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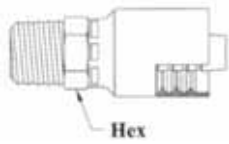
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### NPTF - Male

Part #	Hose ID	Pipe Size	Thread Size	Hex Size
GC01-4x2	1/4"	1/8"	1/8"-27	9/16"
GC01-4x4	1/4"	1/4"	1/4"-18	9/16"
GC01-4x6	1/4"	3/8"	3/8"-18	11/16"
GC01-4x8	1/4"	1/2"	1/2"-14	7/8"
GC01-6x4	3/8"	1/4"	1/4"-18	3/4"
GC01-6x6	3/8"	3/8"	3/8"-18	3/4"
GC01-6x8	3/8"	1/2"	1/2"-14	7/8"
GC01-8x4	1/2"	1/4"	1/4"-18	7/8"
GC01-8x6	1/2"	3/8"	3/8"-18	7/8"
GC01-8x8	1/2"	1/2"	1/2"-14	7/8"
GC01-8x12	1/2"	3/4"	3/4"-14	1-1/8"
GC01-10x8	5/8"	1/2"	1/2"-14	15/16"
GC01-10x12	5/8"	3/4"	3/4"-14	1-1/8"
GC01-12x8	3/4"	1/2"	1/2"-14	1-1/8"
GC01-12x12	3/4"	3/4"	3/4"-14	1-1/8"
GC01-12x16	3/4"	1"	1"-11-1/2	1-3/8"
GC01-16x12	1"	3/4"	3/4"-14	1-3/8"
GC01-16x16	1"	1"	1"-11-1/2	1-3/8"
GC01-20x20	1-1/4"	1-1/4"	1-1/4"-11-1/2	1-11/16"
GC01-24x24	1-1/2"	1-1/2"	1-1/2"-11-1/2	2"
GC01-32x32	2"	2"	2"-11-1/2	2-1/2"



### NPTF - Male Swivel

Part #	Hose ID	Pipe Size	Thread Size	Hex Size
GC04-4x2	1/4"	1/8"	1/8"-27	5/8"
GC04-4x4	1/4"	1/4"	1/4"-18	5/8"
GC04-4x6	1/4"	3/8"	3/8"-18	3/4"
GC04-6x4	3/8"	1/4"	1/4"-18	3/4"
GC04-6x6	3/8"	3/8"	3/8"-18	3/4"
GC04-6x8	3/8"	1/2"	1/2"-14	7/8"
GC04-8x6	1/2"	3/8"	3/8"-18	3/4"
GC04-8x8	1/2"	1/2"	1/2"-14	7/8"
GC04-12x12	3/4"	3/4"	3/4"-14	1-1/4"
GC04-16x16	1"	1"	1"-11-1/2	1-3/8"

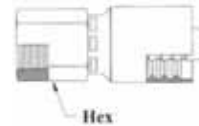
Swivel for installation purposes only. Leakage may occur at low pressure.



### NPTF - Male Swivel 90°

Part #	Hose ID	Pipe Size	Thread Size	Hex Size
GC14-4x4	1/4"	1/4"	1/4"-18	5/8"
GC14-6x6	3/8"	3/8"	3/8"-18	3/4"
GC14-6x8	3/8"	1/2"	1/2"-14	7/8"
GC14-8x8	1/2"	1/2"	1/2"-14	7/8"
GC14-12x12	3/4"	3/4"	3/4"-14	1-1/4"
GC14-16x16	1"	1"	1"-11-1/2	1-3/8"

Swivel for installation purposes only. Leakage may occur at low pressure.



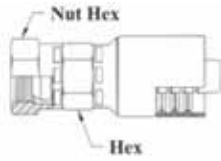
### NPTF - Female Solid

Part #	Hose ID	Pipe Size	Thread Size	Hex Size
GC02-4x2	1/4"	1/8"	1/8"-27	5/8"
GC02-4x4	1/4"	1/4"	1/4"-18	3/4"
GC02-6x4	3/8"	1/4"	1/4"-18	3/4"
GC02-6x6	3/8"	3/8"	3/8"-18	7/8"
GC02-6x8	3/8"	1/2"	1/2"-14	1"
GC02-8x8	1/2"	1/2"	1/2"-14	1"
GC02-12x12	3/4"	3/4"	3/4"-14	1-1/4"



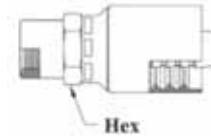
### NPTF - Female Swivel

Part #	Hose ID	Pipe Size	Thread Size	Hex Size	Nut Hex
GC16-4x4	1/4"	1/4"	1/4"-18	5/8"	3/4"
GC16-6x6	3/8"	3/8"	3/8"-18	11/16"	7/8"
GC16-8x8	1/2"	1/2"	1/2"-14	7/8"	1"
GC16-12x12	3/4"	3/4"	3/4"-14	1-1/8"	1-1/4"



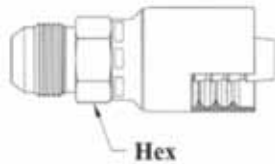
### NPSM - Female Swivel

Part #	Hose ID	Pipe Size	Thread Size	Hex Size	Nut Hex
GC05-4x4	1/4"	1/4"	1/4-18	9/16"	11/16"
GC05-6x6	3/8"	3/8"	3/8-18	11/16"	7/8"
GC05-6x8	3/8"	1/2"	1/2-14	3/4"	1"
GC05-8x8	1/2"	1/2"	1/2-14	7/8"	1"
GC05-12x12	3/4"	3/4"	3/4-14	1-1/8"	1-1/4"
GC05-16x16	1"	1"	1"-11-1/2	1-3/8"	1-1/2"
GC05-20x20	1-1/4"	1-1/4"	1-1/4"-11-1/2	1-11/16"	1-7/8"



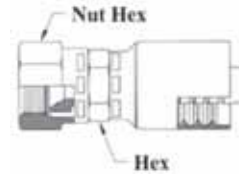
### Grease Tap - Female

Part #	Hose ID	Thread Size	Hex Size
GC03-4x8	1/4"	1/2"-27	3/4"
GC03-6x8	3/8"	1/2"-27	3/4"



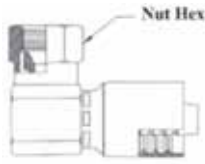
### JIC 37° - Male Solid

Part #	Hose ID	Thread Size	Tube OD	Hex Size
GC08-4x4	1/4"	7/16"-20	1/4"	9/16"
GC08-4x5	1/4"	1/2"-20	5/16"	9/16"
GC08-4x6	1/4"	9/16"-18	3/8"	5/8"
GC08-6x6	3/8"	9/16"-18	3/8"	11/16"
GC08-6x8	3/8"	3/4"-16	1/2"	3/4"
GC08-6x10	3/8"	7/8"-14	5/8"	7/8"
GC08-8x8	1/2"	3/4"-16	1/2"	7/8"
GC08-8x10	1/2"	7/8"-14	5/8"	7/8"
GC08-8x12	1/2"	1-1/16"-12	3/4"	1-1/8"
GC08-10x8	5/8"	3/4"-16	1/2"	15/16"
GC08-10x10	5/8"	7/8"-14	5/8"	15/16"
GC08-10x12	5/8"	1-1/16"-12	3/4"	1-1/8"
GC08-12x10	3/4"	7/8"-14	5/8"	1-1/8"
GC08-12x12	3/4"	1-1/16"-12	3/4"	1-1/8"
GC08-12x14	3/4"	1-3/16"-12	7/8"	1-3/8"
GC08-12x16	3/4"	1-5/16"-12	1"	1-3/8"
GC08-16x14	1"	1-3/16"-12	7/8"	1-3/8"
GC08-16x16	1"	1-5/8"-12	1"	1-3/8"
GC08-20x20	1-1/4"	1-5/8"-12	1-1/4"	1-11/16"
GC08-24x24	1-1/2"	1-7/8"-12	1-1/2"	2"



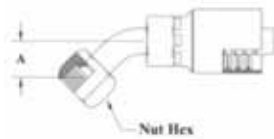
### JIC 37° - Female Swivel

Part #	Hose ID	Thread Size	Tube OD	Hex Size	Nut Hex
GC09-4x4	1/4"	7/16"-20	1/4"	9/16"	9/16"
GC09-4x5	1/4"	1/2"-20	5/16"	9/16"	5/8"
GC09-4x6	1/4"	9/16"-18	3/8"	9/16"	11/16"
GC09-6x4	3/8"	7/16"-20	1/4"	11/16"	9/16"
GC09-6x6	3/8"	9/16"-18	3/8"	11/16"	11/16"
GC09-6x8	3/8"	3/4"-16	1/2"	11/16"	7/8"
GC09-6x10	3/8"	7/8"-14	5/8"	7/8"	1"
GC09-6x12	3/8"	1-1/16"-12	3/4"	1"	1-1/4"
GC09-8x6	1/2"	9/16"-18	3/8"	7/8"	11/16"
GC09-8x8	1/2"	3/4"-16	1/2"	7/8"	7/8"
GC09-8x10	1/2"	7/8"-14	5/8"	7/8"	1"
GC09-8x12	1/2"	1-1/16"-12	3/4"	1-1/8"	1-1/4"
GC09-8x16	1/2"	1-5/16"-12	1"	1-1/4"	1-1/2"
GC09-10x8	5/8"	3/4"-16	1/2"	15/16"	7/8"
GC09-10x10	5/8"	7/8"-14	5/8"	15/16"	1"
GC09-10x12	5/8"	1-1/16"-12	3/4"	1-1/8"	1-1/4"
GC09-12x10	3/4"	7/8"-14	5/8"	1-1/8"	1"
GC09-12x12	3/4"	1-1/16"-12	3/4"	1-1/8"	1-1/4"
GC09-12x14	3/4"	1-3/16"-12	7/8"	1-3/8"	1-1/2"
GC09-12x16	3/4"	1-5/16"-12	1"	1-3/8"	1-1/2"
GC09-16x12	1"	1-1/16"-12	3/4"	1-3/8"	1-1/4"
GC09-16x16	1"	1-5/16"-12	1"	1-3/8"	1-1/2"
GC09-16x20	1"	1-5/8"-12	1-1/4"	1-11/16"	2"
GC09-20x20	1-1/4"	1-5/8"-12	1-1/4"	1-11/16"	2"
GC09-24x24	1-1/2"	1-7/8"-12	1-1/2"	2"	2-1/4"
GC09-32x32	2"	2-1/2"-12	2"	2-1/2"	2-7/8"



### JIC 37° - 90° Female Swivel

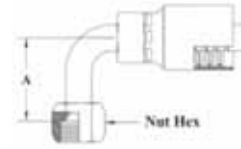
Part #	Hose ID	Thread Size	Tube OD	Hex Nut
GC17-6x6	3/8"	9/16"-18	3/8"	11/16"
GC17-6x8	3/8"	3/4"-16	1/2"	7/8"
GC17-8x8	1/2"	3/4"-16	1/2"	7/8"
GC17-8x10	1/2"	7/8"-14	5/8"	1"



### JIC/SAE Dual Seat - 45° Female Swivel

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC25-4x4	1/4"	7/16"-20	1/4"	0.47	9/16"
GC25-4x5	1/4"	1/2"-20	5/16"	0.53	5/8"
GC25-4x6*	1/4"	9/16"-18	3/8"	0.59	11/16"
GC25-6x4	3/8"	7/16"-20	1/4"	0.47	9/16"
GC25-6x5	3/8"	1/2"-20	5/16"	0.53	5/8"
GC25-6x6*	3/8"	9/16"-18	3/8"	0.59	11/16"
GC25-6x8	3/8"	3/4"-16	1/2"	0.71	7/8"
GC25-8x8	1/2"	3/4"-16	1/2"	0.71	7/8"
GC25-8x10	1/2"	7/8"-14	5/8"	0.84	1"
GC25-10x10	5/8"	7/8"-14	5/8"	0.68	1"
GC25-10x12*	5/8"	1-1/16"-12	3/4"	0.78	1-1/4"
GC25-12x12*	3/4"	1-1/16"-12	3/4"	1.12	1-1/4"
GC25-12x16*	3/4"	1-5/16"-12	1"	1.15	1-1/2"
GC25-16x16*	1"	1-5/16"-12	1"	1.15	1-1/2"
GC25-20x20	1-1/4"	1-5/8"-12	1-1/4"	1.69	2"

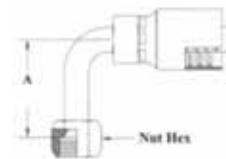
\*JIC Seat and thread only



### JIC/SAE Dual Seat - 90° Female Swivel

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC26-4x4	1/4"	7/16"-20	1/4"	0.81	9/16"
GC26-4x5	1/4"	1/2"-20	5/16"	0.83	5/8"
GC26-4x6*	1/4"	9/16"-18	3/8"	0.91	11/16"
GC26-6x4	3/8"	7/16"-20	1/4"	0.81	9/16"
GC26-6x5	3/8"	1/2"-20	5/16"	0.83	5/8"
GC26-6x6*	3/8"	9/16"-18	3/8"	0.91	11/16"
GC26-6x8	3/8"	3/4"-16	1/2"	1.15	7/8"
GC26-8x8	1/2"	3/4"-16	1/2"	1.15	7/8"
GC26-8x10	1/2"	7/8"-14	5/8"	1.23	1"
GC26-10x10	5/8"	7/8"-14	5/8"	1.23	1"
GC26-10x12*	5/8"	1-1/16"-12	3/4"	1.88	1-1/4"
GC26-12x10	3/4"	7/8"-14	5/8"	1.23	1"
GC26-12x12*	3/4"	1-1/16"-12	3/4"	1.88	1-1/4"
GC26-12x16*	3/4"	1-5/16"-12	1"	2.20	1-1/2"
GC26-16x16*	1"	1-5/16"-12	1"	2.20	1-1/2"
GC26-20x20	1-1/4"	1-5/8"-12	1-1/4"	3.31	2"

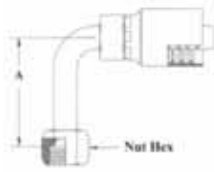
\*JIC Seat and thread only



### JIC/SAE Dual Seat - 90° Female Swivel Medium Drop

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC24-4x4	1/4"	7/16"-20	1/4"	1.26	9/16"
GC24-6x6*	3/8"	9/16"-18	3/8"	1.50	11/16"
GC24-8x8	1/2"	3/4"-16	1/2"	1.63	7/8"
GC24-12x12*	3/4"	1-1/16"-12	3/4"	2.28	1-1/4"
GC24-16x16*	1"	1-5/16"-12	1"	2.79	1-1/2"

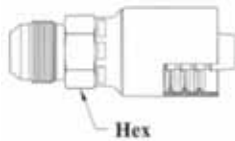
\*JIC Seat and thread only



### JIC/SAE Dual Seat - 90° Female Swivel Long Drop

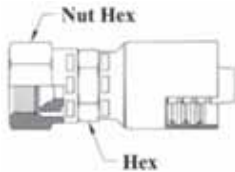
Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC27-4x4	1/4"	7/16"-20	1/4"	1.80	9/16"
GC27-4x5	1/4"	1/2"-20	5/16"	1.80	5/8"
GC27-4x6*	1/4"	9/16"-18	3/8"	2.18	11/16"
GC27-6x4	3/8"	7/16"-20	1/4"	1.80	9/16"
GC27-6x6*	3/8"	9/16"-18	3/8"	2.18	11/16"
GC27-6x8	3/8"	3/4"-16	1/2"	2.50	7/8"
GC27-8x8	1/2"	3/4"-16	1/2"	2.50	7/8"
GC27-8x10	1/2"	7/8"-14	5/8"	2.75	1"
GC27-10x10	5/8"	7/8"-14	5/8"	2.75	1"
GC27-12x12*	3/4"	1-1/16"-12	3/4"	3.73	1-1/4"
GC27-16x16*	1"	1-5/16"-12	1"	4.50	1-1/2"

\*JIC Seat and thread only



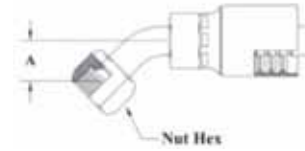
### SAE 45° - Male Solid

Part #	Hose ID	Thread Size	Tube OD	Hex Nut
GC06-6x6	3/8"	5/8"-18	3/8"	3/4"
GC06-12x12	3/4"	1-1/16"-14	3/4"	1-1/8"



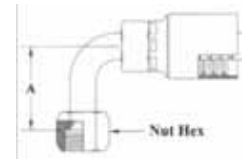
### SAE 45° - Female Swivel

Part #	Hose ID	Thread Size	Tube OD	Hex Size	Nut Size
GC07-4x6	1/4"	5/8"-18	3/8"	11/16"	3/4"
GC07-6x6	3/8"	5/8"-18	3/8"	3/4"	13/16"
GC07-12x12	3/4"	1-1/16"-14	3/4"	1-1/8"	1-1/4"



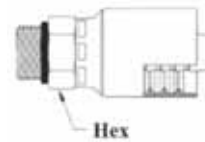
### SAE 45° Seat - 45° Female Swivel

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC22-6x6	3/8"	5/8"-18	3/8"	0.59	3/4"



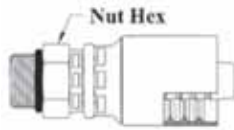
### SAE 45° Seat - 90° Female Swivel

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC23-6x6	3/8"	5/8"-18	3/8"	0.91	3/4"
GC23-6x6L	3/8"	5/8"-18	3/8"	2.18	3/4"



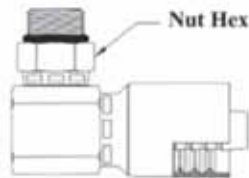
### ORB - Male Solid

Part #	Hose ID	Thread Size	Tube OD	Hex Nut
GC11-4x4	1/4"	7/16"-20	1/4"	9/16"
GC11-4x5	1/4"	1/2"-20	5/16"	5/8"
GC11-4x6	1/4"	9/16"-18	3/8"	11/16"
GC11-6x6	3/8"	9/16"-18	3/8"	11/16"
GC11-6x8	3/8"	3/4"-16	1/2"	7/8"
GC11-6x10	3/8"	7/8"-14	5/8"	1"
GC11-8x8	1/2"	3/4"-16	1/2"	7/8"
GC11-8x10	1/2"	7/8"-14	5/8"	1"
GC11-8x12	1/2"	1-1/16"-12	3/4"	1-1/4"
GC11-10x8	5/8"	3/4"-16	1/2"	15/16"
GC11-10x10	5/8"	7/8"-14	5/8"	1"
GC11-10x12	5/8"	1-1/16"-12	3/4"	1-1/4"
GC11-12x10	3/4"	7/8"-14	5/8"	1-1/8"
GC11-12x12	3/4"	1-1/16"-12	3/4"	1-1/4"
GC11-16x16	1"	1-5/16"-12	1"	1-1/2"



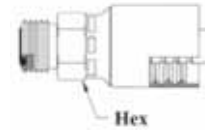
### ORB - Male Swivel

Part #	Hose ID	Thread Size	Tube OD	Hex Nut
GC12-4x4	1/4"	7/16"-20	1/4"	5/8"
GC12-6x6	3/8"	9/16"-18	3/8"	7/8"
GC12-6x8	3/8"	3/4"-16	1/2"	7/8"
GC12-8x8	1/2"	3/4"-16	1/2"	7/8"
GC12-8x10	1/2"	7/8"-14	5/8"	1"
GC12-12x12	3/4"	1-1/16"-12	3/4"	1-1/4"
GC12-16x16	1"	1-5/16"-12	1"	1-1/2"



### ORB - Male Swivel 90°

Part #	Hose ID	Thread Size	Tube OD	Hex Nut
GC15-6x6	3/8"	9/16"-18	3/8"	3/4"
GC15-6x8	3/8"	3/4"-16	1/2"	7/8"
GC15-6x10	3/8"	7/8"-14	5/8"	1"
GC15-8x8	1/2"	3/4"-16	1/2"	7/8"
GC15-8x10	1/2"	7/8"-14	5/8"	1"
GC15-12x12	3/4"	1-1/16"-12	3/4"	1-1/4"
GC15-16x16	1"	1-5/16"-12	1"	1-1/2"



### O-Ring Face Seal (ORF) - Male Solid

Part #	Hose ID	Thread Size	Tube OD	Hex Nut
GC29-4x4	1/4"	9/16"-18	1/4"	5/8"
GC29-6x6	3/8"	11/16"-16	3/8"	3/4"
GC29-6x8	3/8"	13/16"-16	1/2"	7/8"
GC29-8x8	1/2"	13/16"-16	1/2"	7/8"
GC29-8x10	1/2"	1"-14	5/8"	1-1/16"
GC29-8x12	1/2"	1-3/16"-12	3/4"	1-1/4"
GC29-10x10	5/8"	1"-14	5/8"	1-1/16"
GC29-10x12	5/8"	1-3/16"-12	3/4"	1-1/4"
GC29-12x12	3/4"	1-3/16"-12	3/4"	1-1/4"
GC29-16x16	1"	1-7/16"-12	1"	1-1/2"

Couplings are capped with O-ring included.



