

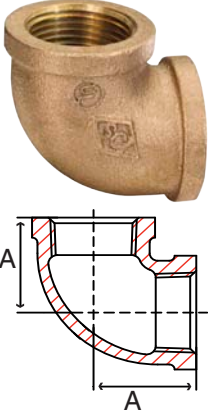
# SMITH-COOPER®

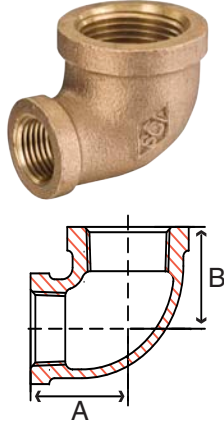
I N T E R N A T I O N A L

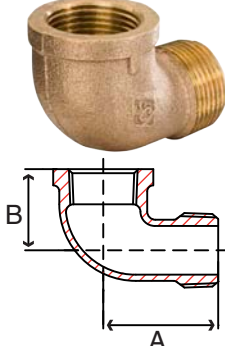
CORPORATE OFFICE TEL (800) 766-0076 LOCAL (323) 890-4455 FAX (323) 890-4456  
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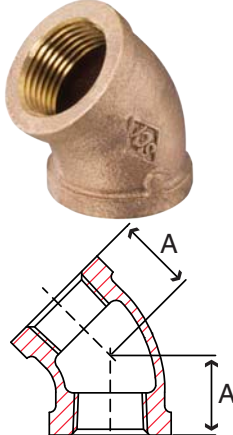
**Bronze Fittings & Flanges**  
**Brass Nipples**

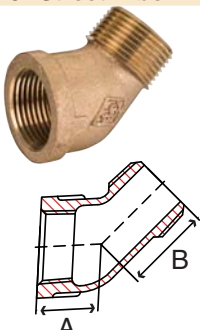
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
	1/8	36E 1001C	0.54	-	-	0.078	50	800
	1/4	36E 1002C	0.71	-	-	0.121	35	560
	3/8	36E 1003C	0.82	-	-	0.174	45	360
	1/2	36E 1004C	1.01	-	-	0.242	50	200
	3/4	36E 1006C	1.18	-	-	0.339	35	140
	1	36E 1010C	1.43	-	-	0.612	20	80
	1-1/4	36E 1012C	1.69	-	-	0.951	20	40
	1-1/2	36E 1014C	1.84	-	-	1.297	15	30
	2	36E 1020C	2.12	-	-	2.065	8	16
	2-1/2	36E 1024C	2.70	-	-	3.8019	6	12
	3	36E 1030C	3.08	-	-	4.760	-	7
	4	36E 1040C	3.79	-	-	9.708	-	3

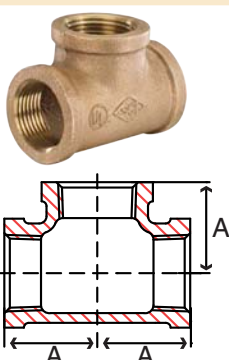
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Inner	Master
			A	B	C			
	3/8x1/4	36RE1003002C	0.78	0.75	-	0.160	60	480
	1/2x1/4	36RE1004002C	0.98	0.97	-	0.206	50	400
	1/2x3/8	36RE1004003C	0.93	0.90	-	0.239	50	200
	3/4x1/4	36RE1006002C	1.08	1.05	-	0.256	40	160
	3/4x3/8	36RE1006003C	1.13	1.12	-	0.312	40	160
	3/4x1/2	36RE1006004C	1.11	1.08	-	0.439	50	200
	1x1/2	36RE1010004C	1.24	1.20	-	0.515	25	100
	1x3/4	36RE1010006C	1.31	1.30	-	0.582	30	120
	1-1/4x1/2	36RE1012004C	1.53	1.34	-	0.675	20	80
	1-1/4x3/4	36RE1012006C	1.48	1.39	-	0.791	15	60
	1-1/4x1	36RE1012010C	1.60	1.52	-	0.797	10	40
	1-1/2x1/2	36RE1014004C	1.62	1.38	-	0.713	15	60
	1-1/2x3/4	36RE1014006C	1.72	1.52	-	0.875	15	60
	1-1/2x1	36RE1014010C	1.72	1.55	-	1.072	10	40
	1-1/2x1-1/4	36RE1014012C	1.81	1.72	-	1.094	8	32
	2x1/2	36RE1020004C	1.90	1.56	-	1.102	10	40
	2x3/4	36RE1020006C	1.90	1.68	-	1.190	10	40
	2x1	36RE1020010C	2.02	1.73	-	1.410	14	28
	2x1-1/4	36RE1020012C	2.10	1.90	-	1.530	10	20
	2x1-1/2	36RE1020014C	2.07	1.89	-	1.650	10	20
	2-1/2x1	36RE1024010C	2.36	1.87	-	2.280	8	16
	2-1/2x1-1/4	36RE1024012C	2.44	2.03	-	2.600	8	16
	2-1/2x1-1/2	36RE1024014C	2.51	2.16	-	2.964	8	16
	2-1/2x2	36RE1024020C	2.60	2.39	-	3.182	8	16
	3x1-1/4	36RE1030012C	2.74	2.16	-	2.850	5	10
	3x1-1/2	36RE1030014C	2.80	2.28	-	2.750	5	10
	3x2	36RE1030020C	2.89	2.52	-	4.216	-	8
	3x2-1/2	36RE1030024C	2.99	2.83	-	4.099	-	8

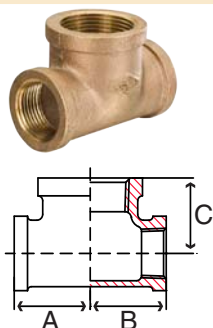
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Inner	Master
			A	B	C			
	1/8	36SE1001C	0.92	0.54	-	0.078	60	960
	1/4	36SE1002C	1.11	0.71	-	0.121	35	560
	3/8	36SE1003C	1.24	0.82	-	0.174	40	320
	1/2	36SE1004C	1.48	1.01	-	0.244	75	300
	3/4	36SE1006C	1.65	1.18	-	0.374	40	160
	1	36SE1010C	1.98	1.43	-	0.578	40	80
	1-1/4	36SE1012C	2.24	1.69	-	0.891	25	50
	1-1/2	36SE1014C	2.46	1.84	-	1.157	9	36
	2	36SE1020C	2.88	2.12	-	2.065	10	20
	2-1/2	36SE1024C	3.86	2.70	-	4.053	-	10
	3	36SE1030C	4.51	3.08	-	4.760	-	7
	4	36SE1040C	5.69	3.79	-	11.46	-	3

