Building connections that last™

ASC™ Engineered Solutions

SCI®
Malleable Iron Threaded Fittings

SCI® An ASC Engineered Solution

Malleable Iron Threaded Fittings

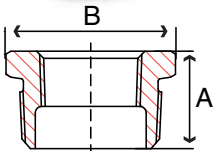
Class 150 and Class 300 Specifications

- 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. 33HB1 & 34HB1 – Hex Bushing



Size	Part Number		A	B	Hex	Packing		Weight
in	Black	Galvanized	in	in		Inner	Master	lb
1/4 x 1/8	33HB1002001C	34HB1002001C	0.61	.066	Out	120	1920	0.05
3/8 x 1/8	33HB1003001C	34HB1003001C	0.81	0.73	Out	75	1200	0.05
3/8 x 1/4	33HB1003002C	34HB1003002C	0.81	0.73	Out	75	1200	0.05
1/2 x 1/8	33HB1004001C	34HB1004001C	0.95	0.88	Out	100	800	0.1
1/2 x 1/4	33HB1004002C	34HB1004002C	0.95	0.88	Out	100	800	0.1
1/2 x 3/8	33HB1004003C	34HB1004003C	0.95	0.88	Out	100	800	0.1
3/4 x 1/8	33HB1006001C	34HB1006001C	0.95	1.18	Out	40	320	0.2
3/4 x 1/4	33HB1006002C	34HB1006002C	1.05	1.18	Out	40	320	0.2
3/4 x 3/8	33HB1006003C	34HB1006003C	1.05	1.18	Out	40	320	0.2
3/4 x 1/2	33HB1006004C	34HB1006004C	1.05	1.18	Out	40	320	0.2
1 x 1/8	33HB1010001C	34HB1010001C	1.12	1.15	In	30	240	0.2
1 x 1/4	33HB1010002C	34HB1010002C	1.12	1.15	In	30	240	0.2
1 x 3/8	33HB1010003C	34HB1010003C	1.16	1.40	Out	30	240	0.2
1 x 1/2	33HB1010004C	34HB1010004C	1.16	1.40	Out	30	240	0.2
1 x 3/4	33HB1010006C	34HB1010006C	1.18	1.40	Out	30	240	0.2
1-1/4 x 1/4	33HB1012002C	34HB1012002C	1.16	1.15	In	30	120	0.4
1-1/4 x 3/8	33HB1012003C	34HB1012003C	1.20	1.15	In	30	120	0.4
1-1/4 x 1/2	33HB1012004C	34HB1012004C	1.25	1.38	In	30	120	0.4
1-1/4 x 3/4	33HB1012006C	34HB1012006C	1.25	1.80	Out	30	120	0.3
1-1/4 x 1	33HB1012010C	34HB1012010C	1.25	1.80	Out	30	120	0.3
1-1/2 x 1/8	33HB1014001C	34HB1014001C	1.30	1.18	In	25	100	0.4
1-1/2 x 1/4	33HB1014002C	34HB1014002C	1.30	1.18	In	25	100	0.6
1-1/2 x 3/8	33HB1014003C	34HB1014003C	1.30	1.18	In	25	100	0.6
1-1/2 x 1/2	33HB1014004C	34HB1014004C	1.30	1.40	In	25	100	0.5
1-1/2 x 3/4	33HB1014006C	34HB1014006C	1.30	1.66	In	25	100	0.5
1-1/2 x 1	33HB1014010C	34HB1014010C	1.30	1.95	Out	25	100	0.5
1-1/2 x 1-1/4	33HB1014012C	34HB1014012C	1.30	1.95	Out	25	100	0.3
2 x 1/4	33HB1020002C	34HB1020002C	1.40	1.18	In	20	80	0.7
2 x 3/8	33HB1020003C	34HB1020003C	1.40	1.18	In	20	80	0.8
2 x 1/2	33HB1020004C	34HB1020004C	1.50	1.37	In	20	80	0.9
2 x 3/4	33HB1020006C	34HB1020006C	1.50	1.68	In	20	80	0.9
2 x 1	33HB1020010C	34HB1020010C	1.50	1.97	In	20	80	0.8
2 x 1-1/4	33HB1020012C	34HB1020012C	1.50	2.55	Out	20	80	0.7
2 x 1-1/2	33HB1020014C	34HB1020014C	1.50	2.55	Out	20	80	0.7
2-1/2 x 1/2	33HB1024004C	34HB1024004C	1.70	3.25	Out	15	60	0.9
2-1/2 x 3/4	33HB1024006C	34HB1024006C	1.58	1.65	In	15	60	1.5
2-1/2 x 1	33HB1024010C	34HB1024010C	1.58	2.00	In	15	60	1.5
2-1/2 x 1-1/4	33HB1024012C	34HB1024012C	1.58	2.40	In	15	60	1.4
2-1/2 x 1-1/2	33HB1024014C	34HB1024014C	1.58	2.70	In	12	48	1.4
2-1/2 x 2	33HB1024020C	34HB1024020C	1.65	3.00	Out	12	48	1.1
3 x 1/2	33HB1030004C	34HB1030004C	1.88	3.80	Out	6	24	2.0
3 x 3/4	33HB1030006C	34HB1030006C	1.75	1.70	In	6	24	1.9
3 x 1	33HB1030010C	34HB1030010C	1.70	2.00	In	6	24	2.1
3 x 1-1/4	33HB1030012C	34HB1030012C	1.70	2.40	In	6	24	2.1
3 x 1-1/2	33HB1030014C	34HB1030014C	1.70	2.70	In	6	24	2.2
3 x 2	33HB1030020C	34HB1030020C	1.80	3.70	Out	6	24	2.0
3 x 2-1/2	33HB1030024C	34HB1030024C	1.90	3.90	Out	6	24	1.6
3-1/2 x 1-1/2	33HB1034014C	34HB1034014C	1.75	2.75	In	-	20	1.5
3-1/2 x 2	33HB1034020C	34HB1034020C	1.94	1.80	In	-	20	2.4
3-1/2 x 2-1/2	33HB1034024C	34HB1034024C	1.70	4.30	Out	-	20	2.5
3-1/2 x 3	33HB1034030C	34HB1034030C	1.75	4.60	Out	-	20	1.9
4 x 3/4	33HB1040006C	34HB1040006C	2.00	2.00	In	-	20	4.4
4 x 1	33HB1040010C	34HB1040010C	1.90	2.00	In	-	20	4.5
4 x 1-1/4	33HB1040012C	34HB1040012C	1.90	2.40	In	-	20	2.7
4 x 1-1/2	33HB1040014C	34HB1040014C	1.90	2.70	In	-	20	4.2
4 x 2	33HB1040020C	34HB1040020C	1.90	3.30	In	-	20	3.8
4 x 2-1/2	33HB1040024C	34HB1040024C	1.90	3.95	In	-	20	3.9
4 x 3	33HB1040030C	34HB1040030C	2.10	4.70	Out	-	20	3.3
4 x 3-1/2	33HB1040034C	34HB1040034C	2.33	4.75	Out	-	20	3.0
5 x 2	33HB1050020C	34HB1050020C	2.05	3.30	In	-	10	5.1
5 x 2-1/2	33HB1050024C	34HB1050024C	2.10	4.00	In	-	10	4.2
5 x 3	33HB1050030C	34HB1050030C	2.10	4.70	In	-	10	4.4
5 x 4	33HB1050040C	34HB1050040C	2.10	5.80	Out	-	10	4.0

Bushings may have hexagon or octagon heads.