

PRODUCTS OVERVIEW

- Standard offering in 1045 Carbon Steel
- Features CR3 plating exceeding industry standards at 240hrs to Red Rust
- JIC, O-Ring Boss, NPT Connections
- Straights, Elbows, Tees, Crosses
- Caps, Plugs, Nuts
- Manufactured in accordance to SAE J514 Spec



TUBE FITTINGS & ADAPTERS

- Material in Carbon Steel and Stainless Steel
- Buna-N and Viton O-Ring Seals available
- Straights, Elbows, Tees, Crosses
- Caps, Plugs, Nuts, and Braze-ons.
- Dove-tail groove design to keep O-ring in seat



FACE SEAL FITTINGS

- Wide selection of styles and configurations
- Convenient when converting to International Parallel/Tapered, Metric, JIS, or Komatsu to JIC, ORFS, SAE, or NPT



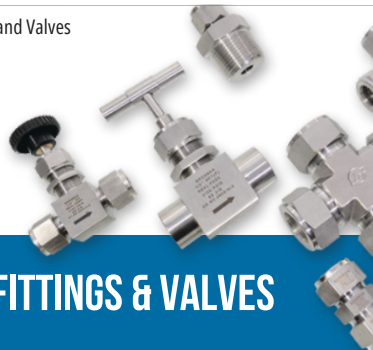
BRITISH & METRIC CONNECTORS

- Code 61 and Code 62 Flanges to Threaded SAE connections
- Featuring Single Piece Swept Tube or Forged Elbow Styles
- Plug Blocks & Plates
- Split & Captive Flanges
- Imperial and Metric Mounting Bolt Kits



FLANGES

- Double Ferrule and Single Ferrule Fittings and Valves
- Certified to ASTM F 1387
- Available standard in 316SS and Brass
- Size 1/16" to 1.5"



INSTRUMENTATION FITTINGS & VALVES

- The highest quality hydraulic and pneumatic hose protection on the planet. Period.
- RHINO sleeves prevent injuries by containing pressure and fluids.
- RHINO Guards prevent hose wear due to friction and protect against external forces
- RHINO Wraps provide highly flexible protection for cylinder rods
- RHINO Safety Orange Drip Proof Plugs are a handy tool for emergency leaks



RHINO BY BRENNAN

- TUV Certified interchangeable/inter-mixable with bodies, nuts, and ferrules from the other leading brand
- Manufactured in 316 stainless steel, brass, and exotic alloys such as Hastelloy and Monel
- Stainless steel is passivated as standard and features and increased blend of Chromium and Nickel
- Smooth internal fitting bend architecture helps reduce pressure drops in systems



HAM-LET

- Custom parts made to your specifications from the material of your choice, ranging from 1-1/16" to 2-3/8" round, 1-3/4" hex or 1-1/2" square
- Additional services available include: design, fabricating, machining, sub-assemblies, brazing and general welding
- Air conditioning brackets available in universal small and large pattern



VERSA

PRODUCTS OVERVIEW (CONTINUED)

- Offered in 316Ti for extreme high level of corrosion and acid resistance
- Carbon Steel -Zinc Nickel Coating w/ over 1,000h resistance to white rust
- Exceeds Pressure Standards: ensuring reliability and durability.
- Certifications including ABS, BV, DNV GL, DVGW, Lloyd's Register, RINO and RMRS
- Batch Traceability: For stainless items, we ensure complete traceability



DIN FITTINGS

- Push to Connect, Brass DOT- in accordance to DOT Standard 571.106
- Push to Connect, Nickel Plated Brass- in accordance to ISO 14743-2004
- Push to Connect, Nylon in accordance to ISO 14743-2004



PUSH TO CONNECT

- Stainless Material options include 304/316L
- JIC, NPT, ORB, ORFS, Flange, BSP, Metric, Compression, and more all available in Stainless



STAINLESS STEEL

- Used to properly identify BSP & Metric, and NPT & UN fittings
- Color coded fittings to easily decipher thread types (size is imprinted on the fitting)
- Additional feature: A helpful thread gauge for British and Metric or UN and NPT threads is also included



THREAD ID KITS

- Kits come in Face-Seal, JIC, O-Ring Boss, NPT, DIN Light/Heavy, and BSP
- Available for private label
- Helpful and cost-effective method for identifying fittings and threads



CAP & PLUG KITS

- Most essential components for pressure checking
- Available in 1, 2, or 3 gauges
- Custom kits available



TEST POINT KITS

- JIC/NPT/SAE line commonly stocked in Brass
- High pressure forged and low pressure extruded brass lines available
- Push-On Hose Fittings offered in 1/4"-1" Hose



BRASS FITTINGS

- Standard Series Clamps - up to 4" O.D
- Heavy Series Clamps - up to 5" O.D
- Twin Series Clamps - up to 1.65" O.D
- Available in Complete Kits or Individual Components
- 304 and 316 Stainless Steel
- Zinc Nickel or Unplated Carbon Steel also stocked
- Wide range of P-Clamp size



CLAMPS