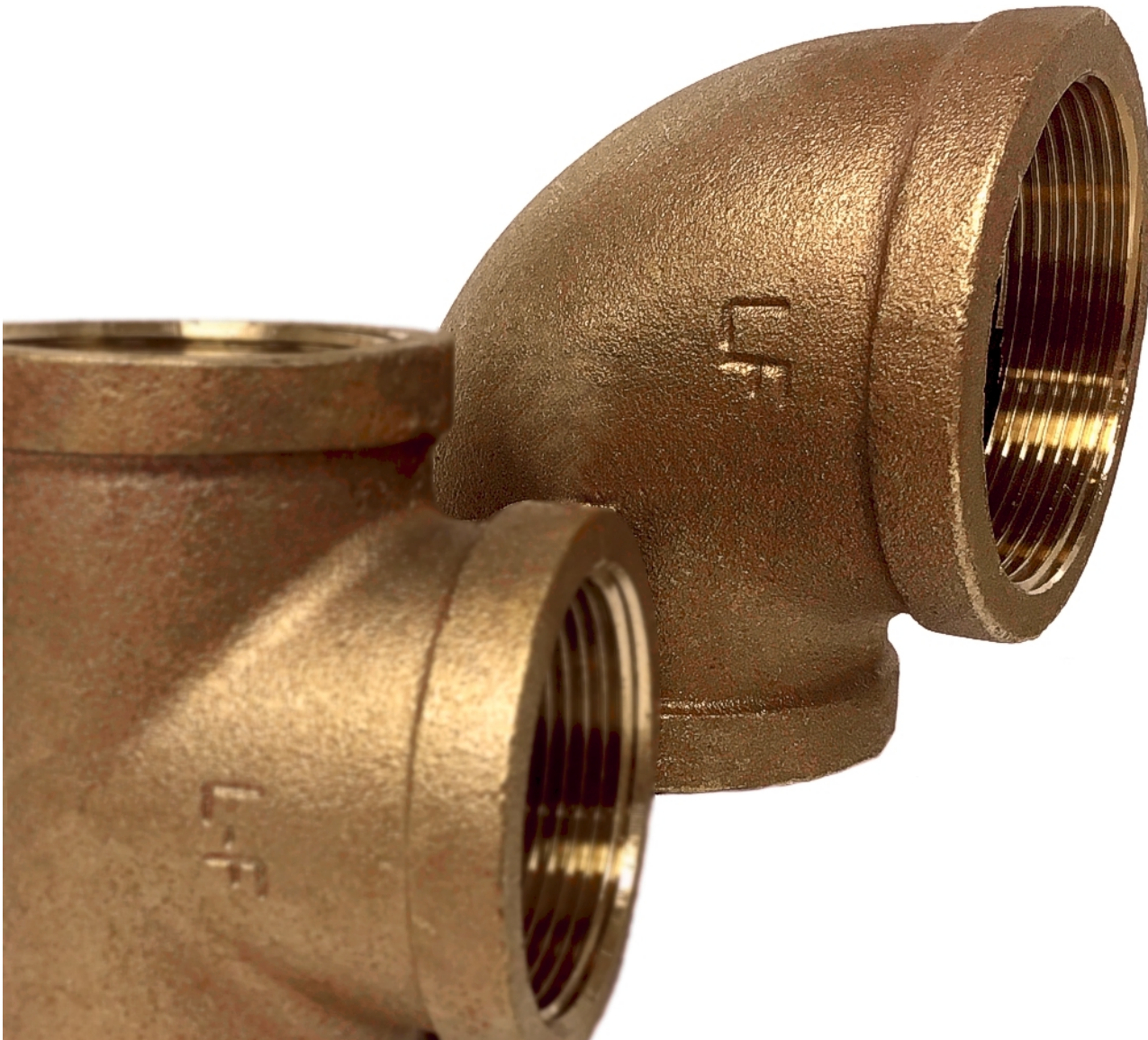


TECHNICAL INFORMATION

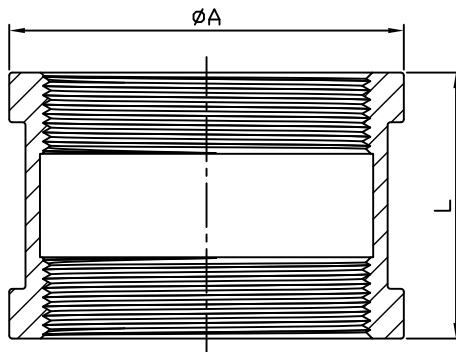


#125 LEAD FREE CAST BRONZE THREADED FITTINGS



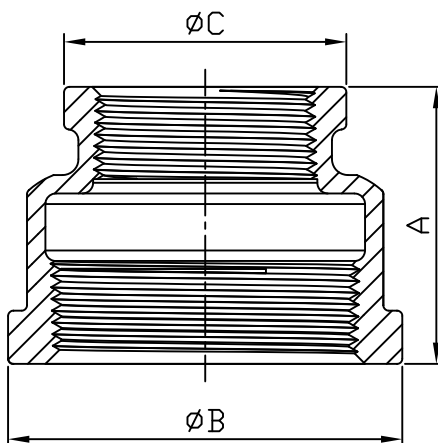
Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Unions A-A-59617
 Threads: ASME B1.20.1