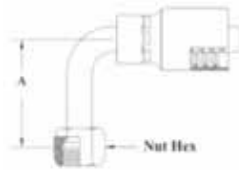
### O-Ring Face Seal (ORF) - Female Swivel Short Rise

Part #	Hose ID	Thread Size	Tube OD	Hex Size	Nut Size
GC75-4x4	1/4"	9/16"-18	1/4"	9/16"	11/16"
GC75-4x6	1/4"	11/16"-16	3/8"	5/8"	13/16"
GC75-6x6	3/8"	11/16"-16	3/8"	11/16"	13/16"
GC75-6x8	3/8"	13/16"-16	1/2"	3/4"	15/16"
GC75-8x8	1/2"	13/16"-16	1/2"	13/16"	15/16"
GC75-8x10	1/2"	1"-14	5/8"	15/16"	1-1/8"
GC75-10x10	5/8"	1"-14	5/8"	15/16"	1-1/8"
GC75-10x12	5/8"	1-3/16"-12	3/4"	1-1/8"	1-3/8"
GC75-12x12	3/4"	1-3/16"-12	3/4"	1-1/8"	1-3/8"
GC75-12x16	3/4"	1-7/16"-12	1"	1-3/8"	1-5/8"
GC75-16x16	1"	1-7/16"-12	1"	1-3/8"	1-5/8"
GC75-20x20	1-1/4"	1-11/16"-12	1-1/4"	1-11/16"	1-7/8"



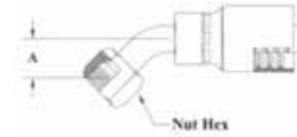
### O-Ring Face Seal (ORF) - Female Swivel

Part #	Hose ID	Thread Size	Tube OD	Hex Size
GC30-4x4	1/4"	9/16"-18	1/4"	11/16"
GC30-4x6	1/4"	11/16"-16	3/8"	13/16"
GC30-4x8	1/4"	13/16"-16	1/2"	15/16"
GC30-6x4	3/8"	9/16"-18	1/4"	11/16"
GC30-6x6	3/8"	11/16"-16	3/8"	13/16"
GC30-6x8	3/8"	13/16"-16	1/2"	15/16"
GC30-8x6	1/2"	11/16"-16	3/8"	13/16"
GC30-8x8	1/2"	13/16"-16	1/2"	15/16"
GC30-8x10	1/2"	1"-14	5/8"	1-1/8"
GC30-8x12	1/2"	1-3/16"-12	3/4"	1-3/8"
GC30-10x10	5/8"	1"-14	5/8"	1-1/8"
GC30-10x12	5/8"	1-3/16"-12	3/4"	1-3/8"
GC30-12x10	3/4"	1"-14	5/8"	1-1/8"
GC30-12x12	3/4"	1-3/16"-12	3/4"	1-3/8"
GC30-12x16	3/4"	1-7/16"-12	1"	1-5/8"
GC30-16x16	1"	1-7/16"-12	1"	1-5/8"
GC30-20x20	1-1/4"	1-11/16"-12	1-1/4"	1-7/8"



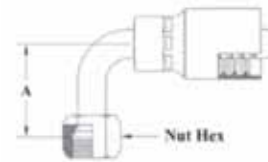
### O-Ring Face Seal (ORF) - 90° Female Swivel Medium Drop

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC34-4x4	1/4"	9/16"-18	1/4"	1.26	11/16"
GC34-6x6	3/8"	11/16"-16	3/8"	1.51	13/16"
GC34-6x8	3/8"	13/16"-16	1/2"	1.62	15/16"
GC34-8x6	1/2"	11/16"-16	3/8"	1.51	13/16"
GC34-8x8	1/2"	13/16"-16	1/2"	1.62	15/16"
GC34-12x12	3/4"	1-3/16"-12	3/4"	2.28	1-3/8"
GC34-16x16	1"	1-7/16"-12	1"	2.78	1-5/8"
GC34-20x20	1-1/4"	1-11/16"-12	1-1/4"	3.09	1-7/8"



### O-Ring Face Seal (ORF) - 45° Female Swivel

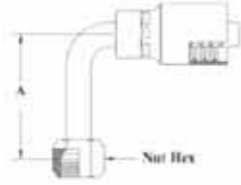
Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC31-4x4	1/4"	9/16"-18	1/4"	0.41	11/16"
GC31-4x6	1/4"	11/16"-16	3/8"	0.48	13/16"
GC31-6x6	3/8"	11/16"-16	3/8"	0.43	13/16"
GC31-6x8	3/8"	13/16"-16	1/2"	0.60	15/16"
GC31-8x6	1/2"	11/16"-16	3/8"	0.43	13/16"
GC31-8x8	1/2"	13/16"-16	1/2"	0.59	15/16"
GC31-8x10	1/2"	1"-14	5/8"	0.68	1-1/8"
GC31-10x10	5/8"	1"-14	5/8"	0.68	1-1/8"
GC31-10x12	5/8"	1-3/16"-12	3/4"	0.83	1-3/8"
GC31-12x10	3/4"	1"-14	5/8"	0.68	1-1/8"
GC31-12x12	3/4"	1-3/16"-12	3/4"	0.83	1-3/8"
GC31-12x16	3/4"	1-7/16"-20	1"	1.15	1-5/8"
GC31-16x16	1"	1-7/16"-12	1"	1.15	1-5/8"
GC31-20x20	1-1/4"	1-11/16"-12	1-1/4"	1.07	1-7/8"



### O-Ring Face Seal (ORF) - 90° Female Swivel

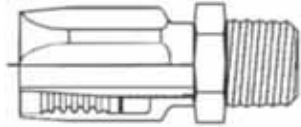
Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC32-4x4	1/4"	9/16"-18	1/4"	0.80	11/16"
GC32-4x6	1/4"	11/16"-16	3/8"	0.90	13/16"
GC32-6x4	3/8"	9/16"-18	1/4"	0.78	11/16"
GC32-6x6	3/8"	11/16"-16	3/8"	0.90	13/16"
GC32-6x8	3/8"	13/16"-16	1/2"	1.15	15/16"
GC32-8x6	1/2"	11/16"-16	3/8"	0.90	13/16"
GC32-8x8	1/2"	13/16"-16	1/2"	1.15	15/16"
GC32-8x10	1/2"	1"-14	5/8"	1.27	1-1/8"
GC32-10x10	5/8"	1"-14	5/8"	1.27	1-1/8"
GC32-10x12	5/8"	1-3/16"-12	3/4"	1.88	1-3/8"
GC32-12x10	3/4"	1"-14	5/8"	1.27	1-1/8"
GC32-12x12	3/4"	1-3/16"-12	3/4"	1.88	1-3/8"
GC32-12x16	3/4"	1-7/16"-12	1"	2.20	1-5/8"
GC32-16x16	1"	1-7/16"-12	1"	2.20	1-5/8"
GC32-20x20	1-1/4"	1-11/16"-12	1-1/4"	2.51	1-7/8"





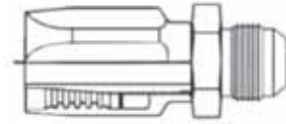
**O-Ring Face Seal (ORF) - 90° Female  
Swivel Long Drop**

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
GC33-4x4	1/4"	9/16x18	1/4"	1.80	11/16"
GC33-4x6	1/4"	11/16x16	3/8"	2.13	13/16"
GC33-6x6	3/8"	11/16x16	3/8"	2.13	13/16"
GC33-6x8	3/8"	13/16x16	1/2"	2.51	15/16"
GC33-8x8	1/2"	13/16x16	1/2"	2.51	15/16"
GC33-8x10	1/2"	1x14	5/8"	2.76	1-1/8"
GC33-10x10	5/8"	1x14	5/8"	2.76	1-1/8"
GC33-12x12	3/4"	1-3/16x12	3/4"	3.78	1-3/8"
GC33-16x16	1"	1-7/16x12	1"	4.50	1-5/8"



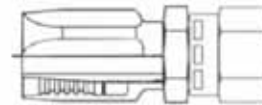
### Reusable Fittings - NPTF - Male Solid

Part #	Hose ID	Pipe Size	Thread Size	Hose Type
4R5-2MP	3/16" (#4)	1/8"	1/8-27	100R5
4R5-4MP	3/16" (#4)	1/4"	1/4-18	100R5
5R5-4MP	1/4" (#5)	1/4"	1/4-18	100R5
6R5-4MP	5/16" (#6)	1/4"	1/4-18	100R5
6R5-6MP	5/16" (#6)	3/8"	3/8-18	100R5
8R5-6MP	13/32" (#8)	3/8"	3/8-18	100R5
8R5-8MP	13/32" (#8)	1/2"	1/2-14	100R5
10R5-8MP	1/2" (#10)	1/2"	1/2-14	100R5
12R5-12MP	5/8" (#12)	3/4"	3/4-14	100R5



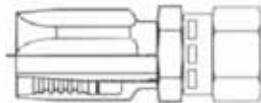
### Reusable Fittings - JIC 37° - Male Solid

Part #	Hose ID	Thread Size	Tube OD	Hose Type
4R5-4MJ	3/16" (#4)	7/16-20	1/4"	100R5
5R5-5MJ	1/4" (#5)	1/2-20	5/16"	100R5
6R5-6MJ	5/16" (#6)	9/16-18	3/8"	100R5
8R5-8MJ	13/32" (#8)	3/4-16	1/2"	100R5



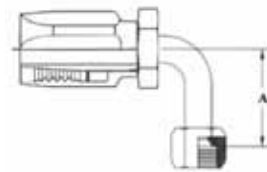
### Reusable Fittings - SAE 45° - Female Swivel

Part #	Hose ID	Thread Size	Tube OD	Hose Type
6R5-6FS	5/16" (#6)	5/8-11	3/8"	100R5



### Reusable Fittings - JIC 37° - Female Swivel

Part #	Hose ID	Thread Size	Tube OD	Hose Type
4R5-4FJ	3/16" (#4)	7/16-20	1/4"	100R5
5R5-5FJ	1/4" (#5)	1/2-20	5/16"	100R5
6R5-6FJ	5/16" (#6)	9/16-18	3/8"	100R5
8R5-8FJ	13/32" (#8)	3/4-16	1/2"	100R5
10R5-10FJ	1/2" (#10)	7/8-14	5/8"	100R5
12R5-12FJ	5/8" (#12)	1-1/16-12	3/4"	100R5
16R5-16FJ	7/8" (#16)	1-5/16-12	1"	100R5
20R5-20FJ	1-1/8" (#20)	1-5/8-12	1-1/4"	100R5

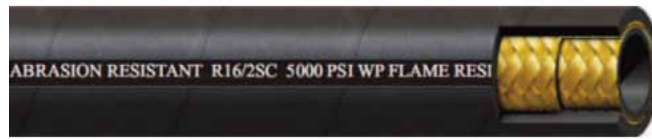


### Reusable Fittings - SAE 45° - 90° Female Swivel

Part #	Hose ID	Thread Size	Tube OD	A-Drop Inches	Hex Nut
4RF-4FJ90	3/16" (#4)	7/16-20	1/4"	0.69	100R5
6RF-6FJ90	5/16" (#6)	9/16-18	3/8"	0.84	100R5
8R5-8FJ90	13/32" (#8)	3/4-16	1/2"	1.09	100R5



## EXTENDED LIFE DH16



### DURA-HYD ABRASION RESISTANT 100R16/2SC SAE 100R16/2SC

#### EXTRA HI-PRESSURE HYDRAULIC HOSE

**Applications:** High Pressure Hydraulics, Industrial or Agricultural  
**Cover:** Flame Resistant, Extra Abrasion Resistant, MSHA approved.

**Reinforcement:** Two Wire Braids

**Temperature:** -40F to +212F (-40C to +100C)

#### SAE 100R16/EN 857 2SC | High Pressure

Part #	Hose ID	Hose OD	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)
DH16-04	1/4"	0.530	5,800	23,200	2
DH16-06	3/8"	0.687	5,000	20,000	2.5
DH16-08	1/2"	0.812	4,250	17,000	2.5
DH16-10	5/8"	0.937	3,625	14,500	4
DH16-12	3/4"	1.090	3,125	12,500	4.8
DH16-16	1"	1.405	2,500	10,000	6

## GR2SN



### SAE 100R2AT/2SN No. 2SN 2-WIRE HYDRAULIC HOSE

**Applications:** High Pressure Hydraulics, Industrial or Agricultural

**Cover:** Abrasion and Flame Resistant Cover, MSHA approved

**Reinforcement:** Two Wire Braids

**Temperature:** -40F to +212F (-40C to +100C)

#### SAE 100R2AT/2SN | Medium Pressure

Part #	Hose ID	Hose OD	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)
GR2SN-04	1/4	0.593	5,800	23,200	4
GR2SN-06	3/8	0.750	4,800	19,200	5
GR2SN-08	1/2	0.875	4,000	16,000	7
GR2SN-10	5/8	1.010	3,625	14,500	8
GR2SN-12	3/4	1.158	3,125	9,600	9.5
GR2SN-16	1	1.500	2,400	7,200	12

## Thread Identification Guide



### NPTF Pipe Thread

The NPTF (IPT) male will mate with the NPTF or NPSM female. The NPTF (IPT) male has tapered threads and a 30 degree inverted seat. The NPTF female has tapered threads and no seat. The seal takes place by deformation of the threads. The NPSM female has straight threads and a 30 degree inverted seat. The seal takes place on the 30 degree seat.

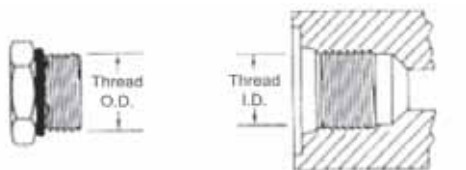
Nominal Size (in)	# Thread Per Inch	Female Thread ID (in)	Male Thread OD (in)
1/8"	27	23/64"	13/32"
1/4"	18	15/32"	35/64"
3/8"	18	19/32"	43/64"
1/2"	14	3/4"	27/32"
3/4"	14	61/64"	1-1/16"
1"	11-1/2	1-13/64"	1-5/16"
1-1/4"	11-1/2	1-17/32"	1-43/64"
1-1/2"	11-1/2	1-25/32"	1-29/32"
2"	11-1/2	2-1/4"	2-3/8"



### SAE 45° Flare

The SAE 45 degree flare male will mate with an SAE 45 degree flare female only. The SAE male has straight threads and a 45 degree flare seat. The SAE female has straight threads and a 45 degree flare seat. The seal is made on the 45 degree flare seat.

Nominal Size (in)	# Thread Per Inch	Female Thread ID (in)	Male Thread OD (in)
1/4"	20	25/64"	7/16"
5/16"	20	29/64"	1/2"
3/8"	18	9/16"	5/8"
1/2"	16	11/16"	3/4"



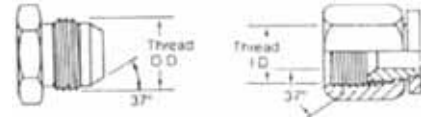
O-Ring Boss Male

O-Ring Boss Female Port

### SAE Straight Thread O-Ring Boss

The O-ring boss male will mate with an O-ring boss female only. The female is generally found on ports. The male has straight threads and an O-ring. The female has straight threads and a sealing face. The seal is made at the O-ring on the male and the sealing face on the female.

Nominal Size (in)	# Thread Per Inch	Female Thread ID (in)	Male Thread OD (in)	Oring ID	Oring Torus
1/4"	20	25/64"	7/16"	.351	.072
3/8"	18	1/2"	9/16"	.468	.078
1/2"	16	11/16"	3/4"	.644	.087
5/8"	14	13/16"	7/8"	.755	.097
3/4"	12	31/32"	1-1/16"	.924	.116



### JIC 45° Flare

The JIC 37 degree flare male will mate with a JIC female only. The JIC male has straight threads and a 37 degree flare seat. The JIC female has straight threads and a 37 degree flare seat. The seal is made on the 37 degree flare seat.

