

FLANGED ELBOW FLANGES (Pg 1/2)

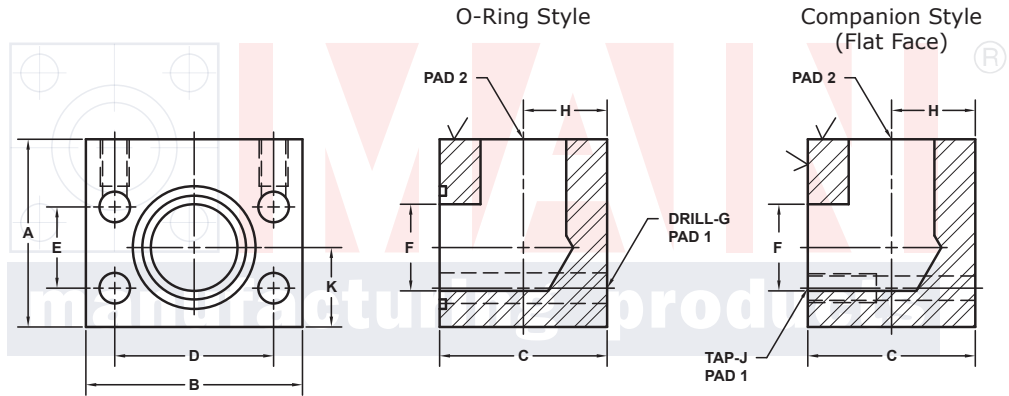
SAE J518 61 SERIES / ISO6162-1 PATTERN

PAD 1 SIZE	PAD 2 SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT ^①			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6571-08M8-08BM8	2.25	2.12	2.25	1.500	.688	.50	8.5	.78	.78	MKM	M8 x 70	210	2.8
		6572-08M8-08BM8							M8x1.25			-----	-----	---	
3/4	3/4	6181-12M-12BM	2.50	2.62	2.25	1.875	.875	.75	10.5	1.03	1.03	MKM 576	M10 x 70	214	3.5
		6182-12M-12BM							M10x1.5			-----	-----	---	
3/4	1	6181-12M-16BM	2.50	2.82	2.50	1.875	.875	.75	10.5	1.25	1.03	MKM 595	M10 x 80	214	4.3
		-----	USE PART # 6182-16M-12BM						-----	-----	---				
1	1	6181-16M-16BM	2.50	2.82	2.50	2.062	1.031	1.00	10.5	1.16	1.09	MKM 577	M10 x 80	219	4.0
		6182-16M-16BM							M10x1.5			-----	-----	---	
1	1 1/4	6181-16M-20BM†	3.00	3.25	3.00	2.062	1.031	1.00	10.5	1.44	1.09	MKM 3530	M10 x 90	219	7.0
		-----	USE PART # 6182-20M†-16BM						-----	-----	---				
1 1/4	1	6181-20M†-16BM	3.25	3.19	3.25	2.312	1.188	1.25	10.5	1.38	1.38	MKM	M10 x	222	8.2
		6182-20M†-16BM							M10x1.5			-----	-----	---	
1 1/4	1 1/4	6181-20M†-20BM†	3.25	3.19	3.25	2.312	1.188	1.25	10.5	1.38	1.38	MKM	M10 x	222	7.9
		6182-20M†-20BM†							M10x1.5			-----	-----	---	
1 1/4	1 1/2	6181-20M†-24BM‡	3.50	3.75	3.50	2.312	1.188	1.25	10.5	1.62	1.38	MKM	M10 x	222	11.0
		-----	USE PART # 6182-24M‡-20BM†						-----	-----	---				
1 1/2	1 1/4	6181-24M‡-20BM†	4.00	3.75	3.00	2.750	1.406	1.50	13.0	1.50	1.38	MKM 3521	M12 x 100	225	10.7
		6182-24M‡-20BM†							M12x1.75			-----	-----	---	
1 1/2	1 1/2	6181-24M‡-24BM‡	3.50	3.75	3.50	2.750	1.406	1.50	13.0	1.62	1.62	MKM 5549	M12 x 110	225	10.7
		6182-24M‡-24BM‡							M12x1.75			-----	-----	---	
1 1/2	2	6181-24M‡-32BM‡	4.00	4.00	4.00	2.750	1.406	1.50	13.0	1.91	1.62	MKM 4566	M12 x 120	225	14.6
		-----	USE PART # 6182-32M‡-24BM‡						-----	-----	---				

