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Note: Catalog lists most commonly used items. Additional configurations and sizes available.

ABBREVIATIONS

B = BOSS O-RING STRAIGHT THREAD	L = LONG DROP	S = S.A.E. 45°FLARE
C = CAP	LL = EXTRA LONG DROP	T = TEE
F = FEMALE	LH = LARGE HEX	TUN = TUBE NUT
FF = FLAT FACE	M = MALE	TUS = TUBE SLEEVE
FL = FLANGE ADAPTER	N = NUT	X = SWIVEL
G = PLUG	P = PIPE	5K = CODE 61 / 5000 PSI
J = 37°JIC FLARE	R = CROSS	6K = CODE 62 / 6000 PSI
H = BULKHEAD	RB = RECESSED BOSS O-RING	
HN = BULKHEAD NUT	RE = RECESSED PIPE	



PIPE ADAPTERS

MP-FP (pg. 8)	MP-FP-BR (pg. 8)	MP-MP (pg. 8)	FP-FP (pg. 9)	MP-FP45 (pg. 9)	MP-FP90 (pg. 9)	MP-MP90 (pg. 9)	FP-FP90 (pg. 9)
MP-FP-FPT (pg. 10)	MP-FP-MPT (pg. 10)	FP-FP-MPT (pg. 10)	MPT (pg. 10)	FPT (pg. 10)	FPR (pg. 10)		

PIPE SWIVELS

MP-FPX (pg. 11)	MP-FPX45 (pg. 11)	MP-FPX90 (pg. 11)	MP-FPX90L (pg. 12)			MP-FPX-00 (pg. 12) (Blanks)	MP-FPX90-00 (pg. 12) (Blanks)
FPX-FPX-MPT (pg. 12)	FP-FPX (pg. 12)	FP-FPX45 (pg. 13)	FP-FPX90 (pg. 13)	FPX-FPX (pg. 13)	FPX-FPX-FPT (pg. 13)	FPXT (pg. 13)	



JIC ADAPTERS

MJ-MP (pg. 14)	MJ-MP45 (pg. 14)	MJ-MP90 (pg. 15)	MJ-MP90L (pg. 15)	MJ-MP90LL (pg. 15)	MJ-FP (pg. 16)	MJ-FP90 (pg. 16)	MJ-MJ (pg. 16)
MJ-MJ45 (pg. 17)	MJ-MJ90 (pg. 17)	MP-MJH (pg. 17)	FP-MJH (pg. 17)	MJ-MJH (pg. 17)	MJ-MJH45 (pg. 18)	MJ-MJH90 (pg. 18)	MJ-MJH-MJT (pg. 18)
MJHT (pg. 18)	MJ-FJ (pg. 18)	MJ-MJ-MPT (pg. 19)	MJ-MJ-FPT (pg. 19)	MJ-MP-MJT (pg. 19)	MJ-FP-MJT (pg. 20)	MJT (pg. 20)	MJR (pg. 20)

JIC SWIVELS




MP-FJX (pg. 21)	MP-FJX90 (pg. 21)	FP-FJX (pg. 21)	MJ-FJX (pg. 21)	MJ-FJX45 (pg. 22)	MJ-FJX90 (pg. 22)	MJ-FJX90L (pg. 22)	
MJ-MJ-FJXT (pg. 22)	MJ-FJX-MJT (pg. 22)						












STRAIGHT THREAD O-RING “BOSS”

							
MP-MB (pg. 23)	MP-MB90 (pg. 23)	MP-FB (pg. 23)	MB-FP (pg. 24)	MB-FP90 (pg. 24)	MB-FB (pg. 24)	MB-FPX (pg. 25)	MB-FPX45 (pg. 25)
							
MB-FPX90 (pg. 25)	MB-MJ (pg. 26)	MB-MJ45 (pg. 26)	MB-MJ90 (pg. 27)	MB-MJ90LL (pg. 27)	MB-FJX (pg. 27)	MJ-MJ-MBT (pg. 28)	MJ-MB-MJT (pg. 28)

S.A.E. ADAPTERS

							
MS-MP (pg. 29)	MS-MP90 (pg. 29)	MS-FP (pg. 29)					

SPLIT FLANGE ADAPTERS

							
FL-MJ (pg. 31)	FL-MJ45 (pg. 31)	FL-MJ90 (pg. 31)	FL4K-MJ (pg. 31)	FL5K-MJ (pg. 31)	FL5K-MJ45 (pg. 31)	FL4K-MJ90 (pg. 31)	FL5K-MJ90 (pg. 31)
							
FLH6K-MJ (pg. 31)	FLH6K-MJ45 (pg. 32)	FLH6K-MJ90 (pg. 32)		SFO (Code 61) (pg. 30)	SFXO (Code 62) (pg. 30)	W43 (NPT Block) (pg. 30)	



FLAT FACE ADAPTERS

MFFOR-MP (pg. 32)	MFFOR-MB (pg. 32)	MFFOR-MB45 (pg. 32)	MFFOR-MB90 (pg. 33)	MFFOR-FFORX90 (pg. 33)	FFORX-MJ (pg. 33)	MFFOR-FFORX-MFFOR (pg. 33)	MFFOR-MFFOR-FFORX (pg. 33)

PLUGS, CAPS, NUTS, SLEEVES & BONDED SEALS

MFFOR-PLUG (pg. 34)	MFFOR-CAP (pg. 34)	REG (pg. 34)	PG (pg. 34)	PC (pg. 34)	JG (pg. 35)	JC (pg. 35)	BG (pg. 35)
RBG (pg. 35)	TUN (pg. 35)	TUS (pg. 35)	HN (pg. 17)	MBSPP-PLUG (pg. 37)	MBSPP-CAP (pg. 37)	9900 (pg. 37)	8800 (pg. 38)

INTERNATIONAL THREADS

MBSPP-MP (pg. 36)	MBSPP-MJ (pg. 36)	MBSPP-MJ90 (pg. 36)	MBSPPOR-MJ (pg. 36)	MBSPP-FJX (pg. 36)	MBSPP-FBSPPX (pg. 36)	FBSPPX-MJ (pg. 37)	FBSPP-MJ (pg. 37)
FBSPPX-FJX (pg. 37)	MBSPT-MJ (pg. 37)	MM-MJ (pg. 38)	MDL-MJ (pg. 38)	MDH-MJ (pg. 38)	FDLX-MJ (pg. 38)	FDHX-MJ (pg. 38)	



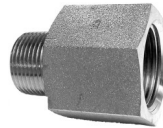
PIPE ADAPTERS

PIPE BUSHING



PART #	MALE PIPE THREAD	FEMALE PIPE THREAD
MP-FP-4-2	1/4-18	1/8-27
MP-FP-6-2	3/8-18	1/8-27
MP-FP-6-4	3/8-18	1/4-18
MP-FP-8-2	1/2-14	1/8-27
MP-FP-8-4	1/2-14	1/4-18
MP-FP-8-6	1/2-14	3/8-18
MP-FP-12-2	3/4-14	1/8-27
MP-FP-12-4	3/4-14	1/4-18
MP-FP-12-6	3/4-14	3/8-18
MP-FP-12-8	3/4-14	1/2-14
MP-FP-16-2	1-11 1/2	1/8-27
MP-FP-16-4	1-11 1/2	1/4-18
MP-FP-16-6	1-11 1/2	3/8-18
MP-FP-16-8	1-11 1/2	1/2-14
MP-FP-16-12	1-11 1/2	3/4-14
MP-FP-20-4	1 1/4-11 1/2	1/4-18
MP-FP-20-6	1 1/4-11 1/2	3/8-18
MP-FP-20-8	1 1/4-11 1/2	1/2-14
MP-FP-20-12	1 1/4-11 1/2	3/4-14
MP-FP-20-16	1 1/4-11 1/2	1-11 1/2
MP-FP-24-4	1 1/2-11 1/2	1/4-18
MP-FP-24-6	1 1/2-11 1/2	3/8-18
MP-FP-24-8	1 1/2-11 1/2	1/2-14
MP-FP-24-12	1 1/2-11 1/2	3/4-14
MP-FP-24-16	1 1/2-11 1/2	1-11 1/2
MP-FP-24-20	1 1/2-11 1/2	1 1/4-11 1/2
MP-FP-32-8	2-11 1/2	1/2-14
MP-FP-32-12	2-11 1/2	3/4-14
MP-FP-32-16	2-11 1/2	1-11 1/2
MP-FP-32-20	2-11 1/2	1 1/4-11 1/2
MP-FP-32-24	2-11 1/2	1 1/2-11 1/2

BELL REDUCER



PART #	MALE PIPE THREAD	FEMALE PIPE THREAD
MP-FP-2-4-BR	1/8-27	1/4-18
MP-FP-2-6-BR	1/8-27	3/8-18
MP-FP-2-8-BR	1/8-27	1/2-14
MP-FP-4-6-BR	1/4-18	3/8-18
MP-FP-4-8-BR	1/4-18	1/2-14
MP-FP-6-8-BR	3/8-18	1/2-14
MP-FP-6-12-BR	3/8-18	3/4-14
MP-FP-8-12-BR	1/2-14	3/4-14
MP-FP-8-16-BR	1/2-14	1-11 1/2
MP-FP-12-16-BR	3/4-14	1-11 1/2
MP-FP-16-20-BR	1-11 1/2	1 1/4-11 1/2
MP-FP-20-24-BR	1 1/4-11 1/2	1 1/2-11 1/2
MP-FP-24-32-BR	1 1/2-11 1/2	2-11 1/2

PIPE EXTENSION



PART #	MALE PIPE THREAD	FEMALE PIPE THREAD
MP-FP-2-2	1/8-27	1/8-27
MP-FP-4-4	1/4-18	1/4-18
MP-FP-6-6	3/8-18	3/8-18
MP-FP-8-6	1/2-14	3/8-18
MP-FP-8-8	1/2-14	1/2-14
MP-FP-12-12	3/4-14	3/4-14
MP-FP-16-16	1-11 1/2	1-11 1/2
MP-FP-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FP-24-24	1 1/2-11 1/2	1 1/2-11 1/2

PIPE NIPPLE



PART #	MALE PIPE THREAD	MALE PIPE THREAD
MP-MP-2-2	1/8-27	1/8-27
MP-MP-4-2	1/4-18	1/8-27
MP-MP-4-4	1/4-18	1/4-18
MP-MP-6-2	3/8-18	1/8-27
MP-MP-6-4	3/8-18	1/4-18
MP-MP-6-6	3/8-18	3/8-18
MP-MP-8-4	1/2-14	1/4-18
MP-MP-8-6	1/2-14	3/8-18
MP-MP-8-8	1/2-14	1/2-14
MP-MP-12-4	3/4-14	1/4-18
MP-MP-12-6	3/4-14	3/8-18
MP-MP-12-8	3/4-14	1/2-14
MP-MP-12-12	3/4-14	3/4-14
MP-MP-16-8	1-11 1/2	1/2-14
MP-MP-16-12	1-11 1/2	3/4-14
MP-MP-16-16	1-11 1/2	1-11 1/2
MP-MP-20-16	1 1/4-11 1/2	1-11 1/2
MP-MP-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-MP-24-20	1 1/2-11 1/2	1 1/4-11 1/2
MP-MP-24-24	1 1/2-11 1/2	1 1/2-11 1/2
MP-MP-32-24	2-11 1/2	1 1/2-11 1/2
MP-MP-32-32	2-11 1/2	2-11 1/2

**NPT SEALS BY METAL
TO METAL INTERFER-
ENCE FIT AND USUALLY
REQUIRES A SEALING
COMPOUND.**



PIPE COUPLER



PART #	FEMALE PIPE THREAD	FEMALE PIPE THREAD
FP-FP-2-2	1/8-27	1/8-27
FP-FP-4-2	1/4-18	1/8-27
FP-FP-4-4	1/4-18	1/4-18
FP-FP-6-2	3/8-18	1/8-27
FP-FP-6-4	3/8-18	1/4-18
FP-FP-6-6	3/8-18	3/8-18
FP-FP-8-2	1/2-14	1/8-27
FP-FP-8-4	1/2-14	1/4-18
FP-FP-8-6	1/2-14	3/8-18
FP-FP-8-8	1/2-14	1/2-14
FP-FP-12-6	3/4-14	3/8-18
FP-FP-12-8	3/4-14	1/2-14
FP-FP-12-12	3/4-14	3/4-14
FP-FP-16-8	1-11 1/2	1/2-14
FP-FP-16-12	1-11 1/2	3/4-14
FP-FP-16-16	1-11 1/2	1-11 1/2
FP-FP-20-16	1 1/4-11 1/2	1-11 1/2
FP-FP-20-20	1 1/4-11 1/2	1 1/4-11 1/2
FP-FP-24-20	1 1/2-11 1/2	1 1/4-11 1/2
FP-FP-24-24	1 1/2-11 1/2	1 1/2-11 1/2
FP-FP-32-32	2-11 1/2	2-11 1/2

45° STREET ELBOW



PART #	MALE PIPE THREAD	FEMALE PIPE THREAD
MP-FP45-2-2	1/8-27	1/8-27
MP-FP45-4-4	1/4-18	1/4-18
MP-FP45-6-6	3/8-18	3/8-18
MP-FP45-8-8	1/2-14	1/2-14
MP-FP45-12-12	3/4-14	3/4-14
MP-FP45-16-16	1-11 1/2	1-11 1/2
MP-FP45-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FP45-24-24	1 1/2-11 1/2	1 1/2-11 1/2

90° STREET ELBOW



PART #	MALE PIPE THREAD	FEMALE PIPE THREAD
MP-FP90-2-2	1/8-27	1/8-27
MP-FP90-2-4	1/8-27	1/4-18
MP-FP90-4-2	1/4-18	1/8-27
MP-FP90-4-4	1/4-18	1/4-18
MP-FP90-4-6	1/4-18	3/8-18
MP-FP90-6-4	3/8-18	1/4-18
MP-FP90-6-6	3/8-18	3/8-18
MP-FP90-6-8	3/8-18	1/2-14
MP-FP90-8-4	1/2-14	1/4-18
MP-FP90-8-6	1/2-14	3/8-18
MP-FP90-8-8	1/2-14	1/2-14
MP-FP90-12-6	3/4-14	3/8-18
MP-FP90-12-8	3/4-14	1/2-14
MP-FP90-12-12	3/4-14	3/4-14
MP-FP90-16-12	1-11 1/2	3/4-14
MP-FP90-16-16	1-11 1/2	1-11 1/2
MP-FP90-20-16	1 1/4-11 1/2	1-11 1/2
MP-FP90-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FP90-20-24	1 1/4-11 1/2	1 1/2-11 1/2
MP-FP90-24-24	1 1/2-11 1/2	1 1/2-11 1/2
MP-FP90-32-32	2-11 1/2	2-11 1/2

90° MALE PIPE ELBOW



PART #	MALE PIPE THREAD	MALE PIPE THREAD
MP-MP90-2-2	1/8-27	1/8-27
MP-MP90-4-2	1/4-18	1/8-27
MP-MP90-4-4	1/4-18	1/4-18
MP-MP90-6-4	3/8-18	1/4-18
MP-MP90-6-6	3/8-18	3/8-18
MP-MP90-8-4	1/2-14	1/4-18
MP-MP90-8-6	1/2-14	3/8-18
MP-MP90-8-8	1/2-14	1/2-14
MP-MP90-12-8	3/4-14	1/2-14
MP-MP90-12-12	3/4-14	3/4-14
MP-MP90-16-12	1-11 1/2	3/4-14
MP-MP90-16-16	1-11 1/2	1-11 1/2
MP-MP90-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-MP90-24-24	1 1/2-11 1/2	1 1/2-11 1/2

