.625	1.250	1.25	----	.50	2.00	-----	-----	---	3.1
		6120-20-24BM12‡							M12x1.75			-----	-----	---	

① Order Separately

⑥ Other Pipe and Tube Sizes are Available

NOTE: DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. † Also Available for M12 Bolts ‡ Also Available for M14 Bolts

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BUTT WELD IN-LINE FLANGES (Pg 2/2)

For Schedule 160 Pipe ⑥

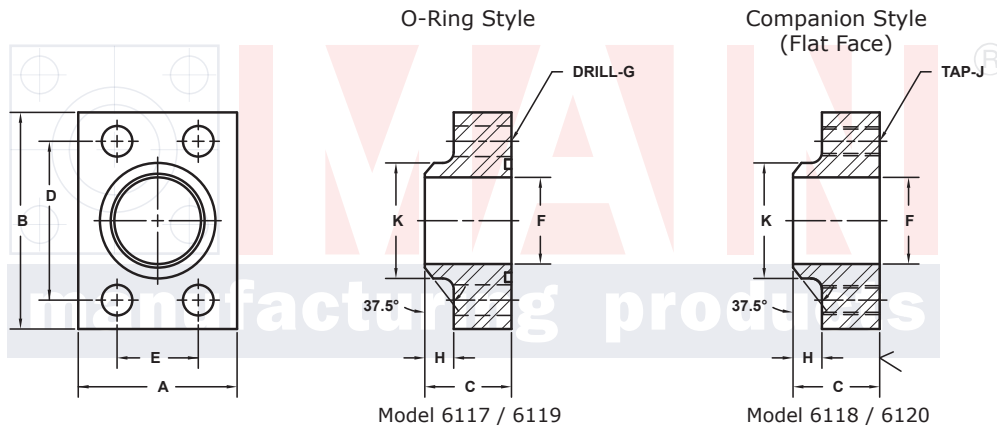
SAE J518 61 SERIES / ISO6162-1 PATTERN

FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT ^①			WT
									PART NO.			SCREW SIZE	O-RING		
2	1¼	6117-32-20BM12†	3.25	4.00	1.50	3.062	1.688	1.16	13.0	.50	1.75	MKM 4552	M12 x 45	228	3.4
		6118-32-20BM12†							M12x1.75			-----	-----	---	
2	1½	6117-32-24BM12†	3.25	4.00	1.50	3.062	1.688	1.34	13.0	.50	2.00	MKM 4552	M12 x 45	228	3.3
		6118-32-24BM12†							M12x1.75			-----	-----	---	
2	2	6117-32-32BM12†	3.25	4.00	1.50	3.062	1.688	1.69	13.0	.50	2.50	MKM 4552	M12 x 45	228	2.8
		6118-32-32BM12†							M12x1.75			-----	-----	---	
2½ ^②	2	6117-40-32BM12†	4.00	4.50	1.75	3.500	2.000	1.69	13.0	.50	2.50	MKM 2575	M12 x 50	232	5.7
		6118-40-32BM12†							M12x1.75			-----	-----	---	
2½ ^②	2½	6117-40-40BM12†	4.00	4.50	1.75	3.500	2.000	2.12	13.0	.50	3.00	MKM 2575	M12 x 50	232	4.8
		6118-40-40BM12†							M12x1.75			-----	-----	---	
3 ^③	2½	6117-48-40BM16	4.50	5.31	2.00	4.188	2.438	2.12	17.0	.50	3.00	MKM 585	M16 x 60	237	8.7
		6118-48-40BM16							M16x2			-----	-----	---	
3 ^③	3	6117-48-48BM16	4.50	5.31	2.00	4.188	2.438	2.62	17.0	.50	3.50	MKM 585	M16 x 60	237	7.2
		6118-48-48BM16							M16x2			-----	-----	---	
3½ ^④	3	6117-56-48BM16	5.00	6.00	1.50	4.750	2.750	2.62	17.0	.50	3.50	MKM 1571	M16 x 50	241	7.2
		6118-56-48BM16							M16x2			-----	-----	---	
3½ ^④	3½	6117-56-56BM16	5.00	6.00	1.50	4.750	2.750	3.00	17.0	.50	4.00	MKM 1571	M16 x 50	241	5.9
		6118-56-56BM16							M16x2			-----	-----	---	
4 ^④	3	6117-64-48BM16	5.50	6.38	1.50	5.125	3.062	2.62	17.0	.50	3.50	MKM 1572	M16 x 50	245	8.6
		6118-64-48BM16							M16x2			-----	-----	---	
4 ^④	4	6117-64-64BM16	5.50	6.38	1.50	5.125	3.062	3.44	17.0	.50	4.50	MKM 1572	M16 x 50	245	6.7
		6118-64-64BM16							M16x2			-----	-----	---	

MOUNTING KITS listed contain carbon steel bolts and Buna N O-Ring. To specify stainless Grade 18-8 bolts, add an SS at the end of the kit number (MK 501SS).

Please note that using stainless steel bolts may reduce the pressure rating of the assembly.

MATERIAL:
304L Stainless



Model 6117 / 6119

Model 6118 / 6120



3181 TRI-PARK DR. GRAND BLANC, MI 48439 800-521-7918 810-953-1380 FAX 810-953-1385 INFO@MAINMFG.COM

SAE J518 62 SERIES / ISO6162-2 PATTERN

FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT①			WT
									PART NO.			SCREW SIZE	O-RING		
1½	1¼	6119-24-20BM16	3.25	4.50	1.50	3.125	1.437	1.16	17.0	.50	1.75	MKM 562	M16 x 45	225	3.8
		6120-24-20BM16							M16x2			-----	-----	---	
1½	1½	6119-24-24BM16	3.25	4.50	1.50	3.125	1.437	1.34	17.0	.50	2.00	MKM 562	M16 x 45	225	3.3
		6120-24-24BM16							M16x2			-----	-----	---	
1½	2	-----	4.00	4.50	2.00	3.125	1.437	1.50	-----	.50	2.50	-----	-----	---	6.9
		6120-24-32BM16							M16x2			-----	-----	---	
2	1½	6119-32-24BM20	4.00	5.25	1.75	3.812	1.750	1.34	21.0	.50	2.00	MKM 1548	M20 x 60	228	6.7
		6120-32-24BM20							M20x2.5			-----	-----	---	
2	2	6119-32-32BM20	4.00	5.25	1.75	3.812	1.750	1.69	21.0	.50	2.50	MKM 1548	M20 x 60	228	5.9
		6120-32-32BM20							M20x2.5			-----	-----	---	
2½	2	6119-40-32BM24	5.00	6.88	2.00	4.875	2.312	1.69	25.5	.50	2.50	MKM 1575	M24 x 70	232	13.2
		6120-40-32BM24							M24x3			-----	-----	---	
2½	2½	6119-40-40BM24	5.00	6.88	2.00	4.875	2.312	2.12	25.5	.50	3.00	MKM 1575	M24 x 70	232	12.0
		6120-40-40BM24							M24x3			-----	-----	---	
3	3	6119-48-48BM30	6.00	8.50	2.50	6.000	2.812	2.62	32.0	.50	3.50	MKM 1576	M30 x 100	237	23.3
		6120-48-48BM30							M30x3.5			-----	-----	---	

① Order Separately ② 2500 PSI Max ③ 2000 PSI Max ④ 500 PSI Max

⑥ Other Pipe and Tube Sizes are Available

NOTE: DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. + Also Available for M12 Bolts † Also Available for M14 Bolts

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