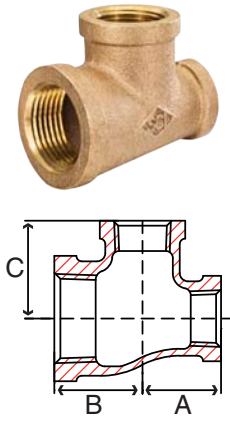
SCI Bronze Fittings and Flanges are true 85/5/5 Bronze, conform to ASTM B62, ASME B16.15, ASME B16.24, WW-U-516B, and ASME B1.20.1

Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
	1/8	36F 1001C	0.42	-	-	0.075	50	800
	1/4	36F 1002C	0.56	-	-	0.125	30	480
	3/8	36F 1003C	0.63	-	-	0.166	50	400
	1/2	36F 1004C	0.78	-	-	0.207	50	200
	3/4	36F 1006C	0.89	-	-	0.317	40	160
	1	36F 1010C	1.06	-	-	0.519	20	80
	1-1/4	36F 1012C	1.22	-	-	0.786	20	40
	1-1/2	36F 1014C	1.30	-	-	1.097	8	32
	2	36F 1020C	1.45	-	-	1.708	12	24
	2-1/2	36F 1024C	1.95	-	-	3.241	-	15
	3	36F 1030C	2.17	-	-	4.764	-	10
	4	36F 1040C	2.61	-	-	8.154	-	3

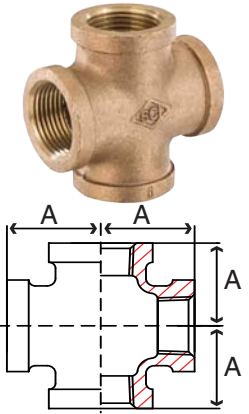
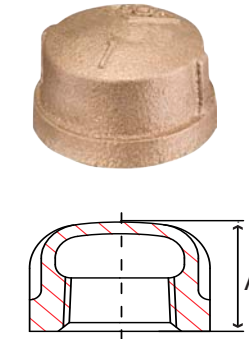
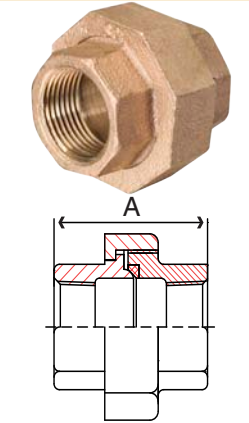
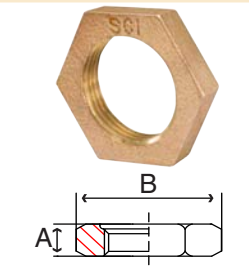
	<b>45° Street Elbow</b>	1/8	36SF1001C	0.42	0.78	-	0.061	70	1120
	1/4	36SF1002C	0.56	0.88	-	0.110	40	640	
	3/8	36SF1003C	0.63	0.92	-	0.154	50	600	
	1/2	36SF1004C	0.78	1.06	-	0.225	75	300	
	3/4	36SF1006C	0.89	1.23	-	0.317	40	160	
	1	36SF1010C	1.06	1.40	-	0.545	25	100	
	1-1/4	36SF1012C	1.22	1.64	-	0.742	10	40	
	1-1/2	36SF1014C	1.30	1.80	-	1.024	10	40	
	2	36SF1020C	1.45	2.14	-	1.536	12	24	
	2-1/2	36SF1024C	1.95	2.57	-	3.090	5	10	
	3	36SF1030C	2.17	3.00	-	5.000	-	6	
	4	36SF1040C	2.61	3.70	-	8.000	-	4	

	<b>Tee</b>	1/8	36T 1001C	0.69	-	-	0.114	80	640
	1/4	36T 1002C	0.81	-	-	0.167	50	400	
	3/8	36T 1003C	0.95	-	-	0.253	30	240	
	1/2	36T 1004C	1.12	-	-	0.308	40	160	
	3/4	36T 1006C	1.31	-	-	0.502	25	100	
	1	36T 1010C	1.50	-	-	0.852	25	50	
	1-1/4	36T 1012C	1.75	-	-	1.289	14	28	
	1-1/2	36T 1014C	1.94	-	-	1.681	15	30	
	2	36T 1020C	2.25	-	-	2.702	-	15	
	2-1/2	36T 1024C	2.70	-	-	5.141	-	10	
	3	36T 1030C	3.08	-	-	7.592	-	6	
	4	36T 1040C	3.79	-	-	13.378	-	2	

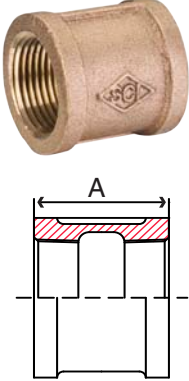
	<b>Bull Head Tee</b>	1/2x3/4	36BT1004006C	1.22	1.22	1.20	0.455	25	100
	3/4x1	36BT1006010C	1.45	1.45	1.37	0.776	15	60	
	1x1-1/4	36BT1010012C	1.67	1.67	1.58	1.150	8	32	
	1x1-1/2	36BT1010014C	1.72	1.72	1.55	1.500	15	30	

