

SAE J1926 THREADED ELBOW FLANGES (Pg 1/2)

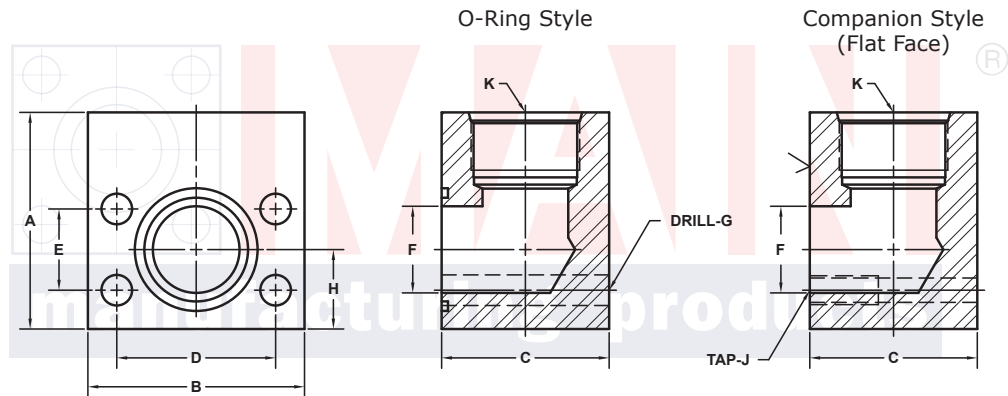
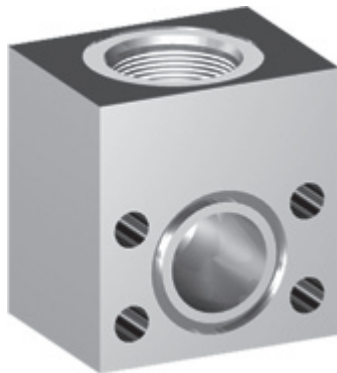
SAE J518 61 SERIES / ISO6162-1 PATTERN

FLANGE SIZE	ORB	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	-4	6177-08-04BM8	2.00	2.12	1.44	1.500	.688	.50	8.5	.75	7/16-20	MKM 541	M8 x 50	210	1.6
		6178-08-04BM8							M8x1.25			-----	-----	---	
1/2	-6	6177-08-06BM8	2.00	2.12	1.44	1.500	.688	.50	8.5	.75	9/16-18	MKM 541	M8 x 50	210	1.5
		6178-08-06BM8							M8x1.25			-----	-----	---	
1/2	-8	6177-08-08BM8	2.00	2.12	1.44	1.500	.688	.50	8.5	.75	3/4-16	MKM 541	M8 x 50	210	1.5
		6178-08-08BM8							M8x1.25			-----	-----	---	
3/4	-8	6177-12-08BM10	2.50	2.62	1.70	1.875	.875	.75	10.5	.88	3/4-16	MKM 542	M10 x 60	214	2.8
		6178-12-08BM10							M10x1.5			-----	-----	---	
3/4	-10	6177-12-10BM10	2.50	2.62	1.70	1.875	.875	.75	10.5	.88	7/8-14	MKM 542	M10 x 60	214	2.7
		6178-12-10BM10							M10x1.5			-----	-----	---	
3/4	-12	6177-12-12BM10	2.50	2.62	1.70	1.875	.875	.75	10.5	.88	1 1/16-12	MKM 542	M10 x 60	214	2.5
		6178-12-12BM10							M10x1.5			-----	-----	---	
3/4	-16	6177-12-16BM10	3.00	2.62	2.00	1.875	.875	.75	10.5	.88	1 5/16-12	MKM	M10 x	214	3.4
		6178-12-16BM10							M10x1.5			-----	-----	---	
1	-12	6177-16-12BM10	3.00	2.82	1.94	2.062	1.031	1.00	10.5	1.00	1 1/16-12	MKM 543	M10 x 65	219	4.0
		6178-16-12BM10							M10x1.5			-----	-----	---	
1	-14	6177-16-14BM10	3.00	2.82	1.94	2.062	1.031	1.00	10.5	1.00	1 3/16-12	MKM 543	M10 x 65	219	3.9
		6178-16-14BM10							M10x1.5			-----	-----	---	
1	-16	6177-16-16BM10	3.00	2.82	1.94	2.062	1.031	1.00	10.5	1.00	1 5/16-12	MKM 543	M10 x 65	219	3.7
		6178-16-16BM10							M10x1.5			-----	-----	---	
1	-20	6177-16-20BM10	3.50	2.82	2.50	2.062	1.031	1.00	10.5	1.00	1 5/8-12	MKM 577	M10 x 80	219	4.4
		6178-16-20BM10							M10x1.5			-----	-----	---	