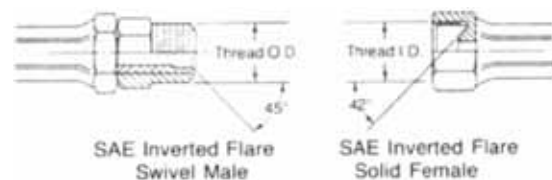
Nominal Size (in)	# Thread Per Inch	Female Thread ID (in)	Male Thread OD (in)
1/4"	20	25/64"	7/16"
5/16"	20	29/64"	1/2"
3/8"	18	1/2"	9/16"
1/2"	16	11/16"	3/4"
5/8"	14	13/16"	7/8"
3/4"	12	31/32"	1-1/16"
7/8"	12	1-7/64"	1-3/16"
1"	12	1-15/64"	1-5/16"
1-1/4"	12	1-35/64"	1-5/8"
1-1/2"	12	1-51/64"	1-7/8"
2"	12	2-27/64"	2-1/2"



### ORF (O-ring Face Seal)

The ORF Seal system consists of a flat, finished surface on the female connector's flange and a recessed O-Ring held in a circular groove on the male. The seal is created as the flange and O-Ring make contact as the female nut screws onto the male thread. A secondary seal is made as the male connector is drawn into contact with the flange. The back-up seal also prevents extrusion of the ORing under extreme pressure. ORF provides a better seal in high-vibrating, high-impulse or high-torque applications.

Nominal Size (in)	# Thread Per Inch	Female Thread ID (in)	Male Thread OD (in)
1/4"	18	33/64"	9/16"
3/8"	16	5/8"	11/16"
1/2"	16	3/4"	13/16"
3/4"	12	1-13/32"	1-3/16"
1"	12	1-23/64"	1-7/16"
1-1/4"	12	1-39/64"	1-11/16"



SAE Inverted Flare Swivel Male

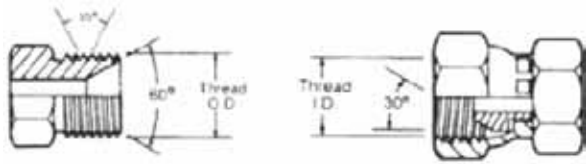
SAE Inverted Flare Solid Female

### SAE Inverted Flare

The SAE 45 degree inverted flare male will mate with an 42 degree inverted flare female only. The male has straight threads and a 45 degree inverted flare. The female has straight threads and a 42 degree inverted flare. The seal is made on the 45 degree flare seat on the male and the 42 degree flare seat on the female.

Nominal Size (in)	# Thread Per Inch	Female Thread ID (in)	Male Thread OD (in)
1/4"	24	25/64"	7/16"
5/16"	20	29/64"	1/2"
3/8"	18	37/64"	5/8"
1/2"	18	45/64"	3/4"

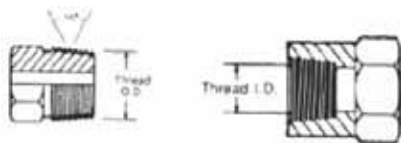
## Thread Identification Guide



### BSPP Pipe Thread

The British Standard Parallel Pipe Thread is similar to the NPSM pipe thread in that they both seal on the 30 degree seat of the corresponding female fitting. BSPP and NPSM are NOT interchangeable due to the fact that the thread angle differs. The BSPP thread angle is 55 degrees, and the NPSM thread angle is 60 degrees.

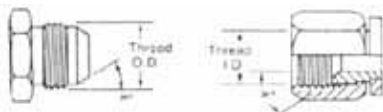
Nominal Size (in)	# Thread Per Inch
1/4"	19
3/8"	19
1/2"	14
5/8"	14
3/4"	14
1"	11
1-1/4"	11



### BSPT Pipe Thread

The British Standard Tapered Pipe Thread is similar to the NPTF pipe thread in that they both seal on the deformation of the threads. BSPT and NPTF are NOT interchangeable due to the fact that the thread angle differs. The BSPT thread angle is 55 degrees, and the NPTF thread angle is 60 degrees.

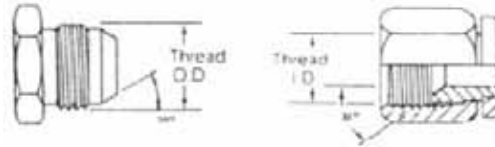
Nominal Size (in)	# Thread Per Inch
1/4"	19
3/8"	19
1/2"	14
5/8"	14
3/4"	14
1"	11
1-1/4"	11



### Female 30° Flare

The Female 30 Degree flare is similar to the JIC 37 Degree. The only differences are that the threads are a Metric straight thread and the sealing seat is 30 degrees. The seal is made on the 30 degree seat. This particular style of couplings is frequently referred to as a 'Komatsu' style connection.

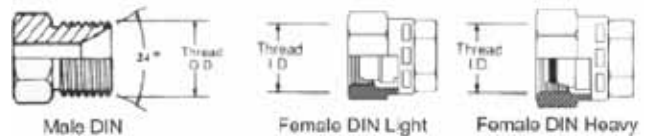
Nominal Size (in)	Thread Size	Female Thread ID (mm)	Male Thread OD (mm)
6	M14x1.5	12.5	14
9	M18x1.5	16.5	18
12	M22x1.5	20.5	22
16	M24x1.5	22.5	24
19	M30x1.5	28.5	30
25	M33x1.5	31.5	33



### Female JIS 30° Flare

The JIS 30 Degree flare is similar to the JIC 37 Degree. The only differences are that the threads are a British straight thread (BSPP) and the sealing seat is 30 degrees. The seal is made on the 30 degree seat.

Nominal Size (in)	Thread Size	Female Thread ID (in)	Male Thread OD (in)
1/4"	1/4-19"	1/2"	17/32"
3/8"	3/8-19"	5/8"	11/16"
1/2"	1/2-14"	25/32"	27/32"
3/4"	3/4-14"	1"	1-1/16"
1"	1-11"	1-1/4"	1-11/32"



### DIN Style Couplings

DIN style couplings seal in several different configurations. The common male has a 24 degree included angle seat. Two of the female styles are represented above. The Female DIN Light seals on globeseal, and the Female DIN Heavy seals on a 24 degree seat with an O-ring. As expected the Female DIN Heavy is for higher pressure applications.

Nominal Size Light (mm)	Nominal Size Heavy (mm)	Thread Size (Metric)	Female Thread ID (mm)	Male Thread ID (mm)
6	-	M12x1.5	10.6	12
8	6	M14x1.5	12.5	14
10	8	M16x1.5	14.5	16
12	10	M18x1.5	16.5	18
-	12	M20x1.5	18.5	20
15	14	M22x1.5	20.5	22
-	16	M24x1.5	22.5	24
18	-	M26x1.5	24.5	26
22	20	M30x2.0	28	30
28	25	M36x2.0	34	36
-	30	M42x2.0	40	42

## PC125 Perma Crimp

### Description:

The PC125 portable crimper with its open design, removable pusher and easy-to-use, spring-loaded die set, is designed for higher production volume and repetitive use. Crimp diameter is set and controlled with an easy-to-read micrometer. The PC125 is packaged for shop service and includes the crimper and 1 HP, 110V electric pump on a common base, compression ring, pressure plate, magnetized die ring pusher, stop/start remote pendant switch, metric micrometer, adjustable coupling stop and adjustable retraction stop.



### Features:

- Easy-to-read, fully adjustable metric micrometer allows precise setting of crimp diameters to an accuracy of +/- .1mm
- Open design with vertical feed for good operator visibility
- Removable pusher and spring-loaded die set for easy loading
- Magnetized pusher to attach compression ring for repetitive use
- 35-ton cylinder
- Automatic shut-off for precise crimps
- Adjustable retraction stop limits ram retractions for quick repetitive crimps
- Adjustable coupling stop for accurate, repetitive positioning of the assembly inside the dies
- Two piece, "slide in" die design for easy installation
- Common base for bench mounting
- Color-coded die sets to speed die selection and set-up
- 1 HP, 110V pump
- Pneumatic activation (no electric wires) of remote pendant switch

**Capability:** 1/4" through 1 1/4" ID, 2 wire braid hose and 1" ID 4-spiral hose with all coupling end styles including most bent tubes.

**Power Source:** 1 HP, 110V AC, single phase 50-60 Hz, electric pump (PC125/150-E1PUMP) with pneumatic stop/start pendant switch

**Oil Capacity:** 1 gallon

**Mounting:** Crimper and pump installed on plate

**Dimensions:** 20" deep x 11" wide x 19" tall

**Weight:** 125 lbs.

### Dies For PC125

Part #	Size	Part #	Size
PC125-8.5Black	8.5mm	PC125-27Brown	27mm - 5/8"
PC125-12Black	12mm	PC125-31Silver	31mm - 3/4"
PC125-14Red	14mm	PC125-34Purple	34mm
PC125-16Blue	16mm - 1/4"	PC125-41Orange	41mm - 1"
PC125-19Green	19mm - 3/8"	PC125-45Black	45mm - 1-1/4"
PC125-23Yellow	23mm - 1/2"	PC125-50Black	50mm



## PC150H Perma Crimp

### Description:

The PC150H offers the ease of use of a horizontal crimper with the power and precise adjustment capabilities usually found in more costly models. With the same crimping capability as the PC150 Series, the "H" model offers hose feed horizontally from either front or rear through a large 4.9-inch throat opening. The PC150H can be ordered with a 1 HP electric pump (PC150H-1) or a 2 HP electric pump (PC150H-2), producing maximum force in a small package. The PC150H make repetitive crimps fast and easy to accomplish with a precise, direct-read digital adjustment and a built-in cylinder retraction stop. The PC150H also offers convenience features found in both our vertical and horizontal crimpers including a pneumatic start/stop pendant switch, a magnetic die change tool, an optional die rack for storing dies, and master die grease fittings as a special feature for easy lubrication.



### Features:

- Easy-to-read micrometer provides precise crimp settings
- Hose feed is horizontal from both front and rear
- Easy die loading with magnetic die change tool
- Max die size 56mm
- 155-ton crimping force
- Automatic shutoff for precise crimps
- Retraction stop limits die travel for faster repetitive crimps
- Large 13-quart oil reservoir to cool components during repetitive crimps
- Pneumatic activation using remote pendant switch
- 1 HP and 2 HP power options

**Capability:** 1/4" through 1 1/2" ID, 2-braid hose and 4-spiral hose with all coupling styles and most bent tubes

### Power Source:

- 1 HP, 110V AC, single phase (PC150H-1)
- 2 HP, 220V AC, single phase (PC150H-2)

**Oil Capacity:** 13 quarts

**Mounting:** Bench or cabinet

**Dimensions:** 15.0" deep x 23.5" wide x 20.5" high

**Weight:** 245 lbs.

### Dies For PC150H

Part #	Size	Part #	Size
PC150H-8.5	8.5mm	PC150H-31	31mm
PC150H-12	12mm	PC150H-34	34mm
PC150H-14	14mm	PC150H-41	41mm
PC150H-16	16mm	PC150H-45	45mm
PC150H-19	19mm	PC150H-50	50mm
PC150H-23	23mm	PC150H-6	56mm
PC150H-27	27mm		

## Adapter Picture Index

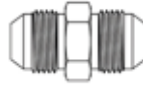
### Steel 37° JIC Adapters



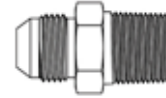
**304-C**  
JIC CAP NUT



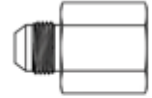
**306**  
BULKHEAD LOCK NUT



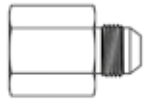
**2403**  
MJ-MJ



**2404**  
MJ-MP



**2405**  
MJ-FP



**2406**  
FJ-MJ REDUCER/EXPANDER



**2408**  
MJ PLUG



**2500**  
MJ-MJ 90°



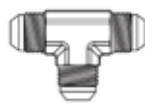
**2501**  
MJ-MP 90°



**2503**  
MJ-MP 45°



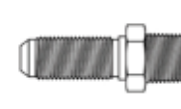
**2601**  
MJ-MP BRANCH TEE



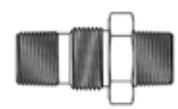
**2603**  
MJ UNION TEE



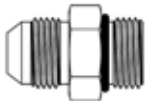
**2700**  
MJ-MJ BULKHEAD



**2706**  
MJ-MP BULKHEAD



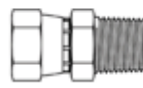
**2708**  
MP-MP BULKHEAD



**6400**  
MJ-MOR



**6500**  
MJ-FJX 90°



**6505**  
FJX-MP



**6600**  
MF-FJX BRANCH TEE



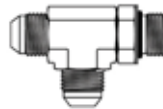
**6602**  
MJ-FJX RUN TEE



**6801**  
MJ-MOR 90°

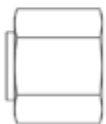


**6802**  
MJ-MOR 45°

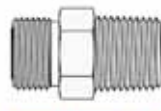


**6804**  
MJ-MOR RUN TEE

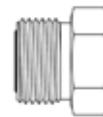
### Steel Oring Face Seal Adapters



**FF304-C**  
ORFS CAP



**FF2404**  
MORFS-MP

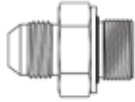


**FF2408**  
ORFS PLUG



## Adapter Picture Index

### BSPP Adapters



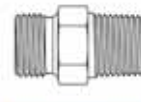
3800  
MJ-MBSPP



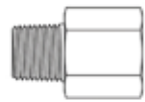
3801  
MJ-MBSPP 90°



3802  
MJ-MBSPP 45°

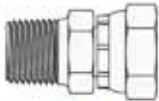


3825  
MBSPP-MP

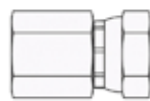


3826  
MP-FBSPP

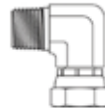
### Steel Pipe Swivel Adapters



1404  
MP-FPX



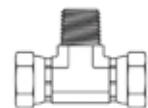
1405  
FP-FPX



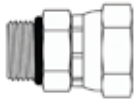
1501  
MP-FPX 90°



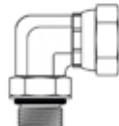
1503  
MP-FPX 45°



1601  
MP-FPX TEE



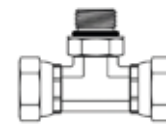
6900  
MOR-FPX



6901  
MOR-FPX 90°



6902  
MOR-FPX 45°

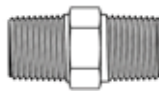


6911  
MOR-FPX TEE

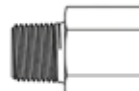
### Steel Pipe Adapters



5000  
FP-FP COUPLING



5404  
MP-MP NIPPLE



5405  
MP-FP EXPANDER



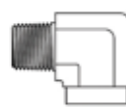
5406  
HEX REDUCER EXPANDER



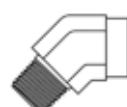
5406-CAP  
PIPE CAP



5500  
MP-MP 90°



5502  
MP-FP 90°



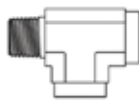
5503  
MP-FP 45°



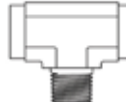
5504  
FP-FP 90°



5505  
FP-FP 45°



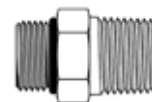
5602  
MP-FP RUN TEE



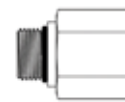
5604  
MP-FP BRANCH TEE



5605  
FP UNION TEE



6401  
MOR-MP



6405  
MOR-FP

## Adapters



### Pipe Swivel Male Connector

Part #	Male Pipe	Female Pipe Swivel
1404-08-04	1/2"-14	1/4"-18
1404-08-06	1/2"-14	3/8"-18
1404-08-08	1/2"-14	1/2"-14
1404-08-12	1/2"-14	3/4"-14
1404-12-06	3/4"-14	3/8"-18
1404-12-08	3/4"-14	1/2"-14
1404-12-12	3/4"-14	3/4"-14
1404-12-16	3/4"-14	1"-11 1/2
1404-16-08	1"-11 1/2	1/2"-14
1404-16-12	1"-11 1/2	3/4"-14
1404-16-16	1"-11 1/2	1"-11 1/2
1404-16-20	1"-11 1/2	1 1/4"-11 1/2
1404-16-24	1"-11 1/2	1 1/2"-11 1/2
1404-20-16	1 1/4"-11 1/2	1"-11 1/2
1404-20-20	1 1/4"-11 1/2	1 1/4"-11 1/2
1404-20-24	1 1/4"-11 1/2	1 1/2"-11 1/2
1404-24-20	1 1/2"-11 1/2	1 1/4"-11 1/2
1404-24-24	1 1/2"-11 1/2	1 1/2"-11 1/2
1404-32-32	2"-11 1/2	2"-11 1/2

### Pipe Swivel Female Connector

Part #	Female Pipe	Female Pipe Swivel
1405-02-02	1/8"-27	1/8"-27
1405-02-04	1/8"-27	1/4"-18
1405-04-02	1/4"-18	1/8"-27
1405-04-04	1/4"-18	1/4"-18
1405-04-06	1/4"-18	3/8"-18
1405-04-08	1/4"-18	1/2"-14
1405-06-04	3/8"-18	1/4"-18
1405-06-06	3/8"-18	3/8"-18
1405-06-08	3/8"-18	1/2"-14
1405-08-04	1/2"-14	1/4"-18
1405-08-06	1/2"-14	3/8"-18
1405-08-08	1/2"-14	1/2"-14
1405-08-12	1/2"-14	3/4"-14
1405-12-06	3/4"-14	3/8"-18
1405-12-08	3/4"-14	1/2"-14
1405-12-12	3/4"-14	3/4"-14
1405-12-16	3/4"-14	1"-11 1/2
1405-16-12	1"-11 1/2	3/4"-14
1405-16-16	1"-11 1/2	1"-11 1/2
1405-20-20	1 1/4"-11 1/2	1 1/4"-11 1/2
1405-24-24	1 1/2"-11 1/2	1 1/2"-11 1/2
1405-32-32	2"-11 1/2	2"-11 1/2



### Pipe Swivel Branch Tee

Part #	Male Pipe	Female Pipe Swivel	Female Pipe Swivel
1601-02-02-02	1/8"-27	1/8"-27	1/8"-27
1601-04-04-04	1/4"-18	1/4"-18	1/4"-18
1601-04-06-06	1/4"-18	3/8"-18	3/8"-18
1601-06-04-04	3/8"-18	1/4"-18	1/4"-18
1601-06-06-06	3/8"-18	3/8"-18	3/8"-18
1601-06-08-08	3/8"-18	1/2"-14	1/2"-14
1601-08-04-04	1/2"-14	1/4"-18	1/4"-18
1601-08-06-06	1/2"-14	3/8"-18	3/8"-18
1601-08-08-08	1/2"-14	1/2"-14	1/2"-14
1601-12-08-08	3/4"-14	1/2"-14	1/2"-14
1601-12-12-12	3/4"-14	3/4"-14	3/4"-14
1601-16-12-12	1"-11 1/2	3/4"-14	3/4"-14
1601-16-16-16	1"-11 1/2	1"-11 1/2	1"-11 1/2
1601-20-20-20	1 1/4"-11 1/2	1 1/4"-11 1/2	1 1/4"-11 1/2
1601-24-24-24	1 1/2"-11 1/2	1 1/2"-11 1/2	1 1/2"-11 1/2