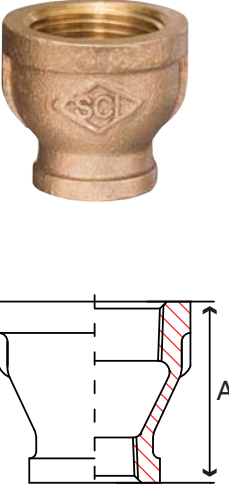
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
	3/8x1/4	36RT1003002C	0.81	0.81	0.86	0.210	40	160
	1/2x1/8	36RT1004001C	0.91	0.91	0.97	0.270	20	160
	1/2x1/4	36RT1004002C	0.97	0.97	0.98	0.232	25	200
	1/2x3/8	36RT1004003C	1.04	1.04	1.03	0.347	25	200
	3/4x1/4	36RT1006002C	1.12	1.12	1.12	0.426	25	100
	3/4x3/8	36RT1006003C	1.12	1.12	1.13	0.452	25	100
	3/4x1/2	36RT1006004C	1.20	1.20	1.22	0.527	25	100
	3/4x1/2x1/2	36RT1006004004C	1.20	1.12	1.22	0.462	25	100
	3/4x1/2x3/4	36RT1006004006C	1.31	1.22	1.31	0.575	20	80
	1x1/4	36RT1010002C	1.12	1.12	1.25	0.588	20	80
	1x3/8	36RT1010003C	1.18	1.18	1.27	0.630	15	60
	1x1/2	36RT1010004C	1.26	1.26	1.36	0.601	15	60
	1x1/2x1/2	36RT1010004004C	1.26	1.12	1.36	0.595	20	80
	1x1/2x3/4	36RT1010004006C	1.37	1.22	1.45	0.667	20	80
	1x1/2x1	36RT1010004010C	1.50	1.36	1.50	0.828	15	60
	1x3/4	36RT1010006C	1.38	1.38	1.45	0.803	15	60
	1x3/4x1/2	36RT1010006004C	1.26	1.20	1.36	0.667	20	80
	1x3/4x3/4	36RT1010006006C	1.38	1.31	1.45	0.718	15	60
	1x3/4x1	36RT1010006010C	1.50	1.45	1.50	0.890	15	60
	1-1/4x1/2	36RT1012004C	1.34	1.34	1.53	0.848	20	40
	1-1/4x1/2x3/4	36RT1012004006C	1.45	1.26	1.53	0.830	25	50
	1-1/4x1/2x1	36RT1012004010C	1.58	1.36	1.67	0.900	20	40
	1-1/4x3/4	36RT1012006C	1.45	1.45	1.62	0.904	20	40
	1-1/4x1	36RT1012010C	1.58	1.58	1.67	1.210	20	40
	1-1/4x1x1/2	36RT1012010004C	1.34	1.26	1.53	0.820	20	40
	1-1/2x1/2	36RT1014004C	1.41	1.41	1.66	1.258	18	36
	1-1/2x1/2x1-1/4	36RT1014004012C	1.81	1.56	1.88	1.530	15	30
	1-1/2x3/4	36RT1014006C	1.52	1.52	1.75	1.392	15	30
	1-1/2x3/4x3/4	36RT1014006006C	1.55	1.35	1.77	1.000	20	40
	1-1/2x1	36RT1014010C	1.65	1.65	1.80	1.245	15	30
	1-1/2x1x1-1/4	36RT1014010012C	1.82	1.67	1.88	1.390	12	24
	1-1/2x1-1/4	36RT1014012C	1.82	1.82	1.88	1.706	12	24
	1-1/2x1-1/4x1/2	36RT1014012004C	1.41	1.34	1.66	1.180	12	24
	1-1/2x1-1/4x3/4	36RT1014012006C	1.52	1.45	1.75	1.150	15	30
	1-1/2x1-1/4x1	36RT1014012010C	1.65	1.58	1.80	1.260	15	30
	1-1/2x1-1/4x1-1/2	36RT1014012014C	1.94	1.88	1.94	1.560	12	24
	2x1/2	36RT1020004C	1.49	1.49	1.88	1.818	12	24
	2x3/4	36RT1020006C	1.60	1.60	1.97	1.980	12	24
	2x1	36RT1020010C	1.73	1.73	2.02	2.082	10	20
	2x1-1/4	36RT1020012C	1.90	1.90	2.10	2.252	8	16
2x1-1/2	36RT1020014C	2.02	2.02	2.16	2.699	8	16	
2x1-1/2x3/4	36RT1020014006C	1.60	1.52	1.97	1.580	10	20	
2x1-1/2x1	36RT1020014010C	1.73	1.65	2.02	1.640	10	20	
2x1-1/2x1-1/4	36RT1020014012C	1.90	1.82	2.10	1.860	8	16	
2-1/2x1-1/4	36RT1024012C	2.04	2.04	2.45	3.258	-	10	
2-1/2x1-1/2	36RT1024014C	2.16	2.16	2.51	3.897	-	10	
2-1/2x2	36RT1024020C	2.39	2.39	2.60	4.241	-	10	
3x3/4	36RT1030006C	1.87	1.87	2.61	4.150	-	6	
3x1	36RT1030010C	2.00	2.00	2.66	4.500	-	6	
3x1-1/4	36RT1030012C	2.17	2.17	2.74	4.700	-	6	
3x1-1/2	36RT1030014C	2.29	2.29	2.80	4.920	-	6	
3x2	36RT1030020C	2.52	2.52	2.89	3.702	-	6	
3x2-1/2	36RT1030024C	2.83	2.83	2.99	5.510	-	6	
4x1	36RT1040010C	2.27	2.27	3.32	5.940	-	4	
4x1-1/4	36RT1040012C	2.41	2.41	3.32	6.720	-	4	
4x1-1/2	36RT1040014C	2.51	2.51	3.32	8.320	-	4	
4x2	36RT1040020C	2.74	2.74	3.41	7.604	-	3	
4x3	36RT1040030C	3.30	3.30	3.60	10.530	-	3	

