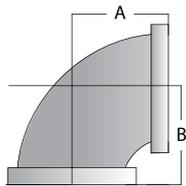


CPS Ductile Iron Threaded Fittings

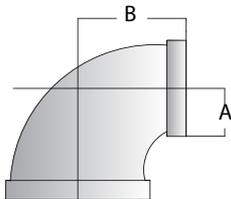
CPS D.I. Threaded fittings are UL, cUL listed and FM approved at 500psi. D.I. per ASTM A 536 grade 65-45-12. Dimensions conform to ANSI B16.3 Class 150. Threads are NPT per ANSI/ASME B1.20.1

90 Deg Elbow



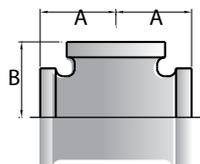
SIZE	DIMENSION	
	A	B
1"	1.50	1.50
1 1/4"	1.75	1.75
1 1/2"	1.94	1.94
2"	2.25	2.25

90 Deg. Red. Elbow



SIZE	DIMENSION	
	A	B
1 X 1/2"	1.26	1.36
1 X 3/4"	1.37	1.45
1 1/4 X 1/2"	1.34	1.53
1 1/4 X 3/4"	1.45	1.62
1 1/4" X 1"	1.58	1.67
1 1/2" X 1"	1.65	1.80
1 1/2" X 1 1/4"	1.82	1.88
2" X 1/2"	1.49	1.88
2" X 3/4"	1.60	1.97
2" X 1"	1.73	2.02
2" X 1 1/4"	1.90	2.10
2" X 1 1/2"	2.02	2.16

Straight Tee



SIZE	DIMENSION	
	A	B
1"	1.50	1.50
1 1/4"	1.75	1.75
1 1/2"	1.94	1.94
2"	2.25	2.25

Coupling



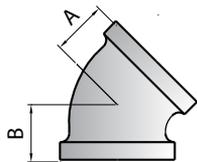
A



SIZE	DIM.
	A
1"	1.50
1 1/4"	1.75
1 1/2"	1.94
2"	2.25

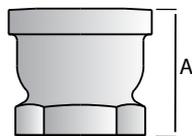
CPS Ductile Iron Threaded Fittings

45 Deg. Elbow



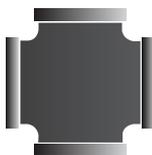
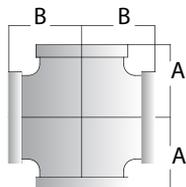
SIZE	DIMENSION	
	A	B
1"	1.12	1.12
1 1/4"	1.29	1.29
1 1/2"	1.43	1.43
2"	1.68	1.68

Reducing Coupling



SIZE	DIM.
	A
1 X 1/2"	1.69
1 X 3/4"	1.69

Cross



SIZE	DIMENSION	
	A	B
1"	1.50	1.50
1 1/4"	1.75	1.75
1 1/2"	1.94	1.94
2"	2.25	2.25
1 1/4" X 1"	1.58	1.67
1 1/2" X 1"	1.65	1.80
2" X 1"	1.73	2.02

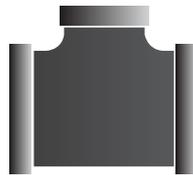
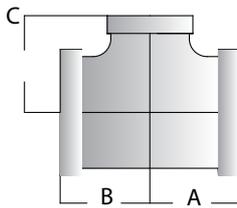
Cap



