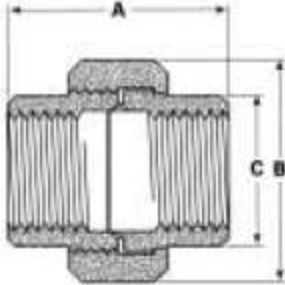




# IPS INDUSTRIAL CLASS 150 & 3000 THREADED AND SOCKET WELD UNIONS

Stainless Steel • Monel • Nickel • Alloy 20 • Available in all special alloys and many other ferrous and non-ferrous metals

### CLASS 150 THREADED UNIONS\*



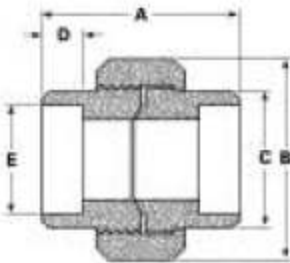
Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
Dimension A	1-1/2	1-1/2	1-5/8	1-15/16	1-15/16	2-3/8	2-5/8	3	3-1/8	3-3/4	4-1/8	4-3/8
Dimension B	1-1/8	1-1/8	1-5/16	1-1/2	1-13/16	2-1/8	2-5/8	3	3-5/8	4-1/2	5-3/8	6-3/4
Dimension C	13/16	13/16	7/8	1-1/16	1-5/16	1-9/16	1-7/8	2 1/8	2-11/16	3-1/4	3-15/16	5-3/16
Approx. Wt. #	.24	.20	.26	.38	.56	.90	1.40	2.02	3.04	5.30	8.56	12.70

### CLASS 3000 THREADED UNIONS • MSS-SP-83

Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
Dimension A	1-5/8	1-5/8	1-13/16	1-15/16	2 1/4	2-1/2	2-13/16	3	3 3/8	-	-	-
Dimension B	1-3/8	1-3/8	1-5/8	1-27/32	2-3/16	2-1/2	3-1/16	3-13/32	4-3/32	-	-	-
Dimension C	7/8	7/8	1-1/32	1-1/4	1-15/32	1-5/8	2-1/32	2-5/16	2-27/32	-	-	-
Approx. Wt. #	.40	.38	.56	.76	1.22	1.52	2.66	3.26	4.76	-	-	-

\*Class 150 Dimension C for 1 1/4" and over is "Across Flats" (Octagonal Ends).

### CLASS 150\* SOCKET WELD UNIONS



Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
Dimension A	-	-	-	1-15/16	1-15/16	2-3/8	2-5/8	3	3-1/8	-	-	-
Dimension B	-	-	-	1-1/2	1-13/16	2-1/8	2-5/8	3	3-5/8	-	-	-
Dimension C	-	-	-	1-1/16	1-5/16	1-9/16	1-7/8	2-1/8	2-11/16	-	-	-
Dimension D	-	-	-	17/32	19/32	19/32	9/16	9/16	5/8	-	-	-
Dimension E	-	-	-	.855	1.065	1.330	1.675	1.915	2.406	-	-	-
Approx. Wt. #	-	-	-	.36	.56	.90	1.35	2.05	3.05	-	-	-

### CLASS 3000\* SOCKET WELD UNIONS • MSS-SP-83

Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
Dimension A	1-5/8	1-5/8	1-13/16	1-15/16	2-1/4	2-1/2	2-13/16	3	3-3/8	-	-	-
Dimension B	1-3/8	1-3/8	1-5/8	1-27/32	2-3/16	2-1/2	3-1/16	3-13/32	4-3/32	-	-	-
Dimension C	7/8	7/8	1-1/32	1-1/4	1-15/32	1-51/64	2-11/64	2-15/16	3-1/32	-	-	-
Dimension D	3/8	3/8	7/16	1/2	9/16	4-1/64	11/16	3/4	7/8	-	-	-
Dimension E	.420	.555	.690	.855	1.065	1.330	1.675	1.915	2.406	-	-	-
Approx. Wt. #	.40	.38	.54	.74	1.20	1.64	2.66	3.34	5.02	-	-	-

\*Class 150 Dimension C for 1 1/4" and over is "Across Flats" (Octagonal Ends).