**Certified by:**

COUPLINGS				
BMI#	Size	A	L	Lbs
06001	1/8	0.67	0.80	0.05
06002	1/4	0.81	0.97	0.09
06003	3/8	1.00	1.05	0.13
06004	1/2	1.17	1.29	0.21
06005	3/4	1.42	1.43	0.32
06006	1	1.72	1.68	0.53
06007	1 1/4	2.10	1.86	0.73
06008	1 1/2	2.38	1.92	0.97
06009	2	2.92	2.20	1.51
06010	2 1/2	3.49	2.88	2.71
06011	3	4.16	3.00	3.96
06012	4	5.31	3.69	6.35

in inches

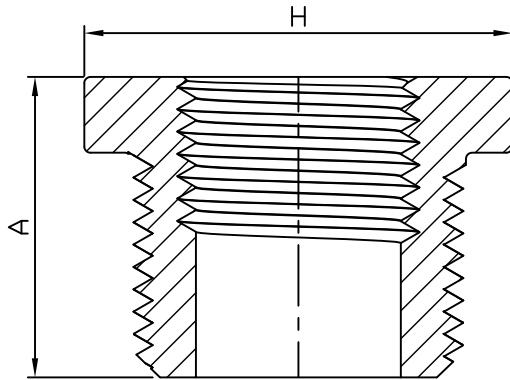


REDUCING COUPLINGS					
BMI#	Size	A	B	C	Lbs
06015	1/4 x 1/8	0.88	0.81	0.67	0.07
06016	3/8 x 1/4	1.01	1.00	0.81	0.11
06017	3/8 x 1/8	1.01	1.00	0.67	0.08
06019	1/2 x 3/8	1.17	1.17	1.00	0.17
06020	1/2 x 1/4	1.17	1.17	0.81	0.16
06021	1/2 x 1/8	1.17	1.17	0.67	0.15
06023	3/4 x 1/2	1.36	1.42	1.17	0.26
06024	3/4 x 3/8	1.36	1.42	1.00	0.23
06025	3/4 x 1/4	1.36	1.42	0.81	0.20
06027	1 x 3/4	1.56	1.72	1.42	0.43
06028	1 x 1/2	1.56	1.72	1.17	0.38
06030	1 x 1/4	1.56	1.72	0.81	0.35
06031	1 1/4 x 1	1.77	2.10	1.72	0.65
06032	1 1/4 x 3/4	1.77	2.10	1.42	0.57
06033	1 1/4 x 1/2	1.77	2.10	1.17	0.56
06035	1 1/2 x 1 1/4	1.89	2.38	2.10	0.87
06036	1 1/2 x 1	1.89	2.38	1.72	0.83
06037	1 1/2 x 3/4	1.89	2.38	1.42	0.74
06038	1 1/2 x 1/2	1.89	2.38	1.17	0.70
06040	2 x 1 1/2	2.03	2.92	2.38	1.28
06041	2 x 1 1/4	2.03	2.92	2.10	1.22
06042	2 x 1	2.03	2.92	1.72	1.19
06043	2 x 3/4	2.03	2.92	1.42	0.94
06044	2 x 1/2	2.03	2.05	1.17	1.04
06046	2 1/2 x 2	3.35	3.49	2.92	2.58
06051	3 x 2 1/2	4.16	3.70	3.49	3.91
06052	3 x 2	4.16	3.70	2.92	3.38

in inches

Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Unions A-A-59617
 Threads: ASME B1.20.1