SIZE	DIM.
	A
1"	1.16
1 1/4"	1.28
1 1/2"	1.33
2"	1.45

CPS Ductile Iron Threaded Fittings

Reducing Tee

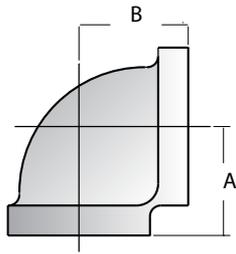


SIZE	DIMENSION		
	A	B	C
1" x 1"x 1/2"	1.26	1.26	1.36
1" x 1" x 3/4"	1.37	1.37	1.45
1" x 1/2" x 1"	1.50	1.36	1.50
1" x 3/4" x 1"	1.50	1.45	1.50
1" x 1" x 1 1/4"	1.67	1.67	1.58
1" x 1" x 1 1/2"	1.80	1.80	1.65
1 1/4" x 1" x 1/2"	1.34	1.26	1.53
1 1/4" x 1" x 3/4"	1.45	1.37	1.62
1 1/4" x 1" x 1"	1.58	1.50	1.67
1 1/4" x 1" x 1 1/4"	1.75	1.67	1.75
1 1/4" x 1" x 1 1/2"	1.88	1.88	1.82
1 1/4" x 1 1/4" x 1/2"	1.34	1.34	1.53
1 1/4" x 1 1/4" x 3/4"	1.45	1.45	1.62
1 1/4" x 1 1/4" x 1"	1.58	1.58	1.67
1 1/4" x 1 1/4" x 1"	1.88	1.88	1.82
1 1/4" x 1 1/4" x 2"	2.10	2.10	1.90
1 1/2" x 1" x 1/2"	1.41	1.34	1.66
1 1/2" x 1" x 3/4"	1.52	1.37	1.75
1 1/2" x 1" x 1"	1.65	1.50	1.80
1 1/2" x 1" x 1 1/4"	1.82	1.67	1.88
1 1/2" x 1" x 1 1/2"	1.94	1.80	1.94
1 1/2" x 1 1/4" x 1/2"	1.41	1.34	1.66
1 1/2" x 1 1/4" x 3/4"	1.52	1.45	1.75
1 1/2" x 1 1/4" x 1"	1.65	1.58	1.80
1 1/2" x 1 1/4" x 2"	2.16	2.10	2.02
1 1/2" x 1 1/2" x 1/2"	1.41	1.41	1.16
1 1/2" x 1 1/2" x 3/4"	1.52	1.52	1.75
1 1/2" x 1 1/2" x 1"	1.65	1.65	1.80
1 1/2" x 1 1/2" x 1"	1.82	1.82	1.88
1 1/2" x 1 1/2" x 2"	2.16	2.16	2.02
2" x 1" x 2"	2.25	2.02	2.25
2" x 1 1/4" x 2"	2.25	2.10	2.25
2" x 1 1/2" x 1/2"	1.49	1.41	1.88
2" x 1 1/2" x 3/4"	1.60	1.52	1.97
2" x 1 1/2" x 1"	1.73	1.65	2.02
2" x 1 1/2" x 1 1/4"	1.90	1.82	2.10
2" x 1 1/2" x 1 1/2"	2.02	1.94	2.16
2" x 1 1/2" x 2"	2.25	2.16	2.25
2" x 2" x 1/2"	1.49	1.49	1.88
2" x 2" x 3/4"	1.60	1.60	1.97
2" x 2" x 1"	1.73	1.73	2.02
2" x 2" x 1 1/4"	1.90	1.90	2.10
2" x 2" x 1 1/2"	2.02	2.02	2.16
2" x 2" x 2 1/2"	2.60	2.60	2.39
2 1/2" x 2" x 3/4"	1.74	1.60	2.32

CPS Cast Iron Threaded Fittings

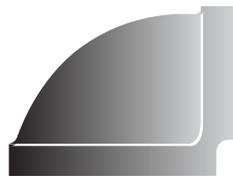
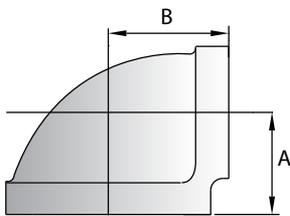
CPS C.I. Threaded fittings are UL, cUL listed and FM approved at 175psi per ASTM 126
 Dimensions conform to ANSI B 16.4 Class 125, Threads are NPT per ANSI/ASME B1.20.1.

90 Deg. Elbow



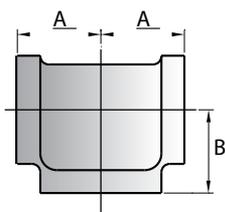
SIZE	DIMENSION	
	A	B
1"	1.50	1.50
1 1/4"	1.75	1.75
1 1/2"	1.94	1.94
2"	2.25	2.25
2 1/2"	2.70	2.70

90 Deg. Red. Elbow



SIZE	DIMENSION	
	A	B
1 X 1/2"	1.26	1.36
1 X 3/4"	1.37	1.45
1 1/4 X 1/2"	1.34	1.53
1 1/4 X 3/4"	1.45	1.62
1 1/4" X 1"	1.58	1.67
1 1/2" X 1/2"	1.60	1.70
1 1/2" X 3/4"	1.61	1.72
1 1/2" X 1"	1.65	1.80
1 1/2" X 1 1/4"	1.82	1.88
2" X 1/2"	1.49	1.88
2" X 3/4"	1.60	1.97
2" X 1"	1.73	2.02
2" X 1 1/4"	1.90	2.10
2" X 1 1/2"	2.02	2.16

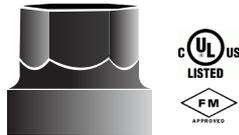
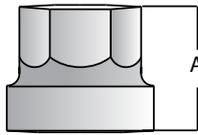
Straight Tee