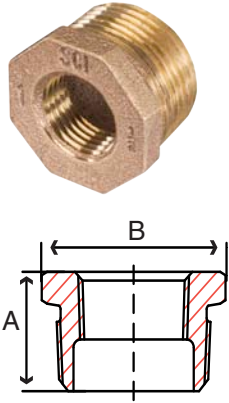
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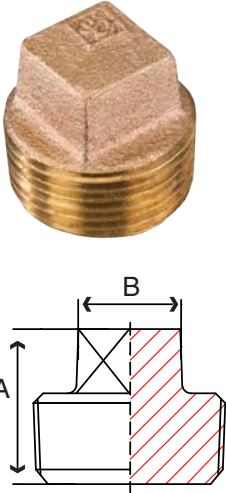
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
	1/8	36X 1001C	0.54	-	-	0.120	20	320
	1/4	36X 1002C	0.71	-	-	0.202	40	320
	3/8	36X 1003C	0.82	-	-	0.151	40	160
	1/2	36X 1004C	1.01	-	-	0.453	30	120
	3/4	36X 1006C	1.18	-	-	0.759	20	80
	1	36X1010C	1.43	-	-	1.039	20	40
	1-1/4	36X 1012C	1.69	-	-	1.631	-	20
	1-1/2	36X 1014C	1.84	-	-	2.102	-	18
	2	36X 1020C	2.12	-	-	3.277	-	10
	2-1/2	36X 1024C	2.70	-	-	5.500	-	6
	3	36X 1030C	3.08	-	-	8.250	-	4
4	36X 1040C	3.79	-	-	13.500	-	2	
	1/8	36C 1001C	0.53	-	-	0.038	120	1920
	1/4	36C 1002C	0.63	-	-	0.062	80	1280
	3/8	36C 1003C	0.68	-	-	0.096	60	720
	1/2	36C 1004C	0.80	-	-	0.132	75	600
	3/4	36C 1006C	0.90	-	-	0.192	40	320
	1	36C 1010C	1.08	-	-	0.328	25	200
	1-1/4	36C 1012C	1.12	-	-	0.508	25	100
	1-1/2	36C1014C	1.17	-	-	0.662	25	100
	2	36C 1020C	1.36	-	-	0.951	18	72
	2-1/2	36C 1024C	1.70	-	-	1.902	20	40
	3	36C 1030C	1.80	-	-	2.744	12	24
4	36C 1040C	2.08	-	-	4.480	6	12	
	1/8	36U 1001C	1.34	-	-	0.165	30	480
	1/4	36U 1002C	1.50	-	-	0.248	20	240
	3/8	36U 1003C	1.53	-	-	0.374	20	160
	1/2	36U 1004C	1.81	-	-	0.519	40	160
	3/4	36U 1006C	1.93	-	-	0.775	40	80
	1	36U 1010C	2.11	-	-	1.176	30	60
	1-1/4	36U 1012C	2.37	-	-	1.642	20	40
	1-1/2	36U 1014C	2.60	-	-	2.082	15	30
	2	36U 1020C	2.91	-	-	3.235	10	20
	2-1/2	36U 1024C	3.30	-	-	5.306	-	10
	3	36U 1030C	3.60	-	-	6.938	-	7
4	36U 1040C	4.70	-	-	12.010	-	4	
	1/8	36LN1001C	0.21	0.74	-	0.020	250	4000
	1/4	36LN1002C	0.26	0.85	-	0.032	125	2000
	3/8	36LN1003C	0.30	1.05	-	0.047	125	1500
	1/2	36LN1004C	0.38	1.25	-	0.089	100	800
	3/4	36LN1006C	0.40	1.50	-	0.104	60	480
	1	36LN1010C	0.50	1.88	-	0.165	40	320
	1-1/4	36LN1012C	0.50	2.15	-	0.224	30	240
	1-1/2	36LN1014C	0.53	2.56	-	0.293	45	180
	2	36LN1020C	0.57	3.10	-	0.451	25	100
	2-1/2	36LN1024C	0.72	4.00	-	1.130	14	56

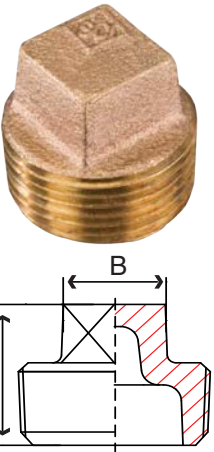
# 125 lb Bronze Threaded Fittings

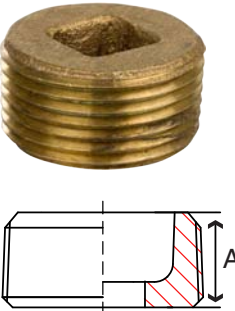
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
<b>Coupling</b> 	1/8	36CP1001C	0.96	-	-	0.119	70	1120
	1/4	36CP1002C	1.06	-	-	0.105	40	640
	3/8	36CP1003C	1.16	-	-	0.153	50	600
	1/2	36CP1004C	1.34	-	-	0.180	40	320
	3/4	36CP1006C	1.52	-	-	0.281	50	200
	1	36CP1010C	1.67	-	-	0.449	25	100
	1-1/4	36CP1012C	1.93	-	-	0.626	20	80
	1-1/2	36CP1014C	2.15	-	-	0.817	12	48
	2	36CP1020C	2.53	-	-	1.375	12	24
	2-1/2	36CP1024C	2.88	-	-	2.625	8	16
	3	36CP1030C	3.18	-	-	3.799	8	16
	4	36CP1040C	3.69	-	-	5.874	-	6

