

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

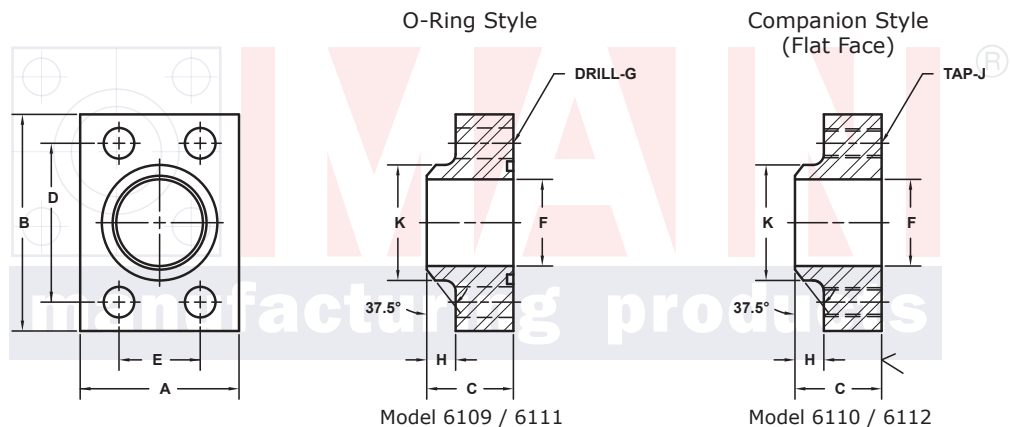
For Schedule 80 Pipe ⑥

SAE BOLT PATTERN										61 SERIES						
FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	G	H	K	MOUNTING KIT®			WT	
									J			PART NO.	SCREW SIZE	O-RING		
1/2	1/2	6109-08-08D	1.50	2.12	1.25	1.500	.688	.53	.34	.38	.88	MK 512	5/16-18 x 1 1/2	210	.7	
		6110-08-08D							5/16-18			-----	-----	---		
3/4	1/2	6109-12-08D	1.75	2.62	1.25	1.875	.875	.53	.41	.38	.88	MK 1525	3/8-16 x 1 1/2	214	1.0	
		6110-12-08D							3/8-16			-----	-----	---		
3/4	3/4	6109-12-12D	1.75	2.62	1.25	1.875	.875	.75	.41	.38	1.12	MK 1525	3/8-16 x 1 1/2	214	1.0	
		6110-12-12D							3/8-16			-----	-----	---		
1	3/4	6109-16-12D	2.00	2.82	1.25	2.062	1.031	.75	.41	.38	1.12	MK 1542	3/8-16 x 1 1/2	219	1.3	
		6110-16-12D							3/8-16			-----	-----	---		
1	1	6109-16-16D	2.00	2.82	1.25	2.062	1.031	.94	.41	.38	1.38	MK 1542	3/8-16 x 1 1/2	219	1.2	
		6110-16-16D							3/8-16			-----	-----	---		
1 1/4	1	6109-20-16D	2.50	3.19	1.25	2.312	1.188	.94	.47	.38	1.38	MK 1527	7/16-14 x 1 1/2	222	1.8	
		6110-20-16D							7/16-14			-----	-----	---		
1 1/4	1 1/4	6109-20-20D	2.50	3.19	1.25	2.312	1.188	1.25	.47	.38	1.75	MK 1527	7/16-14 x 1 1/2	222	1.6	
		6110-20-20D							7/16-14			-----	-----	---		
1 1/4	1 1/2	-----	2.50	3.19	1.50	2.312	1.188	1.25	---	.50	2.00	-----	-----	---	2.1	
		6110-20-24D							7/16-14			-----	-----	---		
1 1/2	1 1/4	6109-24-20D	2.75	3.75	1.50	2.750	1.406	1.25	.53	.50	1.75	MK 1547	1/2-13 x 1 3/4	225	2.6	
		6110-24-20D							1/2-13			-----	-----	---		
1 1/2	1 1/2	6109-24-24D	2.75	3.75	1.50	2.750	1.406	1.50	.53	.50	2.00	MK 1547	1/2-13 x 1 3/4	225	2.3	
		6110-24-24D							1/2-13			-----	-----	---		
1 1/2	2	-----	3.50	3.75	2.25	2.750	1.406	1.50	---	.50	2.50	-----	-----	---	5.8	
		6110-24-32D							1/2-13			-----	-----	---		

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.



