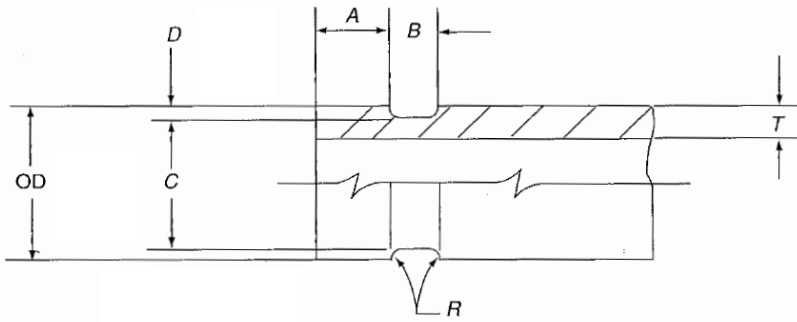


# Cut Grooving Dimensions for Rigid Joints



## DUCTILE IRON PRESSURE PIPE AWWA C606-04

NOTE: Grooving dimensions are the same for any one pipe outside diameter, regardless of pipe class and pressure

Nominal Pipe Size	Pipe OD	Gasket Seat +0.016 -0.047 (A**)	Groove Width +0.031 -0.016 (B)	Groove Diameter (C†)	Radius (R)	(T‡)	Groove Depth (D)	
							Minimum	Maximum
4	4.80 ±0.06	0.840	0.375	4.563 +0 -0.020	0.120	0.32	0.096	0.151
6	6.90 ±0.06	0.840	0.375	6.656 +0 -0.020	0.120	0.34	0.100	0.154
8	9.05 ±0.06	0.950	0.500	8.781 +0 -0.025	0.145	0.36	0.104	0.177
10	11.10 ±0.06	1.015	0.500	10.813 +0 -0.025	0.145	0.38	0.114	0.186
12	13.20 ±0.06	1.015	0.500	12.906 +0 -0.030	0.145	0.40	0.117	0.192
14	15.30 +0.05 -0.08	1.015	0.625	14.969 +0 -0.030	0.165	0.42	0.126	0.206
16	17.40 +0.05 -0.08	1.340	0.625	17.063 +0 -0.030	0.165	0.43	0.128	0.208
18	19.50 +0.05 -0.08	1.340	0.625	19.125 +0 -0.030	0.185	0.44	0.148	0.228
20	21.60 +0.05 -0.08	1.340	0.625	21.219 +0 -0.030	0.185	0.45	0.150	0.230
24	25.80 +0.05 -0.08	1.340	0.625	25.406 +0 -0.030	0.185	0.47	0.157	0.237
30	32.00 +0.08 -0.06	1.625	0.750	31.550 +0 -0.035	0.215	0.51	0.195	0.282
36	38.30 +0.08 -0.06	1.625	0.750	37.850 +0 -0.035	0.215	0.58	0.195	0.282

Dimensions are in inches where applicable. To convert inches to millimeters, multiply by 25.4.

\* A is the gasket seating surface (see Sec. 4.3.4).

† C diameters are average values.

‡ T is the nominal wall thickness corresponding to the minimum standard pipe classes (special thickness class 53 for 4 in. [100 mm] through 36 in. [900 mm]) that should be grooved; tolerances referenced in ANSI/AWWA C151/A21.51 shall apply.