

P030 - Hydraulic Threaded Fittings

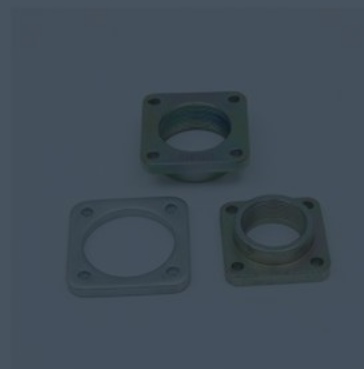
P031 - Precision Machined Rings and Hose Couplings

P032 - Stainless Steel Hose Couplings and Sleeves

P034 - Stainless Steel Quick Coupling Bodies

TIANHUI MACHINE

Casting | Forging | CNC Machining | Inspection

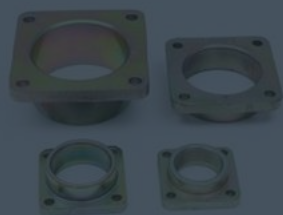


P036 - Hydraulic Elbows and Coupling Fittings

P039 - Hydraulic Threaded Adapters

P090 - Hydraulic Manifold Blocks

P103 - Square Flange Plates



P104 - Hydraulic Hose Barb Fittings

P105 - Plated Hydraulic Flange Adapters

P106 - Stainless Steel Pipe Couplings and Fittings

P107 - Stainless Steel Couplings, Sleeves and Adapters

PRODUCT CAPABILITY PDF

Hydraulic Components

Custom hydraulic fittings, couplings, manifolds and cylinder-related metal components.

Drawing-Based

OEM Production

Casting + CNC

Coordinated Process

Inspection

Project Specific

thcastings.com

Manufacturing Review

01 / COMPONENT SCOPE

What We Manufacture for Hydraulic Components

Machined interfaces, threaded connections and fluid-path components for hydraulic assemblies.

01

Hydraulic couplings and adapters

02

Elbow fittings and pipe connectors

03

Hydraulic manifolds and valve blocks

04

Quick coupling bodies

05

Hydraulic flange plates

06

Hose barb fittings

07

Clevis brackets and mounting parts

08

Cylinder-related machined components

Important note

Most components are produced according to customer drawings, samples or existing parts. Material, tolerance, surface treatment and inspection scope should be confirmed during the manufacturing review instead of assumed from a product image.

02 / MANUFACTURING ROUTES

Choose the route around geometry, material and volume

The same product category can include casting, forging, CNC machining or a combined process. The final route should follow the part drawing and production requirements.

01

CNC machining

CNC machining for threads, bores and sealing surfaces

02

Forging or casting

Forging or casting for blanks where strength or shape requires it

03

Secondary machining

Secondary machining for all functional fluid interfaces

04

Surface treatment or coating based on customer requirement

Surface treatment or coating based on customer requirement

PROCESS SELECTION

The drawing decides the process.

Before quotation, Tianhui reviews part geometry, alloy, annual volume, tolerance, surface condition, machining allowance and inspection requirements to decide the practical manufacturing route.

03 / PRODUCT EXAMPLES

Representative Components from the Image Library

These examples are grouped from the current product photo library. Exact material and final application should be verified against customer drawings or samples.



P030
Hydraulic Fittings

Custom hydraulic fittings featuring compact threaded adapters with hex bodies and stepped sealing ends. The likely manufacturing route is cnc...

Confidence: High



P031
Hydraulic Couplings and Rings

Custom hydraulic couplings and rings featuring threaded coupling bodies, locking rings and precision circular interfaces. The likely manufacturing...

Confidence: High



P032
Hose Couplings and Sleeves

Custom hose couplings and sleeves featuring stainless cylindrical couplings, ferrules and threaded sleeves in multiple sizes. The likely...

Confidence: High



P034
Quick Coupling Bodies

Custom quick coupling bodies featuring cylindrical coupling bodies with windows, threads and internal locking geometry. The likely...

Confidence: High



P036
Hydraulic Elbows and Couplings

Custom hydraulic elbows and couplings featuring elbow adapters, swivel couplings and threaded connection bodies shown in multiple...

Confidence: High



P039
Hydraulic Adapters

Custom hydraulic adapters featuring white-coated threaded adapters with hex bodies and stepped ports. The likely manufacturing route is cnc...

Confidence: High

04 / QUALITY & CUSTOMIZATION

From image review to controlled production

Production is organized around approved drawings, technical requirements and inspection expectations.

01

Thread and sealing interface inspection

02

Bore and port position verification

03

Material checks when required

04

Pressure or leakage requirements reviewed by project

RFQ INFORMATION

What to send for a useful quotation

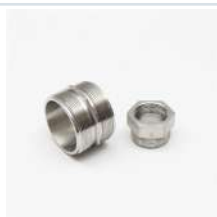
- 2D drawing, 3D model, sample or clear product photos
- Material grade or preferred alloy
- Estimated quantity and annual demand
- Critical dimensions, tolerances or assembly interfaces
- Surface finish, coating or heat-treatment requirements
- Inspection documents, testing or traceability requirements

05 / PROJECT PROOF

Related manufacturing experience

Related project direction: the 316L hydraulic metering diaphragm pump head case demonstrates casting-to-machining coordination and air-tightness testing for fluid-control components.

Additional example parts

**Hydraulic Manifolds****Hydraulic Flange Plates****Hose Barb Fittings****Hydraulic Flange Adapters****Stainless Hydraulic Couplings****Stainless Couplings and Adapters****NEXT STEP**

Send your drawing for manufacturing review

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