

# BLACK IRON PIPE FITTINGS

## SCHEDULE 40 (150 LB.)



A



### BUSHING

PART No.	Pipe	to	Pipe
BI-110-BA	1/4	to	1/8
BI-110-CA	3/8	to	1/8
BI-110-CB	3/8	to	1/4
BI-110-DA	1/2	to	1/8
BI-110-DB	1/2	to	1/4
BI-110-DC	1/2	to	3/8
BI-110-EB	3/4	to	1/4
BI-110-EC	3/4	to	3/8
BI-110-ED	3/4	to	1/2
BI-110-HB	1	to	1/4
BI-110-HC	1	to	3/8
BI-110-HD	1	to	1/2
BI-110-HE	1	to	3/4
BI-110-JD	1-1/4	to	1/2
BI-110-JE	1-1/4	to	3/4
BI-110-JH	1-1/4	to	1
BI-110-KD	1-1/2	to	1/2
BI-110-KE	1-1/2	to	3/4
BI-110-KH	1-1/2	to	1
BI-110-KJ	1-1/2	to	1-1/4
BI-110-MD	2	to	1/2
BI-110-ME	2	to	3/4
BI-110-MH	2	to	1
BI-110-MJ	2	to	1-1/4
BI-110-MK	2	to	1-1/2
BI-110-NH	2-1/2	to	1
BI-110-NJ	2-1/2	to	1-1/4
BI-110-NK	2-1/2	to	1-1/2
BI-110-NM	2-1/2	to	2
BI-110-PM	3	to	2
BI-110-PN	3	to	2-1/2
BI-110-SM	4	to	2
BI-110-SN	4	to	2-1/2
BI-110-SP	4	to	3



### REDUCING COUPLING

PART No.	Pipe	to	Pipe
BI-119-BA	1/4	to	1/8
BI-119-CA	3/8	to	1/8
BI-119-CB	3/8	to	1/4
BI-119-DB	1/2	to	1/4
BI-119-DC	1/2	to	3/8
BI-119-EB	3/4	to	1/4
BI-119-EC	3/4	to	3/8
BI-119-ED	3/4	to	1/2
BI-119-HB	1	to	1/4
BI-119-HC	1	to	3/8
BI-119-HD	1	to	1/2
BI-119-HE	1	to	3/4
BI-119-JD	1-1/4	to	1/2
BI-119-JE	1-1/4	to	3/4
BI-119-JH	1-1/4	to	1
BI-119-KE	1-1/2	to	3/4
BI-119-KH	1-1/2	to	1
BI-119-KJ	1-1/2	to	1-1/4
BI-119-ME	2	to	3/4
BI-119-MH	2	to	1
BI-119-MJ	2	to	1-1/4
BI-119-MK	2	to	1-1/2
BI-119-NK	2-1/2	to	1-1/2
BI-119-NM	2-1/2	to	2
BI-119-PM	3	to	2
BI-119-PN	3	to	2-1/2
BI-119-SP	4	to	3



### COUPLING FOR REDUCING COUPLING SEE PART No BI-119 SERIES

PART No.	Pipe
BI-103-A	1/8
BI-103-B	1/4
BI-103-C	3/8
BI-103-D	1/2
BI-103-E	3/4
BI-103-H	1
BI-103-J	1-1/4
BI-103-K	1-1/2
BI-103-M	2
BI-103-N	2-1/2
BI-103-P	3
BI-103-S	4



### UNION

PART No.	Pipe
BI-104-A	1/8
BI-104-B	1/4
BI-104-C	3/8
BI-104-D	1/2
BI-104-E	3/4
BI-104-H	1
BI-104-J	1-1/4
BI-104-K	1-1/2
BI-104-M	2
BI-104-N	2-1/2
BI-104-P	3
BI-104-S	4



### CLOSE NIPPLE

PART No.	Pipe
BI-112-A	1/8
BI-112-B	1/4
BI-112-C	3/8
BI-112-D	1/2
BI-112-E	3/4
BI-112-H	1
BI-112-J	1-1/4
BI-112-K	1-1/2
BI-112-M	2
BI-112-N	2-1/2
BI-112-P	3
BI-112-S	4



