

Precision Forged Component with Threaded Ports

This precision-engineered forging part features multiple threaded ports, suitable for fluid or gas control applications. Its intricate design incorporates both internal and external threading for compatibility with various connection types.



ADDITIONAL IMAGES



Product Overview

Precision Forged Components

These precision-forged components are engineered for superior strength and durability, making them ideal for high-strain applications where force and movement transmission are critical. Utilizing advanced forging techniques, these parts offer homogeneous material properties that ensure reliability under demanding conditions. They are highly adaptable through purposeful heat treatment, allowing for an optimal balance of strength and performance for specific industrial requirements.

Physical Properties

Weight Range

20 g

Minimum Weight

100 kg

Maximum Weight

Material & Production

Production Equipment

- Hot die forging machine
- Hydraulic die forging hammer
- Precious warm forging machine
- Heat treatment line
- Shot blasting machine

Available Materials

Carbon Steel, Alloy Steel, Stainless Steel, Brass

Quality & Standards

Quality Control Methods

- Chemical analysis
- Optical spectrum instrument
- Tensile strength, yield stress, and elongation testing
- Hardness testing
- Impact testing
- Leakage testing
- Coordinate measuring machine (CMM)
- Metallographic analysis
- Magnetic flaw detector
- Ultrasonic flaw detector

Surface Treatment

Surface Treatments

Shot blasting • Tumbling • Polishing • Passivation • Hot Dipped Galvanization • Electro Galvanization • Dacromet • Powder Coating • Painting

Order Information

Order Series

Medium and Large series