## Adapters



### Pipe Swivel 90° Male Elbow

Part #	Male Pipe	Female Pipe Swivel
1501-02-02	1/8"-27	1/8"-27
1501-02-04	1/8"-27	1/4"-18
1501-04-02	1/4"-18	1/8"-27
1501-04-04	1/4"-18	1/4"-18
1501-04-06	1/4"-18	3/8"-18
1501-04-08	1/4"-18	1/2"-14
1501-06-04	3/8"-18	1/4"-18
1501-06-06	3/8"-18	3/8"-18
1501-06-08	3/8"-18	1/2"-14
1501-06-12	3/8"-18	3/4"-14
1501-08-04	1/2"-14	1/4"-18
1501-08-06	1/2"-14	3/8"-18
1501-08-08	1/2"-14	1/2"-14
1501-08-12	1/2"-14	3/4"-14
1501-12-04	3/4"-14	1/4"-18
1501-12-06	3/4"-14	3/8"-18
1501-12-08	3/4"-14	1/2"-14
1501-12-12	3/4"-14	3/4"-14
1501-12-16	3/4"-14	1"-11 1/2
1501-16-08	1"-11 1/2	1/2"-14
1501-16-12	1"-11 1/2	3/4"-14
1501-16-16	1"-11 1/2	1"-11 1/2
1501-16-20	1"-11 1/2	1 1/4"-11 1/2
1501-20-12	1 1/4"-11 1/2	3/4"-14
1501-20-16	1 1/4"-11 1/2	1"-11 1/2
1501-20-20	1 1/4"-11 1/2	1 1/4"-11 1/2
1501-20-24	1 1/4"-11 1/2	1 1/2"-11 1/2
1501-24-20	1 1/2"-11 1/2	1 1/4"-11 1/2
1501-24-24	1 1/2"-11 1/2	1 1/2"-11 1/2
1501-32-32	2"-11 1/2	2"-11 1/2

### Pipe Swivel 45° Male Elbow

Part #	Male Pipe	Female Pipe Swivel
1503-02-02	1/8"-27	1/8"-27
1503-04-04	1/4"-18	1/4"-18
1503-04-06	1/4"-18	3/8"-18
1503-06-04	3/8"-18	1/4"-18
1503-06-06	3/8"-18	3/8"-18
1503-06-08	3/8"-18	1/2"-14
1503-08-06	1/2"-14	3/8"-18
1503-08-08	1/2"-14	1/2"-14
1503-08-12	1/2"-14	3/4"-14
1503-12-08	3/4"-14	1/2"-14
1503-12-12	3/4"-14	3/4"-14
1503-12-16	3/4"-14	1"-11 1/2
1503-16-12	1"-11 1/2	3/4"-14
1503-16-16	1"-11 1/2	1"-11 1/2
1503-16-20	1"-11 1/2	1 1/4"-11 1/2
1503-20-16	1 1/4"-11 1/2	1"-11 1/2
1503-20-20	1 1/4"-11 1/2	1 1/4"-11 1/2
1503-24-24	1 1/2"-11 1/2	1 1/2"-11 1/2
1503-32-32	2"-11 1/2	2"-11 1/2

## Adapters



### JIC Union

Part #	Male JIC	Male JIC
2403-02-02	1/8" JIC	1/8" JIC
2403-03-03	3/16" JIC	3/16" JIC
2403-04-02	1/4" JIC	1/8" JIC
2403-04-03	1/4" JIC	3/16" JIC
2403-04-04	1/4" JIC	1/4" JIC
2403-05-04	5/16" JIC	1/4" JIC
2403-05-05	5/16" JIC	5/16" JIC
2403-06-04	3/8" JIC	1/4" JIC
2403-06-05	3/8" JIC	5/16" JIC
2403-06-06	3/8" JIC	3/8" JIC
2403-08-04	1/2" JIC	1/4" JIC
2403-08-06	1/2" JIC	3/8" JIC
2403-08-08	1/2" JIC	1/2" JIC
2403-10-04	5/8" JIC	1/4" JIC
2403-10-06	5/8" JIC	3/8" JIC
2403-10-08	5/8" JIC	1/2" JIC
2403-10-10	5/8" JIC	5/8" JIC
2403-12-04	3/4" JIC	1/4" JIC
2403-12-06	3/4" JIC	3/8" JIC
2403-12-08	3/4" JIC	1/2" JIC
2403-12-10	3/4" JIC	5/8" JIC
2403-12-12	3/4" JIC	3/4" JIC
2403-14-14	7/8" JIC	7/8" JIC
2403-16-08	1" JIC	1/2" JIC
2403-16-10	1" JIC	5/8" JIC
2403-16-12	1" JIC	3/4" JIC
2403-16-16	1" JIC	1" JIC
2403-20-16	1-1/4" JIC	1" JIC
2403-20-20	1-1/4" JIC	1-1/4" JIC
2403-24-16	1-1/2" JIC	1" JIC
2403-24-20	1-1/2" JIC	1-1/4" JIC
2403-24-24	1-1/2" JIC	1-1/2" JIC
2403-32-32	2" JIC	2" JIC

### JIC Female Connector

Part #	Male JIC	Female Pipe
2405-02-02	1/8" JIC	1/8" Pipe
2405-03-02	3/16" JIC	1/8" Pipe
2405-03-04	3/16" JIC	1/4" Pipe
2405-04-02	1/4" JIC	1/8" Pipe
2405-04-04	1/4" JIC	1/4" Pipe
2405-04-06	1/4" JIC	3/8" Pipe
2405-04-08	1/4" JIC	1/2" Pipe
2405-05-02	5/16" JIC	1/8" Pipe
2405-05-04	5/16" JIC	1/4" Pipe
2405-05-06	5/16" JIC	3/8" Pipe
2405-06-02	3/8" JIC	1/8" Pipe
2405-06-04	3/8" JIC	1/4" Pipe
2405-06-06	3/8" JIC	3/8" Pipe
2405-06-08	3/8" JIC	1/2" Pipe
2405-06-12	3/8" JIC	3/4" Pipe
2405-08-04	1/2" JIC	1/4" Pipe
2405-08-06	1/2" JIC	3/8" Pipe
2405-08-08	1/2" JIC	1/2" Pipe
2405-08-12	1/2" JIC	3/4" Pipe
2405-10-06	5/8" JIC	3/8" Pipe
2405-10-08	5/8" JIC	1/2" Pipe
2405-10-12	5/8" JIC	3/4" Pipe
2405-12-08	3/4" JIC	1/2" Pipe
2405-12-12	3/4" JIC	3/4" Pipe
2405-12-16	3/4" JIC	1" Pipe
2405-14-12	7/8" JIC	3/4" Pipe
2405-16-12	1" JIC	3/4" Pipe
2405-16-16	1" JIC	1" Pipe
2405-16-20	1" JIC	1-1/4" Pipe
2405-20-16	1-1/4" JIC	1" Pipe
2405-20-20	1-1/4" JIC	1-1/4" Pipe
2405-20-24	1-1/4" JIC	1-1/2" Pipe
2405-24-24	1-1/2" JIC	1-1/2" Pipe
2405-32-32	2" JIC	2" JIC

## Adapters



### JIC Male Connector

Part #	Male JIC	Male Pipe
2404-02-02	1/8" JIC	1/8" Pipe
2404-02-04	1/8" JIC	1/4" Pipe
2404-03-02	3/16" JIC	1/8" Pipe
2404-03-04	3/16" JIC	1/4" Pipe
2404-04-02	1/4" JIC	1/8" Pipe
2404-04-04	1/4" JIC	1/4" Pipe
2404-04-06	1/4" JIC	3/8" Pipe
2404-04-08	1/4" JIC	1/2" Pipe
2404-04-12	1/4" JIC	3/4" Pipe
2404-05-02	5/16" JIC	1/8" Pipe
2404-05-04	5/16" JIC	1/4" Pipe
2404-05-06	5/16" JIC	3/8" Pipe
2404-05-08	5/16" JIC	1/2" Pipe
2404-06-02	3/8" JIC	1/8" Pipe
2404-06-04	3/8" JIC	1/4" Pipe
2404-06-06	3/8" JIC	3/8" Pipe
2404-06-08	3/8" JIC	1/2" Pipe
2404-06-12	3/8" JIC	3/4" Pipe
2404-06-16	3/8" JIC	1" Pipe
2404-08-02	1/2" JIC	1/8" Pipe
2404-08-04	1/2" JIC	1/4" Pipe
2404-08-06	1/2" JIC	3/8" Pipe
2404-08-08	1/2" JIC	1/2" Pipe
2404-08-12	1/2" JIC	3/4" Pipe
2404-08-16	1/2" JIC	1" Pipe
2404-10-04	5/8" JIC	1/4" Pipe
2404-10-06	5/8" JIC	3/8" Pipe

### JIC Male Connector

Part #	Male JIC	Male Pipe
2404-10-08	5/8" JIC	1/2" Pipe
2404-10-12	5/8" JIC	3/4" Pipe
2404-10-16	5/8" JIC	1" Pipe
2404-12-06	3/4" JIC	3/8" Pipe
2404-12-08	3/4" JIC	1/2" Pipe
2404-12-12	3/4" JIC	3/4" Pipe
2404-12-16	3/4" JIC	1" Pipe
2404-12-20	3/4" JIC	1-1/4" Pipe
2404-12-24	3/4" JIC	1-1/2" Pipe
2404-14-12	7/8" JIC	3/4" Pipe
2404-16-08	1" JIC	1/2" Pipe
2404-16-12	1" JIC	3/4" Pipe
2404-16-16	1" JIC	1" Pipe
2404-16-20	1" JIC	1-1/4" Pipe
2404-16-24	1" JIC	1-1/2" Pipe
2404-20-12	1-1/4" JIC	3/4" Pipe
2404-20-16	1-1/4" JIC	1" Pipe
2404-20-20	1-1/4" JIC	1-1/4" Pipe
2404-20-24	1-1/4" JIC	1-1/2" Pipe
2404-20-32	1-1/4" JIC	2" Pipe
2404-24-16	1-1/2" JIC	1" Pipe
2404-24-20	1-1/2" JIC	1-1/4" Pipe
2404-24-24	1-1/2" JIC	1-1/2" Pipe
2404-24-32	1-1/2" JIC	2" Pipe
2404-32-20	2" JIC	1-1/4" Pipe
2404-32-24	2" JIC	1-1/2" Pipe
2404-32-32	2" JIC	2" Pipe

## Adapters



### JIC Adapter

Part #	Female JIC	Male JIC
2406-03-04	3/16" JIC	1/4" JIC
2406-04-04	1/4" JIC	1/4" JIC
2406-04-06	1/4" JIC	3/8" JIC
2406-04-08	1/4" JIC	1/2" JIC
2406-05-04	5/16" JIC	1/4" JIC
2406-05-08	5/16" JIC	1/2" JIC
2406-06-04	3/8" JIC	1/4" JIC
2406-06-05	3/8" JIC	5/16" JIC
2406-06-06	3/8" JIC	3/8" JIC
2406-06-08	3/8" JIC	1/2" JIC
2406-08-04	1/2" JIC	1/4" JIC
2406-08-05	1/2" JIC	5/16" JIC
2406-08-06	1/2" JIC	3/8" JIC
2406-08-08	1/2" JIC	1/2" JIC
2406-08-10	1/2" JIC	5/8" JIC
2406-08-12	1/2" JIC	3/4" JIC
2406-10-04	5/8" JIC	1/4" JIC
2406-10-06	5/8" JIC	3/8" JIC
2406-10-08	5/8" JIC	1/2" JIC
2406-10-12	5/8" JIC	3/4" JIC
2406-10-16	5/8" JIC	1" JIC
2406-12-04	3/4" JIC	1/4" JIC
2406-12-06	3/4" JIC	3/8" JIC
2406-12-08	3/4" JIC	1/2" JIC
2406-12-10	3/4" JIC	5/8" JIC

### JIC Adapter

Part #	Female JIC	Male JIC
2406-12-12	3/4" JIC	3/4" JIC
2406-12-16	3/4" JIC	1" JIC
2406-12-20	3/4" JIC	1-1/4" JIC
2406-14-12	7/8" JIC	3/4" JIC
2406-16-04	1" JIC	1/4" JIC
2406-16-06	1" JIC	3/8" JIC
2406-16-08	1" JIC	1/2" JIC
2406-16-10	1" JIC	5/8" JIC
2406-16-12	1" JIC	3/4" JIC
2406-16-14	1" JIC	7/8" JIC
2406-16-20	1" JIC	1-1/4" JIC
2406-16-24	1" JIC	1-1/2" JIC
2406-20-06	1-1/4" JIC	3/8" JIC
2406-20-08	1-1/4" JIC	1/2" JIC
2406-20-10	1-1/4" JIC	5/8" JIC
2406-20-12	1-1/4" JIC	3/4" JIC
2406-20-16	1-1/4" JIC	1" JIC
2406-20-24	1-1/4" JIC	1-1/2" JIC
2406-24-08	1-1/2" JIC	1/2" JIC
2406-24-12	1-1/2" JIC	3/4" JIC
2406-24-16	1-1/2" JIC	1" JIC
2406-24-20	1-1/2" JIC	1-1/4" JIC
2406-24-32	1-1/2" JIC	2" JIC
2406-32-20	2" JIC	1-1/4" JIC
2406-32-24	2" JIC	1-1/2" JIC

## Adapters



**JIC Plug**

Part #	Male JIC
2408-02	1/8" JIC
2408-03	3/16" JIC
2408-04	1/4" JIC
2408-05	5/16" JIC
2408-06	3/8" JIC
2408-08	1/2" JIC
2408-10	5/8" JIC
2408-12	3/4" JIC
2408-14	7/8" JIC
2408-16	1" JIC
2408-20	1-1/4" JIC
2408-24	1-1/2" JIC
2408-32	2" JIC



**JIC Union 90° Elbow**

Part #	Male JIC	Male JIC
2500-02-02	1/8" JIC	1/8" JIC
2500-03-03	3/16" JIC	3/16" JIC
2500-04-04	1/4" JIC	1/4" JIC
2500-05-04	5/16" JIC	1/4" JIC
2500-05-05	5/16" JIC	5/16" JIC
2500-06-04	3/8" JIC	1/4" JIC
2500-06-05	3/8" JIC	5/16" JIC
2500-06-06	3/8" JIC	3/8" JIC
2500-08-04	1/2" JIC	1/4" JIC
2500-08-06	1/2" JIC	3/8" JIC
2500-08-08	1/2" JIC	1/2" JIC
2500-10-08	5/8" JIC	1/2" JIC
2500-10-10	5/8" JIC	5/8" JIC
2500-12-08	3/4" JIC	1/2" JIC
2500-12-12	3/4" JIC	3/4" JIC
2500-14-14	7/8" JIC	7/8" JIC
2500-16-12	1" JIC	3/4" JIC
2500-16-16	1" JIC	1" JIC
2500-20-16	1-1/4" JIC	1" JIC
2500-20-20	1-1/4" JIC	1-1/4" JIC
2500-24-24	1-1/2" JIC	1-1/2" JIC
2500-32-32	2" JIC	2" JIC



**JIC Union Tee**

Part #	Male JIC	Male JIC	Male JIC
2603-02-02-02	1/8" JIC	1/8" JIC	1/8" JIC
2603-03-03-03	3/16" JIC	3/16" JIC	3/16" JIC
2603-04-04-04	1/4" JIC	1/4" JIC	1/4" JIC
2603-04-04-06	1/4" JIC	1/4" JIC	3/8" JIC
2603-05-05-05	5/16" JIC	5/16" JIC	5/16" JIC
2603-06-06-06	3/8" JIC	3/8" JIC	3/8" JIC
2603-06-06-08	3/8" JIC	3/8" JIC	1/2" JIC
2603-08-06-08	1/2" JIC	3/8" JIC	1/2" JIC
2603-08-08-06	1/2" JIC	1/2" JIC	3/8" JIC
2603-08-08-08	1/2" JIC	1/2" JIC	1/2" JIC
2603-08-08-10	1/2" JIC	1/2" JIC	5/8" JIC
2603-10-08-08	5/8" JIC	1/2" JIC	1/2" JIC
2603-10-10-10	5/8" JIC	5/8" JIC	5/8" JIC
2603-12-12-08	3/4" JIC	3/4" JIC	1/2" JIC
2603-12-12-12	3/4" JIC	3/4" JIC	3/4" JIC
2603-14-14-14	7/8" JIC	7/8" JIC	7/8" JIC
2603-16-16-12	1" JIC	1" JIC	3/4" JIC
2603-16-16-16	1" JIC	1" JIC	1" JIC
2603-16-16-20	1" JIC	1" JIC	1-1/4" JIC
2603-20-20-20	1-1/4" JIC	1-1/4" JIC	1-1/4" JIC
2603-24-24-24	1-1/2" JIC	1-1/2" JIC	1-1/2" JIC
2603-32-32-32	2" JIC	2" JIC	2" JIC

## Adapters



### JIC Male 90° Elbow

Part #	Male JIC	Male Pipe
2501-02-02	1/8" JIC	1/8" Pipe
2501-02-04	1/8" JIC	1/4" Pipe
2501-03-02	3/16" JIC	1/8" Pipe
2501-04-02	1/4" JIC	1/8" Pipe
2501-04-04	1/4" JIC	1/4" Pipe
2501-04-06	1/4" JIC	3/8" Pipe
2501-04-08	1/4" JIC	1/2" Pipe
2501-04-12	1/4" JIC	3/4" Pipe
2501-05-02	5/16" JIC	1/8" Pipe
2501-05-04	5/16" JIC	1/4" Pipe
2501-05-06	5/16" JIC	3/8" Pipe
2501-05-08	5/16" JIC	1/2" Pipe
2501-06-02	3/8" JIC	1/8" Pipe
2501-06-04	3/8" JIC	1/4" Pipe
2501-06-06	3/8" JIC	3/8" Pipe
2501-06-08	3/8" JIC	1/2" Pipe
2501-06-12	3/8" JIC	3/4" Pipe
2501-08-02	1/2" JIC	1/8" Pipe
2501-08-04	1/2" JIC	1/4" Pipe
2501-08-06	1/2" JIC	3/8" Pipe
2501-08-08	1/2" JIC	1/2" Pipe
2501-08-12	1/2" JIC	3/4" Pipe
2501-08-16	1/2" JIC	1" Pipe
2501-10-06	5/8" JIC	3/8" Pipe

