Parker Product Datasheet



Parker Triple-Lok 37° Flare JIC Tube Fittings and Adapters are a reliable leak-free metal to metal connection solution for most high pressure hydraulic applications.

PART NUMBER: 16BMTXSS

PRODUCT OVERVIEW

Parker's 37° Flare JIC tube fittings and adapters, Triple-Lok®, meet the requirements of both SAE J514 and ISO 8434-2 and offer the industry's broadest offering of port ends. The design has a small metal to metal seal area which results in a compact design, low assembly torque, high temperature and high pressure capability.

Markets:
- Construction
- Military Ground Systems
- Aerial Lift
- Agriculture
- Material Handling
- Military Marine
- Engine Transmission

Features/Benefits:
- Easily adaptable to inch tube, metric tube and hose giving it worldwide acceptance.
- Vast selection of port end options, including SAE Straight Thread O-ring Boss (ORB), NPTF, BSPP-ED, BSPP-O-ring Retaining Ring (ORR), BSPP, BSPT, ISO 6149, Metric-O-ring Retaining Ring (ORR), and Metric-ED

• Parker’s Robust Port Stud on adjustable ports is manufactured with a longer locknut virtually eliminating washer damage and potential leaks, as well as making assembly virtually mistake-proof. This feature improves customer internal efficiencies and reduces rework costs resulting from backup washer damage commonly seen with traditional SAE adjustable port ends in the market.
• Steel fittings come standard with ToughShield Plus plating which substantially exceeds the SAE corrosion hour requirements for red rust, lasting up to 3,000 hours without red rust as found by an independent test facility (tested to ASTM B117/ISO 9227). This enhanced performance provides customers with a competitive advantage through less downtime and extended equipment life, leading to increased revenues and reduced warranty costs.
• Stainless Steel nuts have a coating to prevent galling.
• Available in steel, stainless steel, and brass in sizes 1/8” - 2 ½” with working pressures up to 7500 psi.

Applications:
• Hydraulic fluid and gas handling connections

TECH SPECIFICATIONS

DIVISION	Tube Fittings Division
CONNECTION 1 TUBE OUTSIDE DIAMETER	1 inch
SPECIFICATIONS MET	SAE J514
MAXIMUM DYNAMIC PRESSURE	na
O-RING MATERIAL	na
SHAPE	Nut
CONNECTION 2 THREAD SIZE	na
CONNECTION TYPE	na
CONNECTION 2 TUBE OUTSIDE DIAMETER	na
CONNECTION TYPE	37° Flare
BODY MATERIAL	Stainless Steel

CONNECTION 1 TUBE OUTSIDE DIAMETER	25 mm
CONNECTION 3 SIZE	na
CONNECTION 4 SIZE	na
CONNECTION 4 TUBE OUTSIDE DIAMETER	na
CONNECTION 2 SIZE	na
CONNECTION 3 TUBE OUTSIDE DIAMETER	na
CONNECTION 3 THREAD SIZE	na
CONNECTION 1 SIZE	Female 37° Flare