Model 6109 / 6111

Model 6110 / 6112

3181 TRI-PARK DR. GRAND BLANC, MI 48439 800-521-7918 810-953-1380 FAX 810-953-1385 INFO@MAINMFG.COM

SAE BOLT PATTERN										62 SERIES					
FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	G J	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1/2	1/2	6111-08-08D	1.75	2.22	1.25	1.594	.718	.53	.34	.38	.88	MK 512	5/16-18 x 1 1/2	210	.8
		6112-08-08D							5/16-18			-----	-----	---	
3/4	1/2	6111-12-08D	2.00	2.81	1.25	2.000	.937	.53	.41	.38	.88	MK 1525	3/8-16 x 1 1/2	214	1.3
		6112-12-08D							3/8-16			-----	-----	---	
3/4	3/4	6111-12-12D	2.00	2.81	1.25	2.000	.937	.75	.41	.38	1.12	MK 1525	3/8-16 x 1 1/2	214	1.3
		6112-12-12D							3/8-16			-----	-----	---	
1	3/4	6111-16-12D	2.25	3.19	1.25	2.250	1.093	.75	.47	.38	1.12	MK 513	7/16-14 x 1 3/4	219	1.6
		6112-16-12D							7/16-14			-----	-----	---	
1	1	6111-16-16D	2.25	3.19	1.25	2.250	1.093	.94	.47	.38	1.38	MK 513	7/16-14 x 1 3/4	219	1.5
		6112-16-16D							7/16-14			-----	-----	---	
1 1/4	1	6111-20-16D	2.75	3.75	1.25	2.625	1.250	.94	.53	.38	1.38	MK 529	1/2-13 x 1 3/4	222	2.3
		6112-20-16D							1/2-13			-----	-----	---	
1 1/4	1 1/4	6111-20-20D	2.75	3.75	1.25	2.625	1.250	1.25	.53	.38	1.75	MK 529	1/2-13 x 1 3/4	222	2.1
		6112-20-20D							1/2-13			-----	-----	---	
1 1/4	1 1/2	-----	3.00	3.75	1.50	2.625	1.250	1.25	----	.50	2.00	-----	-----	---	3.1
		6112-20-24D							1/2-13			-----	-----	---	