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 6181 / 6183

Model 6182 / 6184

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

PAD 1 SIZE	PAD 2 SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT①			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6183-08M8-08BM8	2.00	2.22	2.00	1.594	.718	.50	8.5	.94	.81	MKM 575	M8 x 60	210	2.3
		6184-08M8-08BM8							M8x1.25			-----	-----	---	
3/4	1/2	6183-12M-08BM	2.50	2.81	2.50	2.000	.937	.75	10.5	1.19	1.06	MKM 595	M10 x 80	214	4.5
		6184-12M-08BM							M10x1.5			-----	-----	---	
3/4	3/4	6183-12M-12BM	2.50	2.81	2.50	2.000	.937	.75	10.5	1.19	1.06	MKM 595	M10 x 80	214	4.4
		6184-12M-12BM							M10x1.5			-----	-----	---	
1	3/4	6183-16M-12BM	3.00	3.19	3.00	2.250	1.093	1.00	12.5	1.38	1.38	MKM 596	M12 x 100	219	7.3
		6184-16M-12BM							M12x1.75			-----	-----	---	
1	1	6183-16M-16BM	3.00	3.19	3.00	2.250	1.093	1.00	12.5	1.38	1.38	MKM 596	M12 x 100	219	7.2
		6184-16M-16BM							M12x1.75			-----	-----	---	
1 1/4	1	6183-20M+-16BM	3.50	3.75	3.00	2.625	1.250	1.25	13.0	110.5	1.50	MKM	M12 x	222	9.3
		6184-20M+-16BM							M12x1.75			-----	-----	---	
1 1/4	1 1/4	6183-20M+-20BM+	3.50	3.75	3.50	2.625	1.250	1.25	13.0	1.62	110.5	MKM 5548	M12 x 110	222	10.8
		6184-20M+-20BM+							M12x1.75			-----	-----	---	
1 1/4	1 1/2	6183-20M+-24BM	4.00	4.50	4.00	2.625	1.250	1.25	13.0	1.90	1.75	MKM 2560	M12 x 120	222	17.5
		-----							-----			-----	-----	---	

① Order Separately

FLANGED ELBOW FLANGES (Pg 2/2)