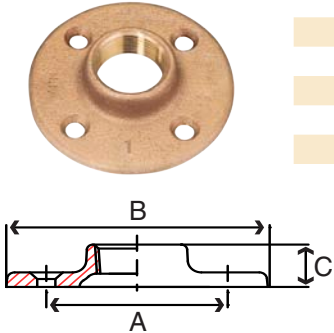
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
<b>Reducing Coupling</b> 	1/4x1/8	36RC1002001C	1.00	-	-	0.081	50	600
	3/8x1/8	36RC1003001C	1.13	-	-	0.108	35	420
	3/8x1/4	36RC1003002C	1.13	-	-	0.130	40	480
	1/2x1/8	36RC1004001C	1.13	-	-	0.155	50	400
	1/2x1/4	36RC1004002C	1.13	-	-	0.160	50	400
	1/2x3/8	36RC1004003C	1.17	-	-	0.170	40	320
	3/4x1/8	36RC1006001C	1.24	-	-	0.100	35	280
	3/4x1/4	36RC1006002C	1.24	-	-	0.229	30	240
	3/4x3/8	36RC1006003C	1.24	-	-	0.242	50	200
	3/4x1/2	36RC1006004C	1.36	-	-	0.231	60	240
	1x1/4	36RC1010002C	1.49	-	-	0.376	45	180
	1x3/8	36RC1010003C	1.49	-	-	0.400	30	120
	1x1/2	36RC1010004C	1.49	-	-	0.328	30	120
	1x3/4	36RC1010006C	1.56	-	-	0.436	25	100
	1-1/4x1/2	36RC1012004C	1.65	-	-	0.622	25	100
	1-1/4x3/4	36RC1012006C	1.65	-	-	0.644	25	100
	1-1/4x1	36RC1012010C	1.77	-	-	0.545	15	60
	1-1/2x1/2	36RC1014004C	1.80	-	-	0.796	15	60
	1-1/2x3/4	36RC1014006C	1.80	-	-	0.828	15	60
	1-1/2x1	36RC1014010C	1.80	-	-	0.681	15	60
	1-1/2x1-1/4	36RC1014012C	1.89	-	-	0.985	12	48
	2x1/2	36RC1020004C	2.03	-	-	1.256	12	48
	2x3/4	36RC1020006C	2.03	-	-	1.278	12	48
	2x1	36RC1020010C	2.03	-	-	0.965	12	48
	2x1-1/4	36RC1020012C	2.03	-	-	1.398	14	28
	2x1-1/2	36RC1020014C	2.06	-	-	1.092	12	24
	2-1/2x1	36RC1024010C	2.56	-	-	2.006	-	25
	2-1/2x1-1/4	36RC1024012C	2.56	-	-	2.288	-	25
	2-1/2x1-1/2	36RC1024014C	2.56	-	-	2.290	-	25
	2-1/2x2	36RC1024020C	2.56	-	-	2.491	-	25
	3x1	36RC1030010C	2.87	-	-	2.520	-	20
	3x1-1/4	36RC1030012C	2.87	-	-	2.180	-	20
	3x1-1/2	36RC1030014C	2.87	-	-	2.358	-	20
	3x2	36RC1030020C	3.69	-	-	3.601	-	20
	3x2-1/2	36RC1030024C	3.69	-	-	3.915	-	12
	4x2	36RC1040020C	4.38	-	-	6.061	-	10
4x2-1/2	36RC1040024C	4.38	-	-	5.900	-	10	
4x3	36RC1040030C	4.38	-	-	6.567	-	6	

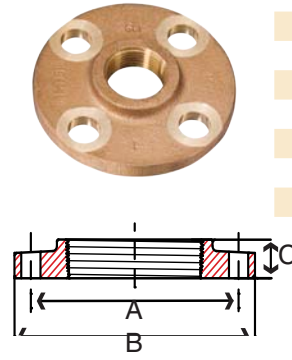
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging		
			A	B	C		Inner	Master	
	Hex Bushing	1/4x1/8	36HB1002001C	0.65	0.66	Out	0.024	120	1920
	3/8x1/8	36HB1003001C	0.70	0.70	Out	0.057	75	1200	
	3/8x1/4	36HB1003002C	0.70	0.73	Out	0.044	75	1200	
	1/2x1/8	36HB1004001C	0.81	0.90	Out	0.100	100	800	
	1/2x1/4	36HB1004002C	0.81	0.90	Out	0.092	100	800	
	1/2x3/8	36HB1004003C	0.81	0.90	Out	0.077	100	800	
	3/4x1/8	36HB1006001C	0.88	1.18	Out	0.165	50	600	
	3/4x1/4	36HB1006002C	0.93	1.18	Out	0.151	40	480	
	3/4x3/8	36HB1006003C	0.93	1.18	Out	0.140	50	600	
	3/4x1/2	36HB1006004C	0.93	1.18	Out	0.135	40	480	
	1x1/4	36HB1010002C	1.13	1.12	In	0.230	50	400	
	1x3/8	36HB1010003C	1.13	1.12	In	0.222	50	400	
	1x1/2	36HB1010004C	1.10	1.44	Out	0.250	40	320	
	1x3/4	36HB1010006C	1.10	1.44	Out	0.208	40	360	
	1-1/4x1/2	36HB1012004C	1.18	1.80	Out	0.337	30	120	
	1-1/4x3/4	36HB1012006C	1.18	1.80	Out	0.400	30	120	
	1-1/4x1	36HB1012010C	1.18	1.80	Out	0.330	30	120	
	1-1/2x1/4	36HB1014002C	1.27	1.15	In	0.469	25	100	
	1-1/2x3/8	36HB1014003C	1.30	2.12	Out	0.454	25	100	
	1-1/2x1/2	36HB1014004C	1.27	1.34	In	0.444	25	100	
	1-1/2x3/4	36HB1014006C	1.27	1.63	In	0.479	25	100	
	1-1/2x1	36HB1014010C	1.19	2.04	Out	0.525	25	100	
	1-1/2x1-1/4	36HB1014012C	1.19	2.04	Out	0.447	25	100	
	2x1/2	36HB1020004C	1.35	1.36	In	0.667	20	80	
	2x3/4	36HB1020006C	1.35	1.65	In	0.743	20	80	
	2x1	36HB1020010C	1.35	2.00	In	0.760	20	80	
	2x1-1/4	36HB1020012C	1.35	2.50	Out	0.858	20	80	
	2x1-1/2	36HB1020014C	1.35	2.55	Out	0.828	20	80	
	2-1/2x1/2	36HB1024004C	1.64	3.15	Out	1.280	15	60	
	2-1/2x3/4	36HB1024006C	1.58	1.65	In	1.102	15	60	
	2-1/2x1	36HB1024010C	1.58	2.00	In	1.163	12	48	
	2-1/2x1-1/4	36HB1024012C	1.60	3.15	Out	1.215	12	48	
	2-1/2x1-1/2	36HB1024014C	1.52	2.70	In	1.361	12	48	
	2-1/2x2	36HB1024020C	1.62	3.15	Out	1.130	12	48	
	3x1/2	36HB1030004C	1.60	1.35	In	1.930	12	48	
	3x3/4	36HB1030006C	1.70	1.65	In	1.920	10	40	
3x1	36HB1030010C	1.60	2.00	In	1.690	12	48		
3x1-1/4	36HB1030012C	1.70	2.40	In	1.770	10	40		
3x1-1/2	36HB1030014C	1.70	2.70	In	1.818	12	48		
3x2	36HB1030020C	1.70	3.25	In	2.334	6	24		
3x2-1/2	36HB1030024C	1.70	3.90	Out	2.189	6	24		
4x1-1/2	36HB1040014C	1.80	2.70	In	3.420	-	20		
4x2	36HB1040020C	1.80	3.30	In	3.642	-	20		
4x2-1/2	36HB1040024C	2.10	4.75	Out	3.912	-	20		
4x3	36HB1040030C	2.10	4.75	Out	4.220	-	20		

