



# Product Summary



**CRANE**®

CRANE Instrumentation & Sampling, HOKE®  
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# Tube Fittings

In the early 1960's, HOKE® firmly established its leadership position and took the industry by storm, introducing the GYROLOK® tube fitting. To this day, the GYROLOK® design offers unique advantages and benefits to users that are unmatched in the industry, especially for severe service applications.

## GYROLOK® Key Design Benefits:

### 1. Controlled Ferrule Drive and Sizing Angle

The only fitting with a mechanical safety stop to prevent against over tightening and allows for multiple remakes.

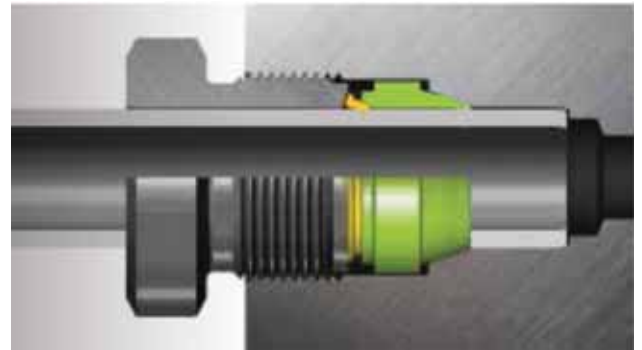
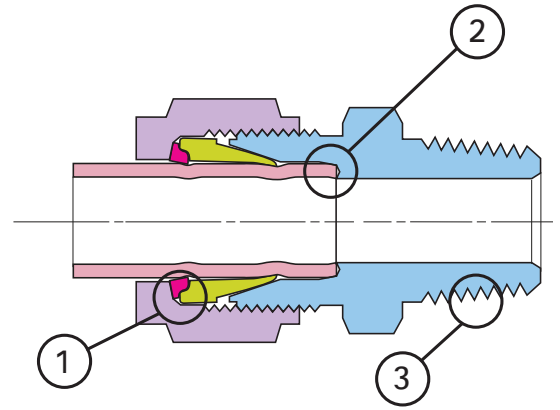
### 2. Butt Seal

The only fitting to have an additional seal where the tube meets the fitting body, reducing dead space in the fitting, reducing the possibility of crevice corrosion attack and providing an extra level of protection against leaks.

### 3. Special high tolerance NPT thread specification

Ensures maximum thread engagement for a safer, more robust connection.

Materials supported are 316 SS, MONEL®, INCONEL®, INCOLOY® 825, HASTELLOY® C, Titanium, Duplex 2205 SS, Super-Duplex 2507 SS, 254 SMO and Brass. Available in both Metric and Imperial sizes 3-38mm and 1/16-2" in multiple configurations.



# Precision Pipe Fittings

A complete line of precision pipe fittings are available featuring NPT, SAE or welded ends. Configurations include nipples, couplings, adaptors, reducers, elbows, tees and crosses.



# Instrument Valves

Types of valves available are ball, needle, check, packless (bellows & diaphragm), pneumatic actuated, relief, bleed, toggle, plug, metering, excess flow, manifolds, gauge, hand, and DBB in sizes from 1/16" to 1".

A variety of handle and elastomer options are offered. Available connections come in either Metric or Imperial sizes, with threaded or tube fitting ends. Available in multiple configurations.

## Valve Types Including:

- Trunnion
- Panel Mount
- Low Profile
- Bi-directional
- Multi-directional
- Full port
- High cycle
- Zero leak
- 3-piece bolted
- Fire safe
- Industrial
- Forged body
- Bar Stock

## Materials Supported:

- 316 SS
- MONEL®
- INCONEL®
- INCOLOY® 825
- HASTELLOY® C
- Titanium
- Duplex 2205 SS
- Super-Duplex 2507 SS
- 254 SMO
- Brass

## Key Design Benefits Include:

- Innovative leak proof design
- Low torque operation
- Highest quality
- High cycle options for extended service life
- Dynapak® or energized seals minimize fugitive emissions



## Actuators

Compact Space Saver® electric and pneumatic actuators are available in a variety of designs for the complete line of HOKE® valves. 90° and 180° operations are available.