90° FEMALE PIPE ELBOW



PART #	FEMALE PIPE THREAD	FEMALE PIPE THREAD
FP-FP90-2-2	1/8-27	1/8-27
FP-FP90-4-2	1/4-18	1/8-27
FP-FP90-4-4	1/4-18	1/4-18
FP-FP90-6-4	3/8-18	1/4-18
FP-FP90-6-6	3/8-18	3/8-18
FP-FP90-8-4	1/2-14	1/4-18
FP-FP90-8-6	1/2-14	3/8-18
FP-FP90-8-8	1/2-14	1/2-14
FP-FP90-12-8	3/4-14	1/2-14
FP-FP90-12-12	3/4-14	3/4-14
FP-FP90-16-12	1-11 1/2	3/4-14
FP-FP90-16-16	1-11 1/2	1-11 1/2
FP-FP90-20-20	1 1/4-11 1/2	1 1/4-11 1/2
FP-FP90-24-24	1 1/2-11 1/2	1 1/2-11 1/2
FP-FP90-32-32	2-11 1/2	2-11 1/2



SERVICE TEE



PART #	MALE PIPE THREAD	FEMALE PIPE THREAD
MP-FP-FPT-2	1/8-27	1/8-27
MP-FP-FPT-4	1/4-18	1/4-18
MP-FP-FPT-6	3/8-18	3/8-18
MP-FP-FPT-8	1/2-14	1/2-14
MP-FP-FPT-12	3/4-14	3/4-14
MP-FP-FPT-16	1-11 1/2	1-11 1/2
MP-FP-FPT-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FP-FPT-24	1 1/2-11 1/2	1 1/2-11 1/2
MP-FP-FPT-32	2-11 1/2	2-11 1/2

MALE-FEMALE PIPE TEE



PART #	MALE PIPE THREAD	FEMALE PIPE THREAD
MP-FP-MPT-2	1/8-27	1/8-27
MP-FP-MPT-4	1/4-18	1/4-18
MP-FP-MPT-6	3/8-18	3/8-18
MP-FP-MPT-8	1/2-14	1/2-14
MP-FP-MPT-12	3/4-14	3/4-14
MP-FP-MPT-16	1-11 1/2	1-11 1/2
MP-FP-MPT-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FP-MPT-24	1 1/2-11 1/2	1 1/2-11 1/2

FEMALE-MALE PIPE TEE



PART #	FEMALE PIPE THREAD	MALE PIPE THREAD
FP-FP-MPT-2	1/8-27	1/8-27
FP-FP-MPT-4	1/4-18	1/4-18
FP-FP-MPT-6	3/8-18	3/8-18
FP-FP-MPT-8	1/2-14	1/2-14
FP-FP-MPT-12-8	3/4-14	1/2-14
FP-FP-MPT-12	3/4-14	3/4-14
FP-FP-MPT-16	1-11 1/2	1-11 1/2
FP-FP-MPT-20	1 1/4-11 1/2	1 1/4-11 1/2
FP-FP-MPT-24	1 1/2-11 1/2	1 1/2-11 1/2

MALE PIPE TEE



PART #	MALE PIPE THREAD
MPT-2	1/8-27
MPT-4	1/4-18
MPT-6	3/8-18
MPT-8	1/2-14
MPT-12	3/4-14
MPT-16	1-11 1/2

FEMALE PIPE TEE



PART #	FEMALE PIPE THREAD	FEMALE PIPE THREAD
FPT-2	1/8-27	
FPT-4	1/4-18	
FPT-4-4-6	1/4-18	3/8-18
FPT-6	3/8-18	
FPT-6-6-8	3/8-18	1/2-14
FPT-8	1/2-14	
FPT-12	3/4-14	
FPT-16	1-11 1/2	
FPT-20	1 1/4-11 1/2	
FPT-24	1 1/2-11 1/2	
FPT-32	2-11 1/2	

FEMALE PIPE CROSS



PART #	FEMALE PIPE THREAD
FPR-2	1/8-27
FPR-4	1/4-18
FPR-6	3/8-18
FPR-8	1/2-14
FPR-12	3/4-14
FPR-16	1-11 1/2
FPR-20	1 1/4-11 1/2
FPR-24	1 1/2-11 1/2
FPR-32	2-11 1/2



PIPE SWIVELS

MALE-FEMALE PIPE SWIVEL



PART #	MALE PIPE THREAD	FEMALE PIPE SWIVEL
MP-FPX-2-2	1/8-27	1/8-27
MP-FPX-2-4	1/8-27	1/4-18
MP-FPX-4-2	1/4-18	1/8-27
MP-FPX-4-4	1/4-18	1/4-18
MP-FPX-4-6	1/4-18	3/8-18
MP-FPX-4-8	1/4-18	1/2-14
MP-FPX-6-4	3/8-18	1/4-18
MP-FPX-6-6	3/8-18	3/8-18
MP-FPX-6-8	3/8-18	1/2-14
MP-FPX-8-4	1/2-14	1/4-18
MP-FPX-8-6	1/2-14	3/8-18
MP-FPX-8-8	1/2-14	1/2-14
MP-FPX-8-12	1/2-14	3/4-14
MP-FPX-12-6	3/4-14	3/8-18
MP-FPX-12-8	3/4-14	1/2-14
MP-FPX-12-12	3/4-14	3/4-14
MP-FPX-12-16	3/4-14	1-11 1/2
MP-FPX-12-20	3/4-14	1 1/4-11 1/2
MP-FPX-16-12	1-11 1/2	3/4-14
MP-FPX-16-16	1-11 1/2	1-11 1/2
MP-FPX-16-20	1-11 1/2	1 1/4-11 1/2
MP-FPX-16-24	1-11 1/2	1 1/2-11 1/2
MP-FPX-20-16	1 1/4-11 1/2	1-11 1/2
MP-FPX-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FPX-20-24	1 1/4-11 1/2	1 1/2-11 1/2
MP-FPX-24-20	1 1/2-11 1/2	1 1/4-11 1/2
MP-FPX-24-24	1 1/2-11 1/2	1 1/2-11 1/2
MP-FPX-32-32	2-11 1/2	2-11 1/2

45° MALE-FEMALE PIPE SWIVEL ELBOW



PART #	MALE PIPE THREAD	FEMALE PIPE SWIVEL
MP-FPX45-2-2	1/8-27	1/8-27
MP-FPX45-2-4	1/8-27	1/4-18
MP-FPX45-4-2	1/4-18	1/8-27
MP-FPX45-4-4	1/4-18	1/4-18
MP-FPX45-4-6	1/4-18	3/8-18
MP-FPX45-6-4	3/8-18	1/4-18
MP-FPX45-6-6	3/8-18	3/8-18
MP-FPX45-6-8	3/8-18	1/2-14
MP-FPX45-8-4	1/2-14	1/4-18
MP-FPX45-8-6	1/2-14	3/8-18
MP-FPX45-8-8	1/2-14	1/2-14
MP-FPX45-8-12	1/2-14	3/4-14
MP-FPX45-12-8	3/4-14	1/2-14
MP-FPX45-12-12	3/4-14	3/4-14
MP-FPX45-12-16	3/4-14	1-11 1/2
MP-FPX45-16-12	1-11 1/2	3/4-14
MP-FPX45-16-16	1-11 1/2	1-11 1/2
MP-FPX45-16-20	1-11 1/2	1 1/4-11 1/2
MP-FPX45-20-16	1 1/4-11 1/2	1-11 1/2
MP-FPX45-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FPX45-24-24	1 1/2-11 1/2	1 1/2-11 1/2
MP-FPX45-32-32	2-11 1/2	2-11 1/2

90° MALE-FEMALE PIPE SWIVEL ELBOW



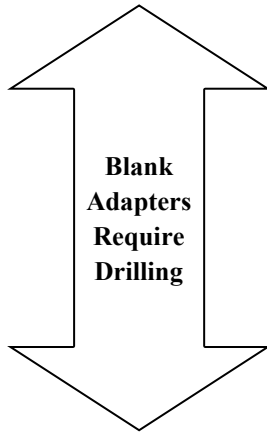
PART #	MALE PIPE THREAD	FEMALE PIPE SWIVEL
MP-FPX90-2-2	1/8-27	1/8-27
MP-FPX90-2-4	1/8-27	1/4-18
MP-FPX90-4-2	1/4-18	1/8-27
MP-FPX90-4-4	1/4-18	1/4-18
MP-FPX90-4-6	1/4-18	3/8-18
MP-FPX90-4-8	1/4-18	1/2-14
MP-FPX90-6-4	3/8-18	1/4-18
MP-FPX90-6-6	3/8-18	3/8-18
MP-FPX90-6-8	3/8-18	1/2-14
MP-FPX90-8-4	1/2-14	1/4-18
MP-FPX90-8-6	1/2-14	3/8-18
MP-FPX90-8-8	1/2-14	1/2-14
MP-FPX90-8-12	1/2-14	3/4-14
MP-FPX90-12-4	3/4-14	1/4-18
MP-FPX90-12-6	3/4-14	3/8-18
MP-FPX90-12-8	3/4-14	1/2-14
MP-FPX90-12-12	3/4-14	3/4-14
MP-FPX90-12-16	3/4-14	1-11 1/2
MP-FPX90-12-20	3/4-14	1 1/4-11 1/2
MP-FPX90-16-8	1-11 1/2	1/2-14
MP-FPX90-16-12	1-11 1/2	3/4-14
MP-FPX90-16-16	1-11 1/2	1-11 1/2
MP-FPX90-16-20	1-11 1/2	1 1/4-11 1/2
MP-FPX90-20-12	1 1/4-11 1/2	3/4-14
MP-FPX90-20-16	1 1/4-11 1/2	1-11 1/2
MP-FPX90-20-20	1 1/4-11 1/2	1 1/4-11 1/2
MP-FPX90-20-24	1 1/4-11 1/2	1 1/2-11 1/2
MP-FPX90-24-20	1 1/2-11 1/2	1 1/4-11 1/2
MP-FPX90-24-24	1 1/2-11 1/2	1 1/2-11 1/2
MP-FPX90-32-32	2-11 1/2	2-11 1/2



**MALE-FEMALE PIPE
SWIVEL
BLANK TYPE**



PART #	MALE PIPE THREAD	FEMALE PIPE SWIVEL
MP-FPX-4-4-00	1/4-18	1/4-18
MP-FPX-6-6-00	3/8-18	3/8-18
MP-FPX-8-8-00	1/2-14	1/2-14



**90° MALE-FEMALE
PIPE SWIVEL
BLANK TYPE**



PART #	MALE PIPE THREAD	FEMALE PIPE SWIVEL
MP-FPX90-4-4-00	1/4-18	1/4-18
MP-FPX90-6-6-00	3/8-18	3/8-18
MP-FPX90-8-8-00	1/2-14	1/2-14

**90° MALE-FEMALE
PIPE SWIVEL LONG
ELBOW**



PART #	MALE PIPE THREAD	FEMALE PIPE SWIVEL
MP-FPX90L-4-4	1/4-18	1/4-18
MP-FPX90L-6-6	3/8-18	3/8-18
MP-FPX90L-8-8	1/2-14	1/2-14
MP-FPX90L-12-12	3/4-14	3/4-14
MP-FPX90L-16-16	1-11 1/2	1-11 1/2

**FEMALE SWIVEL-
FEMALE SWIVEL-
MALE PIPE TEE**



PART #	FEMALE PIPE SWIVEL	MALE PIPE THREAD
FPX-FPX-MPT-2	1/8-27	1/8-27
FPX-FPX-MPT-4	1/4-18	1/4-18
FPX-FPX-MPT-4-4-6	1/4-18	3/8-18
FPX-FPX-MPT-4-4-8	1/4-18	1/2-14
FPX-FPX-MPT-6-6-4	3/8-18	1/4-18
FPX-FPX-MPT-6	3/8-18	3/8-18
FPX-FPX-MPT-6-6-8	3/8-18	1/2-14
FPX-FPX-MPT-8	1/2-14	1/2-14
FPX-FPX-MPT-8-8-12	1/2-14	3/4-14
FPX-FPX-MPT-12	3/4-14	3/4-14
FPX-FPX-MPT-16-16-12	1-11 1/2	3/4-14
FPX-FPX-MPT-16	1-11 1/2	1-11 1/2
FPX-FPX-MPT-20	1 1/4-11 1/2	1 1/4-11 1/2
FPX-FPX-MPT-24	1 1/2-11 1/2	1 1/2-11 1/2

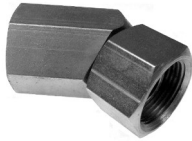
FEMALE PIPE SWIVEL



PART #	FEMALE PIPE THREAD	FEMALE PIPE SWIVEL
FP-FPX-2-2	1/8-27	1/8-27
FP-FPX-2-4	1/8-27	1/4-18
FP-FPX-4-2	1/4-18	1/8-27
FP-FPX-4-4	1/4-18	1/4-18
FP-FPX-4-6	1/4-18	3/8-18
FP-FPX-6-4	3/8-18	1/4-18
FP-FPX-6-6	3/8-18	3/8-18
FP-FPX-6-8	3/8-18	1/2-14
FP-FPX-8-4	1/2-14	1/4-18
FP-FPX-8-6	1/2-14	3/8-18
FP-FPX-8-8	1/2-14	1/2-14
FP-FPX-8-12	1/2-14	3/4-14
FP-FPX-12-8	3/4-14	1/2-14
FP-FPX-12-12	3/4-14	3/4-14
FP-FPX-12-16	3/4-14	1-11 1/2
FP-FPX-16-12	1-11 1/2	3/4-14
FP-FPX-16-16	1-11 1/2	1-11 1/2
FP-FPX-20-20	1 1/4-11 1/2	1 1/4-11 1/2
FP-FPX-24-24	1 1/2-11 1/2	1 1/2-11 1/2
FP-FPX-32-32	2-11 1/2	2-11 1/2



45° FEMALE PIPE SWIVEL



PART #	FEMALE PIPE THREAD	FEMALE PIPE SWIVEL
FP-FPX45-2-2	1/8-27	1/8-27
FP-FPX45-4-4	1/4-18	1/4-18
FP-FPX45-4-6	1/4-18	3/8-18
FP-FPX45-6-4	3/8-18	1/4-18
FP-FPX45-6-6	3/8-18	3/8-18
FP-FPX45-6-8	3/8-18	1/2-14
FP-FPX45-8-6	1/2-14	3/8-18
FP-FPX45-8-8	1/2-14	1/2-14
FP-FPX45-12-12	3/4-14	3/4-14
FP-FPX45-16-12	1-11 1/2	3/4-14
FP-FPX45-16-16	1-11 1/2	1-11 1/2
FP-FPX45-20-20	1 1/4-11 1/2	1 1/4-11 1/2
FP-FPX45-24-24	1 1/2-11 1/2	1 1/2-11 1/2

PIPE SWIVEL UNION



PART #	FEMALE PIPE SWIVEL
FPX-FPX-4-4	1/4-18
FPX-FPX-6-6	3/8-18
FPX-FPX-8-8	1/2-14
FPX-FPX-12-12	3/4-14
FPX-FPX-16-16	1-11 1/2
FPX-FPX-20-20	1 1/4-11 1/2

90° FEMALE PIPE SWIVEL



PART #	FEMALE PIPE THREAD	FEMALE PIPE SWIVEL
FP-FPX90-2-2	1/8-27	1/8-27
FP-FPX90-2-4	1/8-27	1/4-18
FP-FPX90-4-2	1/4-18	1/8-27
FP-FPX90-4-4	1/4-18	1/4-18
FP-FPX90-4-6	1/4-18	3/8-18
FP-FPX90-6-4	3/8-18	1/4-18
FP-FPX90-6-6	3/8-18	3/8-18
FP-FPX90-6-8	3/8-18	1/2-14
FP-FPX90-8-4	1/2-14	1/4-18
FP-FPX90-8-6	1/2-14	3/8-18
FP-FPX90-8-8	1/2-14	1/2-14
FP-FPX90-8-12	1/2-14	3/4-14
FP-FPX90-12-8	3/4-14	1/2-14
FP-FPX90-12-12	3/4-14	3/4-14
FP-FPX90-12-16	3/4-14	1-11 1/2
FP-FPX90-16-12	1-11 1/2	3/4-14
FP-FPX90-16-16	1-11 1/2	1-11 1/2
FP-FPX90-20-16	1 1/4-11 1/2	1-11 1/2
FP-FPX90-20-20	1 1/4-11 1/2	1 1/4-11 1/2
FP-FPX90-24-24	1 1/2-11 1/2	1 1/2-11 1/2
FP-FPX90-32-32	2-11 1/2	2-11 1/2

