

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

For Schedule XXS Pipe ⑥

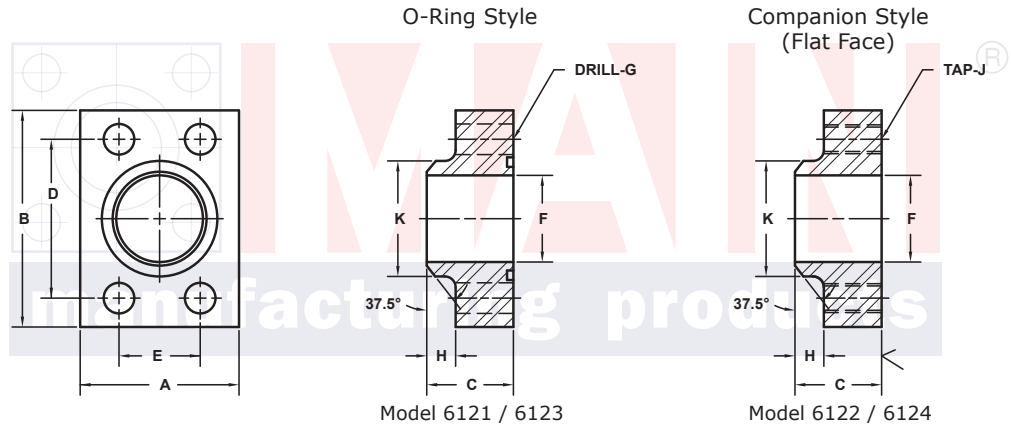
SAE J518 61 SERIES / ISO6162-1 PATTERN

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	6121-08-08DM8	1.50	2.12	1.25	1.500	.688	.25	8.5	.38	.88	MKM 512	M8 x 35	210	.8
		6122-08-08DM8							M8x1.25			-----	-----	---	
3/4	1/2	6121-12-08DM10	1.75	2.62	1.25	1.875	.875	.25	10.5	.38	.88	MKM 1525	M10 x 35	214	1.1
		6122-12-08DM10							M10x1.5			-----	-----	---	
3/4	3/4	6121-12-12DM10	1.75	2.62	1.25	1.875	.875	.44	10.5	.38	1.12	MKM 1525	M10 x 35	214	1.1
		6122-12-12DM10							M10x1.5			-----	-----	---	
1	3/4	6121-16-12DM10	2.00	2.82	1.38	2.062	1.031	.44	10.5	.50	1.12	MKM 1542	M10 x 35	219	1.4
		6122-16-12DM10							M10x1.5			-----	-----	---	
1	1	6121-16-16DM10	2.00	2.82	1.38	2.062	1.031	.60	10.5	.50	1.38	MKM 1542	M10 x 35	219	1.4
		6122-16-16DM10							M10x1.5			-----	-----	---	
1 1/4	1	6121-20-16DM10†	2.50	3.19	1.38	2.312	1.188	.60	10.5	.50	1.38	MKM 4520	M10 x 35	222	2.0
		6122-20-16DM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/4	6121-20-20DM10†	2.50	3.19	1.38	2.312	1.188	.89	10.5	.50	1.75	MKM 4520	M10 x 35	222	1.9
		6122-20-20DM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/2	-----	2.50	3.19	1.50	2.312	1.188	1.10	---	.50	2.00	-----	-----	---	2.1
		6122-20-24DM10†							M10x1.5			-----	-----	---	
1 1/2	1 1/4	6121-24-20DM12‡	2.75	3.75	1.50	2.750	1.406	.89	13.0	.50	1.75	MKM 4551	M12 x 40	225	2.8
		6122-24-20DM12‡							M12x1.75			-----	-----	---	
1 1/2	1 1/2	6121-24-24DM12‡	2.75	3.75	1.50	2.750	1.406	1.10	13.0	.50	2.00	MKM 4551	M12 x 40	225	2.7
		6122-24-24DM12‡							M12x1.75			-----	-----	---	
1 1/2	2	-----	3.50	3.75	2.50	2.750	1.406	1.50	---	.75	2.50	-----	-----	---	5.9
		6122-24-32DM12‡							M12x1.75			-----	-----	---	

MATERIAL:
316L 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.