**Certified by:**

(MxF) HEXAGON BUSHINGS				
BMI#	Size	H	A	Lbs
06115	1/4 x 1/8	0.64	0.59	0.03
06116	3/8 x 1/4	0.66	0.63	0.04
06117	3/8 x 1/8	0.81	0.66	0.05
06119	1/2 x 3/8	0.87	0.76	0.08
06120	1/2 x 1/4	0.87	0.76	0.10
06121	1/2 x 1/8	0.87	0.76	0.09
06123	3/4 x 1/2	1.15	0.87	0.14
06124	3/4 x 3/8	1.15	0.87	0.17
06125	3/4 x 1/4	1.15	0.87	0.18
06126	3/4 x 1/8	1.15	0.87	0.17
06127	1 x 3/4	1.42	1.07	0.21
06128	1 x 1/2	1.42	1.07	0.30
06129	1 x 3/8	1.42	1.07	0.25
06130	1 x 1/4	1.42	1.07	0.28
06131	1 1/4 x 1	1.76	1.03	0.42
06132	1 1/4 x 3/4	1.76	1.03	0.43
06133	1 1/4 x 1/2	1.76	1.03	0.39
06134	1 1/4 x 3/8	1.76	1.03	0.29
06170	1 1/4 x 1/4	1.76	1.03	0.37
06135	1 1/2 x 1 1/4	2.00	1.14	0.46
06136	1 1/2 x 1	2.00	1.22	0.57
06137	1 1/2 x 3/4	2.00	1.26	0.54
06138	1 1/2 x 1/2	2.00	1.18	0.47
06139	1 1/2 x 3/8	2.00	1.18	0.43
06180	1 1/2 x 1/4	2.00	1.18	0.44
06140	2 x 1 1/2	2.48	1.22	0.71
06141	2 x 1 1/4	2.48	1.22	0.88
06142	2 x 1	2.48	1.30	0.77
06143	2 x 3/4	2.48	1.30	0.81
06144	2 x 1/2	2.48	1.38	0.69
06145	2 x 3/8	2.48	1.38	0.68
06146	2 1/2 x 2	2.98	1.65	1.12
06147	2 1/2 x 1 1/2	2.68	1.50	1.63
06148	2 1/2 x 1 1/4	2.68	1.30	1.28
06149	2 1/2 x 1	2.68	1.30	1.17
06150	2 1/2 x 3/4	2.68	1.30	1.23
06151	3 x 2 1/2	3.86	1.61	1.87
06152	3 x 2	3.54	1.54	2.62
06153	3 x 1 1/2	3.54	1.61	1.84
06156	4 x 3	4.00	1.81	3.28
06157	4 x 2 1/2	3.86	1.81	3.57
06158	4 x 2	3.27	0.00	3.17

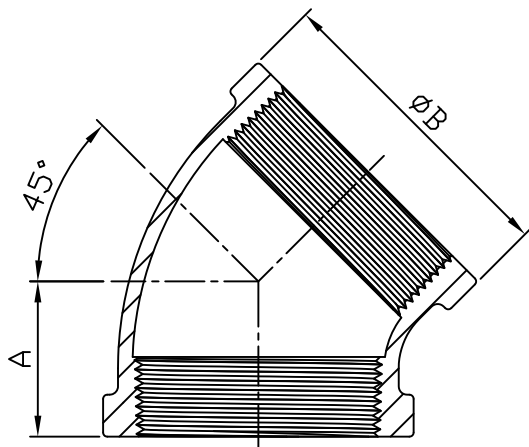
in inches

Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Unions A-A-59617
 Threads: ASME B1.20.1

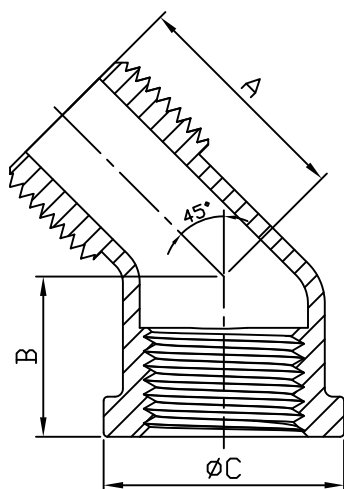


Certified by:



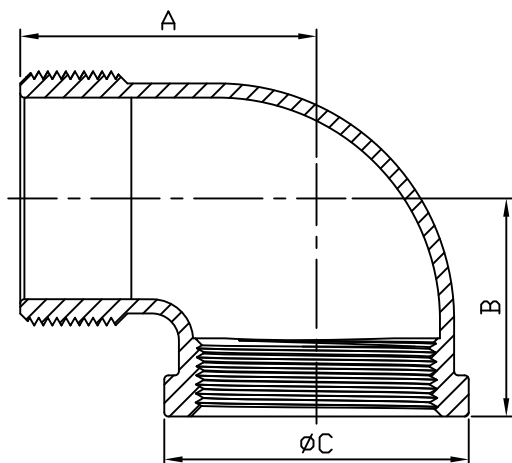
45° ELBOWS				
BMI#	Size	A	B	Lbs
06201	1/8	0.43	0.67	0.05
06202	1/4	0.56	0.81	0.09
06203	3/8	0.39	1.00	0.14
06204	1/2	0.78	1.17	0.19
06205	3/4	0.89	1.42	0.36
06206	1	1.06	1.72	0.59
06207	1 1/4	1.22	2.10	0.87
06208	1 1/2	1.30	2.38	1.13
06209	2	1.45	2.92	1.65
06210	2 1/2	1.97	3.49	3.18
06211	3	2.17	4.20	4.73
06212	4	2.60	5.31	7.69