FEMALE SWIVEL- FEMALE SWIVEL- FEMALE PIPE TEE



PART #	FEMALE PIPE SWIVEL	FEMALE PIPE THREAD
FPX-FPX-FPT-2	1/8-27	1/8-27
FPX-FPX-FPT-4	1/4-18	1/4-18
FPX-FPX-FPT-4-4-6	1/4-18	3/8-18
FPX-FPX-FPT-6	3/8-18	3/8-18
FPX-FPX-FPT-6-6-8	3/8-18	1/2-14
FPX-FPX-FPT-8	1/2-14	1/2-14
FPX-FPX-FPT-8-8-12	1/2-14	3/4-14
FPX-FPX-FPT-12	3/4-14	3/4-14
FPX-FPX-FPT-12-12-16	3/4-14	1-11 1/2
FPX-FPX-FPT-16	1-11 1/2	1-11 1/2
FPX-FPX-FPT-20	1 1/4-11 1/2	1 1/4-11 1/2

FEMALE PIPE SWIVEL TEE



PART #	FEMALE PIPE SWIVEL
FPXT-2	1/8-27
FPXT-4	1/4-18
FPXT-6	3/8-18
FPXT-8	1/2-14
FPXT-12	3/4-14
FPXT-16	1-11 1/2
FPXT-20	1 1/4-11 1/2



JIC PIPE ADAPTERS

MALE JIC PIPE



PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MP-2-2	5/16-24	1/8-27
MJ-MP-3-2	3/8-24	1/8-27
MJ-MP-4-2	7/16-20	1/8-27
MJ-MP-4-4	7/16-20	1/4-18
MJ-MP-4-6	7/16-20	3/8-18
MJ-MP-4-8	7/16-20	1/2-14
MJ-MP-5-2	1/2-20	1/8-27
MJ-MP-5-4	1/2-20	1/4-18
MJ-MP-5-6	1/2-20	3/8-18
MJ-MP-5-8	1/2-20	1/2-14
MJ-MP-6-2	9/16-18	1/8-27
MJ-MP-6-4	9/16-18	1/4-18
MJ-MP-6-6	9/16-18	3/8-18
MJ-MP-6-8	9/16-18	1/2-14
MJ-MP-6-12	9/16-18	3/4-14
MJ-MP-8-4	3/4-16	1/4-18
MJ-MP-8-6	3/4-16	3/8-18
MJ-MP-8-8	3/4-16	1/2-14
MJ-MP-8-12	3/4-16	3/4-14
MJ-MP-8-16	3/4-16	1-11 1/2
MJ-MP-10-6	7/8-14	3/8-18
MJ-MP-10-8	7/8-14	1/2-14
MJ-MP-10-12	7/8-14	3/4-14

PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MP-12-6	1 1/16-12	3/8-18
MJ-MP-12-8	1 1/16-12	1/2-14
MJ-MP-12-12	1 1/16-12	3/4-14
MJ-MP-12-16	1 1/16-12	1-11 1/2
MJ-MP-12-20	1 1/16-12	1 1/4-11 1/2
MJ-MP-14-12	1 3/16-12	3/4-14
MJ-MP-16-8	1 5/16-12	1/2-14
MJ-MP-16-12	1 5/16-12	3/4-14
MJ-MP-16-16	1 5/16-12	1-11 1/2
MJ-MP-16-20	1 5/16-12	1 1/4-11 1/2
MJ-MP-16-24	1 5/16-12	1 1/2-11 1/2
MJ-MP-20-16	1 5/8-12	1-11 1/2
MJ-MP-20-20	1 5/8-12	1 1/4-11 1/2
MJ-MP-20-24	1 5/8-12	1 1/2-11 1/2
MJ-MP-24-16	1 7/8-12	1-11 1/2
MJ-MP-24-20	1 7/8-12	1 1/4-11 1/2
MJ-MP-24-24	1 7/8-12	1 1/2-11 1/2
MJ-MP-24-32	1 7/8-12	2-11 1/2
MJ-MP-32-32	2 1/2-12	2-11 1/2

45° MALE JIC PIPE ADAPTER



PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MP45-2-2	5/16-24	1/8-27
MJ-MP45-3-2	3/8-24	1/8-27
MJ-MP45-4-2	7/16-20	1/8-27
MJ-MP45-4-4	7/16-20	1/4-18
MJ-MP45-4-6	7/16-20	3/8-18
MJ-MP45-5-2	1/2-20	1/8-27
MJ-MP45-5-4	1/2-20	1/4-18
MJ-MP45-5-6	1/2-20	3/8-18
MJ-MP45-6-2	9/16-18	1/8-27
MJ-MP45-6-4	9/16-18	1/4-18
MJ-MP45-6-6	9/16-18	3/8-18
MJ-MP45-6-8	9/16-18	1/2-14
MJ-MP45-6-12	9/16-18	3/4-14
MJ-MP45-8-4	3/4-16	1/4-18
MJ-MP45-8-6	3/4-16	3/8-18
MJ-MP45-8-8	3/4-16	1/2-14
MJ-MP45-8-12	3/4-16	3/4-14
MJ-MP45-10-6	7/8-14	3/8-18
MJ-MP45-10-8	7/8-14	1/2-14
MJ-MP45-10-12	7/8-14	3/4-14
MJ-MP45-12-8	1 1/16-12	1/2-14
MJ-MP45-12-12	1 1/16-12	3/4-14
MJ-MP45-12-16	1 1/16-12	1-11 1/2
MJ-MP45-14-12	1 3/16-12	3/4-14
MJ-MP45-16-8	1 5/16-12	1/2-14
MJ-MP45-16-12	1 5/16-12	3/4-14
MJ-MP45-16-16	1 5/16-12	1-11 1/2
MJ-MP45-16-20	1 5/16-12	1 1/4-11 1/2
MJ-MP45-20-20	1 5/8-12	1 1/4-11 1/2
MJ-MP45-20-24	1 5/8-12	1 1/2-11 1/2
MJ-MP45-24-24	1 7/8-12	1 1/2-11 1/2
MJ-MP45-32-32	2 1/2-12	2-11 1/2



90° MALE JIC PIPE ELBOW



PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MP90-2-2	5/16-24	1/8-27
MJ-MP90-3-2	3/8-24	1/8-27
MJ-MP90-4-2	7/16-20	1/8-27
MJ-MP90-4-4	7/16-20	1/4-18
MJ-MP90-4-6	7/16-20	3/8-18
MJ-MP90-4-8	7/16-20	1/2-14
MJ-MP90-4-12	7/16-20	3/4-14
MJ-MP90-5-2	1/2-20	1/8-27
MJ-MP90-5-4	1/2-20	1/4-18
MJ-MP90-5-6	1/2-20	3/8-18
MJ-MP90-5-8	1/2-20	1/2-14
MJ-MP90-6-2	9/16-18	1/8-27
MJ-MP90-6-4	9/16-18	1/4-18
MJ-MP90-6-6	9/16-18	3/8-18
MJ-MP90-6-8	9/16-18	1/2-14
MJ-MP90-6-12	9/16-18	3/4-14
MJ-MP90-8-4	3/4-16	1/4-18
MJ-MP90-8-6	3/4-16	3/8-18
MJ-MP90-8-8	3/4-16	1/2-14
MJ-MP90-8-12	3/4-16	3/4-14
MJ-MP90-8-16	3/4-16	1-11 1/2
MJ-MP90-10-6	7/8-14	3/8-18
MJ-MP90-10-8	7/8-14	1/2-14
MJ-MP90-10-12	7/8-14	3/4-14
MJ-MP90-12-6	1 1/16-12	3/8-18
MJ-MP90-12-8	1 1/16-12	1/2-14
MJ-MP90-12-12	1 1/16-12	3/4-14
MJ-MP90-12-16	1 1/16-12	1- 11 1/2
MJ-MP90-14-12	1 3/16-12	3/4-14
MJ-MP90-16-8	1 5/16-12	1/2-14
MJ-MP90-16-12	1 5/16-12	3/4-14
MJ-MP90-16-16	1 5/16-12	1- 11 1/2
MJ-MP90-16-20	1 5/16-12	1 1/4- 11 1/2
MJ-MP90-20-12	1 5/8-12	3/4-14
MJ-MP90-20-16	1 5/8-12	1- 11 1/2
MJ-MP90-20-20	1 5/8-12	1 1/4- 11 1/2
MJ-MP90-20-24	1 5/8-12	1 1/2- 11 1/2
MJ-MP90-24-16	1 7/8-12	1- 11 1/2
MJ-MP90-24-20	1 7/8-12	1 1/4- 11 1/2
MJ-MP90-24-24	1 7/8-12	1 1/2- 11 1/2
MJ-MP90-32-24	2 1/2-12	1 1/2- 11 1/2
MJ-MP90-32-32	2 1/2-12	2- 11 1/2

90° MALE JIC PIPE ELBOW LONG DROP



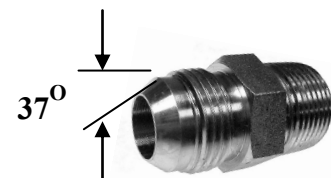
PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MP90L-4-2	7/16-20	1/8-27
MJ-MP90L-4-4	7/16-20	1/4-18
MJ-MP90L-5-2	1/2-20	1/8-27
MJ-MP90L-5-4	1/2-20	1/4-18
MJ-MP90L-6-2	9/16-18	1/8-27
MJ-MP90L-6-4	9/16-18	1/4-18
MJ-MP90L-6-6	9/16-18	3/8-18
MJ-MP90L-6-8	9/16-18	1/2-14
MJ-MP90L-8-6	3/4-16	3/8-18
MJ-MP90L-8-8	3/4-16	1/2-14
MJ-MP90L-8-12	3/4-16	3/4-14
MJ-MP90L-10-8	7/8-14	1/2-14
MJ-MP90L-10-12	7/8-14	3/4-14
MJ-MP90L-12-12	1 1/16-12	3/4-14
MJ-MP90L-14-12	1 3/16-12	3/4-14
MJ-MP90L-16-12	1 5/16-12	3/4-14
MJ-MP90L-16-16	1 5/16-12	1-11 1/2
MJ-MP90L-20-20	1 5/8-12	1 1/4-11 1/2
MJ-MP90L-24-24	1 7/8-12	1 1/2-11 1/2

90° MALE JIC PIPE ELBOW EXTRA LONG



PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MP90LL-4-2	7/16-20	1/8-27
MJ-MP90LL-4-4	7/16-20	1/4-18
MJ-MP90LL-5-2	1/2-20	1/8-27
MJ-MP90LL-6-4	9/16-18	1/4-18
MJ-MP90LL-6-6	9/16-18	3/8-18
MJ-MP90LL-8-6	3/4-16	3/8-18
MJ-MP90LL-8-8	3/4-16	1/2-14
MJ-MP90LL-10-8	7/8-14	1/2-14
MJ-MP90LL-12-12	1 1/16-12	3/4-14
MJ-MP90LL-16-16	1 5/16-12	1- 11 1/2
MJ-MP90LL-20-20	1 5/8-12	1 1/4- 11 1/2

**NOTE: JIC ADAPTERS
HAVE A 37° SEAT.**





MALE JIC FEMALE PIPE ADAPTER



PART #	MALE JIC THREAD	FEMALE PIPE THREAD
MJ-FP-2-2	5/16-24	1/8-27
MJ-FP-3-2	3/8-24	1/8-27
MJ-FP-4-2	7/16-20	1/8-27
MJ-FP-4-4	7/16-20	1/4-18
MJ-FP-4-6	7/16-20	3/8-18
MJ-FP-4-8	7/16-20	1/2-14
MJ-FP-5-2	1/2-20	1/8-27
MJ-FP-5-4	1/2-20	1/4-18
MJ-FP-6-2	9/16-18	1/8-27
MJ-FP-6-4	9/16-18	1/4-18
MJ-FP-6-6	9/16-18	3/8-18
MJ-FP-6-8	9/16-18	1/2-14
MJ-FP-8-6	3/4-16	3/8-18
MJ-FP-8-8	3/4-16	1/2-14
MJ-FP-8-12	3/4-16	3/4-14
MJ-FP-10-6	7/8-14	3/8-18
MJ-FP-10-8	7/8-14	1/2-14
MJ-FP-12-8	1 1/16-12	1/2-14
MJ-FP-12-12	1 1/16-12	3/4-14
MJ-FP-12-16	1 1/16-12	1-11 1/2
MJ-FP-14-12	1 3/16-12	3/4-14
MJ-FP-16-12	1 5/16-12	3/4-14
MJ-FP-16-16	1 5/16-12	1-11 1/2
MJ-FP-20-16	1 5/8-12	1-11 1/2
MJ-FP-20-20	1 5/8-12	1 1/4-11 1/2
MJ-FP-24-24	1 7/8-12	1 1/2-11 1/2
MJ-FP-32-32	2 1/2-12	2-11 1/2

90° MALE JIC FEMALE PIPE ELBOW



PART #	MALE JIC THREAD	FEMALE PIPE THREAD
MJ-FP90-4-2	7/16-20	1/8-27
MJ-FP90-4-4	7/16-20	1/4-18
MJ-FP90-5-4	1/2-20	1/4-18
MJ-FP90-6-2	9/16-18	1/8-27
MJ-FP90-6-4	9/16-18	1/4-18
MJ-FP90-6-6	9/16-18	3/8-18
MJ-FP90-6-8	9/16-18	1/2-14
MJ-FP90-8-6	3/4-16	3/8-18
MJ-FP90-8-8	3/4-16	1/2-14
MJ-FP90-8-12	3/4-16	3/4-14
MJ-FP90-10-6	7/8-14	3/8-18
MJ-FP90-10-8	7/8-14	1/2-14
MJ-FP90-10-12	7/8-14	3/4-14
MJ-FP90-12-8	1 1/16-12	1/2-14
MJ-FP90-12-12	1 1/16-12	3/4-14
MJ-FP90-16-16	1 5/16-12	1-11 1/2
MJ-FP90-20-20	1 5/8-12	1 1/4-11 1/2
MJ-FP90-24-24	1 7/8-12	1 1/2-11 1/2
MJ-FP90-32-32	2 1/2-12	2-11 1/2

MALE JIC UNION



PART #	MALE JIC THREAD	MALE JIC THREAD
MJ-MJ-3-3	3/8-24	3/8-24
MJ-MJ-4-2	7/16-20	5/16-24
MJ-MJ-4-4	7/16-20	7/16-20
MJ-MJ-5-4	1/2-20	7/16-20
MJ-MJ-5-5	1/2-20	1/2-20
MJ-MJ-6-4	9/16-18	7/16-20
MJ-MJ-6-5	9/16-18	1/2-20
MJ-MJ-6-6	9/16-18	9/16-18
MJ-MJ-8-4	3/4-16	7/16-20
MJ-MJ-8-6	3/4-16	9/16-18
MJ-MJ-8-8	3/4-16	3/4-16
MJ-MJ-10-6	7/8-14	9/16-18
MJ-MJ-10-8	7/8-14	3/4-16
MJ-MJ-10-10	7/8-14	7/8-14
MJ-MJ-12-8	1 1/16-12	3/4-16
MJ-MJ-12-10	1 1/16-12	7/8-14
MJ-MJ-12-12	1 1/16-12	1 1/16-12
MJ-MJ-14-12	1 3/16-12	1 1/16-12
MJ-MJ-14-14	1 3/16-12	1 3/16-12
MJ-MJ-16-12	1 5/16-12	1 1/16-12
MJ-MJ-16-16	1 5/16-12	1 5/16-12
MJ-MJ-20-16	1 5/8-12	1 5/16-12
MJ-MJ-20-20	1 5/8-12	1 5/8-12
MJ-MJ-24-20	1 7/8-12	1 5/8-12
MJ-MJ-24-24	1 7/8-12	1 7/8-12
MJ-MJ-32-32	2 1/2-12	2 1/2-12



