

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

For Schedule 40 Pipe ⑥

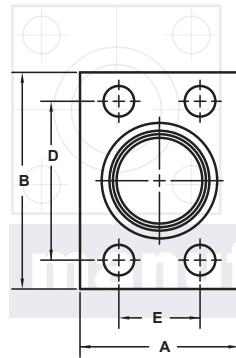
SAE J518 61 SERIES / ISO6162-1 PATTERN

FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6105-08-08BM8	1.50	2.12	1.25	1.500	.688	.62	8.5	.38	.88	MKM 512	M8 x 35	210	.7
		6106-08-08BM8							M8x1.25			-----	-----	---	
3/4	1/2	6105-12-08BM10	1.75	2.62	1.25	1.875	.875	.62	10.5	.38	.88	MKM 1525	M10 x 35	214	1.0
		6106-12-08BM10							M10x1.5			-----	-----	---	
3/4	3/4	6105-12-12BM10	1.75	2.62	1.25	1.875	.875	.82	10.5	.38	1.12	MKM 1525	M10 x 35	214	1.0
		6106-12-12BM10							M10x1.5			-----	-----	---	
1	3/4	6105-16-12BM10	2.00	2.82	1.25	2.062	1.031	.82	10.5	.38	1.12	MKM 1542	M10 x 35	219	1.3
		6106-16-12BM10							M10x1.5			-----	-----	---	
1	1	6105-16-16BM10	2.00	2.82	1.25	2.062	1.031	1.04	10.5	.38	1.38	MKM 1542	M10 x 35	219	1.2
		6106-16-16BM10							M10x1.5			-----	-----	---	
1 1/4	1	6105-20-16BM10†	2.50	3.19	1.25	2.312	1.188	1.04	10.5	.38	1.38	MKM 4520	M10 x 35	222	1.7
		6106-20-16BM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/4	6105-20-20BM10†	2.50	3.19	1.25	2.312	1.188	1.38	10.5	.38	1.75	MKM 4520	M10 x 35	222	1.6
		6106-20-20BM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/2	-----	2.50	3.19	1.50	2.312	1.188	1.61	----	.50	2.00	-----	-----	---	2.0
		6106-20-24BM10†							M10x1.5			-----	-----	---	
1 1/2	1 1/4	6105-24-20BM12‡	2.75	3.75	1.50	2.750	1.406	1.38	13.0	.50	1.75	MKM 4551	M12 x 40	225	2.6
		6106-24-20BM12‡							M12x1.75			-----	-----	---	
1 1/2	1 1/2	6105-24-24BM12‡	2.75	3.75	1.50	2.750	1.406	1.61	13.0	.50	2.00	MKM 4551	M12 x 40	225	2.3
		6106-24-24BM12‡							M12x1.75			-----	-----	---	
1 1/2	2	-----	3.50	3.75	2.25	2.750	1.406	2.06	----	.50	2.50	-----	-----	---	5.6
		6106-24-32BM12‡							M12x1.75			-----	-----	---	

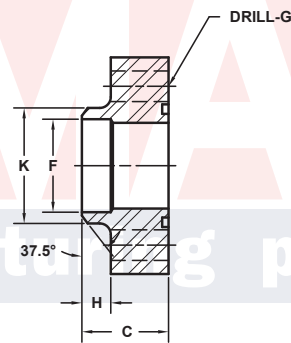
MATERIAL:
304L Stainless

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.

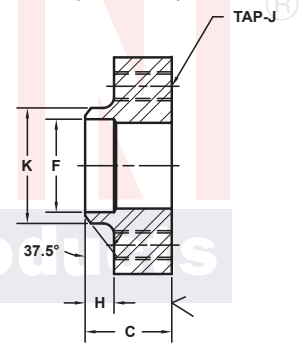


O-Ring Style



Model 6105 / 6107

Companion Style
(Flat Face)