### JIC Male 90° Elbow

Part #	Male JIC	Male Pipe
2501-10-08	5/8" JIC	1/2" Pipe
2501-10-12	5/8" JIC	3/4" Pipe
2501-10-16	5/8" JIC	1" Pipe
2501-12-06	3/4" JIC	3/8" Pipe
2501-12-08	3/4" JIC	1/2" Pipe
2501-12-12	3/4" JIC	3/4" Pipe
2501-12-16	3/4" JIC	1" Pipe
2501-12-20	3/4" JIC	1-1/4" Pipe
2501-14-12	7/8" JIC	3/4" Pipe
2501-14-16	7/8" JIC	1" Pipe
2501-16-08	1" JIC	1/2" Pipe
2501-16-12	1" JIC	3/4" Pipe
2501-16-16	1" JIC	1" Pipe
2501-16-20	1" JIC	1-1/4" Pipe
2501-16-24	1" JIC	1-1/2" Pipe
2501-20-16	1-1/4" JIC	1" Pipe
2501-20-20	1-1/4" JIC	1-1/4" Pipe
2501-20-24	1-1/4" JIC	1-1/2" Pipe
2501-24-16	1-1/2" JIC	1" Pipe
2501-24-20	1-1/2" JIC	1-1/4" Pipe
2501-24-24	1-1/2" JIC	1-1/2" Pipe
2501-24-32	2" JIC	2" Pipe
2501-32-24	2" JIC	1-1/2" Pipe
2501-32-32	2" JIC	2" Pipe



## Adapters



**JIC Male 45° Elbow**

Part #	Male JIC	Male Pipe
2503-02-02	1/8" JIC	1/8" Pipe
2503-03-02	3/16" JIC	1/8" Pipe
2503-04-02	1/4" JIC	1/8" Pipe
2503-04-04	1/4" JIC	1/4" Pipe
2503-04-06	1/4" JIC	3/8" Pipe
2503-04-08	1/4" JIC	1/2" Pipe
2503-05-02	5/16" JIC	1/8" Pipe
2503-05-04	5/16" JIC	1/4" Pipe
2503-06-02	3/8" JIC	1/8" Pipe
2503-06-04	3/8" JIC	1/4" Pipe
2503-06-06	3/8" JIC	3/8" Pipe
2503-06-08	3/8" JIC	1/2" Pipe
2503-06-12	3/8" JIC	3/4" Pipe
2503-08-04	1/2" JIC	1/4" Pipe
2503-08-06	1/2" JIC	3/8" Pipe
2503-08-08	1/2" JIC	1/2" Pipe
2503-08-12	1/2" JIC	3/4" Pipe
2503-10-06	5/8" JIC	3/8" Pipe
2503-10-08	5/8" JIC	1/2" Pipe
2503-10-12	5/8" JIC	3/4" Pipe
2503-12-08	3/4" JIC	1/2" Pipe
2503-12-12	3/4" JIC	3/4" Pipe
2503-12-16	3/4" JIC	1" Pipe
2503-14-12	7/8" JIC	3/4" Pipe
2503-16-08	1" JIC	1/2" Pipe
2503-16-12	1" JIC	3/4" Pipe
2503-16-16	1" JIC	1" Pipe
2503-16-20	1" JIC	1-1/4" Pipe
2503-20-16	1-1/4" JIC	1" Pipe
2503-20-20	1-1/4" JIC	1-1/4" Pipe
2503-20-24	1-1/4" JIC	1-1/2" Pipe
2503-24-24	1-1/2" JIC	1-1/2" Pipe
2503-32-32	2" JIC	2" Pipe



**JIC Branch Tee**

Part #	Male JIC	Male JIC	Male Pipe
2601-03-03-02	3/16" JIC	3/16" JIC	1/8" Pipe
2601-04-04-02	1/4" JIC	1/4" JIC	1/8" Pipe
2601-04-04-04	1/4" JIC	1/4" JIC	1/4" Pipe
2601-04-04-06	1/4" JIC	1/4" JIC	3/8" Pipe
2601-05-05-02	5/16" JIC	5/16" JIC	1/8" Pipe
2601-05-05-04	5/16" JIC	5/16" JIC	1/4" Pipe
2601-06-06-04	3/8" JIC	3/8" JIC	1/4" Pipe
2601-06-06-06	3/8" JIC	3/8" JIC	3/8" Pipe
2601-06-06-08	3/8" JIC	3/8" JIC	1/2" Pipe
2601-08-08-06	1/2" JIC	1/2" JIC	3/8" Pipe
2601-08-08-08	1/2" JIC	1/2" JIC	1/2" Pipe
2601-08-08-12	1/2" JIC	1/2" JIC	3/4" Pipe
2601-10-10-06	5/8" JIC	5/8" JIC	3/8" Pipe
2601-10-10-08	5/8" JIC	5/8" JIC	1/2" Pipe
2601-12-12-08	3/4" JIC	3/4" JIC	1/2" Pipe
2601-12-12-12	3/4" JIC	3/4" JIC	3/4" Pipe
2601-14-14-12	7/8" JIC	7/8" JIC	3/4" Pipe
2601-16-16-12	1" JIC	1" JIC	3/4" Pipe
2601-16-16-16	1" JIC	1" JIC	1" Pipe
2601-20-20-20	1-1/4" JIC	1-1/4" JIC	1-1/4" Pipe
2601-24-24-24	1-1/2" JIC	1-1/2" JIC	1-1/2" Pipe
2601-32-32-32	2" JIC	2" JIC	2" Pipe

## Adapters



### JIC Bulkhead Union

Part #	Male JIC	Male JIC
2700-03-03	3/16" JIC	3/16" JIC
2700-04-04	1/4" JIC	1/4" JIC
2700-05-05	5/16" JIC	5/16" JIC
2700-06-06	3/8" JIC	3/8" JIC
2700-08-08	1/2" JIC	1/2" JIC
2700-10-10	5/8" JIC	5/8" JIC
2700-12-12	3/4" JIC	3/4" JIC
2700-14-14	7/8" JIC	7/8" JIC
2700-16-16	1" JIC	1" JIC
2700-20-20	1-1/4" JIC	1-1/4" JIC
2700-24-24	1-1/2" JIC	1-1/2" JIC
2700-32-32	2" JIC	2" JIC



### JIC to Pipe Bulkhead

Part #	Male JIC	Male Pipe
2706-04-02	1/8" JIC	1/8" Pipe
2706-04-04	1/4" JIC	1/4" Pipe
2706-06-04	3/8" JIC	1/4" Pipe
2706-06-06	3/8" JIC	3/8" Pipe
2706-08-06	1/2" JIC	3/8" Pipe
2706-08-08	1/2" JIC	1/2" Pipe
2706-10-08	5/8" JIC	1/2" Pipe
2706-12-12	3/4" JIC	3/4" Pipe
2706-16-16	1" JIC	1" Pipe
2706-20-20	1-1/4" JIC	1-1/4" Pipe



### Pipe Bulkhead

Part #	Male Pipe	Male Pipe
2708-04-04	1/4" Pipe	1/4" Pipe
2708-06-06	3/8" Pipe	3/8" Pipe
2708-08-08	1/2" Pipe	1/2" Pipe
2708-12-12	3/4" Pipe	3/4" Pipe
2708-16-16	1" Pipe	1" Pipe



### JIC Cap

Part #	Female JIC
304-C-02	1/8" JIC
304-C-03	3/16" JIC
304-C-04	1/4" JIC
304-C-05	5/16" JIC
304-C-06	3/8" JIC
304-C-08	1/2" JIC
304-C-10	5/8" JIC
304-C-12	3/4" JIC
304-C-14	7/8" JIC
304-C-16	1" JIC
304-C-20	1-1/4" JIC
304-C-24	1-1/2" JIC
304-C-32	2" JIC

## Adapters



### Bulkhead JIC Lock Nut

Part #	Female JIC
306-02	1/8" JIC
306-03	3/16" JIC
306-04	1/4" JIC
306-05	5/16" JIC
306-06	3/8" JIC
306-08	1/2" JIC
306-10	5/8" JIC
306-12	3/4" JIC
306-14	7/8" JIC
306-16	1" JIC
306-20	1-1/4" JIC
306-24	1-1/2" JIC
306-32	2" JIC



### BSPP Swivel Cap

Part #	Female BSPP
3406-02	1/8" BSPP
3406-04	1/4" BSPP
3406-06	3/8" BSPP
3406-08	1/2" BSPP
3406-10	5/8" BSPP
3406-12	3/4" BSPP
3406-16	1" BSPP
3406-20	1-1/4" BSPP
3406-24	1-1/2" BSPP
3406-32	2" BSPP



### BSPP Plug

Part #	Male BSPP
3408-02	1/8" BSPP
3408-04	1/4" BSPP
3408-06	3/8" BSPP
3408-08	1/2" BSPP
3408-10	5/8" BSPP
3408-12	3/4" BSPP
3408-16	1" BSPP
3408-20	1-1/4" BSPP
3408-24	1-1/2" BSPP
3408-32	2" BSPP

## Adapters



**JIC to BSPP Male Connector**

Part #	Male JIC	Male BSPP
3800-04-02	1/4" JIC	1/8" BSPP
3800-04-04	1/4" JIC	1/4" BSPP
3800-04-06	1/4" JIC	3/8" BSPP
3800-04-08	1/4" JIC	1/2" BSPP
3800-05-02	5/16" JIC	1/8" BSPP
3800-05-04	5/16" JIC	1/4" BSPP
3800-05-06	5/16" JIC	3/8" BSPP
3800-06-04	3/8" JIC	1/4" BSPP
3800-06-06	3/8" JIC	3/8" BSPP
3800-06-08	3/8" JIC	1/2" BSPP
3800-08-04	1/2" JIC	1/4" BSPP
3800-08-06	1/2" JIC	3/8" BSPP
3800-08-08	1/2" JIC	1/2" BSPP
3800-08-12	1/2" JIC	3/4" BSPP
3800-10-06	5/8" JIC	3/8" BSPP
3800-10-08	5/8" JIC	1/2" BSPP
3800-10-12	5/8" JIC	3/4" BSPP
3800-12-08	3/4" JIC	1/2" BSPP
3800-12-10	3/4" JIC	5/8" BSPP
3800-12-12	3/4" JIC	3/4" BSPP
3800-12-16	3/4" JIC	1" BSPP
3800-14-12	7/8" JIC	3/4" BSPP
3800-16-12	1" JIC	3/4" BSPP
3800-16-16	1" JIC	1" BSPP
3800-16-20	1" JIC	1-1/4" BSPP
3800-20-16	1-1/4" JIC	1" BSPP
3800-20-20	1-1/4" JIC	1-1/4" BSPP
3800-20-24	1-1/4" JIC	1-1/2" BSPP
3800-24-20	1-1/2" JIC	1-1/4" BSPP
3800-24-24	1-1/2" JIC	1-1/2" BSPP



**JIC to BSPP Male 90° Connector**

Part #	Male JIC	Male BSPP
3801-04-02	1/4" JIC	1/8" BSPP
3801-04-04	1/4" JIC	1/4" BSPP
3801-04-06	1/4" JIC	3/8" BSPP
3801-05-02	5/16" JIC	1/8" BSPP
3801-05-04	5/16" JIC	1/4" BSPP
3801-05-06	5/16" JIC	3/8" BSPP
3801-06-04	3/8" JIC	1/4" BSPP
3801-06-06	3/8" JIC	3/8" BSPP
3801-06-08	3/8" JIC	1/2" BSPP
3801-08-04	1/2" JIC	1/4" BSPP
3801-08-06	1/2" JIC	3/8" BSPP
3801-08-08	1/2" JIC	1/2" BSPP
3801-08-12	1/2" JIC	3/4" BSPP
3801-10-06	5/8" JIC	3/8" BSPP
3801-10-08	5/8" JIC	1/2" BSPP
3801-10-12	5/8" JIC	3/4" BSPP
3801-12-08	3/4" JIC	1/2" BSPP
3801-12-12	3/4" JIC	3/4" BSPP
3801-12-16	3/4" JIC	1" BSPP
3801-16-12	1" JIC	3/4" BSPP
3801-16-16	1" JIC	1" BSPP
3801-16-20	1" JIC	1-1/4" BSPP
3801-20-16	1-1/4" JIC	1" BSPP
3801-20-20	1-1/4" JIC	1-1/4" BSPP
3801-24-24	1-1/2" JIC	1-1/2" BSPP



## Adapters



### JIC to BSPP Male 45° Connector

Part #	Male JIC	Male BSPP
3802-04-02	1/4" JIC	1/8" BSPP
3802-04-04	1/4" JIC	1/4" BSPP
3802-06-04	3/8" JIC	1/4" BSPP
3802-06-06	3/8" JIC	3/8" BSPP
3802-08-06	1/2" JIC	3/8" BSPP
3802-08-08	1/2" JIC	1/2" BSPP
3802-10-08	5/8" JIC	1/2" BSPP
3802-12-08	3/4" JIC	1/2" BSPP
3802-12-12	3/4" JIC	3/4" BSPP
3802-16-16	1" JIC	1" BSPP
3802-20-20	1-1/4" JIC	1-1/4" BSPP



### Pipe to BSPP Female Connector

Part #	Male Pipe	Female BSPP
3826-02-02	1/8" Pipe	1/8" BSPP
3826-04-02	1/4" Pipe	1/8" BSPP
3826-04-04	1/4" Pipe	1/4" BSPP
3826-04-06	1/4" Pipe	3/8" BSPP
3826-06-04	3/8" Pipe	1/4" BSPP
3826-06-06	3/8" Pipe	3/8" BSPP
3826-08-04	1/2" Pipe	1/4" BSPP
3826-08-06	1/2" Pipe	3/8" BSPP
3826-08-08	1/2" Pipe	1/2" BSPP
3826-12-06	3/4" Pipe	3/8" BSPP
3826-12-08	3/4" Pipe	1/2" BSPP
3826-12-12	3/4" Pipe	3/4" BSPP
3826-16-06	1" Pipe	3/8" BSPP
3826-16-08	1" Pipe	1/2" BSPP
3826-16-12	1" Pipe	3/4" BSPP
3826-16-16	1" Pipe	1" BSPP
3826-20-08	1-1/4" Pipe	1/2" BSPP
3826-20-20	1-1/4" Pipe	1-1/4" BSPP
3826-24-20	1-1/2" Pipe	1-1/4" BSPP
3826-24-24	1-1/2" Pipe	1-1/2" BSPP
3826-32-16	2" Pipe	1" BSPP
3826-32-20	2" Pipe	1-1/4" BSPP
3826-32-32	2" Pipe	2" BSPP

### BSPP to Pipe Male Connector

Part #	Male BSPP	Male Pipe
3825-02-02	1/8" BSPP	1/8" Pipe
3825-02-04	1/8" BSPP	1/4" Pipe
3825-04-02	1/4" BSPP	1/8" Pipe
3825-04-04	1/4" BSPP	1/4" Pipe
3825-04-06	1/4" BSPP	3/8" Pipe
3825-04-08	1/4" BSPP	1/2" Pipe
3825-06-02	3/8" BSPP	1/8" Pipe
3825-06-04	3/8" BSPP	1/4" Pipe
3825-06-06	3/8" BSPP	3/8" Pipe
3825-06-08	3/8" BSPP	1/2" Pipe
3825-06-12	3/8" BSPP	3/4" Pipe
3825-06-16	3/8" BSPP	1" Pipe
3825-08-04	1/2" BSPP	1/4" Pipe
3825-08-06	1/2" BSPP	3/8" Pipe
3825-08-08	1/2" BSPP	1/2" Pipe
3825-08-12	1/2" BSPP	3/4" Pipe
3825-08-16	1/2" BSPP	1" Pipe
3825-10-08	5/8" BSPP	1/2" Pipe
3825-10-12	5/8" BSPP	3/4" Pipe
3825-12-04	3/4" BSPP	1/4" Pipe
3825-12-06	3/4" BSPP	3/8" Pipe
3825-12-08	3/4" BSPP	1/2" Pipe
3825-12-12	3/4" BSPP	3/4" Pipe
3825-12-16	3/4" BSPP	1" Pipe
3825-12-20	3/4" BSPP	1-1/4" Pipe
3825-16-08	1" BSPP	1/2" Pipe
3825-16-12	1" BSPP	3/4" Pipe
3825-16-16	1" BSPP	1" Pipe
3825-16-20	1" BSPP	1-1/4" Pipe
3825-16-24	1" BSPP	1-1/2" Pipe
3825-20-16	1-1/4" BSPP	1" Pipe
3825-20-20	1-1/4" BSPP	1-1/4" Pipe
3825-20-24	1-1/4" BSPP	1-1/2" Pipe
3825-24-12	1-1/2" BSPP	3/4" Pipe
3825-24-16	1-1/2" BSPP	1" Pipe
3825-24-20	1-1/2" BSPP	1-1/4" Pipe
3825-24-24	1-1/2" BSPP	1-1/2" Pipe
3825-24-32	1-1/2" BSPP	2" Pipe
3825-32-20	2" BSPP	1-1/4" Pipe
3825-32-24	2" BSPP	1-1/2" Pipe
3825-32-32	2" BSPP	2" Pipe
3825-32-40	2" BSPP	2-1/2" Pipe
3825-32-48	2" BSPP	3" Pipe

## Adapters



**Pipe Coupler**

Part #	Female Pipe	Female Pipe
5000-02-02	1/8" Pipe	1/8" Pipe
5000-04-02	1/4" Pipe	1/8" Pipe
5000-04-04	1/4" Pipe	1/4" Pipe
5000-06-02	3/8" Pipe	1/8" Pipe
5000-06-04	3/8" Pipe	1/4" Pipe
5000-06-06	3/8" Pipe	3/8" Pipe
5000-08-04	1/2" Pipe	1/4" Pipe
5000-08-06	1/2" Pipe	3/8" Pipe
5000-08-08	1/2" Pipe	1/2" Pipe
5000-12-04	3/4" Pipe	1/4" Pipe
5000-12-06	3/4" Pipe	3/8" Pipe
5000-12-08	3/4" Pipe	1/2" Pipe
5000-12-12	3/4" Pipe	3/4" Pipe
5000-16-08	1" Pipe	1/2" Pipe
5000-16-12	1" Pipe	3/4" Pipe
5000-16-16	1" Pipe	1" Pipe
5000-20-12	1-1/4" Pipe	3/4" Pipe
5000-20-16	1-1/4" Pipe	1" Pipe
5000-20-20	1-1/4" Pipe	1-1/4" Pipe
5000-24-24	1-1/2" Pipe	1-1/2" Pipe
5000-32-32	2" Pipe	2" Pipe



