



SMITH - COOPER INTERNATIONAL



Ductile Iron Threaded Fittings



* ALL FITTINGS 100% AIR TESTED
* ISO 9001:2000 MANUFACTURER
* LISTED/APPROVED AT 500 PSI

* ASME / ANSI B16.3
* ASTM A536 Grade 65,45,12
* ASME / ANSI B 1.20.1



Ductile Iron 90° Elbow

Figure 35E	Size	A	Wgt
	1/2	1.13	0.24
	3/4	1.31	0.40
	1	1.50	0.64
	1-1/4	1.75	0.95
	1-1/2	1.94	1.24
	2	2.25	1.74
	2-1/2	2.70	3.28

Ductile Iron Coupling

Figure 35CP	Size	A	Wgt
	1/2	1.38	0.18
	3/4	1.63	0.26
	1	1.75	0.44
	1-1/4	2.00	0.54
	1-1/2	2.19	0.71
	2	2.62	1.15
	2-1/2	3.00	2.29

Ductile Iron Reducing 90° Elbow

Figure 35RE	Size	A	B	Wgt
	3/4 x 1/2	1.22	1.20	0.33
	1 x 1/2	1.36	1.26	0.44
	1 x 3/4	1.45	1.38	0.53
	1-1/4 x 1/2	1.53	1.34	0.64
	1-1/4 x 3/4	1.63	1.45	0.75
	1-1/4 x 1	1.67	1.58	0.77
	1-1/2 x 1/2	1.75	1.52	0.90
	1-1/2 x 3/4	1.75	1.52	0.95
	1-1/2 x 1	1.80	1.65	0.99
	1-1/2 x 1-1/4	1.88	1.82	1.14
	2 x 1/2	1.97	1.60	1.35
	2 x 3/4	1.97	1.60	1.39
	2 x 1	2.02	1.73	1.58
	2 x 1-1/4	2.10	1.90	1.62
	2 x 1-1/2	2.16	2.02	1.67
2-1/2 x 1-1/2	2.51	2.16	2.32	
2-1/2 x 2	2.60	2.39	3.01	

Ductile Iron Cap

Figure 35C	Size	A	Wgt
	1/2	0.87	0.15
	3/4	0.97	0.22
	1	1.16	0.33
	1-1/4	1.28	0.54
	1-1/2	1.33	0.68
	2	1.45	0.96
	2-1/2	1.70	1.80

Ductile Iron Hex Bushing

Figure 35HB	Size	A	Wgt
	1 x 1/2	1.06	0.22
	1 x 3/4	1.06	0.18
	1-1/4 x 1	1.19	0.31
	1-1/2 x 1	1.25	0.53
	1-1/2 x 1-1/4	1.25	0.35
	2 x 1	1.38	0.75
	2 x 1-1/4	1.38	0.69
	2 x 1-1/2	1.38	0.62

Ductile Iron Brass Seat Union

Figure 35U	Size	A	Wgt
	1/2	1.88	0.47
	3/4	2.00	0.66
	1	2.19	1.08
	1-1/4	2.50	1.54
	1-1/2	2.62	2.03
	2	3.12	3.15

Ductile Iron 45° Elbow

Figure 35F	Size	A	Wgt
	1/2	0.88	0.22
	3/4	0.98	0.33
	1	1.13	0.48
	1-1/4	1.29	0.73
	1-1/2	1.44	0.93
	2	1.69	1.55
	2-1/2	1.95	2.70

Ductile Iron Tee

Figure 35T	Size	A	Wgt
	1/2	1.13	0.33
	3/4	1.31	0.50
	1	1.50	0.85
	1-1/4	1.75	1.30
	1-1/2	1.94	1.63
	2	2.25	2.63
	2-1/2	2.70	4.55

Ductile Iron Beam Clamps

	Figure 35SP		
	Size	A	Wgt
	3/8	0.75	0.31
1/2	0.75	0.54	



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Ductile Iron Bull Head Tee

Figure 35BT				
Size	A	B	C	Wgt
3/4 x 3/4 x 1	1.45	1.45	1.37	0.68
1 x 1 x 1-1/4	1.67	1.67	1.58	0.97
1 x 1 x 1-1/2	1.80	1.80	1.65	1.14
1-1/4 x 1 x 1-1/2	1.88	1.80	1.82	1.43
1-1/4 x 1-1/4 x 1-1/2	1.88	1.88	1.82	1.52
1-1/4 x 1-1/4 x 2	2.10	2.10	1.90	2.00
1-1/2 x 1-1/4 x 2	2.16	2.10	2.02	1.94
1-1/2 x 1-1/2 x 2	2.16	2.16	2.02	2.00
2 x 2 x 2-1/2	2.60	2.60	2.39	3.67

