

HYDRAULIC ADAPTERS

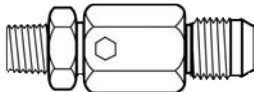
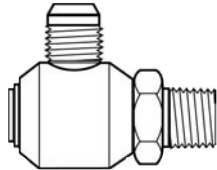
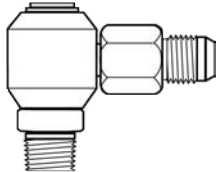
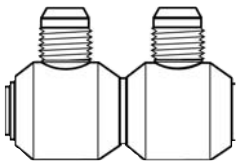
HIGH PRESSURE HYDRAULIC CONTINUOUS SWIVEL JOINTS

Fluid Conducting Swivels Provide

- **Design Versatility**
- **Simplified Plumbing**
- **Longer Flex Hose Life**
- **Ease of Maintenance**

DESIGN FEATURES:

- Hardened carbon steel barrel and stem – Large wear surface
- Protective treatment meeting S.A.E. hose fitting standards
- Chrome retainer balls – Long Life
- Standard O-Ring and back-up ring – Field replaceable seal kits
- Copper filled furnace braze joints
- Heavy duty retainer ring
- Stem annealed – Reduced breakage from shock and vibration
- Burnished barrel bore – Extended seal life
- Optional seal material
- Recessed and protected dust seals

BARREL CONFIGURATION	STEM CONFIGURATION
<p>“S” Series / In-Line Swivel Joint Sizes - ¼" through 2" pipe size Connection types - J.I.C. & pipe (male & female) Operating pressures - vacuum & to 3,000 psi Operating temperatures - +40°F to +200°F</p>	
<p>“9S” Series / 90° Swivel Joint Sizes - ¼" through 2" pipe size Connection types - J.I.C. & O-Ring (male), pipe (male & female rigid) & union Operating pressures - vacuum & to 3,000 psi Operating temperatures - +40°F to +200°F</p>	
<p>“9SS” Series / Dual Plane Swivel Joint Sizes - ¼" through 1 ¼" pipe size Connection types - J.I.C. & O-Ring (male), pipe (male & female) Operating pressures - vacuum & to 3,000 psi Operating temperatures - +40°F to 200°F</p>	
<p>“18S” Series / 180° Swivel Joint Sizes - ¼" through 2" pipe size Connection types - J.I.C. (male), pipe (male & female rigid) & union Operating pressures - vacuum & to 3,000 psi Operating temperatures - +40°F to 200°F</p>	

This Product Is Not For Pneumatic Applications