



HHXX.EX15201 Fittings, Cast Iron, Ductile Iron, Malleable Iron and Bronze

[Page Bottom](#)

Fittings, Cast Iron, Ductile Iron, Malleable Iron and Bronze

[See General Information for Fittings, Cast Iron, Ductile Iron, Malleable Iron and Bronze](#)

BIS PIPE FITTING INDUSTRY CO LTD
107 MOO 4 PETCHKASEM RD
OMNOI KRATUMBAN
SAMUTSAKORN, 74130 THAILAND

EX15201

Malleable Iron Threaded Fittings (ANSI/ASME B16.3)

Fittings fabricated with dimensional specifications in accordance with ANSI/ASME B16.3

Model/Fig.	Configuration	Size (in.)	Rated Pressure (psig)
90	90o Elbows	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
120	45o Elbows	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
92	90o Street Elbows	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
121	45o Street Elbows	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
90R	90o Reducing Elbows	1/4 x 1/8, 3/8 x 1/4, 3/8 x 1/8, 1/2 x 3/8, 1/2 x 1/4, 3/4 x 1/2, 3/4 x 3/8, 3/4 x 1/4, 1 x 3/4, 1 x 1/2, 1 x 3/8, 1-1/4 x 1, 1-1/4 x 3/4, 1-1/4 x 1/2, 1-1/2 x 1-1/4, 1-1/2 x 1, 1-1/2 x 3/4, 2 x 1-1/2, 2 x 1-1/4, 2 x 1, 2 x 3/4, 2-1/2 x 2, 2-1/2 x 1-1/2, 3 x 2-1/2, 3 x 2, 4 x 3	300
134	Street Tee	1/2, 3/4, 1, 1-1/2, 2	300
130	Tees	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
270	Couplings	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
240	Reducing Couplings	1/4 x 1/8, 3/8 x 1/8, 3/8 x 1/4, 1/2 x 1/8, 1/2 x 1/4, 1/2 x 3/8, 3/4 x 1/8, 3/4 x 1/4, 3/4 x 3/8, 3/4 x 1/2, 1 x 1/4, 1 x 3/8, 1 x 1/2, 1 x 3/4, 1-1/4 x 3/8, 1-1/4 x 1/2, 1-1/4 x 3/4, 1-1/4 x 1, 1-1/2 x 3/8, 1-1/2 x 1/2, 1-1/2 x 3/4, 1-1/2 x 1, 1-1/2 x 1-1/4, 2 x 1/2, 2 x 3/4, 2 x 1, 2 x 1-1/4, 2 x 1-1/2, 2-1/2 x 1/2, 2-1/2 x 3/4, 2-1/2 x 1, 2-1/2 x 1-1/4, 2-1/2 x 1-1/2, 2-1/2 x 2, 3 x 1/2, 3 x 3/4, 3 x 1, 3 x 1-1/4, 3 x 1-1/2, 3 x 2, 3 x 2-1/2, 4 x 1/2, 4 x 3/4, 4 x 1, 4 x 1-1/4, 4 x 1-1/2, 4 x 2, 4 x 2-1/2, 4 x 3	300
301	Caps	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
180	Crosses	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
165	Y Branches	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	300
130R	Reducing Tees	1/4 x 1/4 x 1/8, 1/8 x 1/8 x 1/4, 3/8 x 3/8 x 1/4, 3/8 x 3/8 x 3/8, 1/8 x 1/4 x 3/8, 3/8 x 1/4 x 1/4, 1/4 x 1/4 x 3/8, 1/2 x 1/2 x 3/8, 1/2 x 1/2 x 1/4, 1/2 x 3/8 x 1/2, 1/2 x 3/8 x 3/8, 1/2 x 1/4 x 1/2, 3/8 x 3/8 x 1/2, 3/4 x 3/4 x 1/2, 3/4 x 3/4 x 3/8, 3/4 x 3/4 x 1/4, 3/4 x 1/2 x 3/4, 3/4 x 1/2 x 1/2, 3/4 x 1/2 x 3/8, 3/4 x 3/8 x 3/4, 3/4 x 3/8 x 3/8, 3/4 x 1/4 x 3/4, 1/2 x 1/2 x 3/4, 1 x 1 x 3/4, 1 x 1 x 1/2, 1 x 1 x 3/8, 1 x 1 x 1/4, 1 x 3/4 x 1, 1 x 3/4 x 3/4, 1 x 3/4 x 1/2, 1 x 1/2 x 1, 1 x 1/2 x 3/4, 1 x 1/2 x 1/2, 3/4 x 3/4 x 1, 1/2 x 1/2 x 1, 1-1/4 x 1-1/4 x 1, 1-1/4 x 1-1/4 x 3/4, 1-1/4 x 1-1/4 x 1/2, 1-1/4 x 1-1/4 x 3/8, 1-1/4 x 1 x 1-1/4, 1-1/4 x 1 x 1, 1-1/4 x 1 x 3/4, 1-1/4 x 1 x 1/2, 1-1/4 x 3/4 x 1-1/4, 1-1/4 x 3/4 x 1, 1-1/4 x 3/4 x 3/4, 1-1/4 x 1/2 x 1-1/4, 1-1/4 x 1/2 x 1, 1 x 1 x 1-1/4, 3/4 x 3/4 x 1-1/4, 1-1/2 x 1-1/2 x 1-1/4, 1-1/2 x 1-1/2 x 1, 1-1/2 x 1-1/2 x 3/4, 1-1/2 x 1-1/2 x 1/2, 1-1/2 x 1-1/4 x 1-1/2, 1-1/2 x 1-1/4 x 1/2, 1-1/2 x 1 x 1-1/2, 1-1/2 x 1 x 1-1/4, 1-1/2 x 1 x 1, 1-1/2 x 3/4 x 1/2, 1-1/2 x 1/2 x 1-1/2, 1-1/4 x 1-1/4 x 1-1/2, 1 x 1 x 1-1/2, 2 x 2 x 1-1/2, 2 x 2 x 1-1/4, 2 x 2 x 1, 2 x 2 x 3/4, 2 x 2 x 1/2, 2 x 1-1/2 x 2, 2 x 1-1/2 x 1-1/2, 2 x 1-1/2 x 1-1/4, 2 x 1-1/2 x 1, 2 x 1-1/4 x 2, 2 x 1-1/4 x 1-1/2, 2 x 1-1/4 x 1-1/4, 2 x 1 x 2, 2 x 1 x 1-1/2, 2 x 3/4 x 2, 2 x 1/2 x 2, 1-1/2 x 1-1/2 x 2, 1-1/4 x 1-1/4 x 2, 1 x 1 x 2, 2-1/2 x 2-1/2 x 2, 2-1/2 x 2-1/2 x 1-1/2, 2-1/2 x 2-1/2 x 1-1/4, 2-1/2 x 2-1/2 x 1, 2-1/2 x 2-1/2 x 3/4, 2-1/2 x 2 x 2-1/2, 2-1/2 x 2 x 2, 2-1/2 x 1-1/2 x 2-1/2, 2-1/2 x 1-1/2 x 2, 2 x 2 x 2-1/2, 3 x 3 x 2-1/2, 3 x 3 x 2, 3 x 3 x 1-1/2, 3 x 3 x 1-	300

