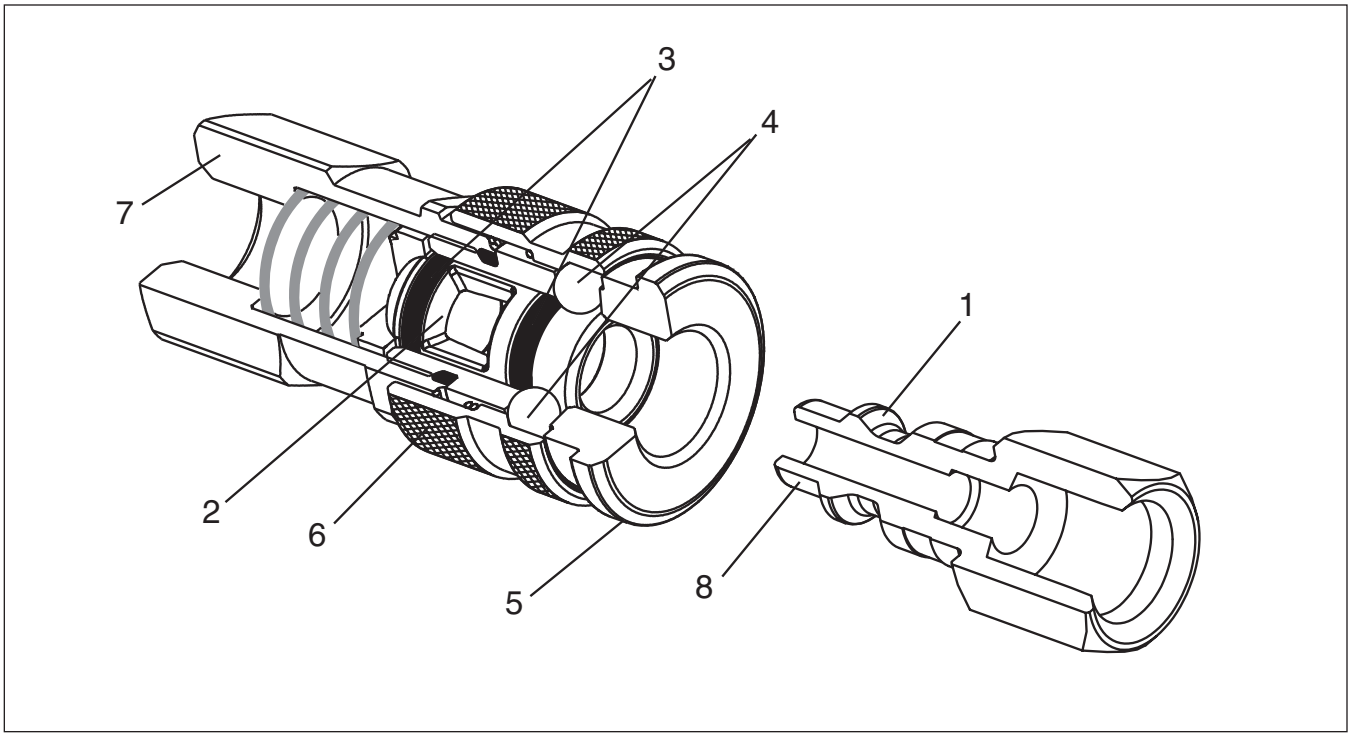

Component Part Features

1. Precision machining, hardened wear points* and solid bar stock construction provide long life even in rugged applications.
2. Tubular valve with large flow passages delivers high flow with minimum pressure drop for efficient performance. The tubular design provides 360° support for both the valve seal and the mating nipple for long service life.
3. Precision molded seals form a “bubble tight” seal for reliable operation within rated working pressures. Standard seal material is Nitrile (Buna-N). Ethylene Propylene, Fluorocarbon and Neoprene are available as options. See the Coulpling Selection and Odering Guide in the front of the Pneumatic Section of the catalog.
4. Proven ball locking mechanism with large numbers of hardened steel or stainless steel locking balls evenly distribute the load to resist wear and provide positive connections. The ball locking mechanism also provides accurate alignment and allows a swiveling action to reduce hose torque.
5. Integral sleeve guard protects the sleeve and resists accidental disconnects by allowing the coupling to ride over obstructions without the sleeve being retracted.
6. Knurling on the sleeve provides a gripping surface for ease of operation.
7. Wide range of end configurations are available to meet specific needs. Parker push-to-connect type couplings are available with male pipe thread, female pipe thread, standard hose barb, and Push-Lok hose barb**.
8. Parker 20, 30, HF, and E-z-mate Series couplings mate with industrial interchange design nipples. See Table of Contents for additional specifications.
9. Push-to-connect design permits one-handed connection when the coupler half is rigidly mounted.

* steel nipples only

** Push-Lok hose barbs are designed for use with Parker Push-Lok hose and do not require clamps.