

Boss Coupling System

Features

- The spud part of the coupling serves as one half of the connection and is usually fixed to the equipment. The stem part that is clamped to the hose is the other half. The two halves are connected or disconnected by rotating the wing nut onto the spud. When connected they achieve both a mechanical and a pressure seal.

Services

- Boss couplings are all-purpose hose couplings, universally recommended for steam hose connections. They are also widely used for air, water, fluid petroleum, chemicals, and liquid petroleum gas up to 1" I.D.. Boss couplings can be applied to many types of rubber, synthetic, plastic, metallic, or semi-metallic hose. Consult Dixon® for specific media capabilities.

Purpose

Boss couplings supply a convenient threaded fitting to connect two lengths of hose, or a single length to a male or female threaded (NPT) outlet.

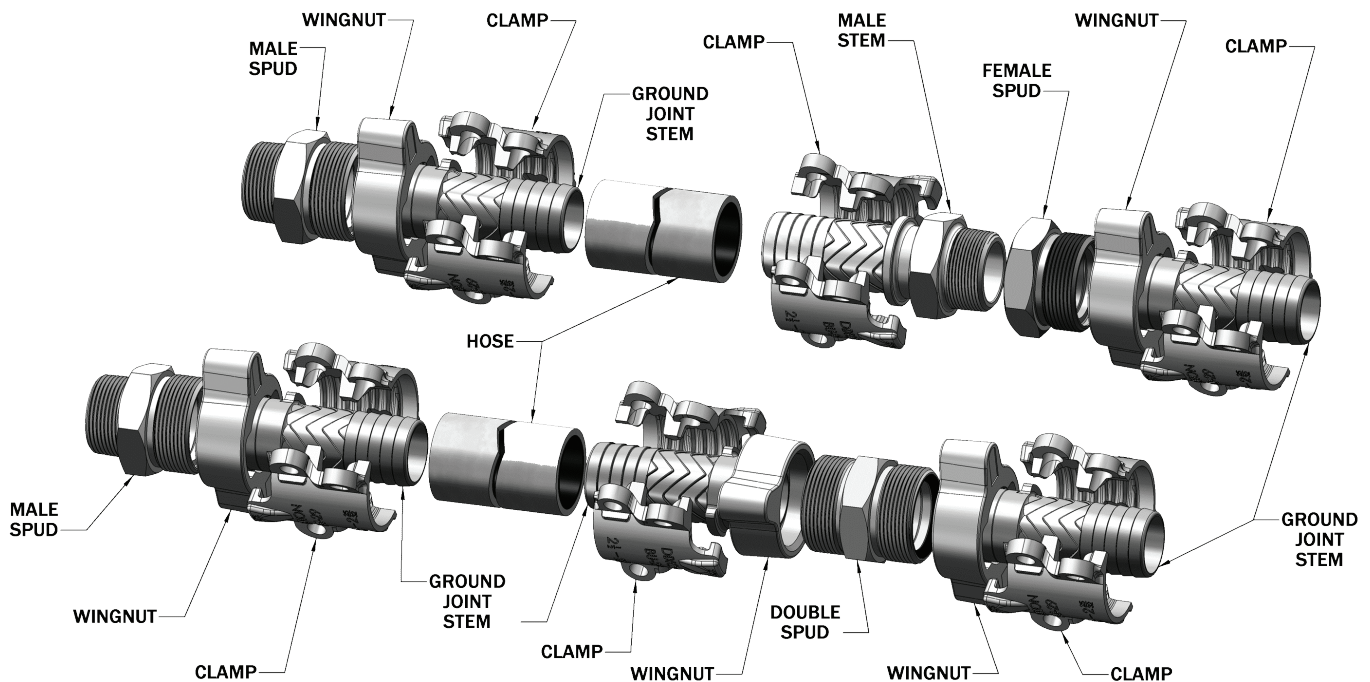
Materials

- 3/4" and 1" brass; 3/4" - 2" stainless steel
- Stem: 1/4" - 1" plated steel, 1-1/4" - 4" plated iron, 6" tubular steel
- Spud: 1/4" - 1" plated steel, 1-1/4" - 6" plated iron
- Wing nut: 1/4" plated steel, 3/8" - 6" plated iron

Seal Types

- Ground joint: copper or polymer seats
- Washer: Klingersil® C-4401

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WARNING: Misuse of this product can cause serious injury or even death.



WARNING: Pressurized steam is an extremely dangerous commodity. Only hose, fittings, clamps, and accessory items that have been tested and approved by Dixon for use with Dixon products for steam service should ever be used. Never use an unapproved item for steam service. Always follow the manufacturer's product recommendations for pressurized steam handling.



WARNING: For safety reasons, due to differences in dimensions and tolerances, do not interchange other manufacturer's products with Dixon products.



WARNING: Worn-out hose couplings can be dangerous. Coupling users should be trained in proper use, application, and the use of safety devices where indicated. Training should also include how to inspect for wear, so couplings are replaced when needed.