

NPTF THREADED ELBOW FLANGES (Pg 1/2)

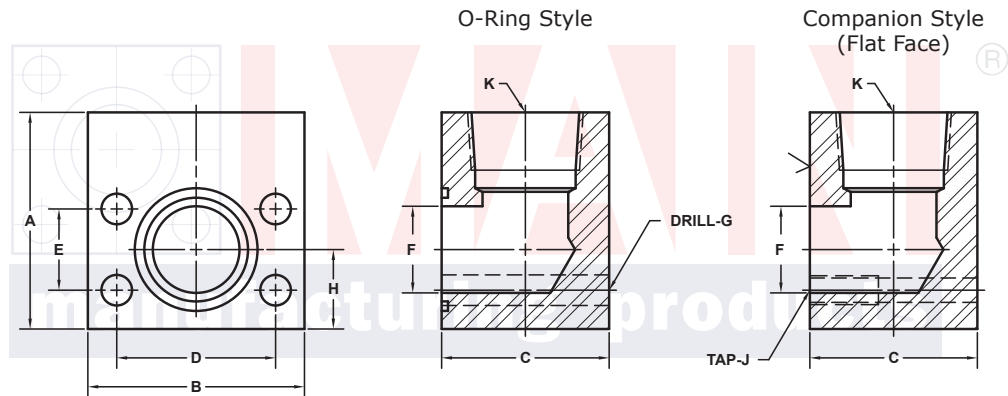
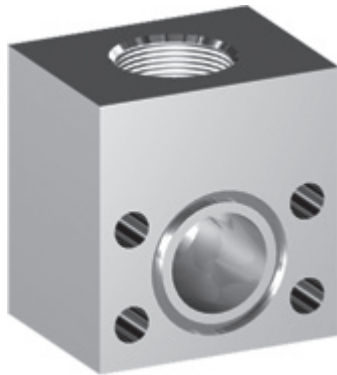
SAE J518 61 SERIES / ISO6162-1 PATTERN

FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K NPTF	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6161-08-08BM8	2.00	2.12	1.44	1.500	.688	.50	8.5	.75	1/2	MKM 541	M8 x 50	210	1.5
		6162-08-08BM8							M8x1.25			-----	-----	---	
3/4	1/2	6161-12-08BM10	2.50	2.62	1.70	1.875	.875	.75	10.5	.88	1/2	MKM 542	M10 x 60	214	2.7
		6162-12-08BM10							M10x1.5			-----	-----	---	
3/4	3/4	6161-12-12BM10	2.50	2.62	1.70	1.875	.875	.75	10.5	.88	3/4	MKM 542	M10 x 60	214	2.6
		6162-12-12BM10							M10x1.5			-----	-----	---	
1	3/4	6161-16-12BM10	3.00	2.82	1.94	2.062	1.031	1.00	10.5	1.00	3/4	MKM 543	M10 x 65	219	3.9
		6162-16-12BM10							M10x1.5			-----	-----	---	
1	1	6161-16-16BM10	3.00	2.82	1.94	2.062	1.031	1.00	10.5	1.00	1	MKM 543	M10 x 65	219	3.5
		6162-16-16BM10							M10x1.5			-----	-----	---	
1 1/4	1	6161-20-16BM10†	3.50	3.19	2.40	2.312	1.188	1.25	10.5	1.25	1	MKM 4532	M10 x 75	222	6.5
		6162-20-16BM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/4	6161-20-20BM10†	3.50	3.19	2.40	2.312	1.188	1.25	10.5	1.25	1 1/4	MKM 4532	M10 x 75	222	6.2
		6162-20-20BM10†							M10x1.5			-----	-----	---	
1 1/4	1 1/2	6161-20-24BM10†	4.00	3.19	3.00	2.312	1.188	1.25	10.5	1.25	1 1/2	MKM 4597	M10 x 90	222	6.0
		6162-20-24BM10†							M10x1.5			-----	-----	---	
1 1/2	1 1/4	6161-24-20BM10†	4.00	3.75	2.90	2.750	1.406	1.50	13.0	1.38	1 1/4	MKM 4533	M12 x 90	225	10.0
		6162-24-20BM12‡							M12x1.75			-----	-----	---	
1 1/2	1 1/2	6161-24-24BM12‡	4.00	3.75	2.90	2.750	1.406	1.50	13.0	1.38	1 1/2	MKM 4533	M12 x 90	225	9.9
		6162-24-24BM12‡							M12x1.75			-----	-----	---	
1 1/2	2	6161-24-32BM12‡	4.00	3.75	2.90	2.750	1.406	1.50	13.0	1.38	2	MKM 4533	M12 x 90	225	8.9
		6162-24-32BM12‡							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 6161 / 6163

