

Wing Unions

10,000 psi cwp – 15,000 psi test



Size	Item	Unit Weight		A		B		C		TPI	Material			
		NPS	Dn	lbs	kg	in	mm	in	mm		in	mm	Nuts	Subs
		<p>FIGURE 1002 Buttweld Ends Schedule 160 Red Nut/Blue Subs</p>												
2	50	Union Complete	14.25	6.46	5.200	132.08	3.000	76.20	7.375	187.33	3	MOD	All Alloy Steel Forging	
		Nut	7.35	3.34										
		Male Sub	3.50	1.59										
		Female Sub w/Ring	3.75	1.70										
		Seat Ring	–	–										
3	80	Union Complete	21.25	9.64	6.200	157.48	4.240	107.70	9.320	236.73	4	STD		
		Nut	10.70	4.86										
		Male Sub	5.75	2.61										
		Female Sub w/Ring	6.00	2.72										
		Seat Ring	–	–										
4	100	Union Complete	31.5	14.29	8.280	210.31	5.250	133.35	10.700	271.78	4	STD		
		Nut	14.70	6.68										
		Male Sub	9.00	4.08										
		Female Sub w/Ring	9.50	4.31										
		Seat Ring	–	–										

Alloy steel forgings in high-pressure manifold and treating iron connections. Field-replaceable seal ring protects the metal-to-metal seal. Available in threaded and butt weld ends. Unions are used primarily by service companies on applications of cementing, fracturing, and acidizing.

Size	Item	Unit Weight		A		B		C		TPI	Material			
		NPS	Dn	lbs	kg	in	mm	in	mm		in	mm	Nuts	Subs
		<p>FIGURE 1002 Buttweld Ends Schedule XXH Red Nut/Blue Subs</p>												
2	50	Union Complete	13.16	5.97	5.200	132.08	3.000	76.20	7.375	187.33	3	MOD	All Alloy Steel Forging	
		Nut	7.35	3.34										
		Male Sub	3.44	1.56										
		Female Sub w/Ring	3.18	1.44										
		Seat Ring	–	–										
3	80	Union Complete	25.52	11.57	6.200	157.48	4.240	107.70	9.320	236.73	4	STD		
		Nut	10.70	4.86										
		Male Sub	7.70	3.49										
		Female Sub w/Ring	7.42	3.37										
		Seat Ring	–	–										
4	100	Union Complete	34.04	15.44	8.280	210.31	5.250	133.35	10.700	271.78	4	STD		
		Nut	14.70	6.68										
		Male Sub	9.36	4.24										
		Female Sub w/Ring	10.34	4.69										
		Seat Ring	–	–										

Alloy steel forgings in high-pressure manifold and treating iron connections. Field-replaceable seal ring protects the metal-to-metal seal. Available in threaded and butt weld ends. Unions are used primarily by service companies on applications of cementing, fracturing, and acidizing.

- Warnings:** 1. Do not mix Standard Service and Sour Gas Service Unions or parts.
 2. Do not make up or break out Unions in pressurized lines.
 3. Always use good safety practices, including use of safety glasses, when making up or breaking out Unions.

▲ Weld ends – Consult Factory. † Steel Forging Subs available – Consult Factory. TPI = Threads per inch. DI = Ductile Iron. SF = Steel Forging. BS = Bar Stock. ST = Steel Tubing.



Malleable Iron

Cast Iron

Small Steel Fittings

Pipe Nipples & Pipe Couplings

Forged Steel Fittings & Unions

Anvils

Catawissa

J.B. Smith Products