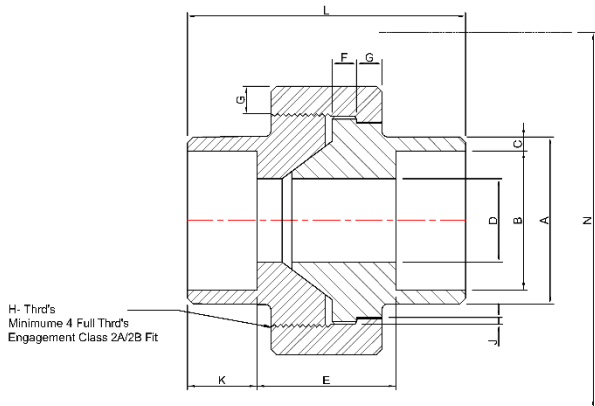


Project Name: _____
Job #: _____

ASTM A182, FORGED STEEL

UNIONS - SOCKETWELD



Grade: ☐ T304L ☐ T316L
Connection: ☐ Socket weld
Source: ☐ Import ☐ Domestic ☐ BAA ☐ AIS

DIMENSIONS

UOM: Inches/LBS

	Nom. Pipe Size	Pipe End Min. A	Socket Bore Dia. B	Socket Wall Min. C	Water Way Bore D	Laying Length E	Male Flange Min. F	Nut Min. G	Thrds. Per 25.4mm Max. H	Bearing Min. J	Depth of Socket Min. K	Length Assem. L	Clear Assem. Nut N.
☐	1/8	0.858	0.430 0.420	0.095	0.269 0.253	0.882 0.748	0.125	0.125	0.630	0.049	0.378	1.630	1.929
☐	1/4	0.858	0.560 0.550	0.119	0.388 0.372	0.882 0.748	0.125	0.125	0.630	0.049	0.378	1.630	1.929
☐	3/8	1.020	0.700 0.690	0.126	0.548 0.532	1.059 0.811	0.135	0.135	0.551	0.054	0.378	1.811	2.165
☐	1/2	1.228	0.860 0.850	0.147	0.688 0.672	1.059 0.811	0.145	0.145	0.551	0.059	0.378	1.929	2.244
☐	3/4	1.461	1.070 1.060	0.154	0.858 0.842	1.252 1.000	0.160	0.160	0.433	0.066	0.500	2.240	2.638
☐	1	1.791	1.340 1.330	0.179	1.108 1.092	1.350 1.031	0.180	0.175	0.433	0.073	0.500	2.441	3.110
☐	1 1/4	2.161	1.680 1.670	0.191	1.408 1.392	1.598 1.280	0.210	0.205	0.433	0.084	0.500	2.799	3.701
☐	1 1/2	2.421	1.920 1.910	0.200	1.638 1.622	1.661 1.339	0.230	0.220	0.394	0.091	0.500	3.008	4.370
☐	2	2.961	2.420 2.410	0.218	2.068 2.052	1.791 1.469	0.260	0.252	0.394	0.106	0.622	3.390	5.197
☐	2 1/2	3.610	2.920 2.900	0.276	2.548 2.532	2.429 2.051	0.295	0.280	0.315	0.121	0.622	4.031	5.827
☐	3	4.299	3.550 3.530	0.300	3.058 3.042	2.512 2.110	0.325	0.325	0.315	0.139	0.622	4.291	6.890

3000# Forged 316 stainless steel material conforms to ASME A182
Forged stainless steel fitting dimensions conform to ASME B16.11
NPT threads conform to ASME B1.20.1
Socket weld fittings conform to ASME B16.11
Forged stainless union conform to MSS SP-83
Forged stainless outlets conform to MSS SP-97
Forged stainless socket weld inserts conform to MSS SP-79