Model 6162 / 6164

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 NPTF	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6163-08-08BM8	2.00	2.22	1.46	1.594	.718	.50	8.5	.88	1/2	MKM 541	M8 x 50	210	1.6
		6164-08-08BM8							M8x1.25			-----	-----	---	
3/4	1/2	6163-12-08BM10	2.50	2.81	1.70	2.000	.937	.75	10.5	1.00	1/2	MKM 542	M10 x 60	214	2.9
		6164-12-08BM10							M10x1.5			-----	-----	---	
3/4	3/4	6163-12-12BM10	2.50	2.81	1.70	2.000	.937	.75	10.5	1.00	3/4	MKM 542	M10 x 60	214	2.8
		6164-12-12BM10							M10x1.5			-----	-----	---	
1	3/4	6163-16-12BM12	3.00	3.19	1.96	2.250	1.093	1.00	12.5	1.12	3/4	MKM 551	M12 x 70	219	4.6
		6164-16-12BM12							M12x1.75			-----	-----	---	
1	1	6163-16-16BM12	3.00	3.19	1.96	2.250	1.093	1.00	12.5	1.12	1	MKM 551	M12 x 70	219	4.4
		6164-16-16BM12							M12x1.75			-----	-----	---	
1 1/4	1	6163-20-16BM12‡	4.00	3.75	2.44	2.625	1.250	1.25	13.0	1.38	1	MKM 578	M12 x 80	222	6.9
		6164-20-16BM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/4	6163-20-20BM12‡	4.00	3.75	2.44	2.625	1.250	1.25	13.0	1.38	1 1/4	MKM 578	M12 x 80	222	6.7
		6164-20-20BM12‡							M12x1.75			-----	-----	---	
1 1/4	1 1/2	6163-20-24BM12‡	4.00	3.75	3.00	2.625	1.250	1.25	13.0	1.38	1 1/2	MKM 5551	M12 x 90	222	9.9
		6164-20-24BM12‡							M12x1.75			-----	-----	---	

① Order Separately

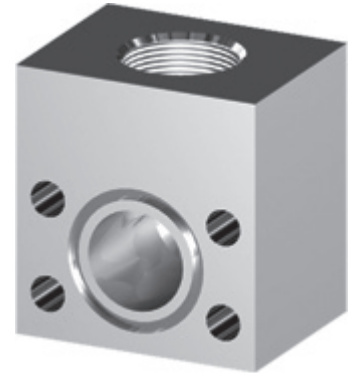
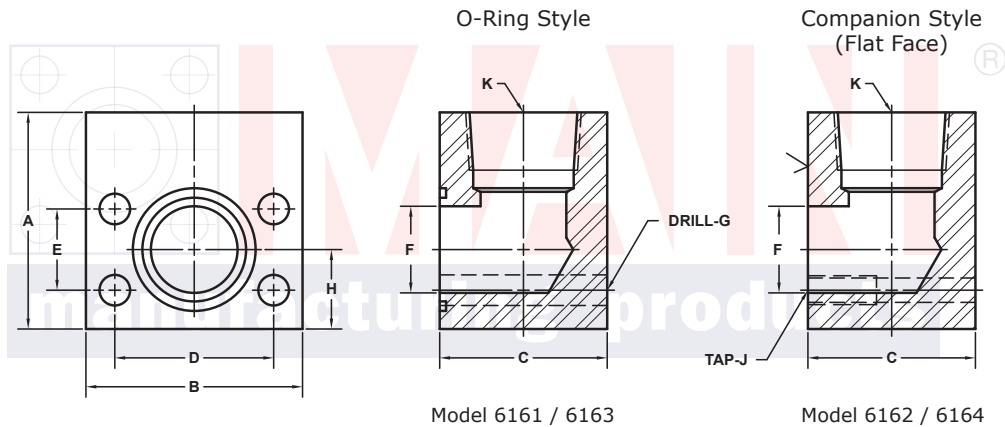
NPTF THREADED ELBOW FLANGES (Pg 2/2)