in inches



45° (MxF) STREET ELBOWS					
BMI#	Size	A	B	C	Lbs
06271	1/8	0.79	0.43	0.67	0.04
06272	1/4	0.88	0.56	0.81	0.09
06273	3/8	0.92	0.63	1.00	0.12
06274	1/2	1.06	0.78	1.17	0.22
06275	3/4	1.23	0.89	1.42	0.31
06276	1	1.40	1.06	1.72	0.52
06277	1 1/4	1.65	1.22	2.10	0.72
06278	1 1/2	1.80	1.30	2.38	1.05
06279	2	2.14	1.45	2.92	1.69

in inches

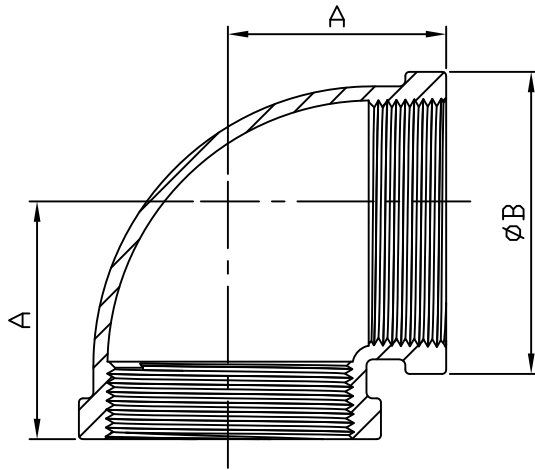


90° (MxF) STREET ELBOWS					
BMI#	Size	A	B	C	Lbs
06371	1/8	0.91	0.55	0.67	0.06
06372	1/4	1.11	0.71	0.81	0.11
06373	3/8	1.24	0.82	1.00	0.16
06374	1/2	1.48	1.01	1.17	0.24
06375	3/4	1.65	1.18	1.42	0.37
06376	1	1.98	1.43	1.72	0.66
06377	1 1/4	2.24	1.69	2.10	0.99
06378	1 1/2	2.46	1.84	2.38	1.15
06379	2	2.88	2.12	2.92	2.07
06380	2 1/2	3.86	2.70	3.49	3.69
06381	3	4.45	3.08	4.20	5.89

in inches

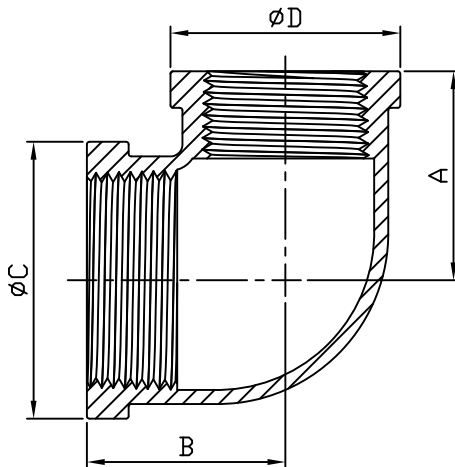
Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Unions A-A-59617
 Threads: ASME B1.20.1

**Certified by:**

90° ELBOWS				
BMI#	Size	A	B	Lbs
06301	1/8	0.54	0.67	0.06
06302	1/4	0.71	0.80	0.10
06303	3/8	0.82	1.00	0.15
06304	1/2	1.01	1.17	0.25
06305	3/4	1.18	1.42	0.41
06306	1	1.43	1.72	0.69
06307	1 1/4	1.69	2.10	1.02
06308	1 1/2	1.84	2.38	1.36
06309	2	2.12	2.92	2.14
06310	2 1/2	2.70	3.49	3.75
06311	3	3.08	4.20	5.73
06312	4	3.78	5.31	9.97

