BEST SWIVEL JOINTS has served the petroleum industry for over forty years and is the world’s second oldest manufacturer of swivel joints and related flow line equipment. From swivel joints to hose loops, from pup joints to hammer unions and plug valves, BEST manufactures a large family of products at very competitive prices. With distributing agents in virtually every domestic oilfield location and several key oilfield areas around the world, BEST offers its customers prompt delivery of critical items, produced to the highest quality standards. BEST products are fully traceable and available with complete third party certification upon request. BEST products are available for both standard and sour gas service. Sour service products meet or exceed current NACE and API standards.

In recent years BEST has expanded its product offerings to better serve its customers. BEST’s products now include:

- **Hammer Unions**
  - Threaded & Buttweld

- **Swivel Joints**
  - Tri Race Technologies

- **Pup Joints**
  - Threaded, NPST & Integral

- **Plug Valve**
  - Threaded, Union End, Flanged End

**CERTIFICATIONS**

- **AMERICAN PETROLEUM INSTITUTE 6A LICENSE**
- **Q1 COMPLIANT**
- **PRODUCT CERTIFICATE OF TYPE APPROVAL**
**TRI RACE SWIVEL JOINTS**

*Best* tri race code red swivel joints are designed for the critical service conditions that exist in fracturing, cementing, acidizing, and well testing. They are available in 1” through 4” sizes with 15,000 PSI working pressure and 22,500 PSI test pressures. They come with 1502, 1002, and 602 union ends for fast, easy make-up. *Best* tri race code black swivels are available in 10,000 PSI working pressure with female line pipe thread end connections.

**Features**

- Long radius design provides lower vibration and reduced abrasion in corrosive, high rate pumping applications.
- Precision machined from forged alloy materials that are heat treated for longer service life.
- Three ball bearing raceways that more evenly share moment loads.
- Elastomeric instream packings that are compatible with today’s fluids and designed to stay in place even in high velocity applications.
- Available for H2S Service @ 10,000 PSI W.P.

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**Sour Gas Service**

*Best* manufactures sour gas swivel joints in accordance with the National Association of Corrosion Engineers (NACE) Standard MR-01-75 and the American Petroleum Institute’s (API) Standard RP-14-E. These swivel joints are specially heat-treated and inspected for controlled hardness, fluoroelastomer packing is used to isolate the races and bearings from line fluid.
**BEST** cementing and circulating all steel flexible hoses offer the widest range of proven designs for today’s demanding requirements.

**BEST** hoses are available for all your requirements; 6,000 to 15,000 PSI.

**BEST** offers a complete selection of pup joints up to 15,000 PSI in standard service and up to 10,000 PSI in sour gas service.  

**BEST** Pup Joints are available in 1” through 4” sizes with threaded or non-pressure seal threads in lengths up to 20 feet.  

Please consult our factory for specific weights, dimensions and prices.  

**BEST**’s Integral Pup Joints are available in 2” and 3” sizes up to 15 feet.

**BEST TLR-10**  
Long Radius Hose  
Style 50 Swivel Joints  
Threaded Construction

**BEST TLR-15**  
Long Radius Hose  
Style 50 Swivel Joints  
Non-Pressure Seal Construction  
* Available for H2S Service @ 10,000 PSI W.P.

**BEST ITR-15**  
Long Radius Hose  
Style 50 & Style 10 Swivel Joints  
Integral Construction  
* Available for H2S Service @ 10,000 PSI W.P.

**BEST BSR-6**  
High-Pressure Hose  
Style 50 Swivel Joints  
Threaded Construction

Whether your service requirements run from economical water lines to the most severe abrasive service you can count on running them through **BEST**.
**BEST** manufactures plug valve lines in 1” through 3” sizes. These valves are available from 5,000 through 20,000 PSI in both standard and H2S service. We offer a wide variety of popular end connections including union ends, male and female line pipe threaded ends, and flanged end connections. **BEST** is API Spec 6A licensed and can manufacture valves to PSL 1 through PSL 3 as required.