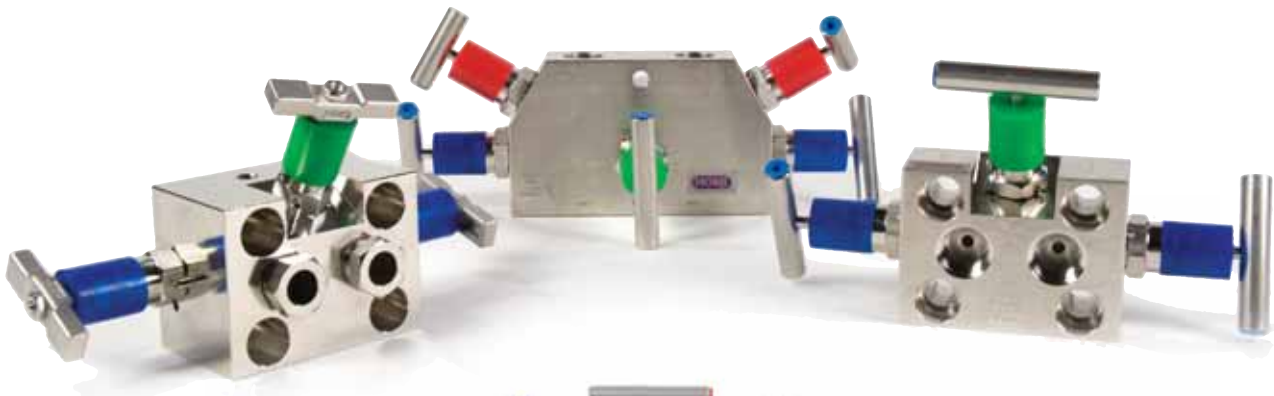
# Hand Valves, Gauge Valves, DBB Valves & Manifolds

A complete line of manifolds have been designed to provide the safest possible connection and mounting of instruments. We offer a variety of precision engineered valves and 2, 3, and 5-valve manifold, gauge valves and manifolds in direct and remote mount styles with vent configurations to meet most flow, pressure and level measurement application requirements, including integral/ GYROLOK® tube fitting connections, eliminating the requirement to add male connectors.

## Features Include:

- Full 316/316L Dual Certified stainless steel components.
- Full compliance of NACE MR-01-75 specifications.
- Laser engraved identification.
- HOKE® close tolerance NPT threads to ensure maximum engagement with mating threaded components
- Available with integral/GYROLOK® tube fitting connections on certain models.
- NORSOK M-650 approved mills available.
- Optional mounting bracket kits available.
- Optional anti-tamper and locking handles and round wheel handles available.
- Optional tube adaptors available.

Materials supported are MONEL®, Duplex, Super Duplex, Titanium, HASTELLOY®, Alloys 625, 825, 6Mo. Available connections come in either Metric or Imperial sizes up to 2", with threaded or tube fitting ends. Available in multiple configurations.





# Flanges, Flange Adaptors and Monoflanges

GYROLOK® Flanges and Monoflanges provide a simple interface between pipe flanges and instrument fittings, eliminating the need for pipe threading or welding. Typically used to minimize the size and weight of the pipe-valve assemblies used for primary and/or secondary isolation, vent and calibration. Most of our designs incorporate a GYROLOK® Tube Fitting with a standard flange assembly. The high quality flange end is dimensioned to meet ANSI B16.5 Pressure Classes 150, 300, 600, 1500, and 2500.

Materials supported are MONEL®, 316 SS, Duplex, Super Duplex, Titanium, HASTELLOY®, Alloys 625, 825, 6Mo. Available in multiple sizes and configurations.



# HOKEBlock® Valves

These valves are used specifically for primary and/or secondary isolation, vent and calibration access, or sampling applications and flanged process piping. Our HOKEBlock® valves are more compact, rigid, lighter, safer and more cost effective than the conventional piping methods. The one piece rugged construction is less prone to corrosive attack. The robust bonnet and stem design have longer life and less break risk than competitors. Our design incorporates Integral / GYROLOK® connections for zero leak protection.