in inches

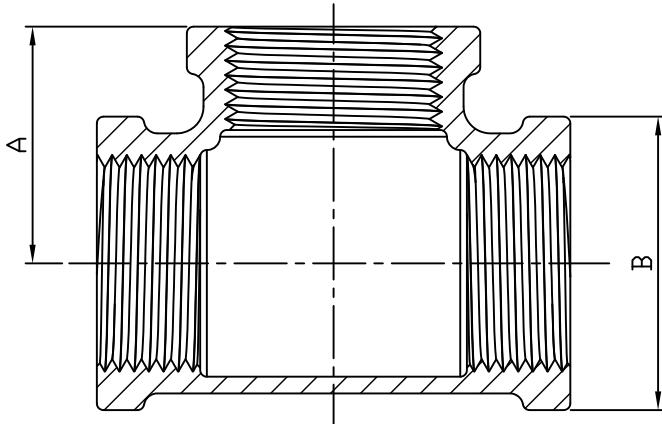


90° REDUCING ELBOWS						
BMI#	Size	A	B	C	D	Lbs
06316	3/8 x 1/4	0.79	0.75	1.00	0.80	0.14
06318	3/8 x 1/8	0.85	0.81	1.00	0.67	0.12
06319	1/2 x 3/8	0.91	0.94	1.17	1.00	0.21
06320	1/2 x 1/4	0.98	0.97	1.17	0.80	0.16
06323	3/4 x 1/2	1.11	1.08	1.42	1.17	0.33
06324	3/4 x 3/8	1.08	1.04	1.42	1.00	0.26
06327	1 x 3/4	1.31	1.30	1.72	1.42	0.54
06328	1 x 1/2	1.24	1.20	1.72	1.17	0.49
06331	1 1/4 x 1	1.60	1.52	2.10	1.72	0.86
06332	1 1/4 x 3/4	1.48	1.39	2.10	1.42	0.74
06333	1 1/4 x 1/2	1.53	1.34	2.10	1.17	0.48
06337	1 1/2 x 1 1/4	1.81	1.73	2.38	2.10	1.22
06338	1 1/2 x 1	1.72	1.55	2.38	1.72	1.05
06339	1 1/2 x 3/4	1.72	1.52	2.38	1.42	0.98
06340	2 x 1 1/2	2.07	1.89	2.92	2.38	1.79
06341	2 x 1 1/4	2.10	1.90	2.92	2.10	1.67
06342	2 x 1	2.02	1.73	2.92	1.72	1.41
06343	2 x 3/4	1.97	1.59	2.92	1.42	1.37
06346	2 1/2 x 2	2.60	2.40	3.49	2.92	3.04
06347	2 1/2 x 1 1/2	2.51	2.16	3.49	2.38	2.56
06352	3 x 2	2.89	2.52	4.20	2.92	4.00

in inches

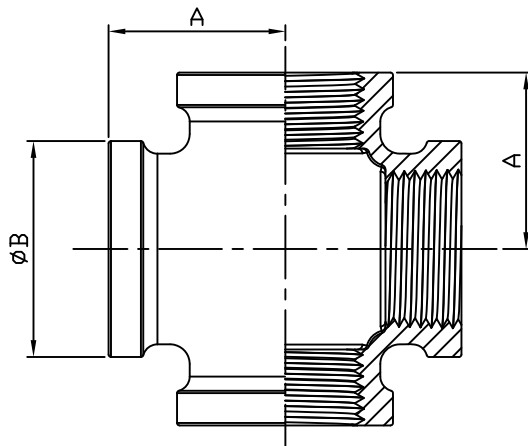
Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Unions A-A-59617
 Threads: ASME B1.20.1

**Certified by:**

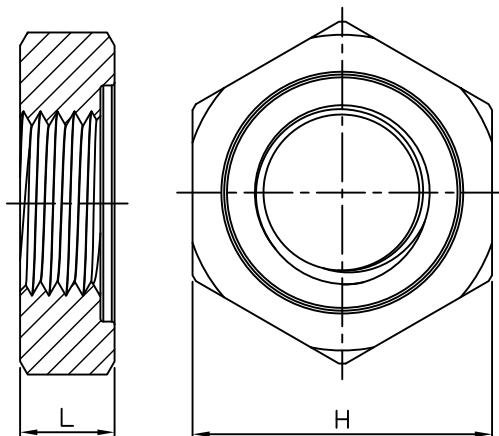
TEES				
BMI#	Size	A	B	Lbs
06401	1/8	0.54	0.67	0.07
06402	1/4	0.71	0.81	0.13
06403	3/8	0.82	1.00	0.21
06404	1/2	1.01	1.17	0.35
06405	3/4	1.18	1.42	0.55
06406	1	1.43	1.72	0.91
06407	1 1/4	1.69	2.10	1.34
06408	1 1/2	1.84	2.38	1.82
06409	2	2.12	2.92	2.79
06410	2 1/2	0.00	0.00	5.03
06411	3	3.18	4.20	6.92
06412	4	3.79	5.31	12.24

in inches



CROSSES				
BMI#	Size	A	B	Lbs
06802	1/4	0.71	0.81	0.15
06803	3/8	0.82	1.00	0.25
06804	1/2	1.01	1.17	0.43
06805	3/4	1.18	1.42	0.66
06806	1	1.43	1.72	1.10
06807	1 1/4	1.69	2.10	1.62
06808	1 1/2	1.84	2.38	2.12
06809	2	2.12	2.92	3.24

