

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

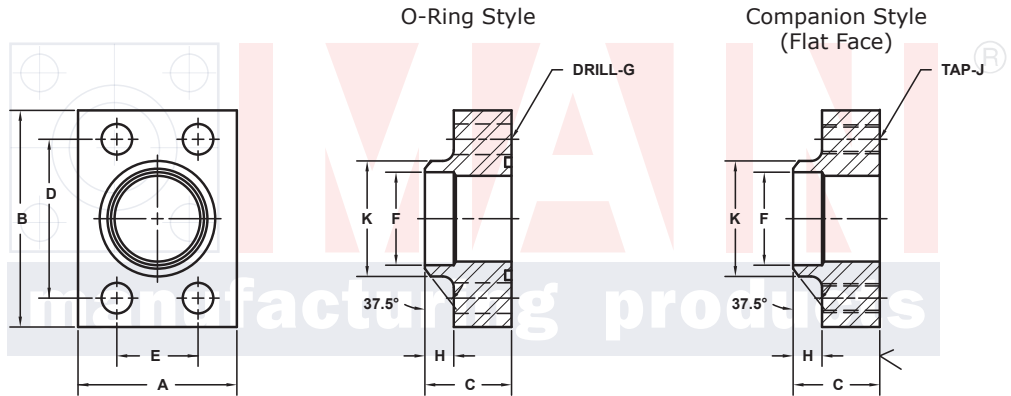
For Schedule 40 Pipe ⑥

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	6105-08-08D	1.50	2.12	1.25	1.500	.688	.62	.34	.38	.88	MK 512	5/16-18 x 1 1/2	210	.7
		5/16-18													
3/4	1/2	6105-12-08D	1.75	2.62	1.25	1.875	.875	.62	.41	.38	.88	MK 1525	3/8-16 x 1 1/2	214	1.0
		3/8-16													
3/4	3/4	6105-12-12D	1.75	2.62	1.25	1.875	.875	.82	.41	.38	1.12	MK 1525	3/8-16 x 1 1/2	214	1.0
		3/8-16													
1	3/4	6105-16-12D	2.00	2.82	1.25	2.062	1.031	.82	.41	.38	1.12	MK 1542	3/8-16 x 1 1/2	219	1.3
		3/8-16													
1	1	6105-16-16D	2.00	2.82	1.25	2.062	1.031	1.04	.41	.38	1.38	MK 1542	3/8-16 x 1 1/2	219	1.2
		3/8-16													
1 1/4	1	6105-20-16D	2.50	3.19	1.25	2.312	1.188	1.04	.47	.38	1.38	MK 1527	7/16-14 x 1 1/2	222	1.7
		7/16-14													
1 1/4	1 1/4	6105-20-20D	2.50	3.19	1.25	2.312	1.188	1.38	.47	.38	1.75	MK 1527	7/16-14 x 1 1/2	222	1.6
		7/16-14													
1 1/4	1 1/2	6106-20-24D	2.50	3.19	1.50	2.312	1.188	1.61	---	.50	2.00	---	---	---	2.0
		7/16-14													
1 1/2	1 1/4	6105-24-20D	2.75	3.75	1.50	2.750	1.406	1.38	.53	.50	1.75	MK 1547	1/2-13 x 1 3/4	225	2.6
		1/2-13													
1 1/2	1 1/2	6105-24-24D	2.75	3.75	1.50	2.750	1.406	1.61	.53	.50	2.00	MK 1547	1/2-13 x 1 3/4	225	2.3
		1/2-13													
1 1/2	2	6106-24-32D	3.50	3.75	2.25	2.750	1.406	2.06	---	.50	2.50	---	---	---	5.6
		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 6105 / 6107

Model 6106 / 6108

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	H	K	MOUNTING KIT®			WT
									J			PART NO.	SCREW SIZE	O-RING	
1/2	1/2	6107-08-08D	1.75	2.22	1.25	1.594	.718	.62	.34	.38	.88	MK 512	5/16-18 x 1 1/2	210	.8
		5/16-18													
3/4	1/2	6107-12-08D	2.00	2.81	1.25	2.000	.937	.62	.41	.38	.88	MK 1525	3/8-16 x 1 1/2	214	1.3
		3/8-16													
3/4	3/4	6107-12-12D	2.00	2.81	1.25	2.000	.937	.82	.41	.38	1.12	MK 1525	3/8-16 x 1 1/2	214	1.3
		3/8-16													
1	3/4	6107-16-12D	2.25	3.19	1.25	2.250	1.093	.82	.47	.38	1.12	MK 513	7/16-14 x 1 3/4	219	1.6
		7/16-14													
1	1	6107-16-16D	2.25	3.19	1.25	2.250	1.093	1.04	.47	.38	1.38	MK 513	7/16-14 x 1 3/4	219	1.5
		7/16-14													
1 1/4	1	6107-20-16D	2.75	3.75	1.25	2.625	1.250	1.04	.53	.38	1.38	MK 529	1/2-13 x 1 3/4	222	2.3
		1/2-13													
1 1/4	1 1/4	6107-20-20D	2.75	3.75	1.25	2.625	1.250	1.38	.53	.38	1.75	MK 529	1/2-13 x 1 3/4	222	2.1
		1/2-13													
1 1/4	1 1/2	6108-20-24D	3.00	3.75	1.50	2.625	1.250	1.61	---	.50	2.00	---	---	---	3.1
		1/2-13													

