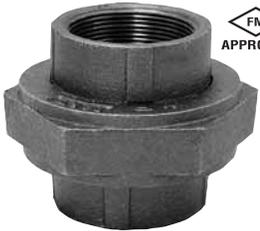
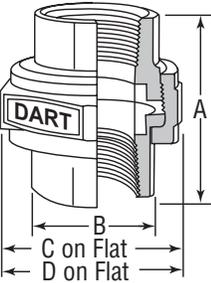


MALLEABLE IRON

Malleable Iron Unions

Class 150; 250; 300

BRONZE TO IRON								
FIGURE 552 Class 300 90° Elbow Female Union 300lb. wsp	Size		Center to End				Unit Weight	
			Elbow		Union		Black	
	NPS	DN	in	mm	in	mm	lbs	kg
	3/8	10	1 1/16	27	2 1/16	52	0.51	0.23
	1/2	15	1 1/4	32	2 5/16	59	0.79	0.36
	3/4	20	1 7/16	37	2 3/4	70	1.24	0.56
	1	25	1 5/8	41	3	76	1.88	0.85

FIGURE 832 Dart Union Bronze to Bronze Seat Union	Size		A		B		C		D		Unit Weight			
			in	mm	in	mm	in	mm	in	mm	Black		Galv.	
	NPS	DN	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
 	3/8	10	1 3/4	44	1 5/16	24	1 1/2	38	1 3/4	44	0.41	0.19	0.43	0.20
	1/2	15	2 1/8	54	1 1/8	29	1 3/16	30	2	51	0.58	0.26	0.61	0.28
	3/4	20	2 5/16	59	1 3/8	35	2 3/16	56	2 1/2	64	0.82	0.37	0.86	0.39
	1	25	2 5/8	67	1 1 1/16	43	2 9/16	65	3	76	1.31	0.59	1.36	0.62
	1 1/4	32	2 13/16	73	2 1/16	52	3 1/16	78	3 1/2	89	1.90	0.86	2.00	0.91
	1 1/2	40	3	76	2 3/16	56	3 3/8	86	4	102	2.32	1.05	2.43	1.10
	2	50	3 5/8	92	2 7/8	73	4 1/16	103	4 5/8	117	4.00	1.81	4.20	1.90

- Meets ASME B16.39 The standard union for most installations
 3/8 – 2 NPS (10 – 50 DN) – 300lb (136 kg) steam working pressure at 450°F.
 3/8 – 2 NPS (10 – 50 DN) – 600lb (272 kg) cold water, gas, or oil pressure - non-shock.
- Bronze Seat, on both sides of the joint. Resists corrosion.
- True bearing surfaces, unlike ordinary union seats.
- Bodies and nuts are high test air-refined malleable iron - generally superior to mild steel in most services.
- Can be repeatedly installed and removed.
- Straight way through. No cored parts to hold liquid or sediment.
- Extra heavy shoulder on swivel end and in the nut to stand pipe strains, vibration, and wrench abuse.
- Bronze Seat Ball Joint, with extra wide seating surfaces.