in inches



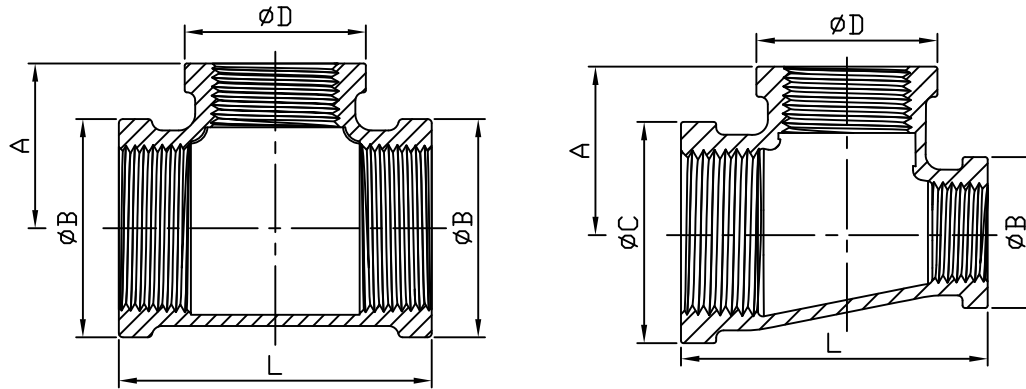
HEXAGON LOCKNUTS				
BMI#	Size	H	L	Lbs
06622	1/4	0.84	0.25	0.03
06623	3/8	1.00	0.28	0.06
06624	1/2	1.25	0.39	0.07
06625	3/4	1.43	0.34	0.11
06626	1	1.88	0.50	0.17
06627	1 1/4	2.10	0.42	0.24
06628	1 1/2	2.35	0.47	0.32
06629	2	2.88	0.53	0.50

in inches

Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Unions A-A-59617
 Threads: ASME B1.20.1

Certified by:



REDUCING TEES							
BMI#	Size	A	B	C	D	L	Lbs
06416	1/4 x 1/4 x 1/8	0.60	0.81	0.81	0.67	1.36	0.15
06417	3/8 x 3/8 x 1/4	0.79	1.00	1.00	0.81	2.20	0.17
06418	3/8 x 3/8 x 1/8	0.85	1.00	1.00	0.67	2.13	0.19
06420	1/2 x 1/2 x 3/4	1.08	1.17	1.17	1.42	2.24	0.37
06421	1/2 x 1/2 x 3/8	0.91	1.17	1.17	1.00	1.89	0.30
06422	1/2 x 1/2 x 1/4	0.85	1.17	1.17	0.81	1.68	0.27
06427	3/4 x 3/4 x 1	1.30	1.42	1.42	1.72	2.60	0.59
06429	3/4 x 3/4 x 1/2	1.11	1.42	1.42	1.17	2.16	0.47
06435	3/4 x 3/4 x 1/4	1.04	1.42	1.42	0.81	2.08	0.38
06430	3/4 x 1/2 x 3/4	1.18	1.42	1.17	1.42	2.29	0.43
06431	3/4 x 1/2 x 1/2	1.11	1.42	1.17	1.17	2.40	0.37
06438	1 x 1 x 3/4	1.31	1.72	1.72	1.42	2.60	0.78
06440	1 x 1 x 1/2	1.24	1.72	1.72	1.17	2.40	0.70
06437	1 x 1 x 1/4	1.14	1.72	1.72	0.81	2.60	0.65
06442	1 x 3/4 x 1	1.42	1.72	1.42	1.72	2.74	0.69
06444	1 x 3/4 x 3/4	1.31	1.72	1.42	1.42	2.48	0.69
06445	1 x 3/4 x 1/2	1.22	1.72	1.42	1.17	2.24	0.59
06448	1 x 1/2 x 1	1.42	1.72	1.17	1.72	3.31	0.77
06449	1 x 1/2 x 3/4	1.31	1.72	1.17	1.42	2.41	0.73
06450	1 x 1/2 x 1/2	1.24	1.72	1.17	1.17	2.40	0.50
06453	1 1/4 x 1 1/4 x 1	1.60	2.10	2.10	1.72	3.04	1.21
06454	1 1/4 x 1 1/4 x 3/4	1.48	2.10	2.10	1.42	2.78	1.07
06455	1 1/4 x 1 1/4 x 1/2	1.41	2.10	2.10	1.17	2.58	0.99
06457	1 1/4 x 1 x 1 1/4	1.69	2.10	1.72	2.10	3.31	1.26
06458	1 1/4 x 1 x 1	1.61	2.10	1.72	1.72	2.95	1.11
06461	1 1/4 x 3/4 x 1 1/4	1.69	2.10	1.42	2.10	3.17	1.15
06465	1 1/4 x 1/2 x 1 1/4	1.69	2.10	1.17	2.10	3.11	1.10
06471	1 1/2 x 1 1/2 x 1 1/4	1.81	2.38	2.38	2.10	3.46	1.67
06472	1 1/2 x 1 1/2 x 1	1.72	2.38	2.38	1.72	3.10	1.45
06473	1 1/2 x 1 1/2 x 3/4	1.60	2.38	2.38	1.42	2.84	1.33
06474	1 1/2 x 1 1/2 x 1/2	1.53	2.38	2.38	1.17	2.64	1.22
06482	1 1/2 x 1 x 1	1.45	2.38	1.72	1.72	3.60	1.29
06494	2 x 2 x 1 1/2	2.07	2.92	2.92	2.38	3.78	2.47
06495	2 x 2 x 1 1/4	2.04	2.92	2.92	2.10	3.54	2.29
06496	2 x 2 x 1	1.95	2.92	2.92	1.72	3.18	2.06
06497	2 x 2 x 3/4	1.84	2.92	2.92	1.42	2.94	1.89
06498	2 x 2 x 1/2	1.81	2.92	2.92	1.17	2.79	1.86