45° MALE JIC ELBOW



PART #	MALE JIC THREAD	MALE JIC THREAD
MJ-MJ45-6-6	9/16-18	9/16-18
MJ-MJ45-8-8	3/4-16	3/4-16
MJ-MJ45-10-10	7/8-14	7/8-14
MJ-MJ45-12-12	1 1/16-12	1 1/16-12

90° MALE JIC ELBOW



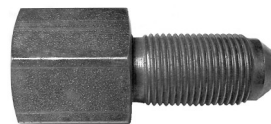
PART #	MALE JIC THREAD	MALE JIC THREAD
MJ-MJ90-2-2	5/16-24	5/16-24
MJ-MJ90-4-4	7/16-20	7/16-20
MJ-MJ90-5-5	1/2-20	1/2-20
MJ-MJ90-6-4	9/16-18	7/16-20
MJ-MJ90-6-6	9/16-18	9/16-18
MJ-MJ90-8-6	3/4-16	9/16-18
MJ-MJ90-8-8	3/4-16	3/4-16
MJ-MJ90-10-10	7/8-14	7/8-14
MJ-MJ90-12-8	1 1/16-12	3/4-16
MJ-MJ90-12-12	1 1/16-12	1 1/16-12
MJ-MJ90-14-14	1 3/16-12	1 3/16-12
MJ-MJ90-16-16	1 5/16-12	1 5/16-12
MJ-MJ90-20-20	1 5/8-12	1 5/8-12
MJ-MJ90-24-24	1 7/8-12	1 7/8-12
MJ-MJ90-32-32	2 1/2-12	2 1/2-12

MALE PIPE- BULKHEAD ADAPTER



PART #	MALE PIPE THREAD	MALE JIC THREAD
MP-MJH-2-4	1/8-27	7/16-20
MP-MJH-4-4	1/4-18	7/16-20
MP-MJH-4-6	1/4-18	9/16-18
MP-MJH-6-6	3/8-18	9/16-18
MP-MJH-6-8	3/8-18	3/4-16
MP-MJH-8-8	1/2-14	3/4-16
MP-MJH-8-10	1/2-14	7/8-14
MP-MJH-12-12	3/4-14	1 1/16-12
MP-MJH-16-16	1-11 1/2	1 5/16-12

FEMALE PIPE- MALE JIC BULKHEAD ADAPTER



PART #	FEMALE PIPE THREAD	MALE JIC THREAD
FP-MJH-2-4	1/8-27	7/16-20
FP-MJH-4-6	1/4-18	9/16-18
FP-MJH-6-6	3/8-18	9/16-18
FP-MJH-6-8	3/8-18	3/4-16
FP-MJH-8-8	1/2-14	3/4-16
FP-MJH-8-10	1/2-14	7/8-14
FP-MJH-12-12	3/4-14	1 1/16-12
FP-MJH-16-16	1-11 1/2	1 5/16-12
FP-MJH-20-20	1 1/4-11 1/2	1 5/8-12

MALE JIC- BULKHEAD ADAPTER



PART #	MALE JIC THREAD	MALE JIC THREAD
MJ-MJH-3-3	3/8-24	3/8-24
MJ-MJH-4-4	7/16-20	7/16-20
MJ-MJH-5-5	1/2-20	1/2-20
MJ-MJH-6-6	9/16-18	9/16-18
MJ-MJH-8-8	3/4-16	3/4-16
MJ-MJH-10-10	7/8-14	7/8-14
MJ-MJH-12-12	1 1/16-12	1 1/16-12
MJ-MJH-14-14	1 3/16-12	1 3/16-12
MJ-MJH-16-16	1 5/16-12	1 5/16-12
MJ-MJH-20-20	1 5/8-12	1 5/8-12
MJ-MJH-24-24	1 7/8-12	1 7/8-12
MJ-MJH-32-32	2 1/2-12	2 1/2-12

BULKHEAD LOCK NUT



PART #	THREAD
HN-2	5/16-24
HN-3	3/8-24
HN-4	7/16-20
HN-5	1/2-20
HN-6	9/16-18
HN-8	3/4-16
HN-10	7/8-14
HN-12	1 1/16-12
HN-14	1 3/16-12
HN-16	1 5/16-12
HN-20	1 5/8-12
HN-24	1 7/8-12
HN-32	2 1/2-12



45° MALE JIC- BULKHEAD ADAPTER



PART #	MALE JIC THREAD	MALE JIC THREAD
MJ-MJH45-4-4	7/16-20	7/16-20
MJ-MJH45-5-5	1/2-20	1/2-20
MJ-MJH45-6-6	9/16-18	9/16-18
MJ-MJH45-8-8	3/4-16	3/4-16
MJ-MJH45-10-10	7/8-14	7/8-14
MJ-MJH45-12-12	1 1/16-12	1 1/16-12
MJ-MJH45-16-16	1 5/16-12	1 5/16-12
MJ-MJH45-20-20	1 5/8-12	1 5/8-12

90° MALE JIC- BULKHEAD ADAPTER



PART #	MALE JIC THREAD	MALE JIC THREAD
MJ-MJH90-4-4	7/16-20	7/16-20
MJ-MJH90-5-5	1/2-20	1/2-20
MJ-MJH90-6-6	9/16-18	9/16-18
MJ-MJH90-8-8	3/4-16	3/4-16
MJ-MJH90-10-10	7/8-14	7/8-14
MJ-MJH90-12-12	1 1/16-12	1 1/16-12
MJ-MJH90-16-16	1 5/16-12	1 5/16-12
MJ-MJH90-20-20	1 5/8-12	1 5/8-12

JIC- BULKHEAD- JIC TEE



PART #	MALE JIC THREAD	MALE JIC THREAD
MJ-MJH-MJT-4	7/16-20	7/16-20
MJ-MJH-MJT-6	9/16-18	9/16-18
MJ-MJH-MJT-8	3/4-16	3/4-16
MJ-MJH-MJT-12	1 1/16-12	1 1/16-12

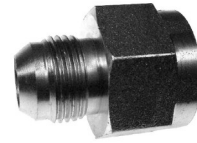
JIC- BULKHEAD TEE



PART #	MALE JIC THREAD	MALE JIC THREAD
MJHT-4	7/16-20	7/16-20
MJHT-5	1/2-20	1/2-20
MJHT-6	9/16-18	9/16-18
MJHT-8	3/4-16	3/4-16
MJHT-10	7/8-14	7/8-14
MJHT-12	1 1/16-12	1 1/16-12
MJHT-16	1 5/16-12	1 5/16-12

Bulkhead "HN" Nuts
are on previous page.

JIC REDUCER



PART #	MALE JIC THREAD	FEMALE JIC THREAD
MJ-FJ-4-5	7/16-20	1/2-20
MJ-FJ-4-6	7/16-20	9/16-18
MJ-FJ-4-8	7/16-20	3/4-16
MJ-FJ-4-10	7/16-20	7/8-14
MJ-FJ-4-12	7/16-20	1 1/16-12
MJ-FJ-5-6	1/2-20	9/16-18
MJ-FJ-6-4	9/16-18	7/16-20
MJ-FJ-6-8	9/16-18	3/4-16
MJ-FJ-6-10	9/16-18	7/8-14
MJ-FJ-6-12	9/16-18	1 1/16-12
MJ-FJ-6-14	9/16-18	1 3/16-12
MJ-FJ-8-6	3/4-16	9/16-18
MJ-FJ-8-10	3/4-16	7/8-14
MJ-FJ-8-12	3/4-16	1 1/16-12
MJ-FJ-8-14	3/4-16	1 3/16-12
MJ-FJ-8-16	3/4-16	1 5/16-12
MJ-FJ-10-8	7/8-14	3/4-16
MJ-FJ-10-12	7/8-14	1 1/16-12
MJ-FJ-10-14	7/8-14	1 3/16-12
MJ-FJ-10-16	7/8-14	1 5/16-12
MJ-FJ-12-8	1 1/16-12	3/4-16
MJ-FJ-12-10	1 1/16-12	7/8-14
MJ-FJ-12-14	1 1/16-12	1 3/16-12
MJ-FJ-12-16	1 1/16-12	1 5/16-12
MJ-FJ-12-20	1 1/16-12	1 5/8-12
MJ-FJ-16-12	1 5/16-12	1 1/16-12
MJ-FJ-16-20	1 5/16-12	1 5/8-12
MJ-FJ-20-16	1 5/8-12	1 5/16-12
MJ-FJ-20-24	1 5/8-12	1 7/8-12
MJ-FJ-24-20	1 7/8-12	1 5/8-12
MJ-FJ-24-32	1 7/8-12	2 1/2-12



MALE JIC-MALE JIC- MALE PIPE TEE



PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MJ-MPT-4-4-2	7/16-20	1/8-27
MJ-MJ-MPT-4	7/16-20	1/4-18
MJ-MJ-MPT-4-4-6	7/16-20	3/8-18
MJ-MJ-MPT-5-5-2	1/2-20	1/8-27
MJ-MJ-MPT-5-5-4	1/2-20	1/4-18
MJ-MJ-MPT-6-6-2	9/16-18	1/8-27
MJ-MJ-MPT-6-6-4	9/16-18	1/4-18
MJ-MJ-MPT-6	9/16-18	9/16-18
MJ-MJ-MPT-6-6-8	9/16-18	1/2-14
MJ-MJ-MPT-8-8-6	3/4-16	3/8-18
MJ-MJ-MPT-8	3/4-16	1/2-14
MJ-MJ-MPT-10-10-6	7/8-14	3/8-18
MJ-MJ-MPT-10-10-8	7/8-14	1/2-14
MJ-MJ-MPT-10-10-12	7/8-14	3/4-14
MJ-MJ-MPT-12	1 1/16-12	3/4-14
MJ-MJ-MPT-14-14-12	1 3/16-12	3/4-14
MJ-MJ-MPT-16-16-12	1 5/16-12	3/4-14
MJ-MJ-MPT-16	1 5/16-12	1-11 1/2
MJ-MJ-MPT-20	1 5/8-12	1 1/4-11 1/2
MJ-MJ-MPT-24	1 7/8-12	1 1/2-11 1/2
MJ-MJ-MPT-32	2 1/2-12	2-11 1/2

MALE JIC-MALE JIC-FEMALE PIPE TEE



PART #	MALE JIC THREAD	FEMALE PIPE THREAD
MJ-MJ-FPT-4-4-2	7/16-20	1/8-27
MJ-MJ-FPT-4	7/16-20	1/4-18
MJ-MJ-FPT-5-5-2	1/2-20	1/8-27
MJ-MJ-FPT-6-6-4	9/16-18	1/4-18
MJ-MJ-FPT-6	9/16-18	3/8-18
MJ-MJ-FPT-8-8-4	3/4-16	1/4-18
MJ-MJ-FPT-8-8-6	3/4-16	3/8-18
MJ-MJ-FPT-8	3/4-16	1/2-14
MJ-MJ-FPT-10-10-4	7/8-14	1/4-18
MJ-MJ-FPT-10-10-8	7/8-14	1/2-14
MJ-MJ-FPT-12-12-8	1 1/16-12	1/2-14
MJ-MJ-FPT-12	1 1/16-12	3/4-14
MJ-MJ-FPT-16-16-12	1 5/16-12	3/4-14
MJ-MJ-FPT-16	1 5/16-12	1-11 1/2
MJ-MJ-FPT-20	1 5/8-12	1 1/4-11 1/2
MJ-MJ-FPT-24	1 7/8-12	1 1/2-11 1/2

MALE JIC-MALE PIPE- MALE JIC TEE



PART #	MALE JIC THREAD	MALE PIPE THREAD
MJ-MP-MJT-4-2-4	7/16-20	1/8-27
MJ-MP-MJT-4	7/16-20	1/4-18
MJ-MP-MJT-5-2-5	1/2-20	1/8-27
MJ-MP-MJT-6-4-6	9/16-18	1/4-18
MJ-MP-MJT-6	9/16-18	3/8-18
MJ-MP-MJT-8-4-8	3/4-16	1/4-18
MJ-MP-MJT-8-6-8	3/4-16	3/8-18
MJ-MP-MJT-8-8-6	3/4-16	1/2-14
MJ-MP-MJT-8	3/4-16	1/2-14
MJ-MP-MJT-8-12-8	3/4-16	3/4-14
MJ-MP-MJT-10-8-10	7/8-14	1/2-14
MJ-MP-MJT-10-12-10	7/8-14	3/4-14
MJ-MP-MJT-12	1 1/16-12	3/4-14
MJ-MP-MJT-14-12-14	1 3/16-12	3/4-14
MJ-MP-MJT-16-12-16	1 5/16-12	3/4-14
MJ-MP-MJT-16	1 5/16-12	1- 11/2
MJ-MP-MJT-20-16-20	1 5/8-12	1- 11 1/2
MJ-MP-MJT-20	1 5/8-12	1 1/4- 11 1/2
MJ-MP-MJT-24	1 7/8-12	1 1/2- 11 1/2
MJ-MP-MJT-32	2 1/2-12	2- 11 1/2



MALE JIC-FEMALE PIPE-MALE JIC TEE



PART #	MALE JIC THREAD	FEMALE PIPE THREAD
MJ-FP-MJT-4-2-4	7/16-20	1/8-27
MJ-FP-MJT-4	7/16-20	1/4-18
MJ-FP-MJT-5-2-5	1/2-20	1/8-27
MJ-FP-MJT-6-4-6	9/16-18	1/4-18
MJ-FP-MJT-6	9/16-18	3/8-18
MJ-FP-MJT-8-6-8	3/4-16	3/8-18
MJ-FP-MJT-8	3/4-16	1/2-14
MJ-FP-MJT-10-8-10	7/8-14	1/2-14
MJ-FP-MJT-12	1 1/16-12	3/4-14
MJ-FP-MJT-16	1 5/16-12	1-11 1/2
MJ-FP-MJT-24	1 7/8-12	1 1/2-11 1/2

MALE JIC TEE



PART #	MALE JIC THREAD	MALE JIC THREAD
MJT-4	7/16-20	
MJT-4-4-6	7/16-20	9/16-18
MJT-5	1/2-20	
MJT-6	9/16-18	
MJT-8-8-6	3/4-16	9/16-18
MJT-8	3/4-16	
MJT-8-8-10	3/4-16	7/8-14
MJT-10-10-8	7/8-14	3/4-16
MJT-10	7/8-14	
MJT-10-10-12	7/8-14	1 1/16-12
MJT-12	1 1/16-12	
MJT-12-12-16	1 1/16-12	1 5/16-12
MJT-14	1 3/16-12	
MJT-16-16-12	1 5/16-12	1 1/16-12
MJT-16	1 5/16-12	
MJT-20-20-16	1 5/8-12	1 5/16-12
MJT-20	1 5/8-12	
MJT-24	1 7/8-12	

MALE JIC CROSS



PART #	MALE JIC THREAD
MJR-4	7/16-20
MJR-5	1/2-20
MJR-6	9/16-18
MJR-8	3/4-16
MJR-10	7/8-14
MJR-12	1 1/16-12
MJR-14	1 3/16-12
MJR-16	1 5/16-12
MJR-20	1 5/8-12



JIC SWIVELS

MALE PIPE-FEMALE JIC SWIVEL



PART #	MALE PIPE THREAD	FEMALE JIC SWIVEL
MP-FJX-4-4	1/4-18	7/16-20
MP-FJX-4-5	1/4-18	1/2-20
MP-FJX-4-6	1/4-18	9/16-18
MP-FJX-6-6	3/8-18	9/16-18
MP-FJX-6-8	3/8-18	3/4-16
MP-FJX-8-8	1/2-14	3/4-16
MP-FJX-8-10	1/2-14	7/8-14
MP-FJX-8-12	1/2-14	1 1/16-12
MP-FJX-12-12	3/4-14	1 1/16-12
MP-FJX-12-16	3/4-14	1 5/16-12
MP-FJX-16-16	1-11 1/2	1 5/16-12
MP-FJX-20-20	1 1/4-11 1/2	1 5/8-12
MP-FJX-24-24	1 1/2-11 1/2	1 7/8-12

