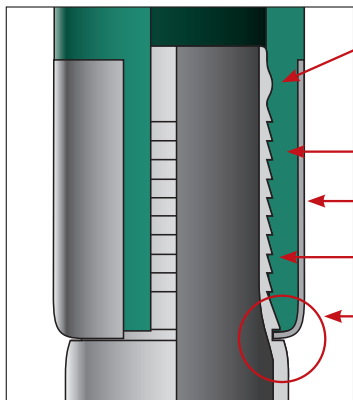
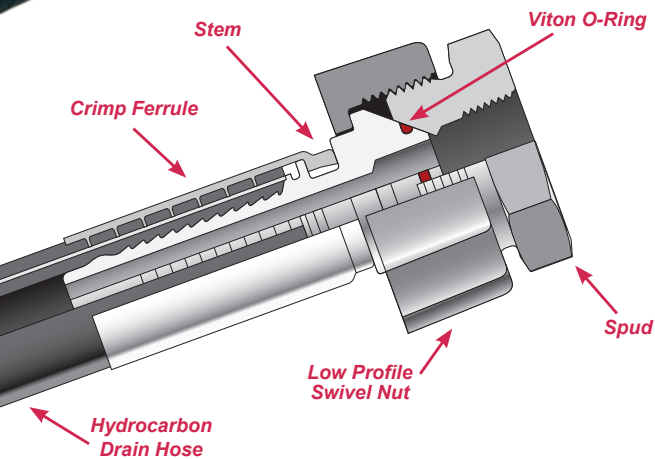
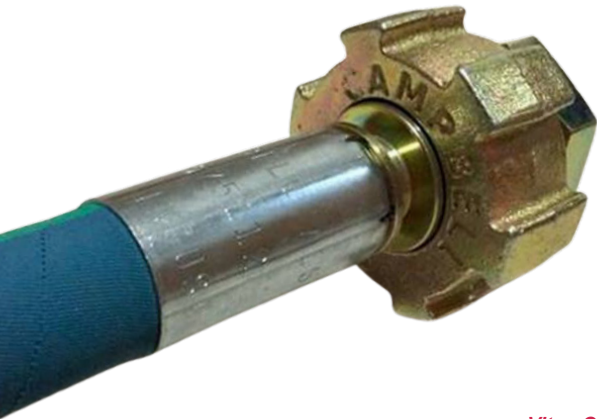




# HYDROCARBON DRAIN COUPLINGS



**RELIEF BUMP**  
*Prolongs the life of the hose assembly by relieving stress and failure points commonly found at the end of crimped fittings.*

**HOSE**

**FERRULE**

**FITTING**

**INTERLOCK**  
*The turn-in of the ferrule interlocks with the machined groove on the fitting or coupling, providing a mechanical attachment for exceptional hose retention.*

## Campbell Hydrocarbon Viton Seal Ground Joint Couplings Improve Safety and Save Money Size Range 3/4" & 1"

- Coupling combines metal-to-metal mating area with a Viton o-ring as a secondary seal, preventing costly leaks
- Hand-tightened, leak free
- Threads differ from standard steam ground joints for line dedication. This eliminates potential for crossing steam hose couplings which can lead to "popcorning" and hose failure.
- Nut offered in new low-profile design or standard wing nut. Low profile design deters operators from hammering on wing nuts and distinguishes them from standard steam ground joint couplings.
- Yellow chromate coating on coupling allows for easy coupling identification and additional corrosion protection.

## Campbell Crimpnology Hose Attachment System

- Campbell Crimpnology™ ensures all of our couplings are designed as an integrated crimped system to provide measurable, repeatable performance based assemblies.
- Crimped ferrule permanently secures the hose onto the coupling: No bolts to re-tighten; No bolts or band clamps to snag people or equipment.
- Improves "dragability" ... low profile, no sharp edges, and reduces weight.
- Machined Hose Shank Serrations - Designed to grip, seal, and protect the hose when crimped.
- Ferrules interlock with couplings/fittings, offering the ultimate in hose retention.