① Order Separately

⑥ Other Pipe and Tube Sizes are Available

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

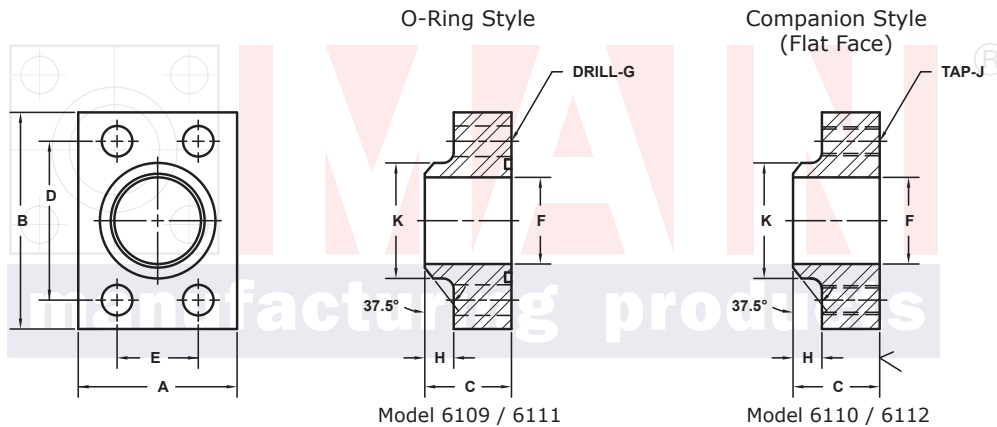
For Schedule 80 Pipe ®

SAE BOLT PATTERN										61 SERIES					
FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	G J	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
2	1¼	6109-32-20D	3.25	4.00	1.50	3.062	1.688	1.25	.53	.50	1.75	MK 582	1/2-13 x 1 3/4	228	3.4
		6110-32-20D							1/2-13			-----	-----	---	
2	1½	6109-32-24D	3.25	4.00	1.50	3.062	1.688	1.50	.53	.50	2.00	MK 582	1/2-13 x 1 3/4	228	3.2
		6110-32-24D							1/2-13			-----	-----	---	
2	2	6109-32-32D	3.25	4.00	1.50	3.062	1.688	1.94	.53	.50	2.50	MK 582	1/2-13 x 1 3/4	228	2.8
		6110-32-32D							1/2-13			-----	-----	---	
2½ ^②	2	6109-40-32D	4.00	4.50	1.75	3.500	2.000	1.94	.53	.50	2.50	MK 561	1/2-13 x 2	232	5.4
		6110-40-32D							1/2-13			-----	-----	---	
2½ ^②	2½	6109-40-40D	4.00	4.50	1.75	3.500	2.000	2.32	.53	.50	3.00	MK 561	1/2-13 x 2	232	4.8
		6110-40-40D							1/2-13			-----	-----	---	
3 ^③	2½	6109-48-40D	4.50	5.31	2.00	4.188	2.438	2.32	.66	.50	3.00	MK 585	5/8-11 x 2 1/2	237	8.3
		6110-48-40D							5/8-11			-----	-----	---	
3 ^③	3	6109-48-48D	4.50	5.31	2.00	4.188	2.438	2.90	.66	.50	3.50	MK 585	5/8-11 x 2 1/2	237	7.2
		6110-48-48D							5/8-11			-----	-----	---	
3½ ^④	3	6109-56-48D	5.00	6.00	1.50	4.750	2.750	2.90	.66	.50	3.50	MK 1571	5/8-11 x 2	241	6.8
		6110-56-48D							5/8-11			-----	-----	---	
3½ ^④	3½	6109-56-56D	5.00	6.00	1.50	4.750	2.750	3.36	.66	.50	4.00	MK 1571	5/8-11 x 2	241	5.9
		6110-56-56D							5/8-11			-----	-----	---	
4 ^④	3	6109-64-48D	5.50	6.38	1.50	5.125	3.062	2.90	.66	.50	3.50	MK 1572	5/8-11 x 2	245	8.2
		6110-64-48D							5/8-11			-----	-----	---	
4 ^④	4	6109-64-64D	5.50	6.38	1.50	5.125	3.062	3.83	.66	.50	4.50	MK 1572	5/8-11 x 2	245	6.7
		6110-64-64D							5/8-11			-----	-----	---	

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 6109 / 6111

Model 6110 / 6112



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SAE BOLT PATTERN									62 SERIES						
FLANGE SIZE	PIPE SIZE	PART NUMBER	A	B	C	D	E	F	G J	H	K	MOUNTING KIT®			WT
									PART NO.			SCREW SIZE	O-RING		
1½	1¼	6111-24-20D	3.25	4.50	1.50	3.125	1.437	1.25	.66	.50	1.75	MK 562	5/8-11 x 2	225	3.7
		6112-24-20D							5/8-11			-----	-----	---	
1½	1½	6111-24-24D	3.25	4.50	1.50	3.125	1.437	1.50	.66	.50	2.00	MK 562	5/8-11 x 2	225	3.3
		6112-24-24D							5/8-11			-----	-----	---	
1½	2	-----	4.00	4.50	2.00	3.125	1.437	1.50	----	.50	2.50	-----	-----	---	6.9
		6112-24-32D							5/8-11			-----	-----	---	
2	1½	6111-32-24D	4.00	5.25	1.75	3.812	1.750	1.50	.78	.50	2.00	MK 1548	3/4-10 x 2 1/2	228	6.6
		6112-32-24D							3/4-10			-----	-----	---	
2	2	6111-32-32D	4.00	5.25	1.75	3.812	1.750	1.94	.78	.50	2.50	MK 1548	3/4-10 x 2 1/2	228	5.9
		6112-32-32D							3/4-10			-----	-----	---	
2½	2	6111-40-32D	5.00	6.88	2.00	4.875	2.312	1.94	.94	.50	2.50	MK 1575	7/8-9 x 2 3/4	232	12.8
		6112-40-32D							7/8-9			-----	-----	---	
2½	2½	6111-40-40D	5.00	6.88	2.00	4.875	2.312	2.32	.94	.50	3.00	MK 1575	7/8-9 x 2 3/4	232	12.0
		6112-40-40D							7/8-9			-----	-----	---	
3	3	6111-48-48D	6.00	8.50	2.50	6.000	2.812	2.90	1.19	.50	3.50	MK 1776	1 1/8-7 x 4	237	23.3
		6112-48-48D							1 1/8-7			-----	-----	---	

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

® Other Pipe and Tube Sizes are Available