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	6123-08-08DM8	1.75	2.22	1.25	1.594	.718	.25	8.5	.38	.88	MKM 512	M8 x 35	210	.9
		6124-08-08DM8							M8x1.25			-----	-----	---	
3/4	1/2	6123-12-08DM10	2.00	2.81	1.25	2.000	.937	.25	10.5	.38	.88	MKM 1525	M10 x 35	214	1.3
		6124-12-08DM10							M10x1.5			-----	-----	---	
3/4	3/4	6123-12-12DM10	2.00	2.81	1.25	2.000	.937	.44	10.5	.38	1.12	MKM 1525	M10 x 35	214	1.3
		6124-12-12DM10							M10x1.5			-----	-----	---	
1	3/4	6123-16-12DM12	2.25	3.19	1.50	2.250	1.093	.44	12.5	.50	1.12	MKM 4569	M12 x 40	219	2.0
		6124-16-12DM12							M12x1.75			-----	-----	---	
1	1	6123-16-16DM12	2.25	3.19	1.50	2.250	1.093	.60	12.5	.50	1.38	MKM 4569	M12 x 40	219	2.0
		6124-16-16DM12							M12x1.75			-----	-----	---	
1 1/4	1	6123-20-16DM12‡	2.75	3.75	1.50	2.625	1.250	.60	13.0	.50	1.38	MKM 1527	M12 x 40	222	2.8
		6124-20-16DM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/4	6123-20-20DM12‡	2.75	3.75	1.50	2.625	1.250	.89	13.0	.50	1.75	MKM 1527	M12 x 40	222	2.8
		6124-20-20DM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/2	-----	3.00	3.75	1.75	2.625	1.250	1.10	---	.75	2.00	-----	-----	---	3.1
		6124-20-24DM12‡							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 XXS Pipe ⑥