**Pipe Hex Nipple**

Part #	Male Pipe	Male Pipe
5404-02-02	1/8" Pipe	1/8" Pipe
5404-04-02	1/4" Pipe	1/8" Pipe
5404-04-04	1/4" Pipe	1/4" Pipe
5404-06-02	3/8" Pipe	1/8" Pipe
5404-06-04	3/8" Pipe	1/4" Pipe
5404-06-06	3/8" Pipe	3/8" Pipe
5404-08-04	1/2" Pipe	1/4" Pipe
5404-08-06	1/2" Pipe	3/8" Pipe
5404-08-08	1/2" Pipe	1/2" Pipe
5404-12-04	3/4" Pipe	1/4" Pipe
5404-12-06	3/4" Pipe	3/8" Pipe
5404-12-08	3/4" Pipe	1/2" Pipe
5404-12-12	3/4" Pipe	3/4" Pipe
5404-16-06	1" Pipe	3/8" Pipe
5404-16-08	1" Pipe	1/2" Pipe
5404-16-12	1" Pipe	3/4" Pipe
5404-16-16	1" Pipe	1" Pipe
5404-20-12	1-1/4" Pipe	3/4" Pipe
5404-20-16	1-1/4" Pipe	1" Pipe
5404-20-20	1-1/4" Pipe	1-1/4" Pipe
5404-24-12	1-1/2" Pipe	3/4" Pipe
5404-24-16	1-1/2" Pipe	1" Pipe
5404-24-20	1-1/2" Pipe	1-1/4" Pipe
5404-24-24	1-1/2" Pipe	1-1/2" Pipe
5404-32-20	2" Pipe	1-1/4" Pipe
5404-32-24	2" Pipe	1-1/2" Pipe
5404-32-32	2" Pipe	2" Pipe

## Adapters



**Pipe Expander**

Part #	Male Pipe	Female Pipe
5405-01-02	1/16" Pipe	1/8" Pipe
5405-02-02	1/8" Pipe	1/8" Pipe
5405-02-04	1/8" Pipe	1/4" Pipe
5405-02-06	1/8" Pipe	3/8" Pipe
5405-02-08	1/8" Pipe	1/2" Pipe
5405-04-04	1/4" Pipe	1/4" Pipe
5405-04-06	1/4" Pipe	3/8" Pipe
5405-04-08	1/4" Pipe	1/2" Pipe
5405-04-12	1/4" Pipe	3/4" Pipe
5405-06-06	3/8" Pipe	3/8" Pipe
5405-06-08	3/8" Pipe	1/2" Pipe
5405-06-12	3/8" Pipe	3/4" Pipe
5405-08-06	1/2" Pipe	3/8" Pipe
5405-08-08	1/2" Pipe	1/2" Pipe
5405-08-12	1/2" Pipe	3/4" Pipe
5405-08-16	1/2" Pipe	1" Pipe
5405-12-08	3/4" Pipe	1/2" Pipe
5405-12-12	3/4" Pipe	3/4" Pipe
5405-12-16	3/4" Pipe	1" Pipe
5405-12-20	3/4" Pipe	1-1/4" Pipe
5405-16-16	1" Pipe	1" Pipe
5405-16-20	1" Pipe	1-1/4" Pipe
5405-16-24	1" Pipe	1-1/2" Pipe
5405-20-20	1-1/4" Pipe	1-1/4" Pipe
5405-20-24	1-1/4" Pipe	1-1/2" Pipe
5405-24-24	1-1/2" Pipe	1-1/2" Pipe
5405-24-32	1-1/2" Pipe	2" Pipe



**Hex Bushing**

Part #	Male Pipe	Female Pipe
5406-02-01	1/8" Pipe	1/16" Pipe
5406-04-02	1/4" Pipe	1/8" Pipe
5406-06-02	3/8" Pipe	1/8" Pipe
5406-06-04	3/8" Pipe	1/4" Pipe
5406-08-02	1/2" Pipe	1/8" Pipe
5406-08-04	1/2" Pipe	1/4" Pipe
5406-08-06	1/2" Pipe	3/8" Pipe
5406-12-02	3/4" Pipe	1/8" Pipe
5406-12-04	3/4" Pipe	1/4" Pipe
5406-12-06	3/4" Pipe	3/8" Pipe
5406-12-08	3/4" Pipe	1/2" Pipe
5406-16-02	1" Pipe	1/8" Pipe
5406-16-04	1" Pipe	1/4" Pipe
5406-16-06	1" Pipe	3/8" Pipe
5406-16-08	1" Pipe	1/2" Pipe
5406-16-12	1" Pipe	3/4" Pipe
5406-20-04	1-1/4" Pipe	1/4" Pipe
5406-20-06	1-1/4" Pipe	3/8" Pipe
5406-20-08	1-1/4" Pipe	1/2" Pipe
5406-20-12	1-1/4" Pipe	3/4" Pipe
5406-20-16	1-1/4" Pipe	1" Pipe
5406-24-04	1-1/2" Pipe	1/4" Pipe
5406-24-06	1-1/2" Pipe	3/8" Pipe
5406-24-08	1-1/2" Pipe	1/2" Pipe
5406-24-12	1-1/2" Pipe	3/4" Pipe
5406-24-16	1-1/2" Pipe	1" Pipe
5406-24-20	1-1/2" Pipe	1-1/4" Pipe
5406-32-08	2" Pipe	1/2" Pipe
5406-32-12	2" Pipe	3/4" Pipe
5406-32-16	2" Pipe	1" Pipe
5406-32-20	2" Pipe	1-1/4" Pipe
5406-32-24	2" Pipe	1-1/2" Pipe

## Adapters



**Pipe Cap**

Part #	Female Pipe
5406-CAP-02	1/8" Pipe
5406-CAP-04	1/4" Pipe
5406-CAP-06	3/8" Pipe
5406-CAP-08	1/2" Pipe
5406-CAP-12	3/4" Pipe
5406-CAP-16	1" Pipe
5406-CAP-20	1-1/4" Pipe
5406-CAP-24	1-1/2" Pipe



**Pipe Elbow**

Part #	Male Pipe	Female Pipe
5500-02-02	1/8" Pipe	1/8" Pipe
5500-04-02	1/4" Pipe	1/8" Pipe
5500-04-04	1/4" Pipe	1/4" Pipe
5500-06-04	3/8" Pipe	1/4" Pipe
5500-06-06	3/8" Pipe	3/8" Pipe
5500-08-04	1/2" Pipe	1/4" Pipe
5500-08-06	1/2" Pipe	3/8" Pipe
5500-08-08	1/2" Pipe	1/2" Pipe
5500-12-06	3/4" Pipe	3/8" Pipe
5500-12-08	3/4" Pipe	1/2" Pipe
5500-12-12	3/4" Pipe	3/4" Pipe
5500-16-08	1" Pipe	1/2" Pipe
5500-16-12	1" Pipe	3/4" Pipe
5500-16-16	1" Pipe	1" Pipe
5500-20-16	1-1/4" Pipe	1" Pipe
5500-20-20	1-1/4" Pipe	1-1/4" Pipe
5500-24-24	1-1/2" Pipe	1-1/2" Pipe
5500-32-32	2" Pipe	2" Pipe



**90° Steel Elbow**

Part #	Male Pipe	Female Pipe
5502-02-02	1/8" Pipe	1/8" Pipe
5502-02-04	1/8" Pipe	1/4" Pipe
5502-04-02	1/4" Pipe	1/8" Pipe
5502-04-04	1/4" Pipe	1/4" Pipe
5502-04-06	1/4" Pipe	3/8" Pipe
5502-04-08	1/4" Pipe	1/2" Pipe
5502-06-02	3/8" Pipe	1/8" Pipe
5502-06-04	3/8" Pipe	1/4" Pipe
5502-06-06	3/8" Pipe	3/8" Pipe
5502-06-08	3/8" Pipe	1/2" Pipe
5502-08-04	1/2" Pipe	1/4" Pipe
5502-08-06	1/2" Pipe	3/8" Pipe
5502-08-08	1/2" Pipe	1/2" Pipe
5502-08-12	1/2" Pipe	3/4" Pipe
5502-12-08	3/4" Pipe	1/2" Pipe
5502-12-12	3/4" Pipe	3/4" Pipe
5502-12-16	3/4" Pipe	1" Pipe
5502-16-12	1" Pipe	3/4" Pipe
5502-16-16	1" Pipe	1" Pipe
5502-16-20	1" Pipe	1-1/4" Pipe
5502-20-16	1-1/4" Pipe	1" Pipe
5502-20-20	1-1/4" Pipe	1-1/4" Pipe
5502-24-20	1-1/2" Pipe	1-1/4" Pipe
5502-24-24	1-1/2" Pipe	1-1/2" Pipe
5502-32-32	2" Pipe	2" Pipe



**45° Steel Elbow**

Part #	Male Pipe	Female Pipe
5503-02-02	1/8" Pipe	1/8" Pipe
5503-04-04	1/4" Pipe	1/4" Pipe
5503-06-06	3/8" Pipe	3/8" Pipe
5503-08-08	1/2" Pipe	1/2" Pipe
5503-12-12	3/4" Pipe	3/4" Pipe
5503-16-16	1" Pipe	1" Pipe
5503-20-20	1-1/4" Pipe	1-1/4" Pipe
5503-24-24	1-1/2" Pipe	1-1/2" Pipe
5503-32-32	2" Pipe	2" Pipe



## Adapters



### 90° Female Elbow

Part #	Female Pipe	Female Pipe
5504-02-02	1/8" Pipe	1/8" Pipe
5504-04-02	1/4" Pipe	1/8" Pipe
5504-04-04	1/4" Pipe	1/4" Pipe
5504-06-04	3/8" Pipe	1/4" Pipe
5504-06-06	3/8" Pipe	3/8" Pipe
5504-08-04	1/2" Pipe	1/4" Pipe
5504-08-06	1/2" Pipe	3/8" Pipe
5504-08-08	1/2" Pipe	1/2" Pipe
5504-12-08	3/4" Pipe	1/2" Pipe
5504-12-12	3/4" Pipe	3/4" Pipe
5504-16-12	1" Pipe	3/4" Pipe
5504-16-16	1" Pipe	1" Pipe
5504-20-20	1-1/4" Pipe	1-1/4" Pipe
5504-24-24	1-1/2" Pipe	1-1/2" Pipe
5504-32-32	2" Pipe	2" Pipe



### 45° Female Elbow

Part #	Female Pipe	Female Pipe
5505-02-02	1/8" Pipe	1/8" Pipe
5505-04-04	1/4" Pipe	1/4" Pipe
5505-06-06	3/8" Pipe	3/8" Pipe
5505-08-08	1/2" Pipe	1/2" Pipe
5505-12-12	3/4" Pipe	3/4" Pipe
5505-16-16	1" Pipe	1" Pipe
5505-20-20	1-1/4" Pipe	1-1/4" Pipe
5505-24-24	1-1/2" Pipe	1-1/2" Pipe



### Street Pipe Tee

Part #	Male Pie	Female Pipe	Female Pipe
5602-02-02-02	1/8" Pipe	1/8" Pipe	1/8" Pipe
5602-04-04-04	1/4" Pipe	1/4" Pipe	1/4" Pipe
5602-06-06-06	3/8" Pipe	3/8" Pipe	3/8" Pipe
5602-08-08-08	1/2" Pipe	1/2" Pipe	1/2" Pipe
5602-12-12-12	3/4" Pipe	3/4" Pipe	3/4" Pipe
5602-16-16-16	1" Pipe	1" Pipe	1" Pipe
5602-20-20-20	1-1/4" Pipe	1-1/4" Pipe	1-1/4" Pipe
5602-24-24-24	1-1/2" Pipe	1-1/2" Pipe	1-1/2" Pipe
5602-32-32-32	2" Pipe	2" Pipe	2" Pipe



### Branch Pipe Tee

Part #	Female Pipe	Female Pipe	Male Pipe
5604-02-02-02	1/8" Pipe	1/8" Pipe	1/8" Pipe
5604-04-04-04	1/4" Pipe	1/4" Pipe	1/4" Pipe
5604-06-06-06	3/8" Pipe	3/8" Pipe	3/8" Pipe
5604-08-08-08	1/2" Pipe	1/2" Pipe	1/2" Pipe
5604-12-12-12	3/4" Pipe	3/4" Pipe	3/4" Pipe
5604-16-16-16	1" Pipe	1" Pipe	1" Pipe
5604-20-20-20	1-1/4" Pipe	1-1/4" Pipe	1-1/4" Pipe
5604-24-24-24	1-1/2" Pipe	1-1/2" Pipe	1-1/2" Pipe
5604-32-32-32	2" Pipe	2" Pipe	2" Pipe



### Pipe Tee

Part #	Female Pipe	Female Pipe	Female Pipe
5605-02-02-02	1/8" Pipe	1/8" Pipe	1/8" Pipe
5605-04-04-04	1/4" Pipe	1/4" Pipe	1/4" Pipe
5605-06-06-06	3/8" Pipe	3/8" Pipe	3/8" Pipe
5605-08-08-08	1/2" Pipe	1/2" Pipe	1/2" Pipe
5605-12-12-08	3/4" Pipe	3/4" Pipe	1/2" Pipe
5605-12-12-12	3/4" Pipe	3/4" Pipe	3/4" Pipe
5605-16-16-16	1" Pipe	1" Pipe	1" Pipe
5605-20-20-20	1-1/4" Pipe	1-1/4" Pipe	1-1/4" Pipe
5605-24-24-24	1-1/2" Pipe	1-1/2" Pipe	1-1/2" Pipe
5605-32-32-32	2" Pipe	2" Pipe	2" Pipe

## Adapters



### JIC to Oring

Part #	Male JIC	Male Oring
6400-02-02	1/8" JIC	1/8" Boss
6400-03-03	3/8" JIC	3/16" Boss
6400-04-02	1/4" JIC	1/8" Boss
6400-04-03	1/4" JIC	3/16" Boss
6400-04-04	1/4" JIC	1/4" Boss
6400-04-05	1/4" JIC	5/16" Boss
6400-04-06	1/4" JIC	3/8" Boss
6400-04-08	1/4" JIC	1/2" Boss
6400-04-10	1/4" JIC	5/8" Boss
6400-04-12	1/4" JIC	3/4" Boss
6400-05-04	5/16" JIC	1/4" Boss
6400-05-05	5/16" JIC	5/16" Boss
6400-05-06	5/16" JIC	3/8" Boss
6400-06-04	3/8" JIC	1/4" Boss
6400-06-05	3/8" JIC	5/16" Boss
6400-06-06	3/8" JIC	3/8" Boss
6400-06-08	3/8" JIC	1/2" Boss
6400-06-10	3/8" JIC	5/8" Boss
6400-06-12	3/8" JIC	3/4" Boss
6400-06-16	3/8" JIC	1" Boss
6400-08-04	1/2" JIC	1/4" Boss
6400-08-05	1/2" JIC	5/16" Boss
6400-08-06	1/2" JIC	3/8" Boss
6400-08-08	1/2" JIC	1/2" Boss
6400-08-10	1/2" JIC	5/8" Boss
6400-08-12	1/2" JIC	3/4" Boss
6400-08-16	1/2" JIC	1" Boss
6400-10-04	5/8" JIC	1/4" Boss
6400-10-06	5/8" JIC	3/8" Boss
6400-10-08	5/8" JIC	1/2" Boss
6400-10-10	5/8" JIC	5/8" Boss

### JIC to Oring

Part #	Male JIC	Male Oring
6400-10-12	5/8" JIC	3/4" Boss
6400-10-14	5/8" JIC	7/8" Boss
6400-10-16	5/8" JIC	1" Boss
6400-12-04	3/4" JIC	1/4" Boss
6400-12-06	3/4" JIC	3/8" Boss
6400-12-08	3/4" JIC	1/2" Boss
6400-12-10	3/4" JIC	5/8" Boss
6400-12-12	3/4" JIC	3/4" Boss
6400-12-14	3/4" JIC	7/8" Boss
6400-12-16	3/4" JIC	1" Boss
6400-12-20	3/4" JIC	1-1/4" Boss
6400-12-24	3/4" JIC	1-1/2" Boss
6400-14-10	7/8" JIC	5/8" Boss
6400-14-12	7/8" JIC	3/4" Boss
6400-14-14	7/8" JIC	7/8" Boss
6400-16-10	1" JIC	5/8" Boss
6400-16-12	1" JIC	3/4" Boss
6400-16-16	1" JIC	1" Boss
6400-16-20	1" JIC	1-1/4" Boss
6400-16-24	1" JIC	1-1/2" Boss
6400-20-12	1-1/4" JIC	3/4" Boss
6400-20-16	1-1/4" JIC	1" Boss
6400-20-20	1-1/4" JIC	1-1/4" Boss
6400-20-24	1-1/4" JIC	1-1/2" Boss
6400-24-16	1-1/2" JIC	1" Boss
6400-24-20	1-1/2" JIC	1-1/4" Boss
6400-24-24	1-1/2" JIC	1-1/2" Boss
6400-24-32	1-1/2" JIC	2" Boss
6400-32-20	2" JIC	1-1/4" Boss
6400-32-24	2" JIC	1-1/2" Boss
6400-32-32	2" JIC	2" Boss



## Adapters



### Oring to Pipe

Part #	Male Oring	Male Pipe
6401-04-02	1/4" Boss	1/8" M Pipe
6401-04-04	1/4" Boss	1/4" M Pipe
6401-06-04	3/8" Boss	1/4" M Pipe
6401-06-06	3/8" Boss	3/8" M Pipe
6401-06-08	3/8" Boss	1/2" M Pipe
6401-08-04	1/2" Boss	1/4" M Pipe
6401-08-06	1/2" Boss	3/8" M Pipe
6401-08-08	1/2" Boss	1/2" M Pipe
6401-08-12	1/2" Boss	3/4" M Pipe
6401-10-06	5/8" Boss	3/8" M Pipe
6401-10-08	5/8" Boss	1/2" M Pipe
6401-10-12	5/8" Boss	3/4" M Pipe
6401-12-08	3/4" Boss	1/2" M Pipe
6401-12-12	3/4" Boss	3/4" M Pipe
6401-12-16	3/4" Boss	1" M Pipe
6401-16-12	1" Boss	3/4" M Pipe
6401-16-16	1" Boss	1" M Pipe
6401-16-20	1" Boss	1 1/4" M Pipe
6401-20-20	1-1/4" Boss	1 1/4" M Pipe
6401-24-20	1-1/2" Boss	1 1/4" M Pipe
6401-24-24	1-1/2" Boss	1 1/2" M Pipe
6401-32-32	2" Boss	2" M Pipe

