

# Steel Pipe Couplings

## Merchant Couplings



**FIGURE 336**  
Standard, Full & Half



Size		Outside Diameter (Coupling)		Length				Threads		Unit Weight							
				Full		Half				Full				Half			
				Straight Tapped		Taper Tapped				Straight Tapped		Taper Tapped					
NPS	DN	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kg
1/8	6	0.563	14	13/16	22	11/32	9	27	686	0.03	0.01	0.03	0.01	0.01	0.00	0.01	0.00
1/4	8	0.719	18	13/16	30	17/32	13	18	457	0.07	0.03	0.07	0.03	0.03	0.01	0.03	0.01
3/8	10	0.875	22	13/16	30	17/32	13	18	457	0.10	0.05	0.10	0.05	0.05	0.02	0.05	0.02
1/2	15	1.063	27	13/16	40	23/32	18	14	356	0.18	0.08	0.18	0.08	0.08	0.04	0.08	0.04
3/4	20	1.313	33	1 1/8	41	3/4	19	14	356	0.26	0.12	0.26	0.12	0.12	0.05	0.12	0.05
1	25	1.576	40	2	51	15/16	24	11 1/2	292	0.42	0.19	0.42	0.19	0.18	0.08	0.18	0.08
1 1/4	32	1.900	48	2 1/8	52	31/32	25	11 1/2	292	0.50	0.23	0.50	0.23	0.23	0.10	0.23	0.10
1 1/2	40	2.200	56	2 1/8	52	31/32	25	11 1/2	292	0.67	0.30	0.67	0.30	0.32	0.15	0.32	0.15
2	50	2.750	70	2 3/8	54	1	25	11 1/2	292	1.03	0.47	1.03	0.47	0.47	0.21	0.47	0.21
2 1/2	65	3.250	83	3 1/8	79	1 1/2	38	8	203	2.09	0.95	2.15	0.98	0.96	0.44	0.96	0.44
3	80	4.000	102	3 1/4	83	1 5/8	40	8	203	3.36	1.52	3.46	1.57	1.60	0.73	1.60	0.73
3 1/2	90	4.625	117	3 3/8	86	1 7/8	41	8	203	4.82	2.19	5.18	2.35	2.22	1.01	2.22	1.01
4	100	5.000	127	3 1/2	89	1 7/8	43	8	203	4.80	2.18	4.87	2.21	2.11	0.96	2.11	0.96
5	125	6.296	160	3 3/4	95	1 7/8	46	8	203	8.31	3.77	8.75	3.97	3.80	1.72	3.80	1.72
6	150	7.390	188	4	102	1 7/8	46	8	203	11.18	5.07	11.88	5.39	5.28	2.39	5.28	2.39

- Manufactured in accordance with ASTM specification A865 and A589.
- Merchant couplings in sizes 1/8" NPS (6 DN) through 2" NPS (50 DN) are normally supplied straight tapped. Sizes 2 1/2" NPS (65 DN) and larger are taper tapped.
- Taper tapped standard merchant couplings in sizes 1/8" NPS (6 DN) through 2" NPS (50 DN) are available upon request.
- API line pipe couplings are used in all sizes over 6" NPS (150 DN).
- Couplings from 1/8" NPS (6 DN) through 6" NPS (150 DN) are dipped in rust preventative.
- Electroplated full couplings are also available.

**Note**

- Half couplings are chamfered on one end and squared on the other.