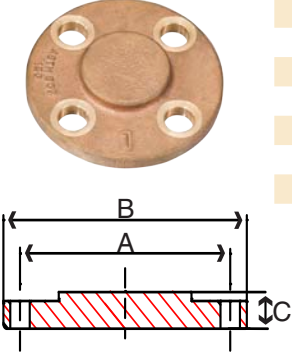
Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
	1/8	36SS1001C	0.65	-	-	0.020	300	4800
	1/4	36SS1002C	0.75	-	-	0.039	150	2400
	3/8	36SS1003C	0.85	-	-	0.064	100	1600
	1/2	36SS1004C	1.00	-	-	0.117	50	800
	3/4	36SS1006C	1.15	-	-	0.180	30	360
	1	36SS1010C	1.30	-	-	0.359	20	240
	1-1/4	36SS1012C	1.40	-	-	0.626	40	160
	1-1/2	36SS1014C	1.50	-	-	0.841	30	120
	2	36SS1020C	1.60	-	-	1.269	20	80
	2-1/2	36SS1024C	1.85	-	-	2.358	16	64
	3	36SS1030C	1.95	-	-	4.077	16	32
	4	36SS1040C	2.30	-	-	6.830	8	16

	1/2	36SC1004C	1.00	-	-	0.0979	50	800
	3/4	36SC1006C	1.15	-	-	0.128	30	360
	1	36SC1010C	1.30	-	-	0.267	20	240
	1-1/4	36SC1012C	1.40	-	-	0.394	40	160
	1-1/2	36SC1014C	1.50	-	-	0.573	30	120
	2	36SC1020C	1.60	-	-	0.770	20	80
	2-1/2	36SC1024C	1.85	-	-	1.068	16	64
	3	36SC1030C	1.95	-	-	2.023	16	32
	4	36SC1040C	2.30	-	-	3.637	8	16

	1/2	36CS1004C	0.54	0.38	-	0.050	50	800
	3/4	36CS1006C	0.55	0.50	-	0.099	30	480
	1	36CS1010C	0.69	0.50	-	0.200	20	320
	1-1/4	36CS1012C	0.71	0.75	-	0.300	40	320
	1-1/2	36CS1014C	0.73	0.75	-	0.500	30	240
	2	36CS1020C	0.76	0.88	-	0.800	20	160
	2-1/2	36CS1024C	1.07	1.12	-	1.200	16	64
	3	36CS1030C	1.13	1.38	-	2.500	16	32
	4	36CS1040C	1.22	2.00	-	3.760	8	16

Part	Size	Part Number	Dimensions (in)			Weight (lb)	Packaging	
			A	B	C		Inner	Master
	1/4	36FF1002C	2.80	2.00	0.31	0.350	50	200
	3/8	36FF1003C	2.80	2.00	0.31	0.360	50	200
	1/2	36FF1004C	2.95	2.00	0.25	0.714	50	200
	3/4	36FF1006C	3.35	2.45	0.30	0.837	30	120
	1	36FF1010C	3.70	2.70	0.30	1.165	20	80
	1-1/4	36FF1012C	3.95	3.00	0.30	1.173	15	60
	1-1/2	36FF1014C	4.30	3.35	0.33	1.549	12	48
	2	36FF1020C	5.60	4.25	0.33	2.474	8	32

Part	Size	Part Number	Hole Size	Number of Holes	Dimensions (in)			Weight (lb)	Packaging	
					A	B	C		Inner	Master
	1/2	16TH1004	5/8	4	3.50	2.38	0.59	0.728	-	50
	3/4	16TH1006	5/8	4	3.88	2.75	0.62	1.010	-	40
	1	16TH1010	5/8	4	4.25	3.12	0.69	1.388	-	30
	1-1/4	16TH1012	5/8	4	4.62	3.50	0.81	1.659	-	20
	1-1/2	16TH1014	5/8	4	5.00	3.88	0.88	2.137	-	15
	2	16TH1020	3/4	4	6.00	4.75	1.00	3.520	-	10
	2-1/2	16TH1024	3/4	4	7.00	5.50	1.12	5.421	-	5
	3	16TH1030	3/4	4	7.50	6.00	1.19	6.540	-	4
	4	16TH1040	3/4	8	9.00	7.50	1.31	9.918	-	3
	6	16TH1060	7/8	8	11.0	9.50	1.56	17.00	-	2

Part	Size	Part Number	Hole Size	Number of Holes	Dimensions (in)			Weight (lb)	Packaging	
					A	B	C		Inner	Master
	1/2	16BL1004	5/8	4	3.50	2.38	0.59	1.000	-	40
	3/4	16BL1006	5/8	4	3.88	2.75	0.62	1.000	-	30
	1	16BL1010	5/8	4	4.25	3.12	0.69	1.750	-	25
	1-1/4	16BL1012	5/8	4	4.62	3.50	0.81	2.500	-	20
	1-1/2	16BL1014	5/8	4	5.00	3.88	0.88	3.000	-	15
	2	16BL1020	3/4	4	6.00	4.75	1.00	5.500	-	10
	2-1/2	16BL1024	3/4	4	7.00	5.50	1.12	8.500	-	8
	3	16BL1030	3/4	4	7.50	6.00	1.19	10.50	-	5
	4	16BL1040	3/4	8	9.00	7.50	1.31	16.50	-	3
	6	16BL1060	7/8	8	11.0	9.50	1.56	32.50	-	2

