



1606

FABRICATED STAINLESS STEEL COUPLING



APPLICATIONS

ROBAR **1606** Couplings are used to make a non-restrained connection between pipes of the same outside diameter. This coupling is fabricated with a range of .30" (pipe OD \pm .15") and therefore is best suited for smooth pipe with a uniform outside diameter (ex. Steel, PVC, Ductile Iron and HDPE).

MATERIAL SPECIFICATIONS

Body: T304 Stainless Steel, also available in T316 Stainless Steel*

Gaskets: SBR (Buna S) Rubber

Fasteners: 5/8" NC T304 Stainless Steel*
Nuts coated with anti-galling compound
Torque is 70-80 ft. lbs

PSI Rating: 150 psi

HOW TO ORDER

Determine the product number (**1606**), number of sections, actual pipe OD, coupling width (see chart below), and then order by using appropriate ordering code as shown in the following example.

If a two section (Style 2) coupling is required with a 12" body length, for a 10" Steel pipe (10.75" OD), the ordering code is:

Product Number	Number of Sections	OD (Actual)	Coupling Width
1606	2	10.75"	12"

i.e. **1606 - 2 - 10.75 x 12**

NOMINAL PIPE SIZE	MAX. PRESSURE (Working) LBS./IN. ²	APPROXIMATE SHIPPING WEIGHT (LBS.)					
		STYLE 1 6" SHELL	STYLE 1 12" SHELL	STYLE 2 12" SHELL	STYLE 3 12" SHELL	STYLE 3 18" SHELL	STYLE 3 24" SHELL
4	150	6 lbs.	11	16			
6	150	7 lbs.	12	17			
8	150	8 lbs.	13	18			
10	150		14	19			
12	150		16	24			
14	125		18	25			
16	100				34	46	68
18	100				35	46	69
20	100				37	48	72
22	100				39	50	78
24	100				41	52	84

Available only in 6" increments.

All dimensions are in inches.

Note: * Refers to chemically treating Stainless Steel after welding ("Pickled/Passivated") to return it to its original appearance.

- Other sizes and pressure ratings are available. Please contact ROBAR's Technical Sales Department for additional information.
- Bolt Torque limit for all sizes is 80 ft./lbs.
- Maximum working pressures are achieved with smooth OD pipes and with careful installation. Rough pipe surfaces and careless installation will reduce attainable pressures.
- ROBAR 9626 Adjustable Stainless Steel Inserts are recommended for use on Polyethylene Pipe.
- Refer to standards page.
- 4.80" is the minimum OD **1606** Couplings can be sized to fit.
- AWWA C219 does not apply to this coupling.

ROBAR INDUSTRIES LTD.

www.robarindustries.com
waterworks@robarindustries.com

Surrey, British Columbia
Phone: 1-800-663-6553

Saint-Bruno, Quebec
Phone: 1-800-315-9525