









Malleable Iron Unions

Class 150; 250; 300

BRASS TO IRON								
Unions	Size		End to End		Unit Weight			
	NPS	DN	in	mm	Black		Galv.	
					lbs	kg	lbs	kg
FIGURE 463 ■ Class 150 Union 150lb. wsp · 300lb. wog non-shock   (UL Listed Sizes: 1/4" - 2") (FM Approved Sizes: 1/4" - 3") Note: 3/4" x 1/2" size is not UL Listed or FM Approved.	1/8	6	1 5/16	33	0.15	0.07	0.15	0.07
	1/4	8	1 13/16	47	0.48	0.22	0.48	0.22
	3/8	10	1 13/16	47	0.42	0.19	0.42	0.19
	1/2	15	1 15/16	49	0.42	0.19	0.42	0.19
	3/4	20	2 1/16	52	0.60	0.27	0.60	0.27
	3/4 x 1/2	20 x 15	2 1/16	52	0.55	0.25	0.55	0.25
	1	25	2 7/16	62	1.12	0.51	1.12	0.51
	1 1/4	32	2 9/8	67	1.74	0.79	1.74	0.79
	1 1/2	40	2 3/4	70	2.08	0.94	2.08	0.94
	2	50	2 15/16	75	3.00	1.36	3.00	1.36
	2 1/2	65	3 3/8	92	3.60	1.63	3.60	1.63
3	80	3 3/4	95	4.95	2.24	4.95	2.24	
FIGURE 554 ■ Class 250 Union 250 lb. wsp · 500lb. wog non-shock   (UL Listed Sizes: 1/4" - 2") (FM Approved Sizes: 1/4" - 4")	1/8	6	1 5/16	33	0.14	0.06	—	—
	1/4	8	1 13/16	47	0.48	0.22	0.48	0.22
	3/8	10	1 13/16	47	0.42	0.19	0.42	0.19
	1/2	15	2 1/16	52	0.64	0.29	0.64	0.29
	3/4	20	2 1/4	57	1.00	0.45	1.00	0.45
	1	25	2 9/16	65	1.56	0.71	1.56	0.71
	1 1/4	32	2 3/4	70	2.30	1.04	2.30	1.04
	1 1/2	40	3	76	2.74	1.24	2.74	1.24
	2	50	3 3/8	86	4.34	1.97	4.34	1.97
	2 1/2	65	3 7/8	98	5.30	2.40	5.30	2.40
	3	80	4 1/4	108	7.60	3.45	7.60	3.45
4	100	4 7/8	124	17.50	7.94	17.50	7.94	
FIGURE 459 ■ Class 300 Union 300lb. wsp · 600lb. wog non-shock   (UL Listed Sizes: 1/4" - 2") (FM Approved Sizes: 1/4" - 4")	1/8	6	1 5/16	33	0.14	0.06	0.14	0.06
	1/4	8	1 13/16	47	0.48	0.22	0.48	0.22
	3/8	10	1 13/16	47	0.42	0.19	0.42	0.19
	1/2	15	2 1/16	52	0.64	0.29	0.64	0.29
	3/4	20	2 1/4	57	1.00	0.45	1.00	0.45
	1	25	2 9/16	65	1.56	0.71	1.56	0.71
	1 1/4	32	2 3/4	70	2.30	1.04	2.30	1.04
	1 1/2	40	3	76	2.74	1.24	2.74	1.24
	2	50	3 3/8	86	4.34	1.97	4.34	1.97
	2 1/2	65	3 7/8	98	5.05	2.29	5.05	2.29
	3	80	4 1/4	108	7.66	3.47	7.66	3.47
4	100	4 7/8	124	17.70	8.03	17.70	8.03	
FIGURE 551 ■ Class 300 Union male & female 300lb. wsp · 600lb. wog non-shock  	1/2	15	3	76	0.62	0.28	—	—
	3/4	20	3 3/16	81	0.92	0.42	—	—
	1	25	3 5/8	92	1.54	0.70	—	—
	1 1/2	40	4 1/4	108	2.60	1.18	—	—
	2	50	4 5/8	117	4.21	1.91	—	—

■ Pressure & Temperature rates shown on page 17.

- Anvil Malleable Iron Unions conform to ASME B 16.39 and are in compliance with the requirements of the AAR (1994 AAR Manual of standards and Practices).
- Dimensions conform to ASME B 16.39 for Class 150, 250 & 300 Unions.

wsp=working steam pressure

wog=water, oil, gas