### Oring Hex Plug

Part #	Male Oring
6408-02	1/8" Boss
6408-03	3/16" Boss
6408-04	1/4" Boss
6408-05	5/16" Boss
6408-06	3/8" Boss
6408-08	1/2" Boss
6408-10	5/8" Boss
6408-12	3/4" Boss
6408-16	1" Boss
6408-20	1-1/4" Boss
6408-24	1-1/2" Boss
6408-32	2" Boss



### JIC Swivel 90° Elbow

Part #	Male JIC	Female JIC Swivel
6500-02-02	1/8" JIC	1/8" JIC
6500-03-03	3/16" JIC	3/16" JIC
6500-04-04	1/4" JIC	1/4" JIC
6500-04-06	1/4" JIC	3/8" JIC
6500-05-05	5/16" JIC	5/16" JIC
6500-06-04	3/8" JIC	1/4" JIC
6500-06-06	3/8" JIC	3/8" JIC
6500-06-08	3/8" JIC	1/2" JIC
6500-08-06	1/2" JIC	3/8" JIC
6500-08-08	1/2" JIC	1/2" JIC
6500-08-10	1/2" JIC	5/8" JIC
6500-08-12	1/2" JIC	3/4" JIC
6500-10-08	5/8" JIC	1/2" JIC
6500-10-10	5/8" JIC	5/8" JIC
6500-10-12	5/8" JIC	3/4" JIC
6500-12-10	3/4" JIC	5/8" JIC
6500-12-12	3/4" JIC	3/4" JIC
6500-12-16	3/4" JIC	1" JIC
6500-16-16	1" JIC	1" JIC
6500-20-20	1-1/4" JIC	1-1/4" JIC
6500-24-24	1-1/2" JIC	1-1/2" JIC
6500-32-32	2" JIC	2" JIC



### Oring Union

Part #	Male Oring	Male Oring
6403-04-04	1/4" Boss	1/4" Boss
6403-06-04	3/8" Boss	1/4" Boss
6403-06-06	3/8" Boss	3/8" Boss
6403-08-08	1/2" Boss	1/2" Boss
6403-10-08	5/8" Boss	1/2" Boss
6403-10-10	5/8" Boss	5/8" Boss
6403-12-08	3/4" Boss	1/2" Boss
6403-12-10	3/4" Boss	5/8" Boss
6403-12-12	3/4" Boss	3/4" Boss
6403-16-12	1" Boss	3/4" Boss
6403-16-16	1" Boss	1" Boss
6403-20-16	1-1/4" Boss	1" Boss
6403-20-20	1-1/4" Boss	1-1/4" Boss
6403-32-32	2" Boss	2" Boss

## Adapters



### Oring to Female Pipe

Part #	Male Oring	Female Pipe
6405-02-02	1/8" Boss	1/8" Pipe
6405-02-04	1/8" Boss	1/4" Pipe
6405-03-02	3/16" Boss	1/8" Pipe
6405-03-04	3/16" Boss	1/4" Pipe
6405-04-02	1/4" Boss	1/8" Pipe
6405-04-04	1/4" Boss	1/4" Pipe
6405-04-06	1/4" Boss	3/8" Pipe
6405-05-02	5/16" Boss	1/8" Pipe
6405-05-04	5/16" Boss	1/4" Pipe
6405-06-02	3/8" Boss	1/8" Pipe
6405-06-04	3/8" Boss	1/4" Pipe
6405-06-06	3/8" Boss	3/8" Pipe
6405-06-08	3/8" Boss	1/2" Pipe
6405-06-12	3/8" Boss	3/4" Pipe
6405-08-02	1/2" Boss	1/8" Pipe
6405-08-04	1/2" Boss	1/4" Pipe
6405-08-06	1/2" Boss	3/8" Pipe
6405-08-08	1/2" Boss	1/2" Pipe
6405-08-12	1/2" Boss	3/4" Pipe
6405-10-04	5/8" Boss	1/4" Pipe
6405-10-06	5/8" Boss	3/8" Pipe
6405-10-08	5/8" Boss	1/2" Pipe
6405-10-12	5/8" Boss	3/4" Pipe

### Oring to Female Pipe

Part #	Male Oring	Female Pipe
6405-12-04	3/4" Boss	1/4" Pipe
6405-12-06	3/4" Boss	3/8" Pipe
6405-12-08	3/4" Boss	1/2" Pipe
6405-12-12	3/4" Boss	3/4" Pipe
6405-12-16	3/4" Boss	1" Pipe
6405-14-08	7/8" Boss	1/2" Pipe
6405-14-12	7/8" Boss	3/4" Pipe
6405-16-04	1" Boss	1/4" Pipe
6405-16-08	1" Boss	1/2" Pipe
6405-16-12	1" Boss	3/4" Pipe
6405-16-16	1" Boss	1" Pipe
6405-16-20	1" Boss	1-1/4" Pipe
6405-20-08	1-1/4" Boss	1/2" Pipe
6405-20-12	1-1/4" Boss	3/4" Pipe
6405-20-16	1-1/4" Boss	1" Pipe
6405-20-20	1-1/4" Boss	1-1/4" Pipe
6405-20-24	1-1/4" Boss	1-1/2" Pipe
6405-24-16	1-1/2" Boss	1" Pipe
6405-24-20	1-1/2" Boss	1-1/4" Pipe
6405-24-24	1-1/2" Boss	1-1/2" Pipe
6405-32-20	2" Boss	1-1/4" Pipe
6405-32-24	2" Boss	1-1/2" Pipe
6405-32-32	2" Boss	2" Pipe

## Adapters



**JIC Swivel to Pipe**

Part #	Female JIC Swivel	Male Pipe
6505-02-04	1/8" F JIC	1/4" M Pipe
6505-04-02	1/4" F JIC	1/8" M Pipe
6505-04-04	1/4" F JIC	1/4" M Pipe
6505-04-06	1/4" F JIC	3/8" M Pipe
6505-05-02	5/16" F JIC	1/8" M Pipe
6505-05-04	5/16" F JIC	1/4" M Pipe
6505-06-04	3/8" F JIC	1/4" M Pipe
6505-06-06	3/8" F JIC	3/8" M Pipe
6505-06-08	3/8" F JIC	1/2" M Pipe
6505-08-06	1/2" F JIC	3/8" M Pipe
6505-08-08	1/2" F JIC	1/2" M Pipe
6505-10-06	5/8" F JIC	3/8" M Pipe
6505-10-08	5/8" F JIC	1/2" M Pipe
6505-10-12	5/8" F JIC	3/4" M Pipe
6505-12-08	3/4" F JIC	1/2" M Pipe
6505-12-12	3/4" F JIC	3/4" M Pipe
6505-16-12	1" F JIC	3/4" M Pipe
6505-16-16	1" F JIC	1" M Pipe
6505-20-20	1-1/4" F JIC	1-1/4" M Pipe
6505-24-24	1-1/2" F JIC	1-1/2" M Pipe
6505-32-32	2" F JIC	2" M Pipe



**JIC Swivel Branch Tee**

Part #	Male JIC	Male JIC	Female JIC Swivel
6600-03-03-03	3/16" M JIC	3/16" M JIC	3/16" F JIC
6600-04-04-04	1/4" M JIC	1/4" M JIC	1/4" F JIC
6600-05-05-05	5/16" M JIC	5/16" M JIC	5/16" F JIC
6600-06-06-06	3/8" M JIC	3/8" M JIC	3/8" F JIC
6600-06-06-08	3/8" M JIC	3/8" M JIC	1/2" F JIC
6600-08-08-08	1/2" M JIC	1/2" M JIC	1/2" F JIC
6600-10-10-10	5/8" M JIC	5/8" M JIC	5/8" F JIC
6600-12-12-12	3/4" M JIC	3/4" M JIC	3/4" F JIC
6600-14-14-14	7/8" M JIC	7/8" M JIC	7/8" F JIC
6600-16-16-16	1" M JIC	1" M JIC	1" F JIC
6600-20-20-20	1-1/4" M JIC	1-1/4" M JIC	1-1/4" F JIC
6600-24-24-24	1-1/2" M JIC	1-1/2" M JIC	1-1/2" F JIC
6600-32-32-32	2" M JIC	2" M JIC	2" F JIC



**JIC Swivel Run Tee**

Part #	Male JIC	Female JIC Swivel	Male JIC
6602-03-03-03	3/8"-24 M JIC	3/8"-24 F JIC	3/8"-24 M JIC
6602-04-04-04	7/16"-20 M JIC	7/16"-20 F JIC	7/16"-20 M JIC
6602-05-05-05	1/2"-20 M JIC	1/2"-20 F JIC	1/2"-20 M JIC
6602-06-06-06	9/16"-18 M JIC	9/16"-18 F JIC	9/16"-18 M JIC
6602-08-08-08	3/4"-16 M JIC	3/4"-16 F JIC	3/4"-16 M JIC
6602-10-10-10	7/8"-14 M JIC	7/8"-14 F JIC	7/8"-14 M JIC
6602-12-12-08	1 1/16"-12 M JIC	1 1/16"-12 F JIC	3/4"-16 M JIC
6602-12-12-12	1 1/16"-12 M JIC	1 1/16"-12 F JIC	1 1/16"-12 M JIC
6602-14-14-14	1 3/16"-12 M JIC	1 3/16"-12 F JIC	1 3/16"-12 M JIC
6602-16-16-08	1 5/16"-12 M JIC	1 5/16"-12 F JIC	3/4"-16 M JIC
6602-16-16-16	1 5/16"-12 M JIC	1 5/16"-12 F JIC	1 5/16"-12 M JIC
6602-20-20-20	1 5/8"-12 M JIC	1 5/8"-12 F JIC	1 5/8"-12 M JIC
6602-24-24-24	1 7/8"-12 M JIC	1 7/8"-12 F JIC	1 7/8"-12 M JIC
6602-32-32-32	2 1/2"-12 M JIC	2 1/2"-12 F JIC	2 1/2"-12 M JIC

## Adapters



### JIC to Oring 90° Elbow

Part #	Male JIC	Male Oring
6801-02-02	1/8" JIC	1/8" Oring
6801-03-03	3/16" JIC	3/16" Oring
6801-04-02	1/4" JIC	1/8" Oring
6801-04-03	1/4" JIC	3/16" Oring
6801-04-04	1/4" JIC	1/4" Oring
6801-04-05	1/4" JIC	5/16" Oring
6801-04-06	1/4" JIC	3/8" Oring
6801-04-08	1/4" JIC	1/2" Oring
6801-04-10	1/4" JIC	5/8" Oring
6801-05-04	5/16" JIC	1/4" Oring
6801-05-05	5/16" JIC	5/16" Oring
6801-05-06	5/16" JIC	3/8" Oring
6801-05-08	5/16" JIC	1/2" Oring
6801-06-04	3/8" JIC	1/4" Oring
6801-06-05	3/8" JIC	5/16" Oring
6801-06-06	3/8" JIC	3/8" Oring
6801-06-08	3/8" JIC	1/2" Oring
6801-06-10	3/8" JIC	5/8" Oring
6801-06-12	3/8" JIC	3/4" Oring
6801-08-04	1/2" JIC	1/4" Oring
6801-08-06	1/2" JIC	3/8" Oring
6801-08-08	1/2" JIC	1/2" Oring
6801-08-10	1/2" JIC	5/8" Oring
6801-08-12	1/2" JIC	3/4" Oring
6801-08-16	1/2" JIC	1" Oring
6801-10-06	5/8" JIC	3/8" Oring
6801-10-08	5/8" JIC	1/2" Oring
6801-10-10	5/8" JIC	5/8" Oring

### JIC to Oring 90° Elbow

Part #	Male JIC	Male Oring
6801-10-12	5/8" JIC	3/4" Oring
6801-10-16	5/8" JIC	1" Oring
6801-12-08	3/4" JIC	1/2" Oring
6801-12-10	3/4" JIC	5/8" Oring
6801-12-12	3/4" JIC	3/4" Oring
6801-12-14	3/4" JIC	7/8" Oring
6801-12-16	3/4" JIC	1" Oring
6801-12-20	3/4" JIC	1-1/4" Oring
6801-14-14	7/8" JIC	7/8" Oring
6801-14-16	7/8" JIC	1" Oring
6801-16-08	1" JIC	1/2" Oring
6801-16-10	1" JIC	5/8" Oring
6801-16-12	1" JIC	3/4" Oring
6801-16-14	1" JIC	7/8" Oring
6801-16-16	1" JIC	1" Oring
6801-16-20	1" JIC	1-1/4" Oring
6801-16-24	1" JIC	1-1/2" Oring
6801-20-12	1-1/4" JIC	3/4" Oring
6801-20-16	1-1/4" JIC	1" Oring
6801-20-20	1-1/4" JIC	1-1/4" Oring
6801-20-24	1-1/4" JIC	1-1/2" Oring
6801-24-16	1-1/2" JIC	1" Oring
6801-24-20	1-1/2" JIC	1-1/4" Oring
6801-24-24	1-1/2" JIC	1-1/2" Oring
6801-24-32	1-1/2" JIC	2" Oring
6801-32-20	2" JIC	1-1/4" Oring
6801-32-24	2" JIC	1-1/2" Oring
6801-32-32	2" JIC	2" Oring

## Adapters



**JIC to Oring 45° Elbow**

Part #	Male JIC	Male Oring
6802-03-03	3/8"-24 JIC	3/8"-24 Oring
6802-04-04	7/16"-20 JIC	7/16"-20 Oring
6802-04-05	7/16"-20 JIC	1/2"-20 Oring
6802-04-06	7/16"-20 JIC	9/16"-18 Oring
6802-04-08	7/16"-20 JIC	3/4"-16 Oring
6802-05-04	1/2"-20 JIC	7/16"-20 Oring
6802-05-05	1/2"-20 JIC	1/2"-20 Oring
6802-05-06	1/2"-20 JIC	9/16"-18 Oring
6802-05-08	1/2"-20 JIC	3/4"-16 Oring
6802-06-04	9/16"-18 JIC	7/16"-20 Oring
6802-06-05	9/16"-18 JIC	1/2"-20 Oring
6802-06-06	9/16"-18 JIC	9/16"-18 Oring
6802-06-08	9/16"-18 JIC	3/4"-16 Oring
6802-06-10	9/16"-18 JIC	7/8"-14 Oring
6802-08-06	3/4"-16 JIC	9/16"-18 Oring
6802-08-08	3/4"-16 JIC	3/4"-16 Oring
6802-08-10	3/4"-16 JIC	7/8"-14 Oring
6802-08-12	3/4"-16 JIC	1 1/16"-12 Oring
6802-10-08	7/8"-14 JIC	3/4"-16 Oring
6802-10-10	7/8"-14 JIC	7/8"-14 Oring
6802-10-12	7/8"-14 JIC	1 1/16"-12 Oring
6802-12-08	1 1/16"-12 JIC	3/4"-16 Oring
6802-12-10	1 1/16"-12 JIC	7/8"-14 Oring
6802-12-12	1 1/16"-12 JIC	1 1/16"-12 Oring
6802-12-16	1 1/16"-12 JIC	1 5/16"-12 Oring
6802-14-14	1 3/16"-12 JIC	1 3/16"-12 Oring
6802-16-12	1 5/16"-12 JIC	1 1/16"-12 Oring
6802-16-16	1 5/16"-12 JIC	1 5/16"-12 Oring
6802-16-20	1 5/16"-12 JIC	1 5/8"-12 Oring
6802-20-16	1 5/8"-12 JIC	1 5/16"-12 Oring
6802-20-20	1 5/8"-12 JIC	1 5/8"-12 Oring
6802-20-24	1 5/8"-12 JIC	1 7/8"-12 Oring
6802-24-20	1 7/8"-12 JIC	1 5/8"-12 Oring
6802-24-24	1 7/8"-12 JIC	1 7/8"-12 Oring
6802-32-32	2 1/2"-12 JIC	2 1/2"-12 Oring



**JIC to Oring Run Tee**

Part #	Male JIC	Male Oring	Male JIC
6804-04-04-04	7/16"-20 JIC	7/16"-20 Oring	7/16"-20 JIC
6804-04-06-04	7/16"-20 JIC	9/16"-18 Oring	7/16"-20 JIC
6804-04-06-06	7/16"-20 JIC	9/16"-18 Oring	9/16"-18 JIC
6804-05-05-05	1/2"-20 JIC	1/2"-20 Oring	1/2"-20 JIC
6804-06-04-06	9/16"-18 JIC	7/16"-20 Oring	9/16"-18 JIC
6804-06-06-06	9/16"-18 JIC	9/16"-18 Oring	9/16"-18 JIC
6804-06-06-08	9/16"-18 JIC	9/16"-18 Oring	3/4"-16 JIC
6804-06-08-06	9/16"-18 JIC	3/4"-16 Oring	9/16"-18 JIC
6804-08-06-08	3/4"-16 JIC	9/16"-18 Oring	3/4"-16 JIC
6804-08-08-04	3/4"-16 JIC	3/4"-16 Oring	7/16"-20 JIC
6804-08-08-08	3/4"-16 JIC	3/4"-16 Oring	3/4"-16 JIC
6804-08-10-08	3/4"-16 JIC	7/8"-14 Oring	3/4"-16 JIC
6804-08-12-08	3/4"-16 JIC	1 1/16"-12 Oring	3/4"-16 JIC
6804-10-10-10	7/8"-14 JIC	7/8"-14 Oring	7/8"-14 JIC
6804-10-12-10	7/8"-14 JIC	1 1/16"-12 Oring	7/8"-14 JIC
6804-12-10-12	1 1/16"-12 JIC	7/8"-14 Oring	1 1/16"-12 JIC
6804-12-12-08	1 1/16"-12 JIC	1 1/16"-12 Oring	3/4"-16 JIC
6804-12-12-12	1 1/16"-12 JIC	1 1/16"-12 Oring	1 1/16"-12 JIC
6804-12-12-16	1 1/16"-12 JIC	1 1/16"-12 Oring	1 5/16"-12 JIC
6804-12-16-12	1 1/16"-12 JIC	1 5/16"-12 Oring	1 1/16"-12 JIC
6804-14-14-14	1 3/16"-12 JIC	1 3/16"-12 Oring	1 3/16"-12 JIC
6804-16-12-16	1 5/16"-12 JIC	1 1/16"-12 Oring	1 5/16"-12 JIC
6804-16-16-16	1 5/16"-12 JIC	1 5/16"-12 Oring	1 5/16"-12 JIC
6804-20-20-20	1 5/8"-12 JIC	1 5/8"-12 Oring	1 5/8"-12 JIC
6804-24-24-24	1 7/8"-12 JIC	1 7/8"-12 Oring	1 7/8"-12 JIC
6804-32-32-32	2 1/2"-12 JIC	2 1/2"-12 Oring	2 1/2"-12 JIC

