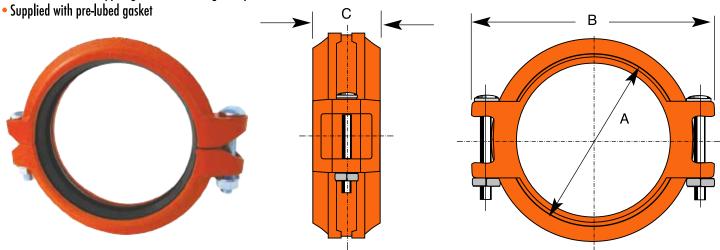


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## www.gemlockgrooved.com

## RIGID COUPLING - STYLE 5

- Provides joint rigidity, for the support and hanging requirements of ANSI B31.1 Power Piping Code; ANSI B31.9
   Building Service Pipe Code and NFPA 13 Sprinkler Systems
- Tongue and groove arrangements in housings do not permit expansion, contraction or deflection
- Available with hot dipped galvanized coatings as optional



Pipe		Max	Allow	Dimensions (In.)			Approx.
Nominal Size	Actual Size (In.)	Working Pressure (psi)*	Pipe End Separation (In.)§	Α	В	С	Weight Each (lb.)
1"	1.315	400	0.10	2.188	3.858	1.732	1.2
11⁄4"	1.660	400	0.10	2.535	3.897	1.732	1.5
1½"	1.900	400	0.10	2.803	3.858	1.732	1.7
2"	2.375	400	0.10	3.283	5.00	1.732	1.9
2½"	2.875	400	0.10	3.842	5.433	1.732	1.9
3"	3.500	400	0.10	4.574	6.535	1.772	2.4
4"	4.500	400	0.16	5.416	7.598	1.889	3.2
5"	5.563	300	0.16	6.771	8.818	1.889	4.5
6"	6.625	300	0.16	7.874	9.921	1.889	5.8
8"	8.625	300	0.19	10.11	12.367	2.362	10.8



UL Listed Under File No. EX15592

## NOTES:

Allowable pipe end separation is for cut groove pipe for roll groove, figures will be one-half of the values listed at time of initial pressurization.

— Bolts and Nuts are galvanized. \* — Maximum pressure including surges and maximum end loads from all internal and external forces, to which a joint could be subject under normal working conditions. This rating provides a nominal safety factor of 1.5 times working pressure based on standard weight steel pipe. Maximum working pressure may be subjected to a one time field test of 1.5 times the figures indicated. Refer to installations and groove specifications when assembling any grooved product. For dry systems, TRI Seal gaskets are recommended. EPDM gasket is supplied as standard. For other gaskets contact us.

PROJECT INFORMATION	APPROVAL STAMP
Project:	☐ Approved
Address:	☐ Approved as noted
Contractor:	□ Not approved
Engineer:	Remarks:
Submittal Data:	
Notes 1:	
Notes 2:	
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