SAE J518 61 SERIES / ISO6162-1 PATTERN															
FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K NPTF	MOUNTING KIT ^①			WT
									PART NO.			SCREW SIZE	O-RING		
2	1¼	6161-32-20BM12†	4.50	4.00	2.96	3.062	1.688	1.94	13.0	1.62	1 1/4	MKM 4547	M12 x 90	228	11.3
		6162-32-20BM12†							M12x1.75			-----	-----	---	
2	1½	6161-32-24BM12†	4.50	4.00	2.96	3.062	1.688	1.94	13.0	1.62	1 1/2	MKM 4547	M12 x 90	228	10.9
		6162-32-24BM12†							M12x1.75			-----	-----	---	
2	2	6161-32-32BM12†	4.50	4.00	2.96	3.062	1.688	1.94	13.0	1.62	2	MKM 4547	M12 x 90	228	10.7
		6162-32-32BM12†							M12x1.75			-----	-----	---	
2½ ^②	1½	6161-40-24BM12†	5.00	4.50	3.96	3.500	2.000	2.44	13.0	2.00	1 1/2	MKM 4535	M12 x 120	232	18.5
		6162-40-24BM12†							M12x1.75			-----	-----	---	
2½ ^②	2	6161-40-32BM12†	5.00	4.50	3.96	3.500	2.000	2.44	13.0	2.00	2	MKM 4535	M12 x 120	232	17.8
		6162-40-32BM12†							M12x1.75			-----	-----	---	
2½ ^②	2½	6161-40-40BM12†	5.00	4.50	3.96	3.500	2.000	2.44	13.0	2.00	2 1/2	MKM 4535	M12 x 120	232	17.5
		6162-40-40BM12†							M12x1.75			-----	-----	---	
3 ^③	2	6161-48-32BM16	6.00	5.31	4.46	4.188	2.438	2.94	17.0	2.25	2	MKM 2532	M16 x 140	237	29.6
		6162-48-32BM16							M16x2			-----	-----	---	
3 ^③	2½	6161-48-40BM16	6.00	5.31	4.46	4.188	2.438	2.94	17.0	2.25	2 1/2	MKM 2532	M16 x 140	237	30.0
		6162-48-40BM16							M16x2			-----	-----	---	
3 ^③	3	6161-48-48BM16	6.00	5.31	4.46	4.188	2.438	2.94	17.0	2.25	3	MKM 2532	M16 x 140	237	27.6
		6162-48-48BM16							M16x2			-----	-----	---	
3½ ^④	3	6161-56-48BM16	6.00	6.00	5.00	4.750	2.750	3.44	17.0	2.50	3	MKM	M16 x	241	36.8
		6162-56-48BM16							M16x2			-----	-----	---	
3½ ^④	3½	6161-56-56BM16	6.25	6.00	5.40	4.750	2.750	3.44	17.0	2.50	3 1/2	MKM	M16 x	241	40.0
		6162-56-56BM16							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	H	K NPTF	MOUNTING KIT ^①			WT
									Jmm			PART NO.	SCREW SIZE	O-RING	
1½	1¼	6163-24-20BM16	4.00	4.50	2.96	3.125	1.437	1.50	17.0	1.62	1 1/4	MKM 553	M16 x 100	225	12.5
		6164-24-20BM16							M16x2			-----	-----	---	
1½	1½	6163-24-24BM16	4.00	4.50	2.96	3.125	1.437	1.50	17.0	1.62	1 1/2	MKM 553	M16 x 100	225	11.9
		6164-24-24BM16							M16x2			-----	-----	---	
1½	2	6163-24-32BM16	4.50	4.50	3.50	3.125	1.437	1.50	17.0	1.62	2	MKM 1598	M16 x 120	225	15.3
		6164-24-32BM16							M16x2			-----	-----	---	
2	1½	6163-32-24BM20	5.00	5.25	3.46	3.812	1.750	1.94	21.0	2.00	1 1/2	MKM 554	M20 x 120	228	20.7
		6164-32-24BM20							M20x2.5			-----	-----	---	
2	2	6163-32-32BM20	5.00	5.25	3.46	3.812	1.750	1.94	21.0	2.00	2	MKM 554	M20 x 120	228	20.2
		6164-32-32BM20							M20x2.5			-----	-----	---	
2½	2	6163-40-32BM24	6.00	6.88	4.00	4.875	2.312	2.44	25.5	2.50	2	MKM 555	M24 x 140	232	39.0
		6164-40-32BM24							M24x3			-----	-----	---	
2½	2½	6163-40-40BM24	6.00	6.88	4.00	4.875	2.312	2.44	25.5	2.50	2 1/2	MKM 555	M24 x 140	232	37.9
		6164-40-40BM24							M24x3			-----	-----	---	
3	3	6163-48-48BM30	7.00	8.50	5.00	6.000	2.812	2.94	32.0	3.00	3	MKM 556	M30 x 180	237	63.7
		6164-48-48BM30							M30x3.5			-----	-----	---	

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

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

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