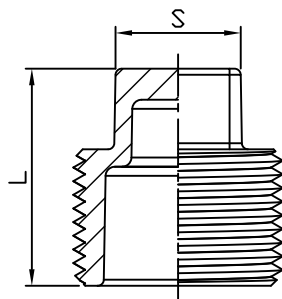
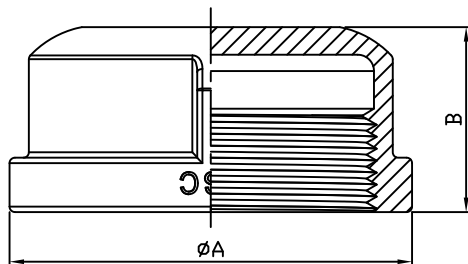
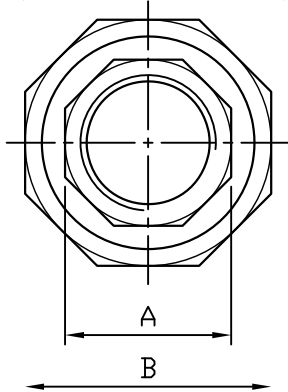
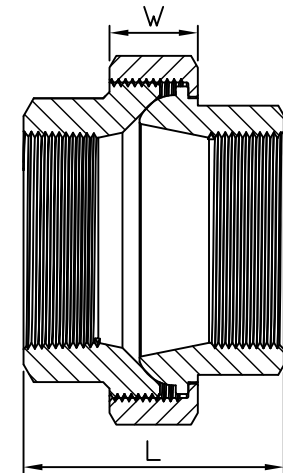
in inches

Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Unions A-A-59617
 Threads: ASME B1.20.1



Certified by:



UNIONS						
BMI#	Size	A	B	W	L	Lbs
06101	1/8	0.60	0.98	0.51	1.22	0.18
06102	1/4	0.71	1.24	0.55	1.37	0.26
06103	3/8	0.89	1.50	0.59	1.49	0.39
06104	1/2	1.07	1.65	0.67	1.48	0.44
06105	3/4	1.23	1.86	0.75	1.82	0.59
06106	1	1.56	2.26	0.75	1.97	0.91
06107	1 1/4	1.89	2.61	0.79	2.12	1.32
06108	1 1/2	2.15	2.94	0.87	2.27	1.80
06109	2	2.60	3.50	0.91	2.46	2.66
06110	2 1/2	3.35	4.25	1.10	3.25	4.54
06111	3	3.87	4.98	1.22	3.27	5.86
06112	4	0.00	0.00	0.00	0.00	9.99

in inches

CAPS				
BMI#	Size	A	B	Lbs
06501	1/8	0.67	0.49	0.03
06502	1/4	0.81	0.59	0.06
06503	3/8	1.00	0.64	0.08
06504	1/2	1.17	0.76	0.13
06505	3/4	1.42	0.84	0.21
06506	1	1.72	0.99	0.35
06507	1 1/4	2.10	1.10	0.52
06508	1 1/2	2.38	1.15	0.65
06509	2	2.92	1.20	1.14
06510	2 1/2	3.49	1.70	1.88
06511	3	0.00	0.00	2.85
06512	4	0.00	0.00	4.32

in inches

CORED PLUGS				
BMI#	Size	S	L	Lbs
06601	1/8	0.28	0.51	0.02
06602	1/4	0.37	0.68	0.04
06603	3/8	0.44	0.72	0.06
06604	1/2	0.56	0.98	0.10
06605	3/4	0.67	1.16	0.13
06606	1	0.81	1.38	0.22
06607	1 1/4	0.94	1.46	0.32
06608	1 1/2	1.12	1.53	0.47
06609	2	1.31	1.61	0.68
06610	2 1/2	1.50	1.81	1.31
06611	3	1.69	2.16	1.71
06612	4	0.00	0.00	2.84