**BEST** manufactures lubricated ("TL") valves in sizes 1” through 3”. These valves, which are unique to **BEST**, contain mechanisms to provide lubrication between the plug and the insert, thus increasing the life of the valves as well as repair parts, while at the same time creating a nitrogen tight seal. The components of these valves are interchangeable with parts from valves of other major manufacturers and thus can be used to retrofit existing valves. Additional benefits include less leaks at lower (below working) pressure and better lubrication thus promoting longer life of valves and their components. The special top and bottom grease fittings allow faster and more complete regreasing than with standard valves.
**UNIONS**

**BEST** Hammer Unions have long provided the fast make-up and break-out capability needed in the oilfields around the world. **BEST** unions are manufactured with line pipe threads, butt weld or nonpressure-seal thread ends. **BEST** offers a wide range of sizes and working pressures to fit our customers requirements for both standard and sour gas service.

![Detachable Nut Kit](image)

<table>
<thead>
<tr>
<th>UNIONS</th>
<th>WORKING</th>
<th>COLOR CODES</th>
<th>AVAILABLE SIZES</th>
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<td>SUBS</td>
<td>NUT</td>
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<tr>
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</tr>
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</tr>
<tr>
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<td>4,000</td>
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</tr>
<tr>
<td>602</td>
<td>6,000</td>
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</tr>
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<td>1003</td>
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</tr>
<tr>
<td>1502</td>
<td>15,000</td>
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<td>Blue</td>
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</table>

**INTEGRAL FITTINGS**

**BEST** manufactures a wide range of integral union end fittings from Crossovers/Changeovers to Ells, Tees and Crosses. These are available in 2” and 3” sizes in a variety of end connections in both standard and sour gas service.
Available in sizes 3/4” through 4” 6,000 PSI non-shock cold working pressure, **BEST SWIVEL JOINTS** offer:

- Minimum flow restriction
- Heavy duty hex head style ball loading plug
- Grease retainer ring (insures clean ball race)
- Standard packing units (operating temperatures to 255°F) high temperature packing units (operating temperature to 450°F)
- Superior hardened ball races insure uniform surface hardness and depth for longer life under severe thrust and radial loading.

**BEST SWIVEL JOINTS** usages include fluid handling, mud lines, rotary and circulating hoses. For the best flexibility under high pressure, specify **BEST HIGH PRESSURE SWIVELS JOINTS**.

Standard swivel joints are provided with API line pipe threads. Other end connections are available on special order.

**BEST** sizes are available in eight styles, for 360° rotation in one, two or three planes.

All component parts and all styles of the HP-6,000 are interchangeable with similar parts by other major manufacturers. Consult factory for details.

**SWIVEL JOINT THREADED END SIZES**

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<th>E</th>
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</table>

All dimensions are approximate.
**BEST Swivel Joints’ Flow Line Equipment**

- **Integral Hose Loops**
  Sizes 2" and 3"
  for Standard and H2S Service
  10,000 & 15,000 PSI

- **Extra High Pressure Swivels**
  Sizes 1" – 4"
  10,000 PSI to 15,000 PSI
  Ball Bearing Design
  Threaded and Integral Union Ends

- **Integral Fittings**
  Sizes 2" and 3"
  10,000 PSI to 15,000 PSI
  Els, Tees, Crosses and Crossovers
  for Standard and H2S Service

- **High Pressure Swivels**
  Sizes 3/4" – 4"
  3,000 PSI to 6,000 PSI

- **Steel Hoses**
  Sizes 1" – 4"
  2,000 PSI to 6,000 PSI

- **Pup Joints**
  Sizes 1" – 4"
  6,000 PSI to 15,000 PSI
  Threaded and Integral &
  Non-Pressure Seal Thread

- **Integral Fittings**
  Sizes 2" and 3"
  10,000 PSI to 15,000 PSI
  Els, Tees, Crosses and Crossovers
  for Standard and H2S Service

- **Plug Valves**
  Sizes 1" – 3"
  5,000 PSI to 20,000 PSI
  for Standard and H2S Service

- **Unions**
  Sizes 1" – 6"
  Figures 100, 200, 206, 400,
  602, 1002, 1003, 1502, 2202

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