



# INSTRUMENTATION VALVES & FITTINGS

## INSTRUMENTATION FITTINGS

- ▶ Twin Ferrule Fittings
- ▶ JIC Fittings
- ▶ Flared Fittings
- ▶ Instrument Weld Fittings
- ▶ Micro Weld Fittings
- ▶ DIN 2353 Fittings
- ▶ JIS Bite Type Fittings

## INSTRUMENTATION VALVES

- ▶ Needle Valves
- ▶ Ball & Plug Valves
- ▶ Check & Relief Valves
- ▶ Block & Bleed Valves
- ▶ Instrument Manifolds
- ▶ Bleed & Purge Valves
- ▶ Diaphragm Valves
- ▶ Bellows Valves
- ▶ Toggle Valves
- ▶ Inline Tee Filters



## HIGH/MEDIUM PRESSURE VALVES & FITTINGS

TIS Hydraulics supplies a range of high/medium pressure valves & fittings, designed for use in a range of applications requiring 20,000, 43,000 and 66,000 psi pressure ratings.

- ▶ High Pressure Fittings
- ▶ Medium Pressure Fittings
- ▶ High Pressure Couplings / Adapters
- ▶ High Pressure Needle Valves
- ▶ High Pressure Ball Valves
- ▶ High Pressure Check Valves
- ▶ High Pressure Relief Valves
- ▶ High Pressure Subsea Valves

# PNEUMATICS, PRESSURE REGULATORS & GAUGES

## PNEUMATIC COMPONENTS

- ▶ Filter Regulators
- ▶ Manual Valves
- ▶ Solenoid Valves
- ▶ Airline Tubing
- ▶ Lubricators
- ▶ Fittings
- ▶ Auto Drains
- ▶ Silencers
- ▶ Check Valves



## HIGH PRESSURE REGULATORS

- ▶ Piston Regulators
- ▶ Hydraulic Pressure Regulators
- ▶ Gas/Liquid Regulators
- ▶ High/Medium Flow Regulators
- ▶ Back Pressure Gas/Liquid Regulators
- ▶ Subsea Regulators
- ▶ Diving Regulators

## PRESSURE GAUGES

- ▶ Vibragauge®
- ▶ Snubbagauge®
- ▶ Petrochemical Gauges
- ▶ Safety Pattern Gauges
- ▶ Test Gauges
- ▶ Chemical Seal Gauges
- ▶ Low Pressure Gauges
- ▶ Subsea Gauges
- ▶ Bespoke Gauges



# 10K STAINLESS FITTINGS & ANCILLARIES

## 10K STAINLESS FITTINGS

TIS Hydraulics supplies a specialist range of 10,000 psi rated 316 stainless steel fittings developed specifically for oil & gas applications.

Standard 10K products are manufactured to the highest quality in accordance with ISO 9001, and are available in  $\frac{1}{8}$ " - 1" sizes with NPT, BSPP and JIC 37° end connections.

Special materials and configurations are available on request.

- ▶ Elbows
- ▶ Tees
- ▶ Plugs
- ▶ Adaptors
- ▶ Bushes
- ▶ Caps



## HOSE ASSEMBLIES

TIS Hydraulics offers a wide range of rubber and thermoplastic hose assemblies ranging from  $\frac{1}{8}$ " ID - 2" ID, working pressures up to 15,000 psi.

All assemblies delivered by TIS Hydraulics are subject to rigorous inspection, pressure testing and flushing services conducted at our specialist facilities.

These services are also provided to clients by our expert hydraulic technicians for third party hose and tubing assemblies.

# WAREHOUSE FACILITY & HOSE ASSEMBLIES



## WAREHOUSE

Our 9,600m<sup>2</sup> facility houses a comprehensive inventory of hydraulic components and fluid power equipment, with continuous stock level analysis performed to ensure client requirements are met with minimum delivery times.

With the global headquarters and warehouse located within minutes of Aberdeen airport, we are ideally positioned to offer global response to urgent client requirements.

A swift local delivery service is also provided to Aberdeenshire companies from our Kirkhill Industrial Estate base.

## BEPSOKE PROJECTS

In addition to component supply, we also offer engineering and design of turnkey fluid control assemblies.

If you have a unique project, we can design a bespoke solution to suit.

## ANCILLARY EQUIPMENT

- ▶ Cam & Groove
- ▶ Air Fittings
- ▶ Whip Checks
- ▶ McDonald Couplings
- ▶ DIN Product
- ▶ Clamps
- ▶ PTFE Hoses
- ▶ Metallic Hoses
- ▶ Quick Release Couplings
- ▶ Relief Valves



# HYDRAULIC COMPONENTS & FLUID POWER EQUIPMENT

TIS Hydraulics is a specialist supplier of hydraulic components and fluid power equipment to the oil & gas, marine, renewable and defence industries.

Our business operates to the highest quality and safety standards, and is supported by unrivalled after sales service.



Established in 1994, our expert team draws from over 20 years of experience, a comprehensive product range and a vast stock inventory to offer a dependable and immediate resource for all of our customer's supply needs.

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