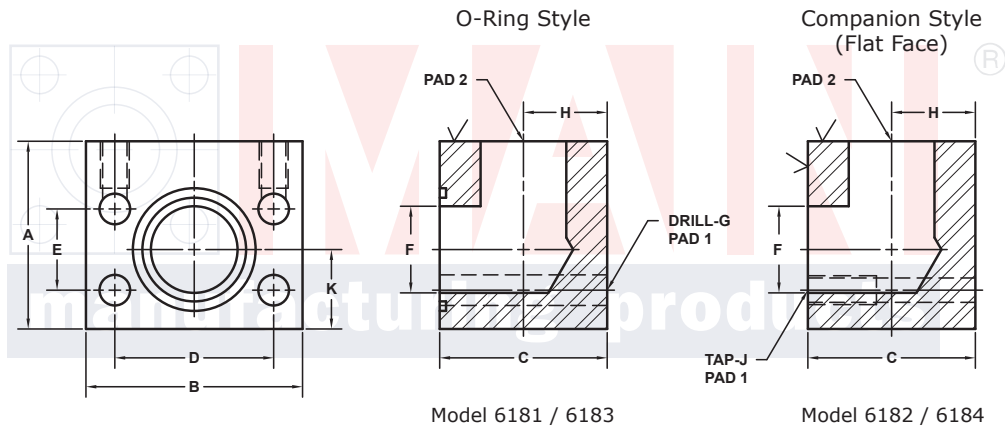
SAE J518 61 SERIES / ISO6162-1 PATTERN

PAD 1 SIZE	PAD 2 SIZE	PART NUMBER	A	B	C	D	E	F	Gmm Jmm	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
2	1¼	6181-32M+-20BM+	4.50	4.00	3.00	3.062	1.688	1.94	13.0	1.44	1.62	MKM 4547	M12 x 90	228	12.3
		6182-32M+-20BM+							M12x1.75			-----	-----	---	
2	1½	6181-32M+-24BM+	4.00	4.00	4.00	3.062	1.688	1.94	13.0	1.91	1.91	MKM 3550	M12 x 120	228	14.5
		6182-32M+-24BM+							M12x1.75			-----	-----	---	
2	2	6181-32M+-32BM+	4.00	4.00	4.00	3.062	1.688	1.94	13.0	1.91	1.91	MKM 3550	M12 x 120	228	13.9
		6182-32M+-32BM+							M12x1.75			-----	-----	---	
2½ ^②	2	6181-40M+-32BM+	4.50	4.50	4.50	3.500	2.000	2.44	13.0	2.14	2.25	MKM 4529	M12 x 130	232	19.8
		6182-40M+-32BM+							M12x1.75			-----	-----	---	
2½ ^②	2½	6181-40M+-40BM+	4.50	4.50	4.50	3.500	2.000	2.44	13.0	2.14	2.25	MKM 4529	M12 x 130	232	18.8
		6182-40M+-40BM+							M12x1.75			-----	-----	---	
3 ^③	2	6181-48M-32BM+	5.00	5.31	4.00	4.188	2.438	2.94	17.0	1.91	2.25	MKM	M16 x	237	22.1
		6182-48M-32BM+							M16x2			-----	-----	---	
3 ^③	2½	6181-48M-40BM+	5.50	5.31	5.50	4.188	2.438	2.94	17.0	2.58	2.75	MKM 594	M16 x 160	237	34.3
		6182-48M-40BM+							M16x2			-----	-----	---	
3 ^③	3	6181-48M-48BM	5.50	5.31	5.50	4.188	2.438	2.94	17.0	2.58	2.75	MKM 594	M16 x 160	237	32.7
		6182-48M-48BM							M16x2			-----	-----	---	
3½ ^④	3½	6181-56M-56BM	6.00	6.00	6.00	4.750	2.750	3.44	17.0	3.00	3.00	MKM 1589	M16 x 180	241	45.0
		6182-56M-56BM							M16x2			-----	-----	---	
4 ^④	4	6181-64M-64BM	6.00	6.38	6.00	5.125	3.062	3.94	17.0	2.81	3.00	MKM 550	M16 x 180	245	43.0
		6182-64M-64BM							M16x2			-----	-----	---	
5 ^④	5	6181-80M-80BM				6.000	3.625		17.0					253	
		6182-80M-80BM							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 6181 / 6183

Model 6182 / 6184



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

PAD 1 SIZE	PAD 2 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	6183-24M-20BM+	4.00	4.50	4.00	3.125	1.437	1.50	17.0	1.88	1.75	MKM 597	M16 x 130	225	17.4
		6184-24M-20BM+							M16x2			-----	-----	---	
1½	1½	6183-24M-24BM	4.00	4.50	4.00	3.125	1.437	1.50	17.0	1.88	1.75	MKM 597	M16 x 130	225	16.9
		6184-24M-24BM							M16x2			-----	-----	---	
1½	2	6183-24M-32BM	4.50	5.25	5.00	3.125	1.437	1.50	17.0	2.50	1.75	MKM 3503	M16 x 6	225	29.0
		-----							USE PART # 6184-32M-24BM			-----	-----	---	
2	1½	6183-32M-24BM	5.00	5.25	5.00	3.812	1.750	1.94	21.0	2.25	2.50	MKM 5554	M20 x 160	228	31.8
		6184-32M-24BM							M20x2.5			-----	-----	---	
2	2	6183-32M-32BM	5.00	5.25	5.00	3.812	1.750	1.94	21.0	2.25	2.50	MKM 5554	M20 x 160	228	31.5
		6184-32M-32BM							M20x2.5			-----	-----	---	
2½	2	6183-40M-32BM	6.00	7.00	5.00	4.875	2.312	2.44	25.5	2.50	2.50	MKM	M24 x	232	49.7
		6184-40M-32BM							M24x3			-----	-----	---	
2½	2½	6183-40M-40BM	6.00	7.00	6.00	4.875	2.312	2.44	25.5	2.75	2.50	MKM 1596	M24 x 160	232	56.6
		6184-40M-40BM							M24x3			-----	-----	---	
3	3	6183-48M-48BM	7.00	8.50	7.00	6.000	2.812	2.94	32.0	3.25	3.00	MKM	M30 x	237	92.4
		6184-48M-48BM							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

© Copyright MAIN Mfg. 2017