

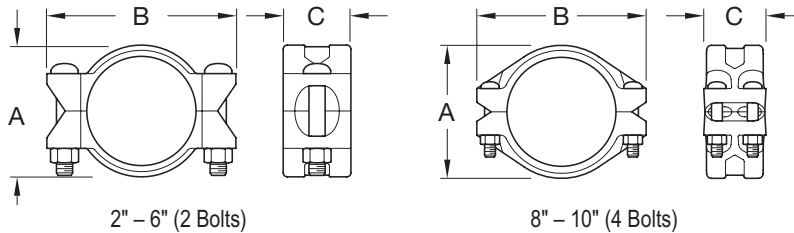
PLAIN END COUPLING

Figure 909 Plain End Coupling

The Grinnell Figure 909 Plain End Coupling utilizes hardened gripping teeth to securely grip onto plain and beveled end pipe surfaces. It is capable of pressures up to 750 psi (51,7 bar) depending on pipe size and wall thickness. The Figure 909 Plain End Coupling is designed for Schedule 40 steel pipe and is not for use with steel pipe with a Brinnell hardness greater than 150, plastic, cast or ductile iron pipes. Contact Tyco Fire & Building Products for recommendations on other materials and pipe schedules.



Tech Data: G190



2" – 6" (2 Bolts)

8" – 10" (4 Bolts)

Nominal Pipe Size		Max. † Pressures psi bar	Max. † End Load lbs kN	Nominal Dimensions			Coupling Bolts			Approx. Weight lbs kg
ANSI Inches DN	O.D. Inches mm			A Inches mm	B Inches mm	C Inches mm	Qty.	Size** Inches mm	Bolt Torque lbs-ft Nm	
2 DN50	2.375 60,3	750 51,7	3322.6 14,78	3.69 93,7	5.75 146,1	3.31 403,4	2	5/8 x 3 1/2 M16 x 90	150 203,0	5.4 2,4
2 1/2 DN65	2.875 73,0	600 41,4	3895.1 17,33	4.17 105,9	6.25 158,8	3.31 403,4	2	5/8 x 3 1/2 M16 x 90	150 203,0	5.9 2,7
3 DN80	3.500 88,9	600 41,4	5772.7 25,68	4.81 122,2	7.56 192,0	3.31 84,1	2	3/4 x 4 3/4 M20 x 121	200 271,0	9.0 4,1
4 DN100	4.500 114,3	450 31,0	7,156.9 31,83	5.93 150,6	8.63 219,2	3.88 98,6	2	3/4 x 4 3/4 M20 x 121	200 271,0	13.5 6,1
6 DN150	6.625 168,3	300 20,7	10,341.5 46,00	8.19 208,0	11.68 296,7	4.25 108,0	2	1 x 6 1/2 M24 x 165	250 339,0	23.5 10,7
8 DN200	8.625 219,1	250 17,2	14,606.6 64,97	10.69 271,5	13.63 346,2	4.91 124,7	4	7/8 x 5 1/2 M22 x 140	250 339,0	35.1 15,9
10 DN250	10.750 273,0	250 17,2	22,690.6 100,93	13.13 333,5	15.88 403,4	4.91 124,7	4	7/8 x 5 1/2 M22 x 140	300 407,0	48.5 22,0

** Gold color coded metric bolt sizes are available upon request

† Maximum pressure and end load are total from all loads based on standard weight steel pipe. Pressure ratings and end loads may differ for other pipe materials and/or wall thickness. Contact Tyco Fire & Building Products for details.

Note: The Figure 909 Plain End Coupling is designed for use with Schedule 40 Steel Pipe and is not for use with steel pipe with a Brinnell hardness greater than 150, Plastic, Cast or Ductile Iron Pipe.

May be used with Schedule 10, Schedule 40 or Schedule 80 Steel Pipe, Stainless Steel Pipe or Grinnell Plain End Fittings.

Please refer to General Notes on page 17.

PLAIN END
PIPING
SYSTEM