① Order Separately

⑥ Other Pipe and Tube Sizes are Available

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

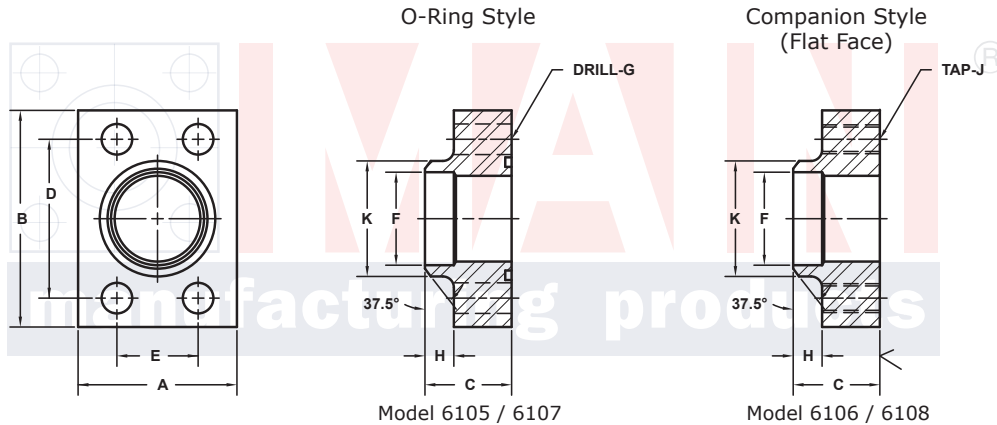
For Schedule 40 Pipe ©

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	1 1/4	6105-32-20D	3.25	4.00	1.50	3.062	1.688	1.38	.53	.50	1.75	MK 582	1/2-13 x 1 3/4	228	3.3
		6106-32-20D							1/2-13						
2	1 1/2	6105-32-24D	3.25	4.00	1.50	3.062	1.688	1.61	.53	.50	2.00	MK 582	1/2-13 x 1 3/4	228	3.2
		6106-32-24D							1/2-13						
2	2	6105-32-32D	3.25	4.00	1.50	3.062	1.688	2.06	.53	.50	2.50	MK 582	1/2-13 x 1 3/4	228	2.8
		6106-32-32D							1/2-13						
2 1/2 ^②	2	6105-40-32D	4.00	4.50	1.75	3.500	2.000	2.06	.53	.50	2.50	MK 561	1/2-13 x 2	232	5.3
		6106-40-32D							1/2-13						
2 1/2 ^②	2 1/2	6105-40-40D	4.00	4.50	1.75	3.500	2.000	2.47	.53	.50	3.00	MK 561	1/2-13 x 2	232	4.8
		6106-40-40D							1/2-13						
3 ^③	2 1/2	6105-48-40D	4.50	5.31	2.00	4.188	2.438	2.47	.66	.50	3.00	MK 585	5/8-11 x 2 1/2	237	8.1
		6106-48-40D							5/8-11						
3 ^③	3	6105-48-48D	4.50	5.31	2.00	4.188	2.438	3.06	.66	.50	3.50	MK 585	5/8-11 x 2 1/2	237	7.2
		6106-48-48D							5/8-11						
3 1/2 ^④	3	6105-56-48D	5.00	6.00	1.50	4.750	2.750	3.06	.66	.50	3.50	MK 1571	5/8-11 x 2	241	6.6
		6106-56-48D							5/8-11						
3 1/2 ^④	3 1/2	6105-56-56D	5.00	6.00	1.50	4.750	2.750	3.54	.66	.50	4.00	MK 1571	5/8-11 x 2	241	5.9
		6106-56-56D							5/8-11						
4 ^④	3	6105-64-48D	5.50	6.38	1.50	5.125	3.062	3.06	.66	.50	3.50	MK 1572	5/8-11 x 2	245	8.1
		6106-64-48D							5/8-11						
4 ^④	4	6105-64-64D	5.50	6.38	1.50	5.125	3.062	4.02	.66	.50	4.50	MK 1572	5/8-11 x 2	245	6.7
		6106-64-64D							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 6105 / 6107

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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	
1 1/2	1 1/4	6107-24-20D	3.25	4.50	1.50	3.125	1.437	1.38	.66	.50	1.75	MK 562	5/8-11 x 2	225	3.5
		6108-24-20D							5/8-11						
1 1/2	1 1/2	6107-24-24D	3.25	4.50	1.50	3.125	1.437	1.61	.66	.50	2.00	MK 562	5/8-11 x 2	225	3.3
		6108-24-24D							5/8-11						
1 1/2	2	-----	4.00	4.50	2.00	3.125	1.437	2.06	---	.50	2.50	-----	-----	---	6.8
		6108-24-32D							5/8-11						
2	1 1/2	6107-32-24D	4.00	5.25	1.75	3.812	1.750	1.61	.78	.50	2.00	MK 1548	3/4-10 x 2 1/2	228	6.4
		6108-32-24D							3/4-10						
2	2	6107-32-32D	4.00	5.25	1.75	3.812	1.750	2.06	.78	.50	2.50	MK 1548	3/4-10 x 2 1/2	228	5.9
		6108-32-32D							3/4-10						
2 1/2	2	6107-40-32D	5.00	6.88	2.00	4.875	2.312	2.06	.94	.50	2.50	MK 1575	7/8-9 x 2 3/4	232	12.8
		6108-40-32D							7/8-9						
2 1/2	2 1/2	6107-40-40D	5.00	6.88	2.00	4.875	2.312	2.47	.94	.50	3.00	MK 1575	7/8-9 x 2 3/4	232	12.0
		6108-40-40D							7/8-9						
3	3	6107-48-48D	6.00	8.50	2.50	6.000	2.812	3.06	1.19	.50	3.50	MK 1776	1 1/8-7 x 4	237	23.3
		6108-48-48D							1 1/8-7						

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

⑥ Other Pipe and Tube Sizes are Available