

Instrument Pipe Fittings

Pipe fittings are typically used to join components together in a gas handling system—such as attaching a flowmeter to a regulator, or installing a relief valve. They are also used in systems which have been constructed using rigid pipe, as opposed to tubing.

The measurements specified in the Tables below conform to National Pipe Thread (NPT) designations, and may be either female (internal) type connections, or male (external) type connections—abbreviated as NPT(F) or NPT(M) accordingly. All pipe fittings shown have a maximum operating pressure of at least 3000 psig.

Table I

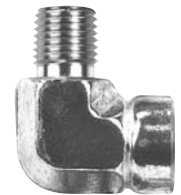
Description	Part Number	
	Brass	Type 316 Stn. Stl.
Male Elbow		
For joining female pipe threads at a right angle		
1/4" NPT(M) x 1/4" NPT(M)	0202-5172	0202-5173
3/8" NPT(M) x 3/8" NPT(M)	0202-5104	—
Female Elbow		
For joining male pipe threads at a right angle		
1/8" NPT(F) x 1/8" NPT(F)	0202-5112	0202-5114
1/4" NPT(F) x 1/4" NPT(F)	0202-5113	0202-5115
Street Elbow		
For joining female to male pipe threads at a right angle		
1/8" NPT(M) x 1/8" NPT(F)	0202-5095	0202-5127
1/4" NPT(M) x 1/4" NPT(F)	0202-5096	0202-5122
Female Tee		
To make a 3-way connection of male pipe threads		
1/4" NPT(F) x 1/4" NPT(F) x 1/4" NPT(F)	0202-4987	0202-4299
Male Branch Tee		
To make a 3-way connection of male by male by female pipe threads		
1/4" NPT(F) x 1/4" NPT(F) x 1/4" NPT(M)	0202-4984	0202-5116
Street Tee		
To make a 3-way connection of male by female by male pipe threads		
1/8" NPT(F) x 1/8" NPT(M) x 1/8" NPT(F)	0202-5098	—
1/4" NPT(F) x 1/4" NPT(M) x 1/4" NPT(F)	0202-5117	0202-5118



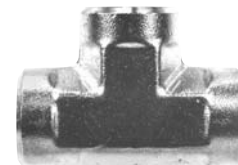
Male Elbow



Female Elbow



Street Elbow



Female Tee



Male Branch Tee



Street Tee

Table I (continued)

Description	Part Number	
	Brass	Type 316 Stn. Stl.
Pipe Cross		
To make a 4-way connection of male pipe threads		
1/8" NPT(F)	0202-5188	0202-5190
1/4" NPT(F)	0202-5189	0202-5099
Male Hex Nipple		
For joining female pipe threads		
1/8" NPT(M) x 1/8" NPT(M)	0202-5186	0202-5187
1/4" NPT(M) x 1/4" NPT(M)	0202-5092	0202-5091
Reducing Adapter		
Used to reduce the size of male pipe thread		
1/4" NPT(F) x 1/8" NPT(M)	0202-5350	0202-5351
Male Hex Reducing Nipple		
For joining female pipe threads of different dimensions		
1/4" NPT(M) x 1/8" NPT(M)	0202-5185	0202-5108
1/2" NPT(M) x 1/4" NPT(M)	0202-5094	—
Male Hex Long Nipple		
For joining female pipe threads at extended dimensions		
1/8" NPT(M) x 1/8" NPT(M) (3" Length)	—	0202-5184
1/4" NPT(M) x 1/4" NPT(M) (3" Length)	0202-5105	0202-5107
1/4" NPT(M) x 1/8" NPT(M) (3 1/2" Length)	0202-5106	—
Female Hex Coupling		
To join male pipe threads		
1/8" NPT(F) x 1/8" NPT(F)	0202-5182	0202-5183
1/4" NPT(F) x 1/4" NPT(F)	0202-5120	0202-5121
3/8" NPT(F) x 1/4" NPT(F)	0202-5103	—
Reducing Bushing		
Used to reduce the size of female pipe thread		
1/4" NPT(M) x 1/8" NPT(F)	0202-5181	0202-5102
1/2" NPT(M) x 1/4" NPT(F)	0202-5097	0202-5133
Pipe Plug (Hollow Hex)		
To plug a female pipe thread		
1/8" NPT(M)	0202-3140	0202-3147
1/4" NPT(M)	0202-3143	0202-3023



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