### LONG NIPPLE

PART No.	Pipe	Length (IN.)
BI-113-A1-1/2	1/8	1-1/2
BI-113-A2	1/8	2
BI-113-A2-1/2	1/8	2-1/2
BI-113-A3	1/8	3
BI-113-A3-1/2	1/8	3-1/2
BI-113-A4	1/8	4
BI-113-A4-1/2	1/8	4-1/2
BI-113-A5	1/8	5
BI-113-A6	1/8	6
BI-113-B1-1/2	1/4	1-1/2
BI-113-B2	1/4	2
BI-113-B2-1/2	1/4	2-1/2
BI-113-B3	1/4	3
BI-113-B3-1/2	1/4	3-1/2
BI-113-B4	1/4	4
BI-113-B4-1/2	1/4	4-1/2
BI-113-B5	1/4	5
BI-113-B5-1/2	1/4	5-1/2
BI-113-B6	1/4	6



### LONG NIPPLE

PART No.	Pipe	Length (IN.)
BI-113-C1-1/2	3/8	1-1/2
BI-113-C2	3/8	2
BI-113-C2-1/2	3/8	2-1/2
BI-113-C3	3/8	3
BI-113-C3-1/2	3/8	3-1/2
BI-113-C4	3/8	4
BI-113-C4-1/2	3/8	4-1/2
BI-113-C5	3/8	5
BI-113-C5-1/2	3/8	5-1/2
BI-113-C6	3/8	6
BI-113-D1-1/2	1/2	1-1/2
BI-113-D2	1/2	2
BI-113-D2-1/2	1/2	2-1/2
BI-113-D3	1/2	3
BI-113-D3-1/2	1/2	3-1/2
BI-113-D4	1/2	4
BI-113-D4-1/2	1/2	4-1/2
BI-113-D5	1/2	5
BI-113-D5-1/2	1/2	5-1/2
BI-113-D6	1/2	6
BI-113-D7	1/2	7
BI-113-D8	1/2	8
BI-113-E1-1/2	3/4	1-1/2
BI-113-E2	3/4	2
BI-113-E2-1/2	3/4	2-1/2
BI-113-E3	3/4	3
BI-113-E3-1/2	3/4	3-1/2
BI-113-E4	3/4	4
BI-113-E4-1/2	3/4	4-1/2
BI-113-E5	3/4	5
BI-113-E5-1/2	3/4	5-1/2
BI-113-E6	3/4	6
BI-113-H2	1	2
BI-113-H2-1/2	1	2-1/2
BI-113-H3	1	3
BI-113-H3-1/2	1	3-1/2
BI-113-H4	1	4
BI-113-H4-1/2	1	4-1/2
BI-113-H5	1	5
BI-113-H5-1/2	1	5-1/2
BI-113-H6	1	6
BI-113-J2	1-1/4	2
BI-113-J2-1/2	1-1/4	2-1/2
BI-113-J3	1-1/4	3
BI-113-J3-1/2	1-1/4	3-1/2
BI-113-J4	1-1/4	4
BI-113-J4-1/2	1-1/4	4-1/2
BI-113-J5	1-1/4	5
BI-113-J5-1/2	1-1/4	5-1/2
BI-113-J6	1-1/4	6
BI-113-K2	1-1/2	2
BI-113-K2-1/2	1-1/2	2-1/2
BI-113-K3	1-1/2	3
BI-113-K3-1/2	1-1/2	3-1/2
BI-113-K4	1-1/2	4
BI-113-K4-1/2	1-1/2	4-1/2
BI-113-K5	1-1/2	5
BI-113-K5-1/2	1-1/2	5-1/2
BI-113-K6	1-1/2	6
BI-113-M2-1/2	2	2-1/2
BI-113-M3	2	3
BI-113-M3-1/2	2	3-1/2
BI-113-M4	2	4
BI-113-M5	2	5
BI-113-M6	2	6



# BLACK IRON PIPE FITTINGS

## SCHEDULE 40 (150 LB.)

A



### LONG NIPPLE (Continued)

PART No.	Pipe	Length (IN.)
<b>2-1/2 NPT</b>		
BI-113-N3	2-1/2	3
BI-113-N3-1/2	2-1/2	3-1/2
BI-113-N4	2-1/2	4
BI-113-N6	2-1/2	6
<b>3 NPT</b>		
BI-113-P3	3	3
BI-113-P4	3	4
BI-113-P6	3	6
<b>4 NPT</b>		
BI-113-S4	4	4
BI-113-S6	4	6



