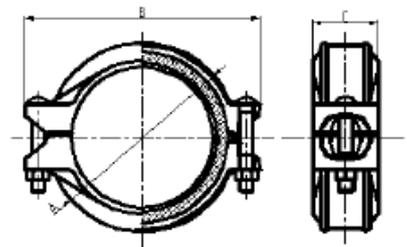


Fittings - Roll Groove

Coupling Model 1GS

Light Duty Rigid Coupling

- The T&G mechanism in combination with a slightly shortened key diameter provides a mechanical and frictional interlock, resulting in a rigid joint which reduces undesired angular movement.
- The built-in teeth on the coupling, grip the groove shoulder and serve to reduce linear movement.
- The T&G mechanism features a slight offset at the foot of the coupling halves which serve to protect the gasket from exposure.
- With the T&G style coupling no metal-to-metal contact of the pads is required. You will normally see a 1.6mm to 3.2mm gap between the bolt pads when installed.
- For use in services up to 2070kPa



Size Range:	65 - 200mm
Working Pressure:	300psi
Gasket Type:	EPDM
Material:	Ductile Iron
Finish	Red painted or Galvanised
Approvals:	FM Approved and UL Listed

Nominal Size DN	Pipe O.D mm	Working Pressure kPa	Dimensions			Bolt Size No.-Size
			A mm	B mm	C mm	
65	76.1	2070	101.0	142.0	44.5	2 - 3/8X55
80	88.9	2070	114.0	157	44.5	2 - 3/8X70
100	114.3	2070	142.0	195	49.0	2 - 1/2X70
125	139.7	2070	168.5	225	50.5	2 - 1/2X75
125	141.3	2070	171	225	50.5	2 - 1/2X75
150	165.1	2070	196.0	252	50.5	2 - 1/2X75
150	168.3	2070	203	260	50.8	2 - 1/2X75
200	219.1	2070	255	325	58.5	2 - 5/8X85

- Nominal Size: Couplings and fittings are identified by nominal diameter of the pipe (DN) in millimetres.
- Pipe OD: Actual outside diameter of the pipe is in millimetres
- Working Pressure (Cold Water Pressure) and End Load are total, from all internal and external loads, based on schedule 40S, Sch 10 & Sch 5 Stainless Steel Pipe to ASME B36.19 Welded & Seamless Dimensions and Mass as listed in the Stainless Steel Pipe brochure
- WARNING: FOR ONE TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1.5 times the figure shown in table.
- WARNING: Piping systems must always be depressurised and drained before attempting disassembly and or removal of any components.

Specifications are subject to change without notification.

