

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
⅛	6	0.563	14	1⅜	22	1⅛	9	27	686	0.03	0.01	0.03	0.01	0.01	0.00	0.01	0.00
¼	8	0.719	18	1⅜	30	1⅞	13	18	457	0.07	0.03	0.07	0.03	0.03	0.01	0.03	0.01
⅜	10	0.875	22	1⅜	30	1⅞	13	18	457	0.10	0.05	0.10	0.05	0.05	0.02	0.05	0.02
½	15	1.063	27	1⅞	40	2⅜	18	14	356	0.18	0.08	0.18	0.08	0.08	0.04	0.08	0.04
¾	20	1.313	33	1⅝	41	¾	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	1⅝	24	11½	292	0.42	0.19	0.42	0.19	0.18	0.08	0.18	0.08
1¼	32	1.900	48	2⅞	52	3⅞	25	11½	292	0.50	0.23	0.50	0.23	0.23	0.10	0.23	0.10
1½	40	2.200	56	2⅞	52	3⅞	25	11½	292	0.67	0.30	0.67	0.30	0.32	0.15	0.32	0.15
2	50	2.750	70	2⅞	54	1	25	11½	292	1.03	0.47	1.03	0.47	0.47	0.21	0.47	0.21
2½	65	3.250	83	3⅞	79	1½	38	8	203	2.09	0.95	2.15	0.98	0.96	0.44	0.96	0.44
3	80	4.000	102	3¼	83	1⅞	40	8	203	3.36	1.52	3.46	1.57	1.60	0.73	1.60	0.73
3½	90	4.625	117	3⅞	86	1⅝	41	8	203	4.82	2.19	5.18	2.35	2.22	1.01	2.22	1.01
4	100	5.000	127	3½	89	1⅞	43	8	203	4.80	2.18	4.87	2.21	2.11	0.96	2.11	0.96
5	125	6.296	160	3¾	95	1⅞	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	1⅞	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.
- Galvanized full couplings are also available.

Note

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