### CAP

PART No.	Pipe
BI-108-A	1/8
BI-108-B	1/4
BI-108-C	3/8
BI-108-D	1/2
BI-108-E	3/4
BI-108-H	1
BI-108-J	1-1/4
BI-108-K	1-1/2
BI-108-M	2
BI-108-N	2-1/2
BI-108-P	3
BI-108-S	4



### PLUG (Square Head)

PART No.	Pipe
BI-109-A	1/8
BI-109-B	1/4
BI-109-C	3/8
BI-109-D	1/2
BI-109-E	3/4
BI-109-H	1
BI-109-J	1-1/4
BI-109-K	1-1/2
BI-109-M	2
BI-109-N	2-1/2
BI-109-P	3
BI-109-S	4



### LOCK NUT

PART No.	Pipe
BI-111-B	1/4
BI-111-C	3/8
BI-111-D	1/2
BI-111-E	3/4



### 90° ELBOW

PART No.	Pipe
BI-100-A	1/8
BI-100-B	1/4
BI-100-C	3/8
BI-100-D	1/2
BI-100-E	3/4
BI-100-H	1
BI-100-J	1-1/4
BI-100-K	1-1/2
BI-100-M	2
BI-100-N	2-1/2
BI-100-P	3
BI-100-S	4



### REDUCING 90° ELBOW

PART No.	Pipe
BI-100-CB	3/8 to 1/4
BI-100-DB	1/2 to 1/4
BI-100-DC	1/2 to 3/8
BI-100-EC	3/4 to 3/8
BI-100-ED	3/4 to 1/2
BI-100-HD	1 to 1/2
BI-100-HE	1 to 3/4
BI-100-JE	1-1/4 to 3/4
BI-100-JH	1-1/4 to 1
BI-100-KH	1-1/2 to 1
BI-100-KJ	1-1/2 to 1-1/4
BI-100-MJ	2 to 1-1/4
BI-100-MK	2 to 1-1/2
BI-100-NM	2-1/2 to 2



### 45° ELBOW

PART No.	Pipe
BI-105-A	1/8
BI-105-B	1/4
BI-105-C	3/8
BI-105-D	1/2
BI-105-E	3/4
BI-105-H	1
BI-105-J	1-1/4
BI-105-K	1-1/2
BI-105-M	2
BI-105-N	2-1/2
BI-105-P	3
BI-105-S	4



### 90° STREET ELBOW

PART No.	Pipe
BI-116-A	1/8
BI-116-B	1/4
BI-116-C	3/8
BI-116-D	1/2
BI-116-E	3/4
BI-116-H	1
BI-116-J	1-1/4
BI-116-K	1-1/2
BI-116-M	2
BI-116-N	2-1/2
BI-116-P	3
BI-116-S	4



### 45° STREET ELBOW

PART No.	Pipe
BI-124-A	1/8
BI-124-B	1/4
BI-124-C	3/8
BI-124-D	1/2
BI-124-E	3/4
BI-124-H	1
BI-124-J	1-1/4
BI-124-K	1-1/2
BI-124-M	2



### TEE

PART No.	Pipe
BI-101-A	1/8
BI-101-B	1/4
BI-101-C	3/8
BI-101-D	1/2
BI-101-E	3/4
BI-101-H	1
BI-101-J	1-1/4
BI-101-K	1-1/2
BI-101-M	2
BI-101-N	2-1/2
BI-101-P	3
BI-101-S	4



### REDUCING TEE

PART No.	Pipe Size		
	1	2	3
BI-101-ED	3/4	3/4	1/2
BI-101-EDD	3/4	1/2	1/2
BI-101-EDE	3/4	1/2	3/4
BI-101-HD	1	1	1/2
BI-101-HE	1	1	3/4
BI-101-HEE	1	3/4	3/4
BI-101-HEH	1	3/4	1
BI-101-JE	1-1/4	1-1/4	3/4
BI-101-JH	1-1/4	1-1/4	1
BI-101-KJ	1-1/2	1-1/2	1-1/4
BI-101-MK	2	2	1-1/2