		1/4, 3 x 3 x 1-1/2, 3 x 3 x 3/4, 3 x 2-1/2 x 3, 3 x 2-1/2 x 2-1/2, 3 x 2-1/2 x 2, 3 x 2 x 3, 3 x 2 x 2, 2-1/2 x 2-1/2 x 3, 3-1/2 x 3-1/2 x 2-1/2, 4 x 4 x 3, 4 x 4 x 2-1/2, 4 x 4 x 2, 4 x 4 x 1-1/2, 4 x 3 x 4, 3 x 3 x 4
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Malleable Iron Threaded Fittings (ANSI/ASME B16.14)

Fittings fabricated with dimensional specifications in accordance with ANSI/ASME B16.14

Model/Fig.	Configuration	Size (in.)	Rated Pressure (psig)
291	Cored Plugs	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2	300
291	Slotted Head Plug	4	300
241	Outside & Inside Head Bushings	1/4 x 1/8, 3/8 x 1/4, 3/8 x 1/8, 1/2 x 3/8, 1/2 x 1/4, 1/2 x 1/8, 3/4 x 1/2, 3/4 x 3/8, 3/4 x 1/4, 3/4 x 1/8, 1 x 3/4, 1 x 1/2, 1 x 3/8, 1 x 1/4, 1 x 1/8, 1-1/4 x 1, 1-1/4 x 3/4, 1-1/4 x 1/2, 1-1/4 x 3/8, 1-1/4 x 1/4, 1-1/2 x 1-1/4, 1-1/2 x 1, 1-1/2 x 3/4, 1-1/2 x 1/2, 1-1/2 x 3/8, 1-1/2 x 1/4, 2 x 1-1/2, 2 x 1-1/4, 2 x 1, 2 x 3/4, 2 x 1/2, 2 x 3/8, 2 x 1/4, 2-1/2 x 2, 2-1/2 x 1-1/2, 2-1/2 x 1-1/4, 2-1/2 x 1, 1-1/2 x 3/4, 2-1/2 x 1/2, 3 x 2-1/2, 3 x 2, 3 x 1-1/2, 3 x 1-1/4, 3 x 1, 3 x 3/4, 3 x 1/2, 3-1/2 x 3, 3-1/2 x 2-1/2, 3-1/2 x 2, 3-1/2 x 1-1/2, 3-1/2 x 1-1/4, 3-1/2 x 1, 4 x 3-1/2, 4 x 3, 4 x 2-1/2, 4 x 2, 4 x 1-1/2, 4 x 1-1/4, 4 x 1	300
312	Locknuts	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300