Weights (lb)  
Packing (Inner/Master)

## Brass Nipples

Size	Close Length	Close	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	0.011	0.027	0.037	0.0483	0.058	0.0694	0.079	0.0905	0.101	0.112	0.122	0.143	0.164	0.185	0.206	0.227	0.248
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400
1/4"	7/8"	0.022	0.045	0.064	0.0830	0.101	0.120	0.139	0.1575	0.176	0.195	0.213	0.250	0.288	0.325	0.362	0.400	0.437
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/200	25/200	25/200	25/200	25/200	25/200
3/8"	1"	0.037	0.063	0.089	0.115	0.141	0.1674	0.193	0.219	0.246	0.271	0.298	0.350	0.403	0.455	0.507	0.559	0.612
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/300	25/300	25/300	25/300	25/150	25/150	25/100	25/100	25/100
1/2"	1-1/8"	0.055	0.084	0.123	0.161	0.200	0.239	0.278	0.317	0.356	0.395	0.434	0.5118	0.590	0.667	0.745	0.823	0.900
		25/400	25/400	25/400	25/300	25/300	25/300	25/200	25/200	25/200	25/200	25/200	25/200	25/100	25/100	25/100	25/100	25/100
3/4"	1-3/8"	0.095	0.108	0.161	0.214	0.267	0.320	0.373	0.425	0.478	0.531	0.584	0.690	0.769	0.902	1.008	1.114	1.219
		25/400	25/400	25/300	25/300	25/200	25/200	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50
1"	1-1/2"	0.152		0.226	0.300	0.375	0.448	0.523	0.597	0.671	0.745	0.819	0.968	1.116	1.265	1.412	1.561	1.709
		25/200		25/200	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50	25/50	20/40	20/40
1-1/4"	1-5/8"	0.248		0.330	0.440	0.550	0.659	0.769	0.878	0.987	1.097	1.207	1.426	1.645	1.864	2.083	2.302	2.522
		25/150		25/100	25/100	25/100	25/50	25/50	25/50	25/50	25/50	25/50	15/30	15/30	15/30	-/30	-/30	-/30
1-1/2"	1-3/4"	0.293		0.358	0.489	0.619	0.749	0.880	1.010	1.141	1.271	1.402	1.663	1.923	2.184	2.445	2.706	2.967
		25/100		25/100	25/50	25/50	25/50	25/50	-/50	-/40	-/40	-/40	-/40	-/35	-/25	-/25	-/15	-/15
2"	2"	0.468			0.640	0.811	0.983	1.155	1.327	1.498	1.670	1.841	2.185	2.528	2.871	3.215	3.558	3.901
		25/50			25/50	-/50	-/25	-/25	-/25	-/25	-/25	-/25	-/25	-/18	-/18	-/18	-/14	-/14
2-1/2"	2-1/2"	0.838				1.087	1.337	1.586	1.836	2.085	2.335	2.585	3.084	3.583	4.082	4.581	5.080	5.580
		-/36				-/36	-/27	-/27	-/24	-/18	-/18	-/18	-/14	-/12	-/9	-/9	-/9	-/9
3"	2-5/8"	1.256				1.527	1.884	2.240	2.597	2.954	3.310	3.667	4.380	5.094	5.807	6.520	7.234	7.947
		-/24				-/24	-/18	-/18	-/16	-/12	-/12	-/12	-/9	-/8	-/8	-/6	-/6	-/6
4"	2-7/8"	2.200				2.333	2.862	3.391	3.920	4.449	4.978	5.5078	6.566	7.625	8.683	9.741	10.800	11.858
		-/15				-/15	-/12	-/12	-/10	-/8	-/8	-/8	-/5	-/5	-/5	-/4	-/4	-/4

## Brass Redi-Cut Nipples

Size	14"	15"	16"	18"	24"	30"	36"	48"	60"	72"
1/2"	1.056	1.131	1.212	1.368	1.834	2.302	2.769	3.703	4.628	5.555
	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5
3/4"	1.431	1.537	1.642	1.854	2.489	3.124	3.759	5.029	6.286	7.543
	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5
1"	2.006	2.154	2.303	2.599	3.489	4.379	5.269	7.049	8.811	10.574
	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5
1-1/4"	2.967	3.179	3.398	3.837	5.152	6.467	7.782	10.300	12.875	15.450
	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5
1-1/2"	3.489	3.749	4.010	4.532	6.097	7.662	9.227	12.357	15.446	18.536
	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5
2"	4.588	4.932	5.275	5.961	8.021	10.081	12.142	16.262	19.945	24.501
	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5	-/5
2-1/2"	6.578	7.048	7.576	8.575	11.570	14.565	17.560	23.200	29.000	38.400
	-/3	-/3	-/3	-/3	-/3	-/3	-/3	-/3	-/3	-/3
3"	9.450	10.125	10.800	12.227	16.507	20.787	25.067	33.627	42.034	50.440
	-/3	-/3	-/3	-/3	-/3	-/3	-/3	-/3	-/3	-/3
4"	14.079	15.085	16.091	18.208	24.558	31.048	37.258	49.958	62.448	74.937
	-/2	-/2	-/2	-/2	-/2	-/2	-/2	-/2	-/2	-/2