Model 6106 / 6108

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	6107-08-08BM8	1.75	2.22	1.25	1.594	.718	.62	8.5	.38	.88	MKM 512	M8 x 35	210	.8
		6108-08-08BM8							M8x1.25			-----	-----	---	
3/4	1/2	6107-12-08BM10	2.00	2.81	1.25	2.000	.937	.62	10.5	.38	.88	MKM 1525	M10 x 35	214	1.3
		6108-12-08BM10							M10x1.5			-----	-----	---	
3/4	3/4	6107-12-12BM10	2.00	2.81	1.25	2.000	.937	.82	10.5	.38	1.12	MKM 1525	M10 x 35	214	1.3
		6108-12-12BM10							M10x1.5			-----	-----	---	
1	3/4	6107-16-12BM12	2.25	3.19	1.25	2.250	1.093	.82	12.5	.38	1.12	MKM 4569	M12 x 40	219	1.6
		6108-16-12BM12							M12x1.75			-----	-----	---	
1	1	6107-16-16BM12	2.25	3.19	1.25	2.250	1.093	1.04	12.5	.38	1.38	MKM 4569	M12 x 40	219	1.5
		6108-16-16BM12							M12x1.75			-----	-----	---	
1 1/4	1	6107-20-16BM12‡	2.75	3.75	1.25	2.625	1.250	1.04	13.0	.38	1.38	MKM 1527	M12 x 40	222	2.3
		6108-20-16BM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/4	6107-20-20BM12‡	2.75	3.75	1.25	2.625	1.250	1.38	13.0	.38	1.75	MKM 1527	M12 x 40	222	2.1
		6108-20-20BM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/2	-----	3.00	3.75	1.50	2.625	1.250	1.61	---	.50	2.00	-----	-----	---	3.1
		6108-20-24BM12‡							M12x1.75			-----	-----	---	