Materials supported are MONEL®, 316 SS, Duplex, Super Duplex, Titanium, HASTELLOY®, Alloys 625, 825, 6Mo. Available in multiple sizes and configurations.



# Hydraulic Regulators

The HOKE® Hydraulic Pressure Regulator is a compact, durable, highly accurate and stable regulator for application in hydraulic systems. It offers a number of useful features that make it the right choice for use in systems requiring accurate pressure control, integrated and accurate spill control, low operating torques and reliable functioning/sealing over an extended service period in applications involving pressures up to 690 barg / 10,000psig.

Material supported is 316SS.



# Training

Training is one of the best ways we can deliver value to your organization. With almost 100 years of history, we have a variety of training programs, support tools, and reference materials available. Your local HOKE® representative can come to your location and deliver a program customized to fit your needs. By teaching proper preparation and installation procedures, we ensure maximum product performance, minimizing leaks and optimizing safety.



## Instrumentation Specialists:

Instrumentation is our core business. Years of experience have taught us that precise flow control is a complex process, not a commodity. Selecting, applying, and validating instrumentation products can be a confusing and difficult task for those involved. We want you to spend your time and focus on your core business and optimize your resources, not to become an instrumentation expert. That's what we are. Our approach is to focus on the whole process in order to satisfy all your individual stakeholders (safety, finance, purchasing, inventory control, installation technicians, engineers and instrumentation specialists) requirements. We are The Small Bore Instrumentation Specialists you can trust. Ask your local distributor how we can deliver value to your organization.

## Certifications and Design

We maintain all relevant certifications and approvals for global code registrations. Our designs are verified by our internal engineers using the latest tools, including the state-of-the-art three dimensional Finite Element Analysis (FEA) tool. Customer drawings of our products are readily available on our website [www.hoke.com](http://www.hoke.com) in both 2D and 3D in a variety of CAD formats. Our manufacturing facility is ISO 9001 certified.

- ISO: 9001:2000
- TPED & PED
- DOT-3A
- DOT-3B
- DOT-3BN
- DOT-3E
- ECE
- R110
- American Gas Association
- Canadian Gas Association
- ASME
- Det Norske Veritas
- ATEX
- CSA
- TRANSPORT-CANADA
- IECEx
- GOST
- HSE
- ACI
- TSSA
- KEMA
- NACE, MR-01-75
- ASTM
- NORSOK

## Other Products

CRANE manufactures a variety of other HOKE® products that support a complete instrumentation offering. Safety changer nut and ferrule sets (SCNF) are an installer's ally, providing a safe easy, correct way to reuse existing fittings and valves with GYROLOK® components. We also offer a full line of DOT and TPED certified transport cylinders. Instrument HQC quick connects with color coded interlocks are also available. Micron filters, spare parts, repair kits, multiple handle options, locking handle kits, mounting kits and more are also available. Check out our website [www.hoke.com](http://www.hoke.com) for our full instrumentation product offerings.



## Tools/Accessories

We offer a complete line of complimentary tools and accessories to ensure safe and correct installation. The GYROLOK® Marking Tool (GMT) is a reliable tool to easily verify that all components are present, tubing has been properly inserted and the fitting has been sufficiently tightened. The manual presetting tool (PST) makes it easier to install fittings in hard-to-reach locations. The Hydraulic Presetting Tool (HPST) eases the installation of large diameter tube fittings. HOKE's Leak Detective® makes it simple to check for leaks in gas lines.





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## The Small Bore Instrumentation Specialists

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We specialize in small bore instrumentation products up to 2" that deliver benchmark performance quality & safety; provide the broadest array of superior alloy offerings in the market; decades of proven success in a wide range of industries; a roster of "who's who" customers & projects globally; original "Best Solution" engineering & designs; and are focused on continuous improvement in all aspects of our business.

### Proudly Distributed By:

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