90° MALE PIPE- FEMALE JIC SWIVEL ELBOW



PART #	MALE PIPE THREAD	FEMALE JIC SWIVEL
MP-FJX90-2-2	1/8-27	5/16-24
MP-FJX90-4-4	1/4-18	7/16-20
MP-FJX90-4-6	1/4-18	9/16-18
MP-FJX90-6-6	3/8-18	9/16-18
MP-FJX90-6-8	3/8-18	3/4-16
MP-FJX90-8-8	1/2-14	3/4-16
MP-FJX90-8-10	1/2-14	7/8-14
MP-FJX90-12-12	3/4-14	1 1/16-12
MP-FJX90-12-14	3/4-14	1 3/16-12
MP-FJX90-16-16	1-11 1/2	1 5/16-12
MP-FJX90-20-20	1 1/4-11 1/2	1 5/8-12
MP-FJX90-24-24	1 1/2-11 1/2	1 7/8-12

FEMALE PIPE-FEMALE JIC SWIVEL



PART #	FEMALE PIPE THREAD	FEMALE JIC SWIVEL
FP-FJX-4-4	1/4-18	7/16-20
FP-FJX-4-6	1/4-18	9/16-18
FP-FJX-6-6	3/8-18	9/16-18
FP-FJX-6-8	3/8-18	3/4-16
FP-FJX-6-10	3/8-18	7/8-14
FP-FJX-8-6	1/2-14	9/16-18
FP-FJX-8-8	1/2-14	3/4-16
FP-FJX-8-10	1/2-14	7/8-14
FP-FJX-12-10	3/4-14	7/8-14
FP-FJX-12-12	3/4-14	1 1/16-12
FP-FJX-12-14	3/4-14	1 3/16-12
FP-FJX-16-16	1- 11 1/2	1 5/16-12
FP-FJX-20-20	1 1/4- 11 1/2	1 5/8-12

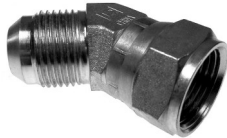
MALE JIC-FEMALE JIC SWIVEL



PART #	MALE JIC THREAD	FEMALE JIC SWIVEL
MJ-FJX-4-4	7/16-20	7/16-20
MJ-FJX-6-6	9/16-18	9/16-18
MJ-FJX-8-8	3/4-16	3/4-16
MJ-FJX-10-10	7/8-14	7/8-14
MJ-FJX-12-12	1 1/16-12	1 1/16-12
MJ-FJX-16-16	1 5/16-12	1 5/16-12
MJ-FJX-20-20	1 5/8-12	1 5/8-12



45° MALE JIC- FEMALE JIC SWIVEL



PART #	MALE JIC THREAD	FEMALE JIC SWIVEL
MJ-FJX45-4-4	7/16-20	7/16-20
MJ-FJX45-5-5	1/2-20	1/2-20
MJ-FJX45-6-6	9/16-18	9/16-18
MJ-FJX45-8-8	3/4-16	3/4-16
MJ-FJX45-10-10	7/8-14	7/8-14
MJ-FJX45-12-12	1 1/16-12	1 1/16-12
MJ-FJX45-16-16	1 5/8-12	1 5/8-12
MJ-FJX45-20-20	1 5/8-12	1 5/8-12
MJ-FJX45-24-24	1 7/8-12	1 7/8-12
MJ-FJX45-32-32	2 1/2-12	2 1/2-12

90° MALE JIC- FEMALE JIC SWIVEL ELBOW



PART #	MALE JIC THREAD	FEMALE JIC SWIVEL
MJ-FJX90-4-4	7/16-20	7/16-20
MJ-FJX90-4-6	7/16-20	9/16-18
MJ-FJX90-5-5	1/2-20	1/2-20
MJ-FJX90-5-6	1/2-20	9/16-18
MJ-FJX90-6-4	9/16-18	7/16-20
MJ-FJX90-6-6	9/16-18	9/16-18
MJ-FJX90-6-8	9/16-18	3/4-16
MJ-FJX90-8-6	3/4-16	9/16-18
MJ-FJX90-8-8	3/4-16	3/4-16
MJ-FJX90-10-8	7/8-14	3/4-16
MJ-FJX90-10-10	7/8-14	7/8-14
MJ-FJX90-12-10	1 1/16-12	7/8-14
MJ-FJX90-12-12	1 1/16-12	1 1/16-12
MJ-FJX90-14-14	1 3/16-12	1 3/16-12
MJ-FJX90-16-16	1 5/16-12	1 5/16-12
MJ-FJX90-20-20	1 5/8-12	1 5/8-12
MJ-FJX90-24-24	1 7/8-12	1 7/8-12
MJ-FJX90-32-32	2 1/2-12	2 1/2-12

90° MALE JIC- FEMALE JIC SWIVEL ELBOW LONG DROP



PART #	MALE JIC THREAD	FEMALE JIC SWIVEL
MJ-FJX90L-4-4	7/16-20	7/16-20
MJ-FJX90L-6-6	9/16-18	9/16-18
MJ-FJX90L-8-8	3/4-16	3/4-16
MJ-FJX90L-10-10	7/8-14	7/8-14
MJ-FJX90L-12-12	1 1/16-12	1 1/16-12
MJ-FJX90L-16-16	1 5/16-12	1 5/16-12

MALE JIC-MALE JIC- FEMALE JIC SWIVEL TEE



PART #	MALE JIC THREAD	FEMALE JIC SWIVEL
MJ-MJ-FJXT-4	7/16-20	7/16-20
MJ-MJ-FJXT-5	1/2-20	1/2-20
MJ-MJ-FJXT-6	9/16-18	9/16-18
MJ-MJ-FJXT-8	3/4-16	3/4-16
MJ-MJ-FJXT-10	7/8-14	7/8-14
MJ-MJ-FJXT-12	1 1/16-12	1 1/16-12
MJ-MJ-FJXT-14	1 3/16-12	1 3/16-12
MJ-MJ-FJXT-16	1 5/16-12	1 5/16-12
MJ-MJ-FJXT-20	1 5/8-12	1 5/8-12
MJ-MJ-FJXT-24	1 7/8-12	1 7/8-12
MJ-MJ-FJXT-32	2 1/2-12	2 1/2-12

MALE JIC-FEMALE JIC SWIVEL-MALE JIC TEE



PART #	MALE JIC THREAD	FEMALE JIC SWIVEL
MJ-FJX-MJT-4	7/16-20	7/16-20
MJ-FJX-MJT-5	1/2-20	1/2-20
MJ-FJX-MJT-6	9/16-18	9/16-18
MJ-FJX-MJT-8	3/4-16	3/4-16
MJ-FJX-MJT-10	7/8-14	7/8-14
MJ-FJX-MJT-12	1 1/16-12	1 1/16-12
MJ-FJX-MJT-14	1 3/16-12	1 3/16-12
MJ-FJX-MJT-16	1 5/16-12	1 5/16-12
MJ-FJX-MJT-20	1 5/8-12	1 5/8-12
MJ-FJX-MJT-24	1 7/8-12	1 7/8-12
MJ-FJX-MJT-32	2 1/2-12	2 1/2-12



STRAIGHT THREAD O-RING “BOSS”

MALE PIPE-MALE BOSS O-RING ADAPTER



PART #	MALE PIPE THREAD	MALE BOSS THREAD
MP-MB-2-4	1/8-27	7/16-20
MP-MB-2-5	1/8-27	1/2-20
MP-MB-2-6	1/8-27	9/16-18
MP-MB-4-4	1/4-18	7/16-20
MP-MB-4-6	1/4-18	9/16-18
MP-MB-6-6	3/8-18	9/16-18
MP-MB-6-8	3/8-18	3/4-16
MP-MB-8-6	1/2-14	9/16-18
MP-MB-8-8	1/2-14	3/4-16
MP-MB-8-10	1/2-14	7/8-14
MP-MB-8-12	1/2-14	1 1/16-12
MP-MB-12-10	3/4-14	7/8-14
MP-MB-12-12	3/4-14	1 1/16-12
MP-MB-12-16	3/4-14	1 5/16-12
MP-MB-16-16	1-11 1/2	1 5/16-12
MP-MB-20-20	1 1/4-11 1/2	1 5/8-12
MP-MB-24-24	1 1/2-11 1/2	1 7/8-12
MP-MB-32-32	2-11 1/2	2 1/2-12

90° MALE PIPE-MALE BOSS O-RING ELBOW



PART #	MALE PIPE THREAD	MALE BOSS THREAD
MP-MB90-2-4	1/8-27	7/16-20
MP-MB90-4-4	1/4-18	7/16-20
MP-MB90-4-6	1/4-18	9/16-18
MP-MB90-6-6	3/8-18	9/16-18
MP-MB90-6-8	3/8-18	3/4-16
MP-MB90-8-8	1/2-14	3/4-16
MP-MB90-8-10	1/2-14	7/8-14
MP-MB90-12-12	3/4-14	1 1/16-12
MP-MB90-12-16	3/4-14	1 5/16-12
MP-MB90-16-16	1-11 1/2	1 5/16-12
MP-MB90-20-20	1 1/4-11 1/2	1 5/8-12
MP-MB90-24-24	1 1/2-11 1/2	1 7/8-12
MP-MB90-32-32	2-11 1/2	2 1/2-12

MALE PIPE-FEMALE BOSS O-RING ADAPTER



PART #	MALE PIPE THREAD	FEMALE BOSS THREAD
MP-FB-2-4	1/8-27	7/16-20
MP-FB-4-4	1/4-18	7/16-20
MP-FB-4-5	1/4-18	1/2-20
MP-FB-4-6	1/4-18	9/16-18
MP-FB-6-4	3/8-18	7/16-20
MP-FB-6-6	3/8-18	9/16-18
MP-FB-6-8	3/8-18	3/4-16
MP-FB-6-10	3/8-18	7/8-14
MP-FB-8-6	1/2-14	9/16-18
MP-FB-8-8	1/2-14	3/4-16
MP-FB-8-10	1/2-14	7/8-14
MP-FB-8-12	1/2-14	1 1/16-12
MP-FB-12-12	3/4-14	1 1/16-12
MP-FB-12-14	3/4-12	1 3/16-12
MP-FB-12-16	3/4-14	1 5/16-12
MP-FB-16-16	1-11 1/2	1 5/16-12
MP-FB-16-20	1-11 1/2	1 5/8-12
MP-FB-20-20	1 1/4-11 1/2	1 5/8-12
MP-FB-24-24	1 1/2-11 1/2	1 7/8-12



MALE BOSS O-RING- FEMALE PIPE ADAPTER



PART #	MALE BOSS THREAD	FEMALE PIPE THREAD
MB-FP-2-4	5/16-24	1/4-18
MB-FP-4-2	7/16-20	1/8-27
MB-FP-4-4	7/16-20	1/4-18
MB-FP-4-6	7/16-20	3/8-18
MB-FP-5-2	1/2-20	1/8-27
MB-FP-5-4	1/2-20	1/4-18
MB-FP-6-2	9/16-18	1/8-27
MB-FP-6-4	9/16-18	1/4-18
MB-FP-6-6	9/16-18	3/8-18
MB-FP-6-8	9/16-18	1/2-14
MB-FP-8-8	3/4-16	1/2-14
MB-FP-8-12	3/4-16	3/4-14
MB-FP-10-4	7/8-14	1/4-18
MB-FP-10-6	7/8-14	3/8-18
MB-FP-10-8	7/8-14	1/2-14
MB-FP-10-12	7/8-14	3/4-14
MB-FP-12-6	1 1/16-12	3/8-18
MB-FP-12-8	1 1/16-12	1/2-14
MB-FP-12-12	1 1/16-12	3/4-14
MB-FP-12-16	1 1/16-12	1-11 1/2
MB-FP-14-12	1 3/16-12	3/4-14
MB-FP-16-6	1 5/16-12	3/8-18
MB-FP-16-8	1 5/16-12	1/2-14
MB-FP-16-12	1 5/16-12	3/4-14
MB-FP-16-16	1 5/16-12	1-11 1/2
MB-FP-16-20	1 5/16-12	1 1/4-11 1/2
MB-FP-20-12	1 5/8-12	3/4-14
MB-FP-20-16	1 5/8-12	1-11 1/2
MB-FP-20-20	1 5/8-12	1 1/4-11 1/2
MB-FP-20-24	1 5/8-12	1 1/2-11 1/2
MB-FP-24-16	1 7/8-12	1-11 1/2
MB-FP-24-20	1 7/8-12	1 1/4-11 1/2
MB-FP-24-24	1 7/8-12	1 1/2-11 1/2
MB-FP-32-24	2 1/2-12	1 1/2-11 1/2
MB-FP-32-32	2 1/2-12	2 -11 1/2

90° MALE BOSS O-RING FEMALE PIPE ELBOW



PART #	MALE BOSS THREAD	FEMALE PIPE THREAD
MB-FP90-4-2	7/16-20	1/8-27
MB-FP90-4-4	7/16-20	1/4-18
MB-FP90-5-2	1/2-20	1/8-27
MB-FP90-6-4	9/16-18	1/4-18
MB-FP90-6-6	9/16-18	3/8-18
MB-FP90-8-6	3/4-16	3/8-18
MB-FP90-8-8	3/4-16	1/2-14
MB-FP90-10-6	7/8-14	3/8-18
MB-FP90-10-8	7/8-14	1/2-14
MB-FP90-12-8	1 1/16-12	1/2-14
MB-FP90-12-12	1 1/16-12	3/4-14
MB-FP90-16-12	1 5/16-12	3/4-14
MB-FP90-16-16	1 5/16-12	1-11 1/2
MB-FP90-20-20	1 5/8-12	1 1/4-11 1/2
MB-FP90-24-24	1 7/8-12	1 1/2-11 1/2
MB-FP90-32-32	2 1/2-12	2 -11 1/2

MALE BOSS -FEMALE BOSS O-RING ADAPTER



PART #	MALE BOSS THREAD	FEMALE BOSS THREAD
MB-FB-4-6	7/16-20	9/16-18
MB-FB-5-4	1/2-20	7/16-20
MB-FB-6-4	9/16-18	7/16-20
MB-FB-6-8	9/16-18	3/4-16
MB-FB-8-4	3/4-16	7/16-20
MB-FB-8-6	3/4-16	9/16-18
MB-FB-10-4	7/8-14	7/16-20
MB-FB-10-6	7/8-14	9/16-18
MB-FB-10-8	7/8-14	3/4-16
MB-FB-10-12	7/8-14	1 1/16-12
MB-FB-12-6	1 1/16-12	9/16-18
MB-FB-12-8	1 1/16-12	3/4-16
MB-FB-12-10	1 1/16-12	7/8-14
MB-FB-12-12	1 1/16-12	1 1/16-12
MB-FB-12-16	1 1/16-12	1 5/16-12
MB-FB-14-12	1 3/16-12	1 1/16-12
MB-FB-16-6	1 5/16-12	9/16-18
MB-FB-16-8	1 5/16-12	3/4-16
MB-FB-16-10	1 5/16-12	7/8-14
MB-FB-16-12	1 5/16-12	1 1/16-12
MB-FB-16-16	1 5/16-12	1 5/16-12
MB-FB-20-12	1 5/8-12	1 1/16-12
MB-FB-20-16	1 5/8-12	1 5/16-12
MB-FB-24-12	1 5/8-12	1 1/16-12
MB-FB-24-16	1 7/8-12	1 5/16-12
MB-FB-24-20	1 7/8-12	1 5/8-12
MB-FB-32-24	2 1/2-12	1 7/8-12



