Parker Product Datasheet



Parker's Pipe Fittings and Port Adapters product line offers a wide range of thread types and high static pressure ratings.

PART NUMBER: 1 X 1/2 PTR-B
SHAPE: Straight
CONNECTION 1 THREAD SIZE (MM): na
CONNECTION 2 THREAD SIZE (INCH): 1/2-14
CONNECTION 1 STYLE: Male NPT/NPTF
CONNECTION 2 STYLE: Female NPT/NPTF
CONNECTION 3 THREAD SIZE (INCH): na
LENGTH (INCH): na
BODY MATERIAL: Brass
CONNECTION 3 STYLE: na
O-RING MATERIAL: na
CONNECTION STYLE: Pipe Reducer
CONNECTION 2 THREAD SIZE (MM): na
CONNECTION 1 THREAD SIZE (INCH): 1-11 1/2

PRODUCT OVERVIEW

Parker's Pipe Fitting and Port Adapter product line offers a wide range of thread types including NPT, NPTF, NPSM, BSPT, BSPP, SAE O-ring Boss (ORB), ISO 6149 and Metric. All fittings and adapters in this product line meet or exceed industry specifications.

Markets:
• Construction

• Military Ground Systems
• Aerial Lift
• Agriculture
• Material Handling
• Military Marine
• Machine Tool
• Transportation

Features/Benefits:
• Tapered thread fittings offers a compact size for efficiency and have a high temperature tolerance.
• Straight thread fittings have unlimited reusability, an elastomeric seal and no thread sealant is needed for installation.
• 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.
• Available in steel, stainless steel and brass in sizes 1/8” through 2” with working pressures up to 7500 psi.
• 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.

Applications:
• Hydraulic fluid and gas handling connections

TECH SPECIFICATIONS

MAXIMUM DYNAMIC PRESSURE	2300 psi
BODY MATERIAL	Brass
CONNECTION 4 THREAD SIZE	na
DIVISION	Tube Fittings Division
CONNECTION 4 SIZE	na

FITTING TYPE	Pipe Fitting