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 6177 / 6179

Model 6178 / 6180

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	ORB	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT ^①			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	-6	6179-08-06BM8	2.00	2.22	1.46	1.594	.718	.50	8.5	.88	9/16-18	MKM 541	M8 x 50	210	1.6
		6180-08-06BM8							M8x1.25			-----	-----	---	
1/2	-8	6179-08-08BM8	2.00	2.22	1.46	1.594	.718	.50	8.5	.88	3/4-16	MKM 541	M8 x 50	210	1.6
		6180-08-08BM8							M8x1.25			-----	-----	---	
3/4	-8	6179-12-08BM10	2.50	2.81	1.70	2.000	.937	.75	10.5	1.00	3/4-16	MKM 542	M10 x 60	214	3.1
		6180-12-08BM10							M10x1.5			-----	-----	---	
3/4	-10	6179-12-10BM10	2.50	2.81	1.70	2.000	.937	.75	10.5	1.00	7/8-14	MKM 542	M10 x 60	214	3.0
		6180-12-10BM10							M10x1.5			-----	-----	---	
3/4	-12	6179-12-12BM10	2.50	2.81	1.70	2.000	.937	.75	10.5	1.00	1 1/16-12	MKM 542	M10 x 60	214	2.8
		6180-12-12BM10							M10x1.5			-----	-----	---	
1	-12	6179-16-12BM12	3.00	3.19	1.96	2.250	1.093	1.00	12.5	1.12	1 1/16-12	MKM 551	M12 x 70	219	4.6
		6180-16-12BM12							M12x1.75			-----	-----	---	
1	-14	6179-16-14BM12	3.00	3.19	1.96	2.250	1.093	1.00	12.5	1.12	1 3/16-12	MKM 551	M12 x 70	219	4.5
		6180-16-14BM12							M12x1.75			-----	-----	---	
1	-16	6179-16-16BM12	3.00	3.19	1.96	2.250	1.093	1.00	12.5	1.12	1 5/16-12	MKM 551	M12 x 70	219	4.3
		6180-16-16BM12							M12x1.75			-----	-----	---	

① Order Separately

NOTE: The Pressure Rating of the Assembly Should NOT Exceed the Lower of the Flange Pad or the Fitting. Check the Fitting Manufacturer for Details.

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

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SAE J1926 THREADED ELBOW FLANGES (Pg 2/2)