**MALE BOSS O-RING -
FEMALE PIPE
SWIVEL ADAPTER**



PART #	MALE BOSS THREAD	FEMALE PIPE THREAD
MB-FPX-4-2	7/16-20	1/8-27
MB-FPX-4-4	7/16-20	1/4-18
MB-FPX-4-6	7/16-20	3/8-18
MB-FPX-5-4	1/2-20	1/4-18
MB-FPX-5-8	1/2-20	1/2-14
MB-FPX-6-4	9/16-18	1/4-18
MB-FPX-6-6	9/16-18	3/8-18
MB-FPX-6-8	9/16-18	1/2-14
MB-FPX-8-4	3/4-16	1/4-18
MB-FPX-8-6	3/4-16	3/8-18
MB-FPX-8-8	3/4-16	1/2-14
MB-FPX-8-12	3/4-16	3/4-14
MB-FPX-10-6	7/8-14	3/8-18
MB-FPX-10-8	7/8-14	1/2-14
MB-FPX-10-12	7/8-14	3/4-14
MB-FPX-12-6	1 1/16-12	3/8-18
MB-FPX-12-8	1 1/16-12	1/2-14
MB-FPX-12-12	1 1/16-12	3/4-14
MB-FPX-12-16	1 1/16-12	1-11 1/2
MB-FPX-14-12	1 3/16-12	3/4-14
MB-FPX-16-8	1 5/16-12	1/2-14
MB-FPX-16-12	1 5/16-12	3/4-14
MB-FPX-16-16	1 5/16-12	1-11 1/2
MB-FPX-16-20	1 5/16-12	1 1/4-11 1/2
MB-FPX-20-16	1 5/8-12	1-11 1/2
MB-FPX-20-20	1 5/8-12	1 1/4-11 1/2
MB-FPX-24-20	1 7/8-12	1 1/4-11 1/2
MB-FPX-24-24	1 7/8-12	1 1/2-11 1/2
MB-FPX-32-32	2 1/2-12	2 -11 1/2

**45° MALE BOSS O-RING
-FEMALE PIPE SWIVEL
ELBOW**



PART #	MALE BOSS THREAD	FEMALE PIPE THREAD
MB-FPX45-4-4	7/16-20	1/4-18
MB-FPX45-4-6	7/16-20	3/8-18
MB-FPX45-6-4	9/16-18	1/4-18
MB-FPX45-6-6	9/16-18	3/8-18
MB-FPX45-6-8	9/16-18	1/2-14
MB-FPX45-8-6	3/4-16	3/8-18
MB-FPX45-8-8	3/4-16	1/2-14
MB-FPX45-8-12	3/4-16	3/4-14
MB-FPX45-10-6	7/8-14	3/8-18
MB-FPX45-10-8	7/8-14	1/2-14
MB-FPX45-10-12	7/8-14	3/4-14
MB-FPX45-12-8	1 1/16-12	1/2-14
MB-FPX45-12-12	1 1/16-12	3/4-14
MB-FPX45-16-12	1 5/16-12	3/4-14
MB-FPX45-16-16	1 5/16-12	1-11 1/2
MB-FPX45-20-16	1 5/8-12	1-11 1/2
MB-FPX45-20-20	1 5/8-12	1 1/4-11 1/2
MB-FPX45-24-24	1 7/8-12	1 1/2-11 1/2

**90° MALE BOSS O-RING
-FEMALE PIPE SWIVEL
ELBOW**



PART #	MALE BOSS THREAD	FEMALE PIPE SWIVEL
MB-FPX90-4-2	7/16-20	1/8-27
MB-FPX90-4-4	7/16-20	1/4-18
MB-FPX90-4-6	7/16-20	3/8-18
MB-FPX90-5-4	1/2-20	1/4-18
MB-FPX90-6-4	9/16-18	1/4-18
MB-FPX90-6-6	9/16-18	3/8-18
MB-FPX90-6-8	9/16-18	1/2-14
MB-FPX90-8-4	3/4-16	1/4-18
MB-FPX90-8-6	3/4-16	3/8-18
MB-FPX90-8-8	3/4-16	1/2-14
MB-FPX90-8-12	3/4-16	3/4-14
MB-FPX90-10-6	7/8-14	3/8-18
MB-FPX90-10-8	7/8-14	1/2-14
MB-FPX90-10-12	7/8-14	3/4-14
MB-FPX90-12-6	1 1/16-12	3/8-18
MB-FPX90-12-8	1 1/16-12	1/2-14
MB-FPX90-12-12	1 1/16-12	3/4-14
MB-FPX90-12-16	1 1/16-12	1- 11 1/2
MB-FPX90-14-12	1 3/16-12	3/4-14
MB-FPX90-16-12	1 5/16-12	3/4-14
MB-FPX90-16-16	1 5/16-12	1- 11 1/2
MB-FPX90-16-20	1 5/16-12	1 1/4- 11 1/2
MB-FPX90-20-12	1 5/8-12	3/4-14
MB-FPX90-20-16	1 5/8-12	1- 11 1/2
MB-FPX90-20-20	1 5/8-12	1 1/4- 11 1/2
MB-FPX90-24-24	1 7/8-12	1 1/2- 11 1/2



MALE BOSS O-RING MALE JIC



PART #	MALE BOSS THREAD	MALE JIC THREAD
MB-MJ-2-2	5/16-24	5/16-24
MB-MJ-2-4	5/16-24	7/16-20
MB-MJ-3-3	3/8-24	3/8-24
MB-MJ-3-4	3/8-24	7/16-20
MB-MJ-4-3	7/16-20	3/8-24
MB-MJ-4-4	7/16-20	7/16-20
MB-MJ-4-5	7/16-20	1/2-20
MB-MJ-4-6	7/16-20	9/16-18
MB-MJ-4-8	7/16-20	3/4-16
MB-MJ-5-4	1/2-20	7/16-20
MB-MJ-5-5	1/2-20	1/2-20
MB-MJ-5-6	1/2-20	9/16-18
MB-MJ-6-4	9/16-18	7/16-20
MB-MJ-6-5	9/16-18	1/2-20
MB-MJ-6-6	9/16-18	9/16-18
MB-MJ-6-8	9/16-18	3/4-16
MB-MJ-6-10	9/16-18	7/8-14
MB-MJ-6-12	9/16-18	1 1/16-12
MB-MJ-8-4	3/4-16	7/16-20
MB-MJ-8-6	3/4-16	9/16-18
MB-MJ-8-8	3/4-16	3/4-16
MB-MJ-8-10	3/4-16	7/8-14
MB-MJ-8-12	3/4-16	1 1/16-12
MB-MJ-10-4	7/8-14	7/16-20
MB-MJ-10-6	7/8-14	9/16-18
MB-MJ-10-8	7/8-14	3/4-16
MB-MJ-10-10	7/8-14	7/8-14
MB-MJ-10-12	7/8-14	1 1/16-12
MB-MJ-10-14	7/8-14	1 3/16-12
MB-MJ-10-16	7/8-14	1 5/16-12
MB-MJ-12-6	1 1/16-12	9/16-18
MB-MJ-12-8	1 1/16-12	3/4-16
MB-MJ-12-10	1 1/16-12	7/8-14
MB-MJ-12-12	1 1/16-12	1 1/16-12
MB-MJ-12-14	1 1/16-12	1 3/16-12
MB-MJ-12-16	1 1/16-12	1 5/16-12
MB-MJ-12-20	1 1/16-12	1 5/8-12

PART #	MALE BOSS THREAD	MALE JIC THREAD
MB-MJ-14-12	1 3/16-12	1 1/16-12
MB-MJ-14-14	1 3/16-12	1 3/16-12
MB-MJ-14-16	1 3/16-12	1 5/16-12
MB-MJ-16-8	1 5/16-12	3/4-16
MB-MJ-16-10	1 5/16-12	7/8-14
MB-MJ-16-12	1 5/16-12	1 1/16-12
MB-MJ-16-16	1 5/16-12	1 5/16-12
MB-MJ-16-20	1 5/16-12	1 5/8-12
MB-MJ-20-10	1 5/8-12	7/8-14
MB-MJ-20-12	1 5/8-12	1 1/16-12
MB-MJ-20-16	1 5/8-12	1 5/16-12
MB-MJ-20-20	1 5/8-12	1 5/8-12
MB-MJ-20-24	1 5/8-12	1 7/8-12
MB-MJ-24-16	1 7/8-12	1 5/16-12
MB-MJ-24-20	1 7/8-12	1 5/8-12
MB-MJ-24-24	1 7/8-12	1 7/8-12
MB-MJ-24-32	1 7/8-12	2 1/2-12
MB-MJ-32-24	2 1/2-12	1 7/8-12
MB-MJ-32-32	2 1/2-12	2 1/2-12

45° MALE BOSS O-RING MALE JIC



PART #	MALE BOSS THREAD	MALE JIC THREAD
MB-MJ45-4-4	7/16-20	7/16-20
MB-MJ45-4-5	7/16-20	1/2-20
MB-MJ45-4-6	7/16-20	9/16-18
MB-MJ45-5-4	1/2-20	7/16-20
MB-MJ45-5-5	1/2-20	1/2-20
MB-MJ45-6-4	9/16-18	7/16-20
MB-MJ45-6-6	9/16-18	9/16-18
MB-MJ45-6-8	9/16-18	3/4-16
MB-MJ45-8-4	3/4-16	7/16-20
MB-MJ45-8-6	3/4-16	9/16-18
MB-MJ45-8-8	3/4-16	3/4-16
MB-MJ45-8-10	3/4-16	7/8-14
MB-MJ45-8-12	3/4-16	1 1/16-12
MB-MJ45-10-8	7/8-14	3/4-16
MB-MJ45-12-8	1 1/16-12	3/4-16
MB-MJ45-12-10	1 1/16-12	7/8-14
MB-MJ45-12-12	1 1/16-12	1 1/16-12
MB-MJ45-12-16	1 1/16-12	1 5/16-12
MB-MJ45-14-14	1 3/16-12	1 3/16-12
MB-MJ45-16-12	1 5/16-12	1 1/16-12
MB-MJ45-16-16	1 5/16-12	1 5/16-12
MB-MJ45-16-20	1 5/16-12	1 5/8-12
MB-MJ45-20-16	1 5/8-12	1 5/16-12
MB-MJ45-20-20	1 5/8-12	1 5/8-12
MB-MJ45-20-24	1 5/8-12	1 7/8-12
MB-MJ45-24-24	1 7/8-12	1 7/8-12
MB-MJ45-32-32	2 1/2-12	2 1/2-12



90° MALE BOSS O-RING MALE JIC



PART #	MALE BOSS THREAD	MALE JIC THREAD
MB-MJ90-3-3	3/8-24	3/8-24
MB-MJ90-4-4	7/16-20	7/16-20
MB-MJ90-4-5	7/16-20	1/2-20
MB-MJ90-4-6	7/16-20	9/16-18
MB-MJ90-4-8	7/16-20	3/4-16
MB-MJ90-5-4	1/2-20	7/16-20
MB-MJ90-5-5	1/2-20	1/2-20
MB-MJ90-5-6	1/2-20	9/16-18
MB-MJ90-6-4	9/16-18	7/16-20
MB-MJ90-6-5	9/16-18	1/2-20
MB-MJ90-6-6	9/16-18	9/16-18
MB-MJ90-6-8	9/16-18	3/4-16
MB-MJ90-6-10	9/16-18	7/8-14
MB-MJ90-8-4	3/4-16	7/16-20
MB-MJ90-8-5	3/4-16	1/2-20
MB-MJ90-8-6	3/4-16	9/16-18
MB-MJ90-8-8	3/4-16	3/4-16
MB-MJ90-8-10	3/4-16	7/8-14
MB-MJ90-8-12	3/4-16	1 1/16-12
MB-MJ90-10-6	7/8-14	9/16-18
MB-MJ90-10-8	7/8-14	3/4-16
MB-MJ90-10-10	7/8-14	7/8-14
MB-MJ90-10-12	7/8-14	1 1/16-12
MB-MJ90-12-6	1 1/16-12	9/16-18
MB-MJ90-12-8	1 1/16-12	3/4-16
MB-MJ90-12-10	1 1/16-12	7/8-14
MB-MJ90-12-12	1 1/16-12	1 1/16-12
MB-MJ90-12-16	1 1/16-12	1 5/16-12
MB-MJ90-14-12	1 3/16-12	1 1/16-12
MB-MJ90-14-14	1 3/16-12	1 3/16-12
MB-MJ90-16-8	1 5/16-12	3/4-16
MB-MJ90-16-12	1 5/16-12	1 1/16-12
MB-MJ90-16-16	1 5/16-12	1 5/16-12
MB-MJ90-16-20	1 5/16-12	1 5/8-12
MB-MJ90-16-24	1 5/16-12	1 5/8-12

PART #	MALE BOSS THREAD	MALE JIC THREAD
MB-MJ90-20-16	1 5/8-12	1 5/16-12
MB-MJ90-20-20	1 5/8-12	1 5/8-12
MB-MJ90-20-24	1 5/8-12	1 7/8-12
MB-MJ90-24-20	1 7/8-12	1 5/8-12
MB-MJ90-24-24	1 7/8-12	1 7/8-12
MB-MJ90-32-32	2 1/2-12	2 1/2-12

90° MALE BOSS O-RING MALE JIC LONG DROP



PART #	MALE BOSS THREAD	MALE JIC THREAD
MB-MJ90LL-4-4	7/16-20	7/16-20
MB-MJ90LL-6-6	9/16-18	9/16-18
MB-MJ90LL-6-8	9/16-18	3/4-16
MB-MJ90LL-8-6	3/4-16	9/16-18
MB-MJ90LL-8-8	3/4-16	3/4-16
MB-MJ90LL-10-8	7/8-14	3/4-16
MB-MJ90LL-10-10	7/8-14	7/8-14
MB-MJ90LL-12-12	1 1/16-12	1 1/16-12
MB-MJ90LL-12-16	1 1/16-12	1 5/16-12
MB-MJ90LL-16-12	1 5/16-12	1 1/16-12
MB-MJ90LL-16-16	1 5/16-12	1 5/16-12

MALE BOSS O-RING- FEMALE JIC SWIVEL



PART #	MALE BOSS THREAD	FEMALE JIC SWIVEL
MB-FJX-4-4	7/16-20	7/16-20
MB-FJX-6-6	9/16-18	9/16-18
MB-FJX-6-8	9/16-18	3/4-16
MB-FJX-8-8	3/4-16	3/4-16
MB-FJX-10-10	7/8-14	7/8-14
MB-FJX-12-12	1 1/16-12	1 1/16-12
MB-FJX-16-16	1 5/16-12	1 5/16-12
MB-FJX-20-20	1 5/8-12	1 5/8-12



MALE JIC- MALE BOSS -MALE JIC TEE



PART #	MALE JIC THREAD	MALE BOSS THREAD
MJ-MB-MJT-4	7/16-20	7/16-20
MJ-MB-MJT-5	1/2-20	1/2-20
MJ-MB-MJT-6-4-6	9/16-18	7/16-20
MJ-MB-MJT-6	9/16-18	9/16-18
MJ-MB-MJT-8-6-8	3/4-16	9/16-18
MJ-MB-MJT-8	3/4-16	3/4-16
MJ-MB-MJT-8-10-8	3/4-16	7/8-14
MJ-MB-MJT-10	7/8-14	7/8-14
MJ-MB-MJT-12-10-12	1 1/16-12	7/8-14
MJ-MB-MJT-12	1 1/16-12	1 1/16-12
MJ-MB-MJT-16-12-16	1 5/16-12	1 1/16-12
MJ-MB-MJT-16	1 5/16-12	1 5/16-12
MJ-MB-MJT-20	1 5/8-12	1 5/8-12
MJ-MB-MJT-24	1 7/8-12	1 7/8-12

MALE JIC-MALE JIC MALE BOSS TEE



PART #	MALE JIC- THREAD	MALE BOSS THREAD
MJ-MJ-MBT-4	7/16-20	7/16-20
MJ-MJ-MBT-4-4-6	7/16-20	9/16-18
MJ-MJ-MBT-5	1/2-20	1/2-20
MJ-MJ-MBT-6	9/16-18	9/16-18
MJ-MJ-MBT-8-8-6	3/4-16	9/16-18
MJ-MJ-MBT-8	3/4-16	3/4-16
MJ-MJ-MBT-8-8-10	3/4-16	7/8-14
MJ-MJ-MBT-10	7/8-14	7/8-14
MJ-MJ-MBT-12-12-10	1 1/16-12	7/8-14
MJ-MJ-MBT-12	1 1/16-12	1 1/16-12
MJ-MJ-MBT-12-12-16	1 1/16-12	1 5/16-12
MJ-MJ-MBT-16	1 5/16-12	1 5/16-12
MJ-MJ-MBT-20	1 5/8-12	1 5/8-12
MJ-MJ-MBT-24	1 7/8-12	1 7/8-12



