Malleable Iron Threaded Fittings

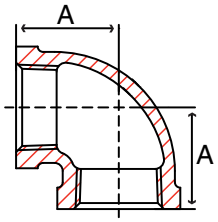
Class 150 and Class 300 Specifications

- SCI branded Class 150 fittings are UL Listed and FM Approved at 300 psi
- SCI branded Class 300 fittings are UL Listed
- Hot-dipped galvanized fittings are certified to; NSF/ANSI 372 and California AB1953 Lead Free
- Canadian Registration Numbers available at www.smithcooper.com
- Malleable castings conform to ASTM A197
- Hot-dipped galvanized fittings conform to ASTM A153
- Malleable fitting dimensions conform to ASME B16.3
- Malleable bushings, plugs and locknuts conform to ASME B16.14
- Malleable unions conform to ASME B16.39
- NPT threads on all fittings conform to ASME B1.20.1
- Independent lab verification that fittings meet applicable chemical & mechanical properties
- Manufacturing facilities are ISO 9001:2008 and ISO 14001
- SCI branded fittings are 100% air tested
- ProPak™ Packaging

c UL us LISTED

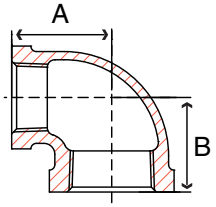
FM APPROVED

Fig. 33E 1 & 34E 1 – 90° Elbow



Size	Part Number		A	Packing		Weight
in	Black	Galvanized	in	Inner	Master	lb
1/8	33E 1001C	34E 1001C	0.69	50	800	0.1
1/4	33E 1002C	34E 1002C	0.81	35	560	0.1
3/8	33E 1003C	34E 1003C	0.95	45	360	0.2
1/2	33E 1004C	34E 1004C	1.12	50	200	0.2
3/4	33E 1006C	34E 1006C	1.31	35	140	0.3
1	33E 1010C	34E 1010C	1.50	20	80	0.6
1-1/4	33E 1012C	34E 1012C	1.75	20	40	0.9
1-1/2	33E 1014C	34E 1014C	1.94	15	30	1.2
2	33E 1020C	34E 1020C	2.25	8	16	1.8
2-1/2	33E 1024C	34E 1024C	2.70	6	12	3.1
3	33E 1030C	34E 1030C	3.08	-	7	3.9
3-1/2	33E 1034C	34E 1034C	3.42	-	4	6.6
4	33E 1040C	34E 1040C	3.79	-	3	7.5
5	33E 1050C	34E 1050C	4.50	-	2	13.2
6	33E 1060C	34E 1060C	5.13	-	1	19.8
8	33E 1080C	34E 1080C	6.38	-	1	32.0

Fig. 33RE1 & 34RE1 – 90° Reducing Elbow



Size	Part Number		A	B	Packing		Weight
in	Black	Galvanized	in	in	Inner	Master	lb
1/4 x 1/8	33RE1002001C	34RE1002001C	0.76	0.74	40	640	0.2
3/8 x 1/8	33RE1003001C	34RE1003001C	0.85	0.81	70	560	0.2
3/8 x 1/4	33RE1003002C	34RE1003002C	0.90	0.88	60	480	0.2
1/2 x 1/8	33RE1004001C	34RE1004001C	0.98	0.96	50	400	0.2
1/2 x 1/4	33RE1004002C	34RE1004002C	0.98	0.97	40	320	0.2
1/2 x 3/8	33RE1004003C	34RE1004003C	1.04	1.03	50	200	0.2
3/4 x 1/8	33RE1006001C	34RE1006001C	1.08	1.02	40	160	0.3
3/4 x 1/4	33RE1006002C	34RE1006002C	1.08	1.05	40	160	0.3
3/4 x 3/8	33RE1006003C	34RE1006003C	1.13	1.12	40	160	0.3
3/4 x 1/2	33RE1006004C	34RE1006004C	1.22	1.20	40	160	0.3
1 x 1/4	33RE1010002C	34RE1010002C	1.22	1.10	25	300	0.3
1 x 3/8	33RE1010003C	34RE1010003C	1.27	1.18	25	100	0.5
1 x 1/2	33RE1010004C	34RE1010004C	1.36	1.26	25	100	0.4
1 x 3/4	33RE1010006C	34RE1010006C	1.45	1.37	25	100	0.5
1-1/4 x 1/2	33RE1012004C	34RE1012004C	1.53	1.34	20	80	0.6
1-1/4 x 3/4	33RE1012006C	34RE1012006C	1.62	1.45	15	60	0.7
1-1/4 x 1	33RE1012010C	34RE1012010C	1.67	1.58	10	40	0.8
1-1/2 x 1/2	33RE1014004C	34RE1014004C	1.75	1.52	15	60	0.8
1-1/2 x 3/4	33RE1014006C	34RE1014006C	1.75	1.52	10	40	0.8
1-1/2 x 1	33RE1014010C	34RE1014010C	1.80	1.65	10	40	0.9
1-1/2 x 1-1/4	33RE1014012C	34RE1014012C	1.88	1.82	8	32	1.1
2 x 1/2	33RE1020004C	34RE1020004C	1.97	1.60	10	40	1.2
2 x 3/4	33RE1020006C	34RE1020006C	1.97	1.60	10	40	1.2
2 x 1	33RE1020010C	34RE1020010C	2.02	1.73	14	28	1.5
2 x 1-1/4	33RE1020012C	34RE1020012C	2.10	1.90	10	20	1.5
2 x 1-1/2	33RE1020014C	34RE1020014C	2.16	2.02	10	20	1.6
2-1/2 x 3/4	33RE1024006C	34RE1024006C	2.30	1.73	10	20	1.9
2-1/2 x 1	33RE1024010C	34RE1024010C	2.36	1.87	8	16	2.1
2-1/2 x 1-1/4	33RE1024012C	34RE1024012C	2.44	2.03	8	16	2.2
2-1/2 x 1-1/2	33RE1024014C	34RE1024014C	2.51	2.16	8	16	2.3
2-1/2 x 2	33RE1024020C	34RE1024020C	2.60	2.39	8	16	2.6
3 x 1/2	33RE1030004C	34RE1030004C	2.56	1.69	10	20	6.0
3 x 3/4	33RE1030006C	34RE1030006C	2.60	1.87	8	16	6.6
3 x 1	33RE1030010C	34RE1030010C	2.66	1.99	8	16	2.4
3 x 1-1/4	33RE1030012C	34RE1030012C	2.74	2.16	5	10	6.0
3 x 1-1/2	33RE1030014C	34RE1030014C	2.80	2.28	-	8	2.5
3 x 2	33RE1030020C	34RE1030020C	2.89	2.52	-	8	2.7
3 x 2-1/2	33RE1030024C	34RE1030024C	2.99	2.83	-	8	4.0
4 x 1-1/2	33RE1040014C	34RE1040014C	2.31	2.50	-	5	4.7
4 x 2	33RE1040020C	34RE1040020C	3.41	2.74	-	5	5.1
4 x 2-1/2	33RE1040024C	34RE1040024C	3.50	3.05	-	5	6.3
4 x 3	33RE1040030C	34RE1040030C	3.60	3.30	-	5	6.6