Ductile Iron Reducing Tee

Figure 35RT

Size	A	B	C	Wgt
3/4 x 3/4 x 1/2	1.20	1.20	1.22	0.46
1 x 1/2 x 1	1.50	1.36	1.50	0.70
1 x 3/4 x 3/4	1.38	1.31	1.45	0.68
1 x 3/4 x 1	1.50	1.45	1.50	0.77
1 x 1 x 1/2	1.26	1.26	1.36	0.66
1 x 1 x 3/4	1.38	1.38	1.45	0.73
1-1/4 x 1/2 x 1-1/4	1.75	1.53	1.75	1.04
1-1/4 x 3/4 x 1-1/4	1.75	1.62	1.75	1.09
1-1/4 x 1 x 1/2	1.34	1.26	1.53	0.81
1-1/4 x 1 x 3/4	1.45	1.38	1.63	0.90
1-1/4 x 1 x 1	1.58	1.50	1.69	1.03
1-1/4 x 1 x 1-1/4	1.75	1.69	1.75	1.10
1-1/4 x 1-1/4 x 1/2	1.34	1.34	1.53	0.87
1-1/4 x 1-1/4 x 3/4	1.45	1.45	1.62	0.96
1-1/4 x 1-1/4 x 1	1.58	1.58	1.67	1.10
1-1/2 x 1/2 x 1-1/4	1.81	1.56	1.88	1.37
1-1/2 x 1/2 x 1-1/2	1.94	1.66	1.94	1.42
1-1/2 x 3/4 x 1-1/4	1.94	1.66	1.88	1.42
1-1/2 x 3/4 x 1-1/2	1.94	1.75	1.94	1.47
1-1/2 x 1 x 1/2	1.44	1.25	1.69	0.97
1-1/2 x 1 x 3/4	1.50	1.44	1.75	1.14
1-1/2 x 1 x 1	1.65	1.50	1.80	1.14
1-1/2 x 1 x 1-1/4	1.82	1.67	1.88	1.47
1-1/2 x 1 x 1-1/2	1.94	1.80	1.94	1.52
1-1/2 x 1-1/4 x 1/2	1.41	1.34	1.66	1.03
1-1/2 x 1-1/4 x 3/4	1.52	1.45	1.75	1.10
1-1/2 x 1-1/4 x 1	1.65	1.58	1.80	1.31
1-1/2 x 1-1/4 x 1-1/4	1.82	1.75	1.88	1.52
1-1/2 x 1-1/4 x 1-1/2	1.94	1.88	1.94	1.50
1-1/2 x 1-1/2 x 1/2	1.41	1.41	1.66	1.14
1-1/2 x 1-1/2 x 3/4	1.52	1.52	1.75	1.23
1-1/2 x 1-1/2 x 1	1.65	1.65	1.80	1.38
1-1/2 x 1-1/2 x 1-1/4	1.82	1.82	1.88	1.50
2 x 1 x 2	2.25	2.02	2.25	2.18
2 x 1-1/4 x 2	2.25	2.10	2.25	2.31
2 x 1-1/2 x 1/2	1.49	1.41	1.88	1.50
2 x 1-1/2 x 3/4	1.60	1.52	1.97	1.61
2 x 1-1/2 x 1	1.73	1.65	2.02	1.65
2 x 1-1/2 x 1-1/4	1.90	1.82	2.10	2.03
2 x 1-1/2 x 1-1/2	2.02	1.94	2.16	2.37
2 x 1-1/2 x 2	2.25	2.16	2.25	2.53
2 x 2 x 1/2	1.49	1.49	1.88	1.50
2 x 2 x 3/4	1.60	1.60	1.97	1.67
2 x 2 x 1	1.73	1.73	2.02	1.91
2 x 2 x 1-1/4	1.90	1.90	2.10	2.05
2 x 2 x 1-1/2	2.02	2.02	2.16	2.11

Ductile Iron Hex Reducing Coupling

Figure 35RC	Size	A	Wgt
	1 x 1/2	1.69	0.40
	1 x 3/4	1.69	0.38
	1-1/4 x 3/4	2.06	0.53
	2 x 1(not hex)	2.81	0.53

Ductile Iron Cross & Reducing Cross

Figure 35X	Size	A	B	Wgt
	1	1.50	1.50	0.97
	1-1/4	1.75	1.75	1.59
	1-1/2	1.94	1.94	1.89
	2	2.25	2.25	2.93
Figure 35RX				
Size	A	B	Wgt	
1-1/4 x 1	1.67	1.58	1.25	
1-1/2 x 1	1.80	1.65	1.48	
2 x 1	2.02	1.73	2.64	

Ductile Iron Plugs

Figure 35SP	Size	A	Wgt
	1/2	0.94	0.10
	3/4	1.12	0.18
	1	1.25	0.28
	1-1/4	1.37	0.50
	1-1/2	1.44	0.70
	2	1.50	0.90