SIZE	DIMENSION	
	A	B
1"	1.50	1.50
1 1/4"	1.75	1.75
1 1/2"	1.94	1.94
2"	2.25	2.25
2 1/2"	2.70	2.70

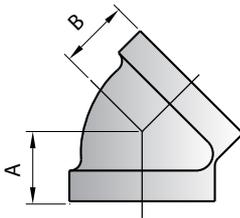
CPS Cast Iron Threaded Fittings

Reducing Coupling



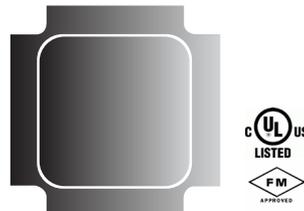
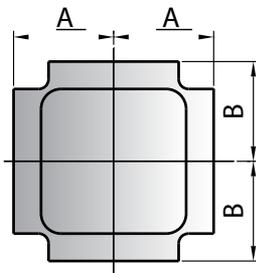
SIZE	DIM	
	A	
1 X 1/2"	1.69	
1 X 3/4"	1.69	

45 Deg. Elbow



SIZE	DIMENSION	
	A	B
1"	1.12	1.12
1 1/4"	1.29	1.29
1 1/2"	1.43	1.43
2"	1.68	1.68

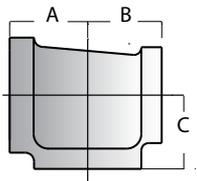
Cross



SIZE	DIMENSION	
	A	B
1"	1.50	1.50
1 1/4"	1.75	1.75
1 1/2"	1.94	1.94
2"	2.25	2.25
1 1/4" X 1"	1.58	1.67
1 1/2" X 1"	1.65	1.80
2" X 1"	1.73	2.02

CPS Cast Iron Threaded Fittings

Reducing Tee



SIZE	DIMENSION		
	A	B	C
1" x 1" x 1/2"	1.26	1.26	1.36
1" x 1" x 3/4"	1.37	1.37	1.45
1" x 1/2" x 1"	1.50	1.36	1.50
1" x 3/4" x 1"	1.50	1.45	1.50
1" x 1" x 1 1/4"	1.67	1.67	1.58
1" x 1" x 1 1/2"	1.80	1.80	1.65
1 1/4" x 1" x 1/2"	1.34	1.26	1.53
1 1/4" x 1" x 3/4"	1.45	1.37	1.62
1 1/4" x 1" x 1"	1.58	1.50	1.57
1 1/4" x 1" x 1 1/4"	1.75	1.67	1.75
1 1/4" x 1" x 1 1/2"	1.88	1.80	1.82
1 1/4" x 1 1/4" x 1/2"	1.34	1.34	1.53
1 1/4" x 1 1/4" x 3/4"	1.45	1.45	1.62
1 1/4" x 1 1/4" x 1"	1.58	1.58	1.67
1 1/4" x 1 1/4" x 1/2"	1.88	1.88	1.82
1 1/4" x 1 1/4" x 2"	2.10	2.10	1.90
1 1/2" x 1" x 1/2"	1.41	1.34	1.66
1 1/2" x 1" x 3/4"	1.52	1.37	1.75
1 1/2" x 1" x 1"	1.65	1.50	1.80
1 1/2" x 1" x 1 1/4"	1.82	1.67	1.88
1 1/2" x 1" x 1 1/2"	1.94	1.80	1.94
1 1/2" x 1 1/4" x 1/2"	1.41	1.34	1.66
1 1/2" x 1 1/4" x 3/4"	1.52	1.45	1.75
1 1/2" x 1 1/4" x 1"	1.65	1.58	1.80
1 1/2" x 1 1/4" x 1 1/4"	1.82	1.75	1.88
1 1/2" x 1 1/4" x 1 1/2"	1.94	1.88	1.94
1 1/2" x 1 1/4" x 2"	2.16	2.10	2.02
1 1/2" x 1 1/2" x 1/2"	1.41	1.41	1.66
1 1/2" x 1 1/2" x 3/4"	1.52	1.52	1.75
1 1/2" x 1 1/2" x 1"	1.65	1.65	1.80
1 1/2" x 1 1/2" x 1 1/4"	1.82	1.82	1.88
1 1/2" x 1 1/2" x 2"	2.16	2.16	2.02
2" x 1" x 2"	2.25	2.02	2.25
2" x 1 1/4" x 2"	2.25	2.10	2.25
2" x 1 1/2" x 1/2"	1.49	1.41	1.88
2" x 1 1/2" x 3/4"	1.60	1.52	1.97
2" x 1 1/2" x 1"	1.73	1.65	2.02
2" x 1 1/2" x 1 1/4"	1.90	1.82	2.10
2" x 1 1/2" x 1 1/2"	1.49	1.41	1.88
2" x 1 1/2" x 2"	2.25	2.16	2.25
2" x 2" x 1/2"	1.49	1.49	1.88
2" x 2" x 3/4"	1.60	1.60	1.97
2" x 2" x 1"	1.73	1.73	2.02
2" x 2" x 1 1/4"	1.90	1.90	2.10
2" x 2" x 1 1/2"	2.02	2.02	2.16
2" x 2" x 2 1/2"	2.60	2.60	2.39