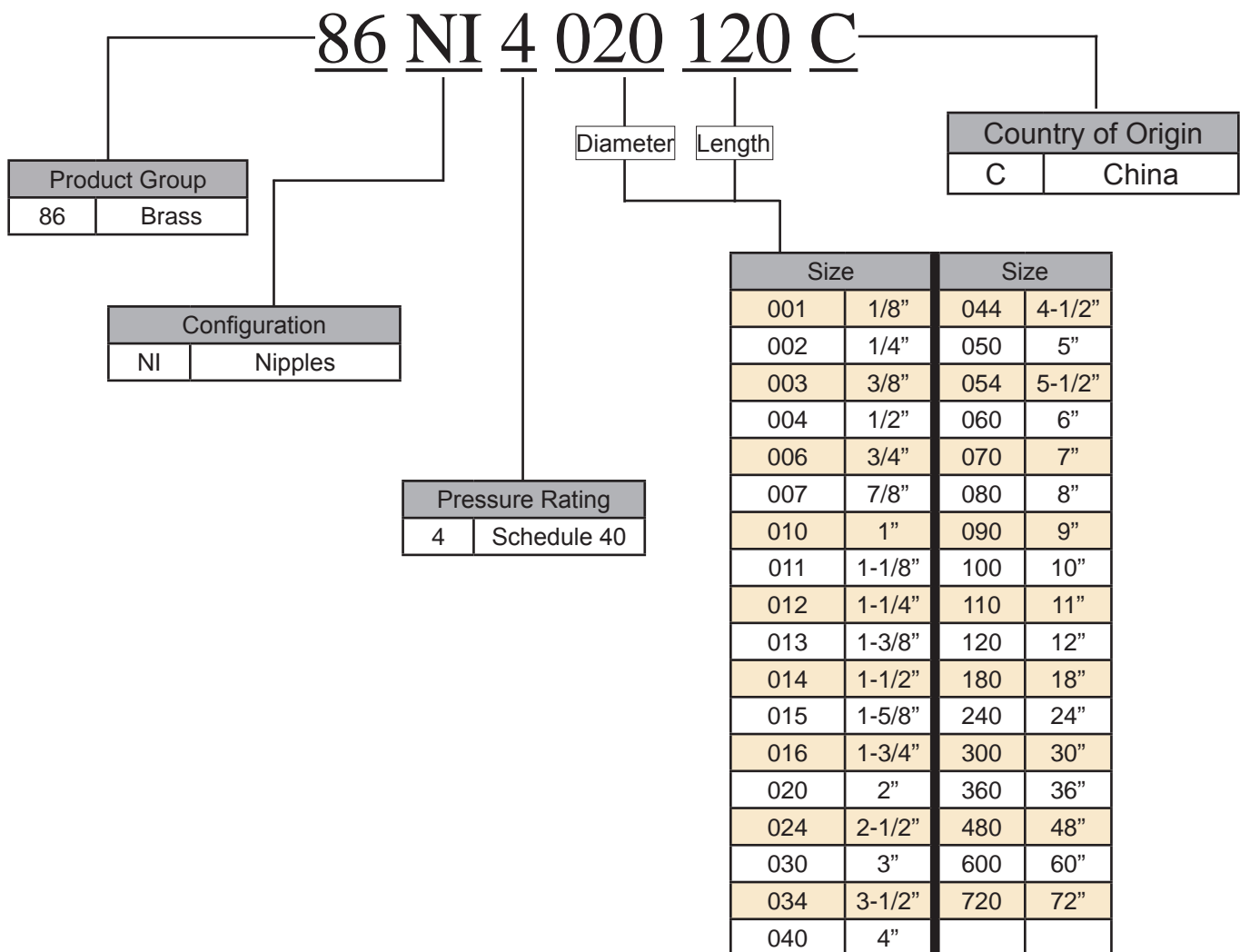
Red Brass Pipe Nipples conform to the following specifications: ASTM B687, ANSI B1.20.1, and ASTM B43

## Brass Single-Run Assortments

Size	Part Number	Package Contents of Each Nipple Size											Total Pieces	Weight
		Close	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"		
1/4"	86SR4002C	1	1	1	1	1	1	1	1	1	1	1	11	1.5
3/8"	86SR4003C	1	1	1	1	1	1	1	1	1	1	1	11	2
1/2"	86SR4004C	1	1	1	1	1	1	1	1	1	1	1	11	2.5
3/4"	86SR4006C	1	1	1	1	1	1	1	1	1	1	1	11	3.5
1"	86SR4010C	1		1	1	1	1	1	1	1	1	1	10	5
1-1/4"	86SR4012C	1		1	1	1	1	1	1	1	1	1	10	7
1-1/2"	86SR4014C	1		1	1	1	1	1	1	1	1	1	10	8
2"	86SR4020C	1			1	1	1	1	1	1	1	1	9	10



## Brass Nipple Part Number





**Forged Steel  
Fittings & Outlets**

1/8" – 4" Threaded & S/W  
2000#, 3000#, 6000#



**COOPLOK™ Grooved**

UL/FM Couplings – Flexible & Rigid  
Mechanical Tees, Fittings & Flanged Adapters



**Ductile Iron  
Threaded Fittings**

1/2" – 2-1/2" Class 300  
UL/FM @ 500 PSI



**Merchant Steel  
Couplings & Fittings**

1/8" – 12" STD-XH  
Full, Half, API Style



**Valves**

Carbon Steel – Stainless – Brass  
1/4" – 4"



**Cast Iron  
Threaded Fittings**

1/2" – 2-1/2" Class 125  
UL/FM @ 300 PSI



**Malleable Iron  
Pipe Fittings**

1/8" – 8" Black & Galvanized  
UL/FM 150# & 300#



**Bronze Fittings & Flanges  
Brass Nipples & Pipe**

1/8" – 6" 125#



**COOPLET® Weld Outlets  
and Adapter Nipples**

UL/FM 300# Welded Outlet  
Threaded 1/2" to 4", Grooved 1-1/4" to 6"



**Cast Iron Flanged  
Fittings & Flanges**

Flanged Fittings 1" to 30", 125# & 250#  
Cast Iron 125#, 250#, Flanges  
Blind, Threaded, Reducing Threaded



**Butterfly & Gate Valves**

Lug & Wafer Flanged, Mechanical  
Joint, Threaded,  
Push-On, Check



**Nipples**

1/8" – 8" Black & Galvanized  
Welded – Seamless  
Schedule 40, 80, and XXH, Brass Schedule 40

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