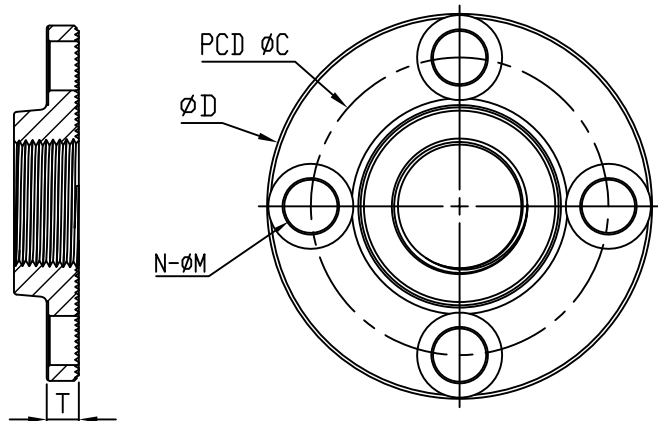
in inches

Certified by:



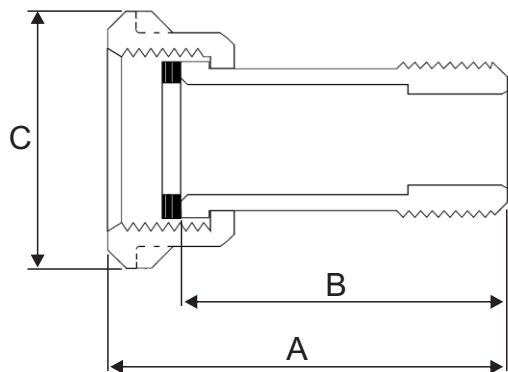
Complies with:

Materials: ASTM B584 (C87800) ANSI/NSF-61
 Dimensions: Fittings ASME B16.15
 Flanges ASME B16.24 MSS SP-106
 Threads: ASME B1.20.1



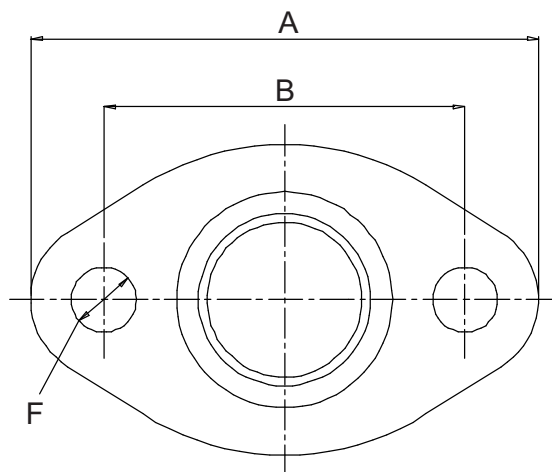
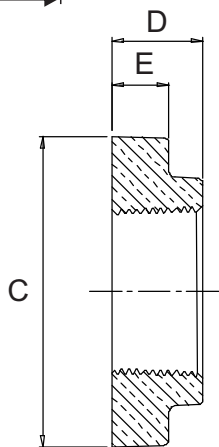
COMPANION FLANGES							
BMI#	Size	C	D	T	N	M	Lbs
06705	3/4 x 3 7/8	2.75	3.94	0.34	4.00	0.63	1.04
06706	1 x 4 1/4	3.13	4.33	0.38	4.00	0.63	1.53
06707	1 1/4 x 4 5/8	3.50	4.53	0.41	4.00	0.63	2.00
06708	1 1/2 x 5	3.87	4.92	0.44	4.00	0.63	2.57
06709	2 x 6	4.75	5.93	0.50	4.00	0.75	3.91
06710	2 1/2 x 7	5.50	7.09	0.56	4.00	0.75	6.18
06711	3 x 7 1/2	6.00	7.48	0.62	4.00	0.75	7.49
06712	4 x 9	7.50	9.05	0.70	4.00	0.75	11.32

in inches



METER COUPLINGS					
BMI#	Size	A	B	C	Lbs
06084	1/2	2.63	2.30	1.41	0.28
06085	3/4	2.91	2.48	1.57	0.41
06086	1	3.13	2.61	1.87	0.55

in inches



METER FLANGES								
BMI#	Size	A	B	C	D	E	F	Lbs
06738	1 1/2	5.44	3.87	3.37	1.00	0.63	0.73	1.85
06739	2	5.75	4.44	3.75	1.19	0.76	0.82	2.76

in inches