The ARGCO Model 101 is an angle-pad design standard rigid coupling for moderate pressure piping services including fire mains, long straight runs and value connections.

The angle-pad design allows the coupling housings to slide along the bolt pads when tightened. The result is an offset clamping action which provides a rigid joint which resists so-called ‘snaking’ of a long straight run. Support and hanging requirements correspond to ANSI B31.1, B31.9 and NFPA 13. With the removal of only one bolt you can make a fast and easy ‘swing-over’ installation.

Available Sizes
• 1” through 12" (25 through 300 mm)

Pipe Material
• Carbon steel, Schedule 10, Schedule 40.

Maximum Working Pressure
• Up to 300 psi/2517 kPa.

Function
• Joins carbon steel pipe.
• Provides a rigid pipe joint designed to restrict axial or angular movement.

CERTIFICATIONS/LISTINGS
Underwriters Laboratories, Underwriters Laboratories Canada, Factory Mutual.

SPECIFICATIONS - MATERIAL
Housing Sections: Ductile Iron conforming to ASTM A 536, Grade 65-45-12.

Housing Coating:
Standard: Orange Enamel
Available: Hot Dipped Galvanized

Gasket:
Standard: Grade E EPDM (Type A)
ARGCO’s products are listed by Underwriters Laboratories UL Canada and Approved by Factory Mutual for we and dry (oil free air) sprinkler services within the rated working pressure.

Bolts and Nuts
Standard: Carbon Steel oval neck track bolts meeting ASTM A449 and ISO 898-1. Carbon steel hex nuts meet ASTM A563 Grade B.
Nuts and Bolts are zinc electroplated per ASTM B633 NZ/FE5, finish Type III.
Available: Stainless Steel. Meets ASTM F593, Group 2 (316 stainless steel), condition CW.
Hex nuts meets ASTM F594, Group 2 (316 stainless steel), condition CW, with galling-resistant coating.
ARGCO Grooved Couplings are suitable for fire protection systems, water supply systems, and other process systems of higher working pressure.

- Working Pressure and End Load are total, from all internal and external loads, based on standard weight (ANSI) steel pipe, standard roll or cut grooved in accordance with ARGCO specifications.
- The allowable pipe separation dimension shown is for system layout purposes only. ARGCO couplings are considered rigid connections and will not accommodate expansion or contraction of the piping system.
- When assembling ARGCO couplings onto end caps, take additional care to make certain the end cap is fully seated against the gasket end stop.