### CROSS

PART No.	Pipe
BI-102-C	3/8
BI-102-D	1/2
BI-102-E	3/4
BI-102-H	1
BI-102-J	1-1/4
BI-102-K	1-1/2
BI-102-M	2





**NOTE: FOR GALVANIZED IRON: REPLACE PREFIX BI- WITH GI- (Minimums may apply)  
SCHEDULE 80: REPLACE PREFIX BI- WITH BI80- FOR SCHEDULE 80 (300LB.)**

# STEEL MERCHANT PIPE FITTINGS

(Weldable)













A

BUSHING			COUPLING			COUPLING (Half Height)			PLUG (Square Head)		
											
<b>PART No.</b>	<b>Pipe</b>		<b>PART No.</b>	<b>Pipe</b>		<b>PART No.</b>	<b>Pipe</b>		<b>PART No.</b>	<b>Pipe</b>	
BI-110MC-CB	3/8 to 1/4		BI-103MC-A	1/8		BI-103HMC-A	1/8		BI-109MC-A	1/8	
BI-110MC-DB	1/2 to 1/4		BI-103MC-B	1/4		BI-103HMC-B	1/4		BI-109MC-B	1/4	
BI-110MC-DC	1/2 to 3/8		BI-103MC-C	3/8		BI-103HMC-C	3/8		BI-109MC-C	3/8	
BI-110MC-EA	3/4 to 1/8		BI-103MC-D	1/2		BI-103HMC-D	1/2		BI-109MC-D	1/2	
BI-110MC-EB	3/4 to 1/4		BI-103MC-E	3/4		BI-103HMC-E	3/4		BI-109MC-E	3/4	
BI-110MC-EC	3/4 to 3/8		BI-103MC-H	1		BI-103HMC-H	1		BI-109MC-H	1	
BI-110MC-ED	3/4 to 1/2		BI-103MC-J	1-1/4		BI-103HMC-J	1-1/4				
			BI-103MC-K	1-1/2		BI-103HMC-K	1-1/2				
			BI-103MC-M	2		BI-103HMC-M	2				
			BI-103MC-N	2-1/2							
			BI-103MC-P	3							
			BI-103MC-S	4							

## BRASS D.O.T. AIR BRAKE FITTINGS

(FOR COPPER TUBE)

**NOTE: CERTAIN ITEMS IN THE 1100 SERIES ARE BEING DISCONTINUED  
PLEASE CONFIRM AVAILABILITY OF INVENTORY PRIOR TO ORDERING**

SLEEVE			45° ELBOW Tube To Male Pipe			① ② TEE Tube Three Ends		
								
<b>PART No.</b>	<b>Tube</b>		<b>PART No.</b>	<b>Tube</b>	<b>Pipe</b>	<b>PART No.</b>	<b>Tube</b>	
1160-4	1/4		1174-6B	3/8	1/4	1164-4	1/4	
1160-6	3/8		1174-6C	3/8	3/8	1164-6	3/8	
1160-8	1/2							
NUT			90° ELBOW Tube To Male Pipe			③ TEE Ends Tube To Male Pipe Center Tube		
								
<b>PART No.</b>	<b>Tube</b>		<b>PART No.</b>	<b>Tube</b>	<b>Pipe</b>	<b>PART No.</b>	<b>Tube</b>	<b>Pipe</b>
1161-4	1/4		1169-4A	1/4	1/8	1171-4B	1/4	1/4
1161-6	3/8		1169-4B	1/4	1/4			
1161-8	1/2		1169-6B	3/8	1/4			
			1169-6C	3/8	3/8			
			1169-8C	1/2	3/8			
UNION COUPLING			90° ELBOW Tube To Female Pipe			TEE Ends Tube Center Male Pipe		
								
<b>PART No.</b>	<b>Tube</b>		<b>PART No.</b>	<b>Tube</b>	<b>Pipe</b>	<b>PART No.</b>	<b>Tube</b>	<b>Pipe</b>
1162-4	1/4		1170-4A	1/4	1/8	1172-6B	3/8	1/4
1162-6	3/8		1170-6B	3/8	1/4	1172-6C	3/8	3/8
1162-8	1/2							
CONNECTOR Tube To Male Pipe								
								
<b>PART No.</b>	<b>Tube</b>	<b>Pipe</b>						
1168-4A	1/4	1/8						
1168-4B	1/4	1/4						
1168-6B	3/8	1/4						
1168-6C	3/8	3/8						
1168-8C	1/2	3/8						
1168-8D	1/2	1/2						