## Adapters



### Oring to Pipe Swivel

Part #	Male Oring	Female Pipe Swivel
6900-04-02	1/4" Oring	1/8" Pipe
6900-04-04	1/4" Oring	1/4" Pipe
6900-04-06	1/4" Oring	3/8" Pipe
6900-04-08	1/4" Oring	1/2" Pipe
6900-05-04	5/16" Oring	1/4" Pipe
6900-05-06	5/16" Oring	3/8" Pipe
6900-05-08	5/16" Oring	1/2" Pipe
6900-06-04	3/8" Oring	1/4" Pipe
6900-06-06	3/8" Oring	3/8" Pipe
6900-06-08	3/8" Oring	1/2" Pipe
6900-08-04	1/2" Oring	1/4" Pipe
6900-08-06	1/2" Oring	3/8" Pipe
6900-08-08	1/2" Oring	1/2" Pipe
6900-08-12	1/2" Oring	3/4" Pipe
6900-10-04	5/8" Oring	1/4" Pipe
6900-10-06	5/8" Oring	3/8" Pipe
6900-10-08	5/8" Oring	1/2" Pipe
6900-10-12	5/8" Oring	3/4" Pipe
6900-12-06	3/4" Oring	3/8" Pipe
6900-12-08	3/4" Oring	1/2" Pipe
6900-12-12	3/4" Oring	3/4" Pipe
6900-12-16	3/4" Oring	1" Pipe
6900-14-12	7/8" Oring	3/4" Pipe
6900-14-16	7/8" Oring	1" Pipe
6900-16-08	1" Oring	1/2" Pipe
6900-16-12	1" Oring	3/4" Pipe
6900-16-16	1" Oring	1" Pipe
6900-16-20	1" Oring	1-1/4" Pipe
6900-20-12	1-1/4" Oring	3/4" Pipe
6900-20-16	1-1/4" Oring	1" Pipe
6900-20-20	1-1/4" Oring	1-1/4" Pipe
6900-24-20	1-1/2" Oring	1-1/4" Pipe
6900-24-24	1-1/2" Oring	1-1/2" Pipe
6900-32-32	2" Oring	2" Pipe

### Oring to Pipe Swivel 90° Elbow

Part #	Male Oring	Female Pipe Swivel
6901-04-02	1/4" Oring	1/8" Pipe
6901-04-04	1/4" Oring	1/4" Pipe
6901-04-06	1/4" Oring	3/8" Pipe
6901-06-04	3/8" Oring	1/4" Pipe
6901-06-06	3/8" Oring	3/8" Pipe
6901-06-08	3/8" Oring	1/2" Pipe
6901-08-04	1/2" Oring	1/4" Pipe
6901-08-06	1/2" Oring	3/8" Pipe
6901-08-08	1/2" Oring	1/2" Pipe
6901-08-12	1/2" Oring	3/4" Pipe
6901-10-06	5/8" Oring	3/8" Pipe
6901-10-08	5/8" Oring	1/2" Pipe
6901-10-12	5/8" Oring	3/4" Pipe
6901-12-06	3/4" Oring	3/8" Pipe
6901-12-08	3/4" Oring	1/2" Pipe
6901-12-12	3/4" Oring	3/4" Pipe
6901-12-16	3/4" Oring	1" Pipe
6901-16-12	1" Oring	3/4" Pipe
6901-16-16	1" Oring	1" Pipe
6901-16-20	1" Oring	1-1/4" Pipe
6901-20-12	1-1/4" Oring	3/4" Pipe
6901-20-16	1-1/4" Oring	1" Pipe
6901-20-20	1-1/4" Oring	1-1/4" Pipe
6901-24-24	1-1/2" Oring	1-1/2" Pipe
6901-32-32	2" Oring	2" Pipe



### Flat Face Oring Cap

Part #	Female ORFS
FF304-C-04	9/16"-18 ORFS
FF304-C-06	11/16"-16 ORFS
FF304-C-08	13/16"-16 ORFS
FF304-C-10	1"-14 ORFS
FF304-C-12	1 3/16"-12 ORFS
FF304-C-16	1 7/16"-12 ORFS
FF304-C-20	1 11/16"-12 ORFS
FF304-C-24	2"-12 ORFS



## Adapters



### Oring to Pipe Swivel 45° Elbow

Part #	Male Oring	Female Pipe Swivel
6902-04-04	1/4" Oring	1/4" F Pipe
6902-04-06	1/4" Oring	3/8" F Pipe
6902-06-04	3/8" Oring	1/4" F Pipe
6902-06-06	3/8" Oring	3/8" F Pipe
6902-06-08	3/8" Oring	1/2" F Pipe
6902-08-04	1/2" Oring	1/4" F Pipe
6902-08-06	1/25" Oring	3/8" F Pipe
6902-08-08	1/2" Oring	1/2" F Pipe
6902-08-12	1/2" Oring	3/4" F Pipe
6902-10-06	5/8" Oring	3/8" F Pipe
6902-10-08	5/8" Oring	1/2" F Pipe
6902-10-12	5/8" Oring	3/4" F Pipe
6902-12-08	3/4" Oring	1/2" F Pipe
6902-12-12	3/4" Oring	3/4" F Pipe
6902-16-16	1" Oring	1" F Pipe
6902-16-20	1" Oring	1-1/4" F Pipe
6902-20-20	1-1/4" Oring	1-1/4" F Pipe
6902-24-24	1-1/2" Oring	1-1/2" F Pipe



### Oring to Pipe Swivel Branch Tee

Part #	Male Oring	Female Pipe Swivel	Female Pipe Swivel
6911-04-04-04	1/4" Oring	1/4" Pipe	1/4" Pipe
6911-06-06-06	3/8" Oring	3/8" Pipe	3/8" Pipe
6911-08-06-06	1/2" Oring	3/8" Pipe	3/8" Pipe
6911-08-08-08	1/2" Oring	1/2" Pipe	1/2" Pipe
6911-12-12-12	3/4" Oring	3/4" Pipe	3/4" Pipe



### Flat Face Oring to Pipe

Part #	Male FF Oring	Male Pipe
FF2404-04-02	1/4" ORFS	1/8" Pipe
FF2404-04-04	1/4" ORFS	1/4" Pipe
FF2404-04-06	1/4" ORFS	3/8" Pipe
FF2404-04-08	1/4" ORFS	1/2" Pipe
FF2404-06-02	3/8" ORFS	1/8" Pipe
FF2404-06-04	3/8" ORFS	1/4" Pipe
FF2404-06-06	3/8" ORFS	3/8" Pipe
FF2404-06-08	3/8" ORFS	1/2" Pipe
FF2404-08-04	1/2" ORFS	1/4" Pipe
FF2404-08-06	1/2" ORFS	3/8" Pipe
FF2404-08-08	1/2" ORFS	1/2" Pipe
FF2404-08-12	1/2" ORFS	3/4" Pipe
FF2404-08-16	1/2" ORFS	1" Pipe
FF2404-10-08	5/8" ORFS	1/2" Pipe
FF2404-10-12	5/8" ORFS	3/4" Pipe
FF2404-10-16	5/8" ORFS	1" Pipe
FF2404-12-08	3/4" ORFS	1/2" Pipe
FF2404-12-12	3/4" ORFS	3/4" Pipe
FF2404-12-16	3/4" ORFS	1" Pipe
FF2404-16-12	1" ORFS	3/4" Pipe
FF2404-16-16	1" ORFS	1" Pipe
FF2404-16-20	1" ORFS	1 1/4" Pipe
FF2404-16-24	1" ORFS	1 1/2" Pipe
FF2404-20-16	1-1/4" ORFS	1" Pipe
FF2404-20-20	1-1/4" ORFS	1 1/4" Pipe
FF2404-24-24	1-1/2" ORFS	1 1/2" Pipe



### Flat Face Oring Plug

Part #	Male FF Oring
FF2408-04	1/4" ORFS
FF2408-06	3/8" ORFS
FF2408-08	1/2" ORFS
FF2408-10	5/8" ORFS
FF2408-12	3/4" ORFS
FF2408-16	1" ORFS
FF2408-20	1-1/4" ORFS
FF2408-24	1-1/2" ORFS

## Adapters



### Metric Compression Tube Plug

Part #	Male Metric Compression
MC6003-L06	L06 (12x1.5)
MC6003-L08	L08 (14x1.5)
MC6003-L10	L10 (16x1.5)
MC6003-L12	L12 (18x1.5)
MC6003-L15	L15 (22x1.5)
MC6003-L18	L18 (26x1.5)
MC6003-L22	L22 (30x2.0)
MC6003-L28	L28 (36x2.0)
MC6003-L35	L35 (45x2.0)
MC6003-L42	L42 (52x2.0)
MC6003-S06	S06 (14x1.5)
MC6003-S08	S08 (16x1.5)
MC6003-S10	S10 (18x1.5)
MC6003-S12	S12 (20x1.5)
MC6003-S14	S14 (22x1.5)
MC6003-S16	S16 (24x1.5)
MC6003-S20	S20 (30x2.0)
MC6003-S25	S25 (36x2.0)
MC6003-S30	S30 (42x2.0)
MC6003-S35	S30 (45x2.0)
MC6003-S38	S38 (52x2.0)



### Metric Compression Tube Cap

Part #	Female Metric Compression
MC6004-L06	L06 (12x1.5)
MC6004-L08	L08 (14x1.5)
MC6004-L10	L10 (16x1.5)
MC6004-L12	L12 (18x1.5)
MC6004-L15	L15 (22x1.5)
MC6004-L18	L18 (26x1.5)
MC6004-L22	L22 (30x2.0)
MC6004-L28	L28 (36x2.0)
MC6004-L35	L35 (45x2.0)
MC6004-L42	L42 (52x2.0)

## Hydraulic Couplers

Sold Individually



### Agriculture Hydraulic Coupler IR Ball Valve Poppet Style Interchange

Part #	Body	Port	Thread Type	Type
800001000	1/4"	1/4"	NPT	COUPLER
800001001	1/4"	1/4"	NPT	NIPPLE
800001002	3/8"	3/8"	NPT	COUPLER
800001003	3/8"	3/8"	NPT	NIPPLE
800001004	1/2"	1/2"	NPT	COUPLER
800001005	1/2"	1/2"	NPT	NIPPLE
800001006	3/4"	3/4"	NPT	COUPLER
800001007	3/4"	3/4"	NPT	NIPPLE
800001008	1"	1"	NPT	COUPLER
800001009	1"	1"	NPT	NIPPLE
800104000	1/4"	3/8"	SAE	COUPLER
800104001	1/4"	3/8"	SAE	NIPPLE



### Agriculture Hydraulic Coupler IRV Poppet Style Interchange

Part #	Body	Port	Thready Type	Type
800101000	1/4"	1/4"	NPT	COUPLER
800101001	1/4"	1/4"	NPT	NIPPLE
800101002	3/8"	3/8"	NPT	COUPLER
800101003	3/8"	3/8"	NPT	NIPPLE
800501004	1/2"	1/2"	NPT	COUPLER
800501005	1/2"	1/2"	NPT	NIPPLE
800101004	3/4"	3/4"	NPT	COUPLER
800101005	3/4"	3/4"	NPT	NIPPLE
800101006	1"	1"	NPT	COUPLER
800101007	1"	1"	NPT	NIPPLE



### Agriculture Hydraulic Coupler IRS Ball Valve Push/Pull Sleeve

Part #	Body	Port	Thready Type	Type
800301002	1/2"	1/2"	NPT	COUPLER

## Hydraulic Couplers

Sold Individually



### ISO A Interchange BIR NPT Thread Poppet Style Iterchange

BIR NPT Thread				
Part #	Body	Port	Thready Type	Type
800501000	1/4"	1/4"	NPT	COUPLER
800501001	1/4"	1/4"	NPT	NIPPLE
800501002	3/8"	3/8"	NPT	COUPLER
800501003	3/8"	3/8"	NPT	NIPPLE
800501004	1/2"	1/2"	NPT	COUPLER
800501005	1/2"	1/2"	NPT	NIPPLE
800501006	3/4"	3/4"	NPT	COUPLER
800501007	3/4"	3/4"	NPT	NIPPLE
800501008	1"	1"	NPT	COUPLER
800501009	1"	1"	NPT	NIPPLE
800501010	1 1/4"	1 1/4"	NPT	COUPLER
800501011	1 1/4"	1 1/4"	NPT	NIPPLE
800501012	1 1/2"	1 1/2"	NPT	COUPLER
800501013	1 1/2"	1 1/2"	NPT	NIPPLE
800501014	2"	2"	NPT	COUPLER
800501015	2"	2"	NPT	NIPPLE
BIR SAE Thread				
800504004	1/2"	1/2"	SAE	COUPLER
800504005	1/2"	1/2"	SAE	NIPPLE
800504006	3/4"	3/4"	SAE	COUPLER
800504007	3/4"	3/4"	SAE	NIPPLE
800504008	1"	1"	SAE	COUPLER
800504009	1"	1"	SAE	NIPPLE

### ISO B Interchange IRB NPT Thread Poppet Style Iterchange

Part #	Body	Port	Thready Type	Type
800601000	1/8"	1/8"	NPT	COUPLER
800601001	1/8"	1/8"	NPT	NIPPLE
800601002	1/4"	1/4"	NPT	COUPLER
800601003	1/4"	1/4"	NPT	NIPPLE
800601004	3/8"	3/8"	NPT	COUPLER
800601005	3/8"	3/8"	NPT	NIPPLE
800601006	1/2"	1/2"	NPT	COUPLER
800601007	1/2"	1/2"	NPT	NIPPLE
800601008	3/4"	3/4"	NPT	COUPLER
800601009	3/4"	3/4"	NPT	NIPPLE
800601010	1"	1"	NPT	COUPLER
800601011	1"	1"	NPT	NIPPLE



### Interchange Coupling IVHP

Part #	Body	Port	Thready Type
800201009	1/4"	1/4"	NPT FEMALE
800201004	3/8"	3/8"	NPT MALE
800201005	3/8"	3/8"	NPT FEMALE
800201010	1/4"	1/4"	NPT MALE
800201014	3/8"	3/8"	NPT FEMALE



## Hydraulic Couplers

Sold Individually



### ISO 16028 Interchange FIRG Series Flat Face - NPT Thread

Part #	Body	Port	Thready Type	Type
800801000	1/4"	1/4"	NPT	COUPLER
800801001	1/4"	1/4"	NPT	NIPPLE
800801002	3/8"	1/2"	NPT	COUPLER
800801003	3/8"	1/2"	NPT	NIPPLE
800801004	3/8"	3/8"	NPT	COUPLER
800801005	3/8"	3/8"	NPT	NIPPLE
800801006	1/2"	1/2"	NPT	COUPLER
800801007	1/2"	1/2"	NPT	NIPPLE
800801008	1/2"	3/4"	NPT	COUPLER
800801009	1/2"	3/4"	NPT	NIPPLE
800801010	5/8"	3/4"	NPT	COUPLER
800801011	5/8"	3/4"	NPT	NIPPLE
800801020	3/4"	3/4"	NPT	COUPLER
800801021	3/4"	3/4"	NPT	NIPPLE
800801012	3/4"	1"	NPT	COUPLER
800801013	3/4"	1"	NPT	NIPPLE
800801014	1"	1 1/4"	NPT	COUPLER
800801015	1"	1 1/4"	NPT	NIPPLE
800801016	1 1/2"	1 1/2"	NPT	COUPLER
800801017	1 1/2"	1 1/2"	NPT	NIPPLE
800801018	2"	2"	NPT	COUPLER
800801019	2"	2"	NPT	NIPPLE

### ISO 16028 Interchange FIRG Series Flat Face - SAE Thread

Part #	Body	Port	Thready Type	Type
800804000	1/4"	3/8"	SAE	COUPLER
800804001	1/4"	3/8"	SAE	NIPPLE
800804002	3/8"	1/2"	SAE	COUPLER
800804003	3/8"	1/2"	SAE	NIPPLE
800804004	3/8"	5/8"	SAE	COUPLER
800804005	3/8"	5/8"	SAE	NIPPLE
800804006	1/2"	5/8"	SAE	COUPLER
800804007	1/2"	5/8"	SAE	NIPPLE
800804008	1/2"	3/4"	SAE	COUPLER
800804009	1/2"	3/4"	SAE	NIPPLE
800804010	5/8"	3/4"	SAE	COUPLER
800804011	5/8"	3/4"	SAE	NIPPLE
800804020	3/4"	3/4"	SAE	COUPLER
800804021	3/4"	3/4"	SAE	NIPPLE
800804012	3/4"	1"	SAE	COUPLER
800804013	3/4"	1"	SAE	NIPPLE
800804014	1"	1 1/4"	SAE	COUPLER
800804015	1"	1 1/4"	SAE	NIPPLE
800804016	1 1/2"	1 1/2"	SAE	COUPLER
800804017	1 1/2"	1 1/2"	SAE	NIPPLE
800804018	2"	2"	SAE	COUPLER
800804019	2"	2"	SAE	NIPPLE



## Hydraulic Couplers

Sold Individually



### ISO 16028 Interchange A Premier Flat Face - NPT Thread

Part #	Body	Port	Thready Type	Type
801301002	1/8"	1/8"	NPT	COUPLER
801301003	1/8"	1/8"	NPT	NIPPLE
801301004	1/4"	1/4"	NPT	COUPLER
800801001	1/4"	1/4"	NPT	NIPPLE
801301006	3/8"	3/8"	NPT	COUPLER
801301005	3/8"	3/8"	NPT	NIPPLE
801301008	3/8"	1/2"	NPT	COUPLER
801301007	3/8"	1/2"	NPT	NIPPLE
801301010	1/2"	1/2"	NPT	COUPLER
801301009	1/2"	1/2"	NPT	NIPPLE
801301012	1/2"	3/4"	NPT	COUPLER
801301011	1/2"	3/4"	NPT	NIPPLE
801301014	5/8"	3/4"	NPT	COUPLER
801301013	5/8"	3/4"	NPT	NIPPLE
801301020	5/8"	1"	NPT	COUPLER
801301019	5/8"	1"	NPT	NIPPLE
801301030	3/4"	3/4"	NPT	COUPLER
801301031	3/4"	3/4"	NPT	NIPPLE
801301000	3/4"	1"	NPT	COUPLER
801301001	3/4"	1"	NPT	NIPPLE
801301028	1"	1"	NPT	COUPLER
801301029	1"	1"	NPT	NIPPLE
801301016	1"	1 1/4"	NPT	COUPLER
801301015	1"	1 1/4"	NPT	NIPPLE
801301034	1 1/4"	1 1/4"	NPT	COUPLER
801301035	1 1/4"	1 1/4"	NPT	NIPPLE
801301018	1 1/2"	1 1/2"	NPT	COUPLER
801301017	1 1/2"	1 1/2"	NPT	NIPPLE