



GROOVED END COUPLING



Style 75 is available where moderate pressures are expected or weight considerations as a factor. Upto 50% lighter in weight than the Style 77, the Style 75 coupling is recommended for lower working pressure.



Dimensions for Grooved Coupling Style 75

Pipe Size		Overall dimensions			Joint particulars			
Nominal Bore	OD	X	Y	Z	Bolts		Approx Weight Kg.	Test Pressure Mpa
Inch	mm	mm	mm	mm	Dia mm & Inch	Length mm		
1"	33.4	105	61	45.0	10	50	0.6	3.5
1 1/4"	42.2	114	68	45.0	10	50	0.6	3.5
1 1/2"	48.3	117	78	46.0	10	50	0.7	3.5
2"	60.3	128	89	47.0	10	50	0.8	3.5
2 1/2"	73.0	150	104	47.0	10	50	1.0	3.5
2 1/2"	76.1	150	104	49.0	10	50	1.0	3.5
3"	88.9	166	118	49.0	1/2"	62	1.10	3.5
4"	114.3	202	144	53.0	1/2"	62	1.60	3.5
5"	141.3	255	178	53.0	5/8"	83	2.80	3.1
6"	168.3	276	204	53.0	5/8"	83	3.0	3.1
8"	219.1	355	263	57.0	5/8"	108	5.4	3.1
10"	273.0	406	330	63.0	3/4"	127	8.3	3.1
12"	323.9	449	385	64.0	1"	152	11.0	3.1



The standard of the line, style 77 is available in a broad range of IPS sizes for varied services. The housing has ribbed construction to provide maximum strength without unnecessary weight. The coupling is capable of withstanding high pressure



Dimensions for Grooved Coupling Style 77

Pipe Size		Overall dimensions			Joint particulars			
Nominal Bore	OD	X	Y	Z	Bolts		Approx Weight Kg.	Test Pressure Mpa
Inch	mm	mm	mm	mm	Dia mm & Inch	Length mm		
1/2"	21.7	89	50	45	10	50	0.4	6.8
3/4"	26.7	96	55	45	10	50	0.5	6.8
1"	33.4	98	63	46	10	50	0.65	6.8
1 1/4"	42.2	112	72	47	1/2"	62	0.8	6.8
1 1/2"	48.3	120	80	47	1/2"	62	0.9	6.8
2"	60.3	143	95	47	1/2"	62	1.3	6.8
2 1/2"	73.0	149	109	47	1/2"	62	1.5	6.8
2 1/2"	76.1	164	113	48	1/2"	62	1.5	6.8
3"	88.9	170	131	48	1/2"	62	1.7	6.8
4"	114.3	214	156	52	5/8"	83	2.8	6.8
5"	141.3	255	195	52	5/8"	83	3.6	6.8
6"	168.3	290	219	52	5/8"	108	4.0	6.8
8"	219.1	370	276	62	3/4"	127	8.8	5.4
10"	273.0	432	340	65	1"	152	11.8	5.4
12"	323.9	490	390	65	1"	152	14.0	5.4
14"	355.6	530	420	76	1"	165	16.0	2.0
16" **	406.4	570	485	76	1"	95	22.0	2.0
18" **	457.0	602	540	79	1"	95	29.0	2.0
20" **	508.0	688	597	79	27	108	30.0	2.0
22" **	559.0	740	650	79	27	108	35.0	2.0
24" **	610.0	795	700	79	27	108	38.0	2.0

** Couplings are in 4 Section