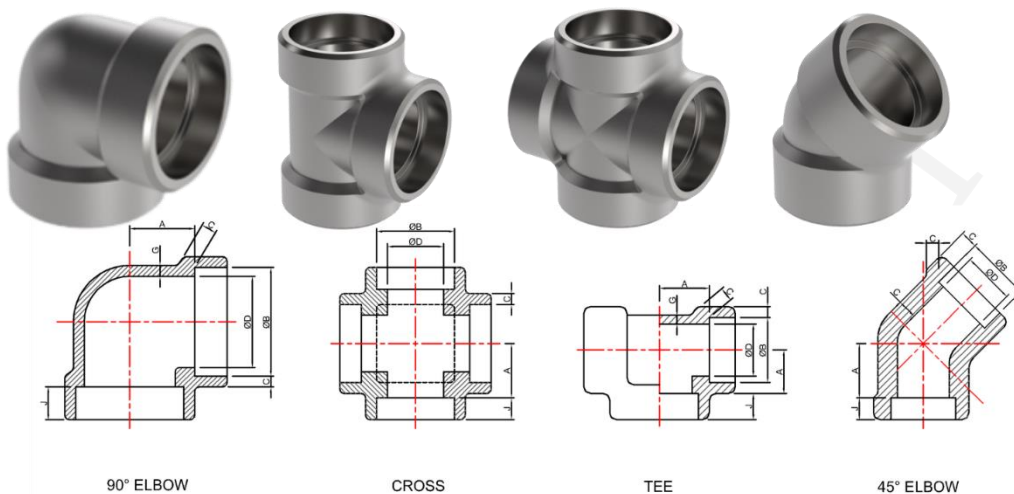


Project Name: _____
Job #: _____

ASTM A182, FORGED STEEL

90° ELBOW ♠ CROSS ♦ TEES ♥ 45° ELBOW – SOCKET WELD



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

DIMENSIONS

UOM: Inches/LBS

SELECT	DN	Nom. Pipe Size	Socket Bore Dia. (2) B	Bore Diameter of Fitting (2) D		Socket Wall Thickness (1) C				Body Wall Thickness G		Depth of Socket Min. J
						Class Designation				Class Designation		
				Class Designation		3000		6000		3000	6000	
				3000	6000	Ave.	Min.	Ave.	Min.	Min.	Min.	
☐	6	1/8	0.441 0.425	0.299 0.240	0.189 0.126	0.125	0.125	0.156	0.135	0.095	0.124	0.374
☐	8	1/4	0.575 0.559	0.394 0.335	0.280 0.220	0.149	0.130	0.181	0.158	0.119	0.145	0.374
☐	10	3/8	0.709 0.693	0.524 0.465	0.390 0.331	0.158	0.138	0.198	0.172	0.126	0.158	0.374
☐	15	1/2	0.874 0.858	0.654 0.591	0.492 0.433	0.184	0.161	0.235	0.204	0.147	0.188	0.374
☐	20	3/4	1.087 1.071	0.854 0.795	0.642 0.583	0.193	0.168	0.274	0.238	0.154	0.219	0.492
☐	25	1	1.350 1.335	1.079 1.020	0.846 0.783	0.224	0.196	0.312	0.273	0.179	0.250	0.492
☐	32	1 1/4	1.697 1.681	1.409 1.350	1.189 1.130	0.239	0.208	0.312	0.273	0.191	0.250	0.492
☐	40	1 1/2	1.937 1.921	1.638 1.579	1.366 1.307	0.250	0.218	0.351	0.307	0.200	0.281	0.492
☐	50	2	2.429 2.409	2.098 2.035	1.717 1.657	0.273	0.238	0.430	0.374	0.218	0.344	0.630
☐	65	2 1/2	2.929 2.909	2.528 2.409		0.345	0.302			0.276		0.630
☐	80	3	3.555 3.535	3.126 3.008		0.375	0.327			0.300		0.630
☐	100	4	4.555 4.535	4.087 3.965		0.421	0.368			0.337		0.748

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