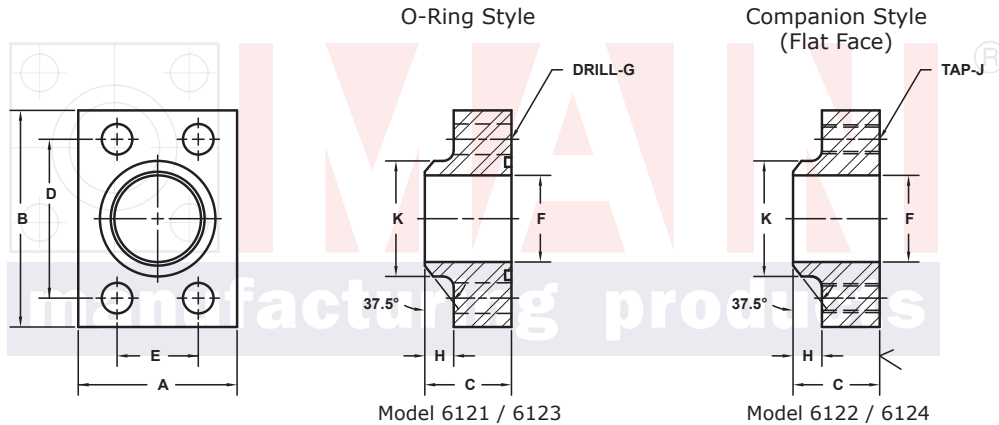
SAE J518 61 SERIES / ISO6162-1 PATTERN

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	6121-32-20DM12†	3.25	4.00	1.50	3.062	1.688	.89	13.0	.50	1.75	MKM 4552	M12 x 45	228	3.5
		6122-32-20DM12†							M12x1.75			-----	-----	---	
2	1½	6121-32-24DM12†	3.25	4.00	1.50	3.062	1.688	1.10	13.0	.50	2.00	MKM 4552	M12 x 45	228	3.5
		6122-32-24DM12†							M12x1.75			-----	-----	---	
2	2	6121-32-32DM12†	3.25	4.00	1.75	3.062	1.688	1.50	13.0	.75	2.50	MKM 4552	M12 x 45	228	3.6
		6122-32-32DM12†							M12x1.75			-----	-----	---	
2½ ^②	2	6121-40-32DM12†	4.00	4.50	2.00	3.500	2.000	1.50	13.0	.75	2.50	MKM 2575	M12 x 50	232	6.1
		6122-40-32DM12†							M12x1.75			-----	-----	---	
2½ ^②	2½	6121-40-40DM12†	4.00	4.50	2.00	3.500	2.000	1.77	13.0	.75	3.00	MKM 2575	M12 x 50	232	6.0
		6122-40-40DM12†							M12x1.75			-----	-----	---	
3 ^③	2½	6121-48-40DM16	4.50	5.31	2.25	4.188	2.438	1.77	17.0	.75	3.00	MKM 585	M16 x 60	237	9.5
		6122-48-40DM16							M16x2			-----	-----	---	
3 ^③	3	6121-48-48DM16	4.50	5.31	2.25	4.188	2.438	2.30	17.0	.75	3.50	MKM 585	M16 x 60	237	8.8
		6122-48-48DM16							M16x2			-----	-----	---	
3½ ^④	3	6121-56-48DM16	5.00	6.00	1.75	4.750	2.750	2.30	17.0	.75	3.50	MKM 1571	M16 x 50	241	7.9
		6122-56-48DM16							M16x2			-----	-----	---	
3½ ^④	3½	6121-56-56DM16	5.00	6.00	1.75	4.750	2.750	2.73	17.0	.75	4.00	MKM 1571	M16 x 50	241	7.6
		6122-56-56DM16							M16x2			-----	-----	---	
4 ^④	3	6121-64-48DM16	5.50	6.38	1.75	5.125	3.062	2.30	17.0	.75	3.50	MKM 1572	M16 x 50	245	9.3
		6122-64-48DM16							M16x2			-----	-----	---	
4 ^④	4	6121-64-64DM16	5.50	6.38	1.75	5.125	3.062	3.15	17.0	.75	4.50	MKM 1572	M16 x 50	245	8.7
		6122-64-64DM16							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:
316L Stainless



Model 6121 / 6123

Model 6122 / 6124



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	6123-24-20DM16	3.25	4.50	1.50	3.125	1.437	.89	17.0	.50	1.75	MKM 562	M16 x 45	225	3.9
		6124-24-20DM16							M16x2			-----	-----	---	
1½	1½	6123-24-24DM16	3.25	4.50	1.50	3.125	1.437	1.10	17.0	.50	2.00	MKM 562	M16 x 45	225	3.9
		6124-24-24DM16							M16x2			-----	-----	---	
1½	2	-----	4.00	4.50	2.00	3.125	1.437	1.50	-----	.75	2.50	-----	-----	---	6.0
		6124-24-32DM16							M16x2			-----	-----	---	
2	1½	6123-32-24DM20	4.00	5.25	1.75	3.812	1.750	1.10	21.0	.50	2.00	MKM 1548	M20 x 60	228	6.9
		6124-32-24DM20							M20x2.5			-----	-----	---	
2	2	6123-32-32DM20	4.00	5.25	2.00	3.812	1.750	1.50	21.0	.75	2.50	MKM 1548	M20 x 60	228	6.9
		6124-32-32DM20							M20x2.5			-----	-----	---	
2½	2	6123-40-32DM24	5.00	6.88	2.50	4.875	2.312	1.50	25.5	.75	2.50	MKM 1575	M24 x 70	232	15.8
		6124-40-32DM24							M24x3			-----	-----	---	
2½	2½	6123-40-40DM24	5.00	6.88	2.50	4.875	2.312	1.77	25.5	.75	3.00	MKM 1575	M24 x 70	232	15.7
		6124-40-40DM24							M24x3			-----	-----	---	
3	3	6123-48-48DM30	6.00	8.50	3.00	6.000	2.812	2.30	32.0	.88	3.50	MKM 1576	M30 x 100	237	27.4
		6124-48-48DM30							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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