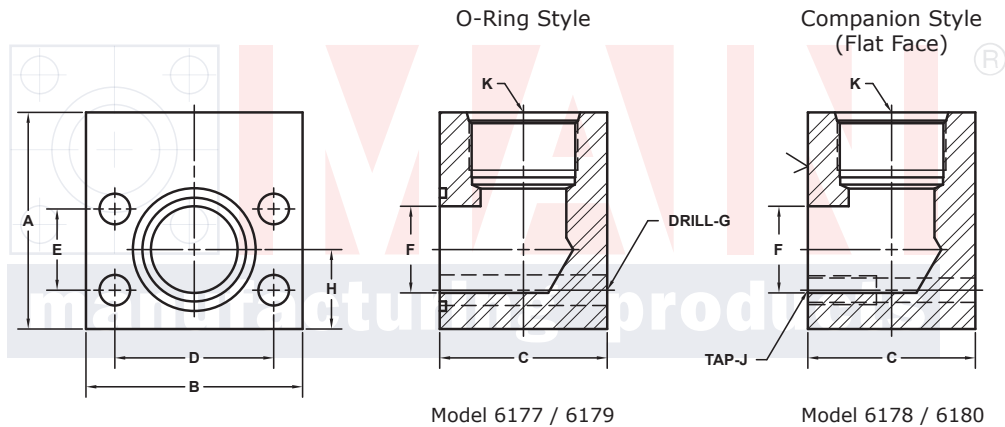
SAE J518 61 SERIES / ISO6162-1 PATTERN

FLANGE SIZE	ORB	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1¼	-16	6177-20-16BM10†	3.50	3.19	2.40	2.312	1.188	1.25	10.5	1.25	1 5/16-12	MKM 4532	M10 x 75	222	6.3
		6178-20-16BM10†							M10x1.5			-----	-----	---	
1¼	-20	6177-20-20BM10†	3.50	3.19	2.40	2.312	1.188	1.25	10.5	1.25	1 5/8-12	MKM 4532	M10 x 75	222	6.1
		6178-20-20BM10†							M10x1.5			-----	-----	---	
1¼	-24	6177-20-24BM10†	4.00	3.19	3.00	2.312	1.188	1.25	10.5	1.25	1 7/8-12	MKM 4597	M10 x 90	222	8.1
		6178-20-24BM10†							M10x1.5			-----	-----	---	
1½	-16	6177-24-16BM12‡	4.00	3.75	2.90	2.750	1.406	1.50	13.0	1.38	1 5/16-12	MKM 4533	M12 x 90	225	10.1
		6178-24-16BM12‡							M12x1.75			-----	-----	---	
1½	-20	6177-24-20BM12‡	4.00	3.75	2.90	2.750	1.406	1.50	13.0	1.38	1 5/8-12	MKM 4533	M12 x 90	225	10.0
		6178-24-20BM12‡							M12x1.75			-----	-----	---	
1½	-24	6177-24-24BM12‡	4.00	3.75	2.90	2.750	1.406	1.50	13.0	1.38	1 7/8-12	MKM 4533	M12 x 90	225	9.8
		6178-24-24BM12‡							M12x1.75			-----	-----	---	
1½	-32	6177-24-32BM12‡	4.00	4.00	4.00	2.750	1.406	1.50	13.0	1.38	2 1/2-12	MKM 4566	M12 x 120	225	13.6
		6178-24-32BM12‡							M12x1.75			-----	-----	---	
2	-16	6177-32-16BM12‡	4.50	4.00	3.00	3.062	1.688	1.94	13.0	1.62	1 5/16-12	MKM 4547	M12 x 90	228	12.0
		6178-32-16BM12‡							M12x1.75			-----	-----	---	
2	-20	6177-32-20BM12‡	4.50	4.00	3.00	3.062	1.688	1.94	13.0	1.62	1 5/8-12	MKM 4547	M12 x 90	228	11.6
		6178-32-20BM12‡							M12x1.75			-----	-----	---	
2	-24	6177-32-24BM12‡	4.50	4.00	3.00	3.062	1.688	1.94	13.0	1.62	1 7/8-12	MKM 4547	M12 x 90	228	11.1
		6178-32-24BM12‡							M12x1.75			-----	-----	---	
2	-32	6177-32-32BM12‡	4.25	4.00	3.94	3.062	1.688	1.94	13.0	1.62	2 1/2-12	MKM 3550	M12 x 120	228	13.9
		6178-32-32BM12‡							M12x1.75			-----	-----	---	

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).

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MATERIAL:
304L Stainless



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SAE J518 62 SERIES / ISO6162-2 PATTERN

FLANGE SIZE	ORB	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT ^①			WT
									PART NO.			SCREW SIZE	O-RING		
1¼	-16	6179-20-16BM12‡	4.00	3.75	2.40	2.625	1.250	1.25	13.0	1.38	1 5/16-12	MKM 578	M12 x 80	222	8.6
		6180-20-16BM12‡							M12x1.75			-----	-----	---	
1¼	-20	6179-20-20BM12‡	4.00	3.75	2.40	2.625	1.250	1.25	13.0	1.38	1 5/8-12	MKM 578	M12 x 80	222	8.6
		6180-20-20BM12‡							M12x1.75			-----	-----	---	
1½	-16	6179-24-16BM16	4.00	4.50	2.96	3.125	1.437	1.50	17.0	1.62	1 5/16-12	MKM 553	M16 x 100	225	12.7
		6180-24-16BM16							M16x2			-----	-----	---	
1½	-20	6179-24-20BM16	4.00	4.50	2.96	3.125	1.437	1.50	17.0	1.62	1 5/8-12	MKM 553	M16 x 100	225	12.5
		6180-24-20BM16							M16x2			-----	-----	---	
1½	-24	6179-24-24BM16	4.00	4.50	2.96	3.125	1.437	1.50	17.0	1.62	1 7/8-12	MKM 553	M16 x 100	225	12.2
		6180-24-24BM16							M16x2			-----	-----	---	
2	-20	6179-32-20BM20	5.00	5.25	3.46	3.812	1.750	1.94	21.0	2.00	1 5/8-12	MKM 554	M20 x 120	228	15.9
		6180-32-20BM20							M20x2.5			-----	-----	---	
2	-24	6179-32-24BM20	5.00	5.25	3.46	3.812	1.750	1.94	21.0	2.00	1 7/8-12	MKM 554	M20 x 120	228	15.5
		6180-32-24BM20							M20x2.5			-----	-----	---	
2	-32	6179-32-32BM20	5.00	5.25	3.94	3.812	1.750	1.94	21.0	2.00	2 1/2-12	MKM 1507	M20 x 130	228	21.1
		6180-32-32BM20							M20x2.5			-----	-----	---	

① Order Separately

NOTE: The Pressure Rating of the Assembly Should NOT Exceed the Lower of the Flange Pad or the Fitting. Check the Fitting Manufacturer for Details.

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