S.A.E. ADAPTERS

MALE S.A.E. MALE PIPE ADAPTER



PART #	S.A.E. THREAD	MALE PIPE THREAD
MS-MP-4-2	7/16-20	1/8-27
MS-MP-4-4	7/16-20	1/4-18
MS-MP-4-6	7/16-20	3/8-18
MS-MP-5-2	1/2-20	1/8-27
MS-MP-5-4	1/2-20	1/4-18
MS-MP-6-2	5/8-18	1/8-27
MS-MP-6-4	5/8-18	1/4-18
MS-MP-6-6	5/8-18	3/8-18
MS-MP-6-8	5/8-18	1/2-14
MS-MP-8-4	3/4-16	1/4-18
MS-MP-8-6	3/4-16	3/8-18
MS-MP-8-8	3/4-16	1/2-14
MS-MP-8-12	3/4-16	3/4-14
MS-MP-10-6	7/8-14	3/8-18
MS-MP-10-8	7/8-14	1/2-14
MS-MP-10-12	7/8-14	3/4-14
MS-MP-12-8	1 1/16-14	1/2-14
MS-MP-12-12	1 1/16-14	3/4-14

90° MALE S.A.E.— MALE PIPE ADAPTER



PART #	S.A.E. THREAD	MALE PIPE THREAD
MS-MP90-4-2	7/16-20	1/8-27
MS-MP90-4-4	7/16-20	1/4-18
MS-MP90-4-6	7/16-20	3/8-18
MS-MP90-6-2	5/8-18	1/8-27
MS-MP90-6-4	5/8-18	1/4-18
MS-MP90-6-6	5/8-18	3/8-18
MS-MP90-6-8	5/8-18	1/2-14
MS-MP90-6-12	5/8-18	3/4-14
MS-MP90-8-4	3/4-16	1/4-18
MS-MP90-8-6	3/4-16	3/8-18
MS-MP90-8-8	3/4-16	1/2-14
MS-MP90-8-12	3/4-16	3/4-14
MS-MP90-10-6	7/8-14	3/8-18
MS-MP90-10-8	7/8-14	1/2-14
MS-MP90-10-12	7/8-14	3/4-14
MS-MP90-12-8	1 1/16-14	1/2-14
MS-MP90-12-12	1 1/16-14	3/4-14

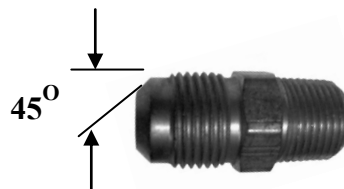
MALE S.A.E.— FEMALE PIPE ADAPTER



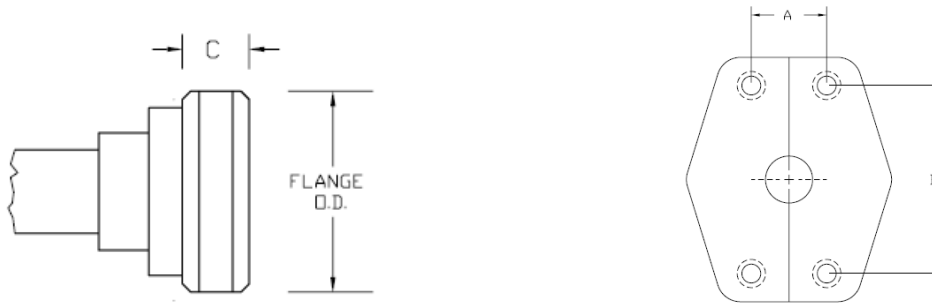
PART #	S.A.E. THREAD	MALE PIPE THREAD
MS-FP-4-4	7/16-20	1/4-18
MS-FP-4-6	7/16-20	3/8-18
MS-FP-6-6	5/8-18	3/8-18
MS-FP-6-8	5/8-18	1/2-14
MS-FP-8-4	3/4-16	1/4-18
MS-FP-12-8	1 1/16-14	1/2-14

Note: S.A.E. adapters have a 45° seat.

(For standard JIC adapters see page 15.)



FLANGE IDENTIFICATION CHART



Dash Size	Nominal Flange Size (in.)	90 Durometer O-ring	Code 61 Flange "FL"				Code 62 Flange "FLH"			
			Flange O.D.	A (in.)	B (in.)	C (in.)	Flange O.D.	A (in.)	B (in.)	C (in.)
-8	1/2	210	1.188	0.688	1.500	0.265	1.250	0.718	1.594	0.305
-12	3/4	214	1.500	0.875	1.875	0.265	1.625	0.937	2.000	0.345
-16	1	219	1.750	1.031	2.062	0.315	1.875	1.093	2.250	0.375
-20	1-1/4	222	2.000	1.188	2.312	0.315	2.125	1.250	2.625	0.405
-24	1-1/2	225	2.375	1.406	2.750	0.315	2.500	1.437	3.125	0.495
-32	2	228	2.812	1.688	3.062	0.375	3.125	1.750	3.812	0.495
-40	2-1/2	232	3.312	2.000	3.500	0.375				
-48	3	237	4.000	2.438	4.188	0.375				

CODE 61 SPLIT FLANGE HALVES

CODE 61 FLANGE BLOCK- FEMALE PIPE



PART #	PORT SIZE	Flange Thickness
W43-8-8U	.50	.265
W43-12-12U	.75	.265
W43-16-16U	1.00	.315
W43-20-20U	1.25	.315
W43-24-24U	1.50	.315
W43-32-32U	2.00	.375



CODE 61 PART #	PORT SIZE	Flange Thickness
8SFO	.50	.265
12SFO	.75	.265
16SFO	1.00	.315
20SFO	1.25	.315
24SFO	1.50	.315
32SFO	2.00	.375
40SFO	2.50	.375

CODE 62 SPLIT FLANGE HALVES



CODE 61 PART #	PORT SIZE	Flange Thickness
8-SFXO	.50	.305
12SFXO	.75	.345
16SFXO	1.00	.375
20SFXO	1.25	.405
24SFXO	1.50	.495
32SFXO	2.00	.495



CODE 61 FLANGE- MALE JIC ADAPTER



PART #	O-RING FLANGE	MALE JIC THREAD
FL-MJ-8-8	See Chart	3/4-16
FL-MJ-12-12		1 1/16-12
FL-MJ-16-16		1 5/16-12
FL-MJ-20-20		1 5/8-12
FL-MJ-24-20		1 5/8-12
FL-MJ-24-24		1 7/8-12
FL-MJ-32-24		1 7/8-12
FL-MJ-32-32		2 1/2-12

45° CODE 61 FLANGE- MALE JIC ELBOW



PART #	O-RING FLANGE	MALE JIC THREAD
FL-MJ45-8-8	See Chart	3/4-16
FL-MJ45-12-12		1 1/16-12
FL-MJ45-16-16		1 5/16-12
FL-MJ45-20-16		1 5/16-12
FL-MJ45-20-20		1 5/8-12
FL-MJ45-24-24		1 7/8-12
FL-MJ45-32-32		2 1/2-12

90° CODE 61 FLANGE- MALE JIC ELBOW



PART #	O-RING FLANGE	MALE JIC THREAD
FL-MJ90-8-8	See Chart	3/4-16
FL-MJ90-12-12		1 1/16-12
FL-MJ90-16-12		1 1/16-12
FL-MJ90-16-16		1 5/16-12
FL-MJ90-20-16		1 5/16-12
FL-MJ90-20-20		1 5/8-12
FL-MJ90-24-24		1 7/8-12
FL-MJ90-32-32		2 1/2-12

4K & 5K CODE 61 FLANGE- MALE JIC ADAPTER



PART #	O-RING FLANGE	MALE JIC THREAD
FL4K-MJ-20-16	See Chart	1 5/16-12
FL5K-MJ-12-12	See Chart	1 1/16-12
FL5K-MJ-16-12		1 1/16-12
FL5K-MJ-16-16		1 5/16-12
FL5K-MJ-16-20		1 5/8-12

5K 45° CODE 61 FLANGE MALE JIC ELBOW



PART #	O-RING FLANGE	MALE JIC THREAD
FL5K-MJ45-12-12	See Chart	1 1/16-12
FL5K-MJ45-16-16		1 5/16-12

4K & 5K 90° CODE 61 FLANGE MALE JIC ELBOW



PART #	O-RING FLANGE	MALE JIC THREAD
FL4K-MJ90-20-16	See Chart	1 5/16-12
FL5K-MJ90-12-12	See Chart	1 1/16-12
FL5K-MJ90-16-12		1 1/16-12
FL5K-MJ90-16-16		1 5/16-12

CODE 62 FLANGE MALE JIC ADAPTER



PART #	O-RING FLANGE	MALE JIC THREAD
FLH6K-MJ-12-12	See Chart	1 1/16-12
FLH6K-MJ-16-12		1 1/16-12
FLH6K-MJ-16-16		1 5/16-12
FLH6K-MJ-16-20		1 5/8-12
FLH6K-MJ-20-16		1 5/16-12
FLH6K-MJ-20-20		1 5/8-12
FLH6K-MJ-24-24		1 7/8-12



**45° CODE 62 FLANGE
MALE JIC ELBOW**



PART #	O-RING FLANGE	MALE JIC THREAD
FLH6K-MJ45-12-12	See Chart	1 1/16-12
FLH6K-MJ45-16-16		1 5/16-12
FLH6K-MJ45-20-20		1 5/8-12

**90° CODE 62 FLANGE
MALE JIC ELBOW**



PART #	O-RING FLANGE	MALE JIC THREAD
FLH6K-MJ90-12-12	See Chart	1 1/16-12
FLH6K-MJ90-12-16		1 1/16-12
FLH6K-MJ90-16-12		1 1/16-12
FLH6K-MJ90-16-16		1 5/16-12
FLH6K-MJ90-16-20		1 5/8-12
FLH6K-MJ90-20-16		1 5/16-12
FLH6K-MJ90-20-20		1 5/8-12

FLAT FACE ADAPTERS

**MALE FLAT FACE
-MALE PIPE ADAPTER**



PART #	MALE FLAT FACE THREAD	MALE PIPE THREAD
MFFOR-MP-4-2	9/16-18	1/8-27
MFFOR-MP-4-4	9/16-18	1/4-18
MFFOR-MP-4-6	9/16-18	3/8-18
MFFOR-MP-6-4	11/16-16	1/4-18
MFFOR-MP-6-6	11/16-16	3/8-18
MFFOR-MP-6-8	11/16-16	1/2-14
MFFOR-MP-8-6	13/16-16	3/8-18
MFFOR-MP-8-8	13/16-16	1/2-14
MFFOR-MP-10-8	1-14	1/2-14
MFFOR-MP-12-12	1 3/16-12	3/4-14
MFFOR-MP-16-16	1 7/16-12	1-11 1/2
MFFOR-MP-20-20	1 11/16-12	1 1/4-11 1/2

**MALE FLAT FACE-
MALE BOSS ADAPTER**



PART #	MALE FLAT FACE THREAD	MALE BOSS THREAD
MFFOR-MB-4-4	9/16-18	7/16-20
MFFOR-MB-4-6	9/16-18	9/16-20
MFFOR-MB-4-8	9/16-18	3/4-16
MFFOR-MB-6-6	11/16-16	9/16-18
MFFOR-MB-6-8	11/16-16	3/4-16
MFFOR-MB-6-10	11/16-16	7/8-14
MFFOR-MB-8-6	13/16-16	9/16-18
MFFOR-MB-8-8	13/16-16	3/4-16
MFFOR-MB-8-10	13/16-16	7/8-14
MFFOR-MB-8-12	13/16-16	1 1/16-12
MFFOR-MB-10-10	1-14	7/8-14
MFFOR-MB-12-8	1 3/16-12	3/4-16
MFFOR-MB-12-12	1 3/16-12	1 1/16-12
MFFOR-MB-12-16	1 3/16-12	1 5/16-12
MFFOR-MB-16-12	1 7/16-12	1 1/16-12
MFFOR-MB-16-16	1 7/16-12	1 5/16-12
MFFOR-MB-20-16	1 11/16-12	1 5/16-12
MFFOR-MB-20-20	1 11/16-12	1 5/8-12

**45° MALE FLAT FACE
MALE BOSS ADAPTER**



PART #	MALE FLAT FACE THREAD	MALE BOSS THREAD
MFFOR-MB45-4-6	9/16-18	9/16-20
MFFOR-MB45-6-6	11/16-16	9/16-18
MFFOR-MB45-8-10	13/16-16	7/8-14



90° MALE FLAT FACE- MALE BOSS ELBOW



PART #	MALE FLAT FACE THREAD	MALE BOSS THREAD
MFFOR-MB90-4-4	9/16-18	7/16-20
MFFOR-MB90-6-4	11/16-16	7/16-20
MFFOR-MB90-6-6	11/16-16	9/16-18
MFFOR-MB90-6-10	11/16-16	7/8-14
MFFOR-MB90-8-8	13/16-16	3/4-16
MFFOR-MB90-8-10	13/16-16	7/8-14
MFFOR-MB90-8-12	13/16-16	1 1/16-12
MFFOR-MB90-10-8	1-14	3/4-16
MFFOR-MB90-10-10	1-14	7/8-14
MFFOR-MB90-12-12	1 3/16-12	1 1/16-12
MFFOR-MB90-16-12	1 7/16-12	1 1/16-12
MFFOR-MB90-16-16	1 7/16-12	1 5/16-12
MFFOR-MB90-20-20	1 11/16-12	1 5/8-12

90° MALE FLAT FACE -FEMALE FLAT FACE



PART #	MALE FLAT FACE THREAD	FEMALE FLAT FACE SWIVEL
MFFOR-FFORX90-4-4	9/16-18	9/16-18
MFFOR-FFORX90-6-6	11/16-16	11/16-16
MFFOR-FFORX90-8-8	13/16-16	13/16-16
MFFOR-FFORX90-10-10	1-14	1-14
MFFOR-FFORX90-12-12	1 3/16-12	1 3/16-12
MFFOR-FFORX90-16-16	1 7/16-12	1 7/16-12
MFFOR-FFORX90-20-20	1 11/16-12	1 11/16-12

FEMALE FLAT FACE SWIVEL- MALE JIC



PART #	MALE FLAT FACE THREAD	MALE BOSS THREAD
FFORX-MJ-4-4	9/16-18	7/16-20
FFORX-MJ-6-6	11/16-16	9/16-18
FFORX-MJ-8-8	13/16-16	3/4-16
FFORX-MJ-10-10	1-14	7/8-14
FFORX-MJ-12-12	1 3/16-12	1 1/6-12
FFORX-MJ-16-16	1 7/16-12	1 5/16-12

MALE- FEMALE SWIVEL-MALE FLAT FACE TEE



PART #	MALE FLAT FACE	FEMALE FLAT FACE
MFFOR-FFORX-MFFOR-4	9/16-18	9/16-18
MFFOR-FFORX-MFFOR-6	11/16-16	11/16-16
MFFOR-FFORX-MFFOR-8	13/16-16	13/16-16
MFFOR-FFORX-MFFOR-10	1-14	1-14
MFFOR-FFORX-MFFOR-12	1 3/16-12	1 3/16-12
MFFOR-FFORX-MFFOR-16	1 7/16-12	1 7/16-12

MALE- MALE- FEMALE SWIVEL- FLAT FACE TEE



PART #	MALE FLAT FACE	FEMALE FLAT FACE
MFFOR-MFFOR-FFORX-4	9/16-18	9/16-18
MFFOR-MFFOR-FFORX-6	11/16-16	11/16-16
MFFOR-MFFOR-FFORX-8	13/16-16	13/16-16
MFFOR-MFFOR-FFORX-12	1 3/16-16	1 3/16-16



PLUGS, CAPS, NUTS & SLEEVES

FLAT FACE PLUG



PART #	MALE FLAT FACE THREAD
4MFFOR-PLUG	9/16-18
6MFFOR-PLUG	11/16-16
8MFFOR-PLUG	13/16-16
10MFFOR-PLUG	1-14
12MFFOR-PLUG	1 3/16-12
16MFFOR-PLUG	1 7/16-12
20MFFOR-PLUG	1 11/16-12
24MFFOR-PLUG	2-12