① Order Separately

⑥ Other Pipe and Tube Sizes are Available

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

For Schedule 40 Pipe ®

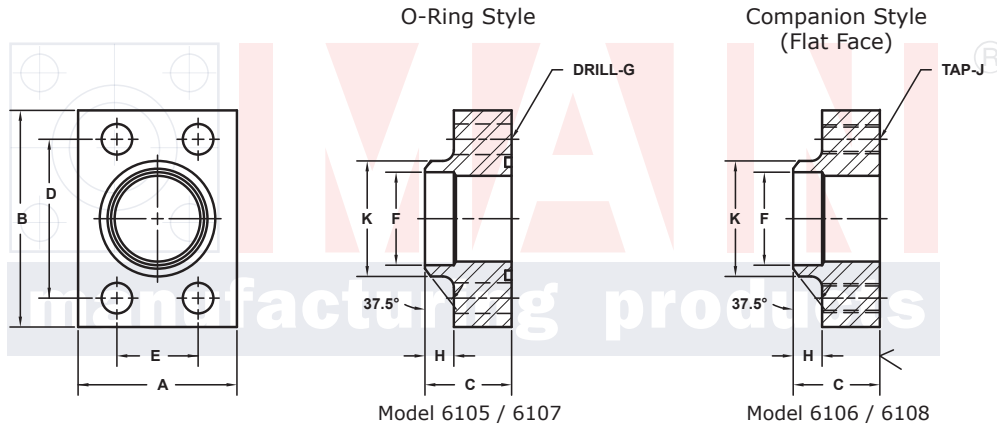
SAE J518 61 SERIES / ISO6162-1 PATTERN

FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT ^①			WT
									PART NO.			SCREW SIZE	O-RING		
2	1¼	6105-32-20BM12†	3.25	4.00	1.50	3.062	1.688	1.38	13.0	.50	1.75	MKM 4552	M12 x 45	228	3.3
		6106-32-20BM12‡							M12x1.75			-----	-----	---	
2	1½	6105-32-24BM12†	3.25	4.00	1.50	3.062	1.688	1.61	13.0	.50	2.00	MKM 4552	M12 x 45	228	3.2
		6106-32-24BM12‡							M12x1.75			-----	-----	---	
2	2	6105-32-32BM12†	3.25	4.00	1.50	3.062	1.688	2.06	13.0	.50	2.50	MKM 4552	M12 x 45	228	2.8
		6106-32-32BM12‡							M12x1.75			-----	-----	---	
2½ ^②	2	6105-40-32BM12†	4.00	4.50	1.75	3.500	2.000	2.06	13.0	.50	2.50	MKM 2575	M12 x 50	232	5.3
		6106-40-32BM12‡							M12x1.75			-----	-----	---	
2½ ^②	2½	6105-40-40BM12†	4.00	4.50	1.75	3.500	2.000	2.47	13.0	.50	3.00	MKM 2575	M12 x 50	232	4.8
		6106-40-40BM12‡							M12x1.75			-----	-----	---	
3 ^③	2½	6105-48-40BM16	4.50	5.31	2.00	4.188	2.438	2.47	17.0	.50	3.00	MKM 585	M16 x 60	237	8.1
		6106-48-40BM16							M16x2			-----	-----	---	
3 ^③	3	6105-48-48BM16	4.50	5.31	2.00	4.188	2.438	3.06	17.0	.50	3.50	MKM 585	M16 x 60	237	7.2
		6106-48-48BM16							M16x2			-----	-----	---	
3½ ^④	3	6105-56-48BM16	5.00	6.00	1.50	4.750	2.750	3.06	17.0	.50	3.50	MKM 1571	M16 x 50	241	6.6
		6106-56-48BM16							M16x2			-----	-----	---	
3½ ^④	3½	6105-56-54BM16	5.00	6.00	1.50	4.750	2.750	3.54	17.0	.50	4.00	MKM 1571	M16 x 50	241	5.9
		6106-56-54BM16							M16x2			-----	-----	---	
4 ^④	3	6105-64-48BM16	5.50	6.38	1.50	5.125	3.062	3.06	17.0	.50	3.50	MKM 1572	M16 x 50	245	8.1
		6106-64-48BM16							M16x2			-----	-----	---	
4 ^④	4	6105-64-64BM16	5.50	6.38	1.50	5.125	3.062	4.02	17.0	.50	4.50	MKM 1572	M16 x 50	245	6.7
		6106-64-64BM16							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



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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 ^①			WT
									PART NO.			SCREW SIZE	O-RING		
1½	1¼	6107-24-20BM16	3.25	4.50	1.50	3.125	1.437	1.38	17.0	.50	1.75	MKM 562	M16 x 45	225	3.5
		6108-24-20BM16							M16x2			-----	-----	---	
1½	1½	6107-24-24BM16	3.25	4.50	1.50	3.125	1.437	1.61	17.0	.50	2.00	MKM 562	M16 x 45	225	3.3
		6108-24-24BM16							M16x2			-----	-----	---	
1½	2	-----	4.00	4.50	2.00	3.125	1.437	2.06	-----	.50	2.50	-----	-----	---	6.8
		6108-24-32BM16							M16x2			-----	-----	---	
2	1½	6107-32-24BM20	4.00	5.25	1.75	3.812	1.750	1.61	21.0	.50	2.00	MKM 1548	M20 x 60	228	6.4
		6108-32-24BM20							M20x2.5			-----	-----	---	
2	2	6107-32-32BM20	4.00	5.25	1.75	3.812	1.750	2.06	21.0	.50	2.50	MKM 1548	M20 x 60	228	5.9
		6108-32-32BM20							M20x2.5			-----	-----	---	
2½	2	6107-40-32BM24	5.00	6.88	2.00	4.875	2.312	2.06	25.5	.50	2.50	MKM 1575	M24 x 70	232	12.8
		6108-40-32BM24							M24x3			-----	-----	---	
2½	2½	6107-40-40BM24	5.00	6.88	2.00	4.875	2.312	2.47	25.5	.50	3.00	MKM 1575	M24 x 70	232	12.0
		6108-40-40BM24							M24x3			-----	-----	---	
3	3	6107-48-48BM30	6.00	8.50	2.50	6.000	2.812	3.06	32.0	.50	3.50	MKM 1576	M30 x 100	237	23.3
		6108-48-48BM30							M30x3.5			-----	-----	---	

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

® 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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