Malleable Iron Threaded Fittings (BS EN 10242)

Fittings fabricated with dimensional specifications in accordance with BS EN 10242

Model/Fig.	Configuration	Size (in.)	Rated Pressure (psig)
90	Elbows, 90°	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6	362
130	Tees	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6	362
180	Crosses	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	362
120	Elbows, 45°	3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2	362
92	Street Elbows, 90°	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3	362
121	Street Elbows, 45°	3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2	362
270	Couplings	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	362
301	Caps	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	362
90R	Elbows, Reducing 90°	3/8x 1/4; 1/2 x 3/8; 3/4 x 3/8, 1/2; 1 x 1/2, 3/4; 1-1/4 x 3/4, 1; 1-1/2 x 1, 1-1/4; 2 x 1-1/2; 2-1/2 x 2	362
130R	Tees, Reducing	3/8x 3/8x1/4, 1/2; 1/2 x 1/2 x 1/4, 3/8, 3/4, 1; 3/4 x 3/4 x 1/4, 3/8, 1/2, 1, 1-1/4; 3/4 x 3/8 x 3/4; 1 x 1 x 3/8, 1/2, 3/4, 1-1/4; 1 x 3/4 x 1/2, 3/4, 1; 1 x 1/2 x 1/2, 3/4, 1; 1-1/4 x 1-1/4 x 3/8, 1/2, 3/4, 1, 1-1/2, 2; 1-1/4 x 1 x 1/2, 3/4, 1, 1-1/4;	362

		1-1/4 x 3/4 x 3/4, 1, 1-1/4;	
		1-1/4 x 1/2 x 1-1/4;	
		1-1/2 x 1-1/2 x 1/2, 3/4, 1, 1-1/4, 2;	
		1-1/2 x 1-1/4 x 1/2, 3/4, 1, 1-1/4, 1-1/2;	
		1-1/2 x 1 x 1, 1-1/4, 1-1/2;	
		1-1/2 x 3/4 x 1-1/2;	
		1-1/2 x 1/2 x 1-1/2;	
		2 x 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2;	
		2 x 1-1/2 x 1, 1-1/4, 1-1/2, 2;	
		2 x 1-1/4 x 1-1/4, 1-1/2, 2;	
		2 x 1 x 2;	
		2 x 3/4 x 2;	
		2-1/2 x 2-1/2 x 1, 1-1/4, 1-1/2, 2;	
		2-1/2 x 1-1/2 x 2, 2-1/2;	
		3 x 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2;	
		3 x 2 x 2, 3;	
		4 x 4 x 2, 3	
240	Couplings, Reducing	1/4x1/8;	362
		3/8 x 1/4;	
		1/2 x 1/4, 3/8;	
		3/4 x 1/4, 3/8, 1/2:	
		1 x 3/8, 1/2, 3/4;	
		1-1/4 x 1/2, 3/4, 1;	
		1-1/2 x 1/2, 3/4, 1, 1-1/4;	
		2 x 1/2, 3/4, 1, 1-1/4, 1-1/2;	
		2-1/2 x 1-1/4, 1-1/2, 2;	
		3 x 1-1/2, 2, 2-1/2;	
		4 x 2, 2-1/2, 3	
291	Plugs	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	362
312	Locknuts	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3	362
241	Bushings	1/4x1/8;	362
		3/8x1/8, 1/4;	
		1/2 x 1/8, 1/4, 3/8;	
		3/4 x 1/4, 3/8, 1/2:	
		1 x 3/8, 1/2, 3/4;	
		1-1/4 x 3/8, 1/2, 3/4, 1;	
		1-1/2 x 1/2, 3/4, 1, 1-1/4;	
		2 x 1/2, 3/4, 1, 1-1/4, 1-1/2;	
		2-1/2 x 1, 1-1/4, 1-1/2, 2;	
		3 x 1, 1-1/4, 1-1/2, 2, 2-1/2;	
		4 x 2, 2-1/2, 3	
280	Nipples	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	362
2	Bends Female 90°	1, 1-1/2, 2, 2-1/2, 4	362
1	Bends Male and Female 90°	1/4, 3/4, 1-1/2, 3, 4	362
	Hexagon Nipples,		

245	Reducing	3/8x1/4;	362
		1/2 x 1/4;	
		3/4 x 3/8, 1/2:	
		1 x 1/2, 3/4;	
		1-1/4 x 1/2, 3/4, 1;	
		1-1/2 x 3/4, 1, 1-1/4;	
		2 x 1, 1-1/4, 1-1/2;	
		2-1/2 x 2;	
		3 x 2, 2-1/2	

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