FLAT FACE CAP



PART #	MALE FLAT FACE THREAD
4FFOR-CAP	9/16-18
6FFOR-CAP	11/16-16
8FFOR-CAP	13/16-16
10FFOR-CAP	1-14
12FFOR-CAP	1 3/16-12
16FFOR-CAP	1 7/16-12
20FFOR-CAP	1 11/16-12
24FFOR-CAP	2-12

RECESSED PIPE PLUG



PART #	PIPE THREAD	ALLEN WRENCH
REG-1	1/16	1/8"
REG-2	1/8-27	1/8"
REG-4	1/4-18	3/16"
REG-6	3/8-18	1/4"
REG-8	1/2-14	5/16"
REG-12	3/4-14	9/16"
REG-16	1-11 1/2	5/8"
REG-20	1 1/4-11 1/2	3/4"
REG-24	1 1/2-11 1/2	1"
REG-32	2-11 1/2	1"

PIPE PLUG



PART #	PIPE THREAD
PG-2	1/8-27
PG-4	1/4-18
PG-6	3/8-18
PG-8	1/2-14
PG-12	3/4-14
PG-16	1-11 1/2
PG-20	1 1/4-11 1/2
PG-24	1 1/2-11 1/2
PG-32	2-11 1/2

PIPE CAP



PART #	PIPE THREAD
PC-4	1/4-18
PC-6	3/8-18
PC-8	1/2-14
PC-12	3/4-14
PC-16	1-11 1/2



JIC PLUG



PART #	MALE JIC THREAD
JG-2	5/16-24
JG-3	3/8-24
JG-4	7/16-20
JG-5	1/2-20
JG-6	9/16-18
JG-8	3/4-16
JG-10	7/8-14
JG-12	1 1/16-12
JG-14	1 3/16-12
JG-16	1 5/16-12
JG-20	1 5/8-12
JG-24	1 7/8-12
JG-32	2 1/2-12

BOSS O-RING PLUG



PART #	MALE BOSS THREAD
BG-2	5/16-24
BG-3	3/8-24
BG-4	7/16-20
BG-5	1/2-20
BG-6	9/16-18
BG-8	3/4-16
BG-10	7/8-14
BG-12	1 1/16-12
BG-14	1 3/16-12
BG-16	1 5/16-12
BG-20	1 5/8-12
BG-24	1 7/8-12
BG-32	2 1/2-12

JIC TUBE NUT



PART #	Tube Size	Thread
TUN-2	1/8	5/16-24
TUN-3	3/16	3/8-24
TUN-4	1/4	7/16-20
TUN-5	5/16	1/2-20
TUN-6	3/8	9/16-18
TUN-8	1/2	3/4-16
TUN-10	5/8	7/8-14
TUN-12	3/4	1 1/16-12
TUN-14	7/8	1 3/16-12
TUN-16	1	1 5/16-12
TUN-20	1 1/4	1 5/8-12
TUN-24	1 1/2	1 7/8-12
TUN-32	2	2 1/2-12

JIC CAP



PART #	FEMALE JIC THREAD
JC-2	5/16-24
JC-3	3/8-24
JC-4	7/16-20
JC-5	1/2-20
JC-6	9/16-18
JC-8	3/4-16
JC-10	7/8-14
JC-12	1 1/16-12
JC-14	1 3/16-12
JC-16	1 5/16-12
JC-20	1 5/8-12
JC-24	1 7/8-12
JC-32	2 1/2-12

RECESSED BOSS O-RING PLUG



PART #	MALE BOSS THREAD	ALLEN WRENCH
RBG-2	5/16-24	1/8"
RBG-3	3/8-24	1/8"
RBG-4	7/16-20	3/16"
RBG-5	1/2-20	3/16"
RBG-6	9/16-18	1/4"
RBG-8	3/4-16	5/16"
RBG-10	7/8-14	3/8"
RBG-12	1 1/16-12	9/16"
RBG-14	1 3/16-12	9/16"
RBG-16	1 5/16-12	5/8"
RBG-20	1 5/8-12	3/4"
RBG-24	1 7/8-12	1"
RBG-32	2 1/2-12	1"

JIC TUBE SLEEVE



PART #	Tube Size
TUS-2	1/8
TUS-3	3/16
TUS-4	1/4
TUS-5	5/16
TUS-6	3/8
TUS-8	1/2
TUS-10	5/8
TUS-12	3/4
TUS-14	7/8
TUS-16	1
TUS-20	1 1/4
TUS-24	1 1/2
TUS-32	2



INTERNATIONAL FITTINGS

MALE BRITISH STD PIPE PARALLEL-MALE PIPE ADAPTER



PART #	MBSPP Thread	Pipe Thread
MBSPP-MP-4-4	1/4-19	1/4-18
MBSPP-MP-6-6	3/8-19	3/8-18
MBSPP-MP-8-8	1/2-14	1/2-14
MBSPP-MP-12-12	3/4-14	3/4-14
MBSPP-MP-16-16	1-11	1-11 1/2

MALE BRITISH STD PIPE PARALLEL-MALE JIC ADAPTER



PART #	MBSPP Thread	JIC Thread
MBSPP-MJ-2-4	1/8-28	7/16-20
MBSPP-MJ-4-4	1/4-19	7/16-20
MBSPP-MJ-4-6	1/4-19	9/16-18
MBSPP-MJ-6-6	3/8-19	9/16-18
MBSPP-MJ-6-8	3/8-19	3/4-16
MBSPP-MJ-8-8	1/2-14	3/4-16
MBSPP-MJ-10-10	5/8-14	7/8-14
MBSPP-MJ-12-8	3/4-14	3/4-16
MBSPP-MJ-12-12	3/4-14	1 1/16-12
MBSPP-MJ-12-14	3/4-14	1 3/16-12
MBSPP-MJ-12-16	3/4-14	1 5/16-12
MBSPP-MJ-16-16	1-11	1 5/16-12
MBSPP-MJ-24-24	1 1/2-11	1 7/8-12

90° MALE BRITISH STD PIPE PARALLEL- MALE JIC ELBOW



PART #	MBSPP Thread	JIC Thread
MBSPP-MJ90-4-6	1/4-19	9/16-18
MBSPP-MJ90-6-6	3/8-19	9/16-18
MBSPP-MJ90-6-8	3/8-19	3/4-16
MBSPP-MJ90-8-8	1/2-14	3/4-16
MBSPP-MJ90-12-12	3/4-14	1 1/16-12
MBSPP-MJ90-16-16	1-11	1 5/16-12
MBSPP-MJ90-20-20	1 1/4-11	1 5/8-12

MALE BRITISH STD PIPE PARALLEL O-RING -MALE JIC



PART #	MBSPP Thread	JIC Thread
MBSPPOR-MJ-2-4	1/8-28	7/16-20
MBSPPOR-MJ-4-4	1/4-19	7/16-20
MBSPPOR-MJ-4-6	1/4-19	9/16-18
MBSPPOR-MJ-6-4	3/8-19	7/16-20
MBSPPOR-MJ-6-6	3/8-19	9/16-18
MBSPPOR-MJ-6-8	3/8-19	3/4-16
MBSPPOR-MJ-8-6	1/2-14	9/16-18
MBSPPOR-MJ-8-8	1/2-14	3/4-16
MBSPPOR-MJ-8-12	1/2-14	1 1/16-12
MBSPPOR-MJ-12-12	3/4-14	1 1/16-12
MBSPPOR-MJ-16-16	1-11	1 5/16-12
MBSPPOR-MJ-20-20	1 1/4-11	1 5/8-12

MALE BRITISH STD PIPE PARALLEL- FEMALE JIC SWIVEL



PART #	MBSPP Thread	JIC Swivel
MBSPP-FJX-4-4	1/4-19	7/16-20
MBSPP-FJX-6-6	3/8-19	9/16-18
MBSPP-FJX-8-8	1/2-14	3/4-16
MBSPP-FJX-10-10	5/8-14	7/8-14
MBSPP-FJX-12-12	3/4-14	1 1/16-12
MBSPP-FJX-16-16	1-11	1 5/16-12

MALE- FEMALE SWIVEL BRITISH STD PIPE PARALLEL



PART #	MBSPP Thread	FBSPPX Swivel
MBSPP-FBSPPX-4-4	1/4-19	1/4-19
MBSPP-FBSPPX-6-6	3/8-19	3/8-19
MBSPP-FBSPPX-8-8	1/2-14	1/2-14
MBSPP-FBSPPX-10-10	5/8-14	5/8-14
MBSPP-FBSPPX-12-12	3/4-14	3/4-14
MBSPP-FBSPPX-16-16	1-11	1-11



**FEMALE BRITISH STD
PIPE PARALLEL
SWIVEL- MALE JIC**



PART #	FBSPPX Thread	JIC Thread
FBSPPX-MJ-4-4	1/4-19	7/16-20
FBSPPX-MJ-6-6	3/8-19	9/16-18
FBSPPX-MJ-8-8	1/2-14	3/4-16
FBSPPX-MJ-10-10	5/8-14	7/8-14
FBSPPX-MJ-12-12	3/4-14	1 1/16-12
FBSPPX-MJ-16-16	1-11	1 5/16-12

**FEMALE BRITISH STD
PIPE PARALLEL SWIVEL
-FEMALE JIC SWIVEL**



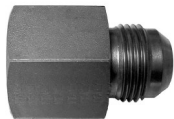
PART #	FBSPPX Thread	JIC Swivel
FBSPPX-FJX-4-4	1/4-19	7/16-20
FBSPPX-FJX-6-6	3/8-19	9/16-18
FBSPPX-FJX-8-8	1/2-14	3/4-16
FBSPPX-FJX-10-10	5/8-14	7/8-14
FBSPPX-FJX-12-12	3/4-14	1 1/16-12
FBSPPX-FJX-16-16	1-11	1 5/16-12

**MALE STD BRITISH PIPE
TAPERED- MALE JIC**



PART #	MBSPT Thread	JIC Thread
MBSPT-MJ-2-4	1/8-18	7/16-20
MBSPT-MJ-4-4	1/4-19	7/16-20
MBSPT-MJ-6-6	3/8-19	9/16-18
MBSPT-MJ-8-8	1/2-14	3/4-16
MBSPT-MJ-8-10	1/2-14	7/8-14
MBSPT-MJ-12-12	3/4-14	1 1/16-12
MBSPT-MJ-16-16	1-11	1 5/16-12

**FEMALE BRITISH STD
PIPE PARALLEL -
MALE JIC**



PART #	FBSPPX Thread	JIC Thread
FBSPM-MJ-2-4	1/8-28	7/16-20
FBSPM-MJ-4-4	1/4-19	7/16-20
FBSPM-MJ-4-6	1/4-19	9/16-18
FBSPM-MJ-6-6	3/8-19	9/16-18
FBSPM-MJ-8-8	1/2-14	3/4-16
FBSPM-MJ-12-12	3/4-14	1 1/16-12
FBSPM-MJ-16-16	1-11	1 5/16-12
FBSPM-MJ-20-20	1 1/4-11	1 5/8-12

BRITISH BONDED SEAL



PART #	I. D.	O. D.
9900-02	.408	.625
9900-04	.540	.809
9900-06	.682	.937
9900-08	.850	1.125
9900-10	.925	1.250
9900-12	1.062	1.375
9900-16	1.338	1.687
9900-20	1.699	2.063
9900-24	1.910	2.310
9900-32	2.389	2.875

MBSPP PLUG



PART #	FEMALE JIC THREAD
MBSPP-PLUG-4	1/4-19
MBSPP-PLUG-6	3/8-19
MBSPP-PLUG-8	1/2-14
MBSPP-PLUG-12	3/4-14
MBSPP-PLUG-16	1-11

MBSPP-CAP



PART #	FEMALE JIC THREAD
MBSPP-CAP-4	1/4-19
MBSPP-CAP-6	3/8-19
MBSPP-CAP-8	1/2-14
MBSPP-CAP-12	3/4-14
MBSPP-CAP-16	1-11



MALE METRIC— MALE JIC ADAPTER



PART #	MALE METRIC THREAD	MALE JIC THREAD
MM-MJ-10-4	10 x 1.0	7/16-20
MM-MJ-12-4	12 x 1.5	7/16-20
MM-MJ-14-6	14 x 1.5	9/16-18
MM-MJ-16-6	16 x 1.5	9/16-18
MM-MJ-16-8	16 x 1.5	3/4-16
MM-MJ-18-8	18 x 1.5	3/4-16
MM-MJ-18-10	18 x 1.5	7/8-14
MM-MJ-20-10	20 x 1.5	7/8-14
MM-MJ-22-10	22 x 1.5	7/8-14
MM-MJ-22-12	22 x 1.5	1 1/16-12
MM-MJ-27-12	27 x 2.0	1 1/16-12
MM-MJ-33-16	33 x 2.0	1 5/16-12

MALE D.I.N. (LIGHT SERIES)-MALE JIC ADAPTER



PART #	MALE DIN LIGHT	Tube O.D. (mm)	MALE JIC THREAD
MDL-MJ-8-4	14 x 1.5	8	7/16-20
MDL-MJ-10-6	16 x 1.5	10	9/16-18
MDL-MJ-12-6	18 x 1.5	12	9/16-18
MDL-MJ-15-8	22 x 1.5	15	3/4-16
MDL-MJ-18-10	26 x 1.5	18	7/8-14
MDL-MJ-22-12	30 x 2.0	22	1 1/16-12
MDL-MJ-28-16	36 x 2.0	28	1 5/16-12

MALE D.I.N. (HEAVY SERIES)-MALE JIC ADAPTER



PART #	MALE DIN HEAVY	Tube O.D. (mm)	MALE JIC THREAD
MDH-MJ-10-4	18 x 1.5	10	7/16-20
MDH-MJ-14-6	22 x 1.5	14	9/16-18
MDH-MJ-16-8	24 x 1.5	16	3/4-16
MDH-MJ-20-10	30 x 2.0	20	7/8-14
MDH-MJ-25-12	36 x 2.0	25	1 1/16-12
MDH-MJ-30-16	42 x 2.0	30	1 5/16-12

DIN Light and DIN Heavy series adapters are distinguished from each other by the tube O.D.

The O.D. tube of the heavy series is smaller than the light series.

FEMALE D.I.N. SWIVEL (LIGHT SERIES)-MALE JIC



PART #	FEMALE DIN LIGHT	Tube O.D. (mm)	MALE JIC
FDLX-MJ-8-4	14 x 1.5	8	7/16-20
FDLX-MJ-10-6	16 x 1.5	10	9/16-18
FDLX-MJ-12-6	18 x 1.5	12	9/16-18
FDLX-MJ-22-12	30 x 2.0	22	1 1/16-12
FDLX-MJ-28-16	36 x 2.0	28	1 5/16-12

FEMALE D.I.N. SWIVEL (HEAVY SERIES)-MALE JIC ADAPTER



PART #	MALE DIN HEAVY	Tube O.D. (mm)	MALE JIC
FDHX-MJ-10-4	18 x 1.5	10	7/16-20
FDHX-MJ-12-5	20 x 1.5	12	1/2-20
FDHX-MJ-14-6	22 x 1.5	14	9/16-18
FDHX-MJ-16-8	24 x 1.5	16	3/4-16
FDHX-MJ-20-10	30 x 2.0	20	7/8-14

METRIC BONDED SEAL (FOR METRIC BONDED THREADS)



PART #	I. D. M. M.	O. D. M. M.
8800-06	6	10
8800-10	10	18
8800-12	12	20
8800-14	14	22
8800-16	16	24
8800-18	18	26
8800-22	22	30
8800-26	26	35
8800-27	27	36
8800-30	30	39
8800-33	33	43

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PRICES - Orders are accepted with the understanding the price sheet items will be billed at the price in effect at the time of release for shipment, unless otherwise specified in the quotation. Prices are subject to change without notice.

CLERICAL ERRORS – All clerical errors are subject to correction.

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