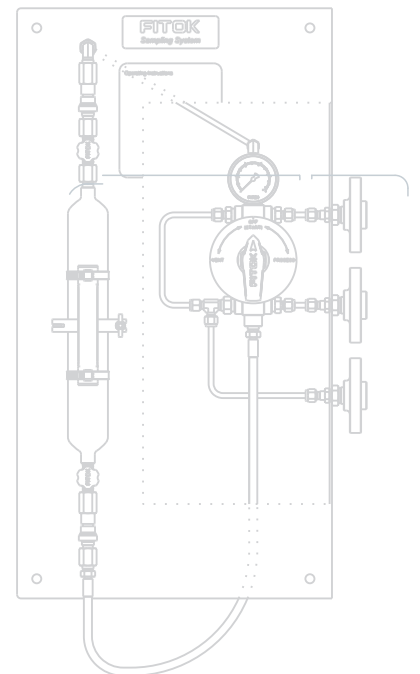
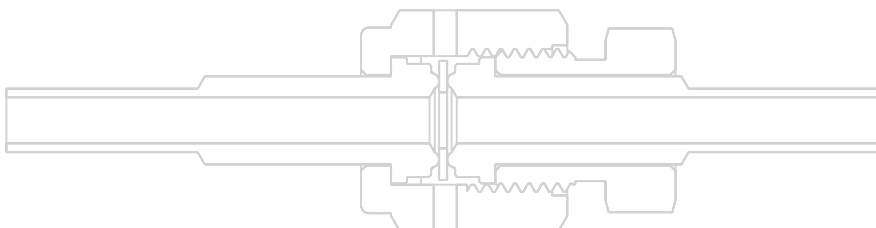
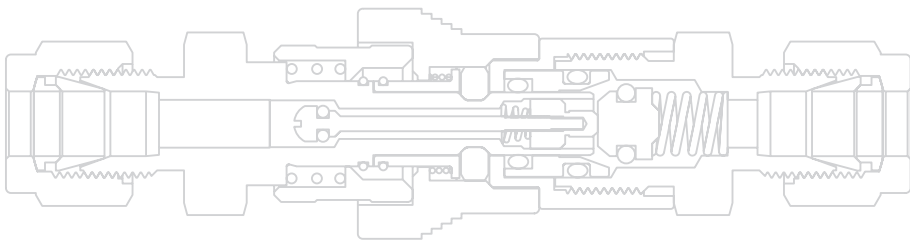


FITOK

COMPANY OVERVIEW



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About FITOK

Founded in 1998, FITOK Group has been a global leading supplier of valves and fittings, having our factories in Germany, USA and China (Wuhan, Shenzhen, Suzhou), and inventory and sales service centers in Germany, USA, China and UAE.

We have the capability to manufacture and supply 5 different product categories, including:

- General Instrumentation Valves and Fittings
- Medium & High Pressure Valves and Fittings
- High Purity & Ultra High Purity Products
- Sampling Systems
- Tubing

Our mission is to provide the best quality products and the most professional services to our customers. The performance of our products is guaranteed during the whole manufacturing cycle from our employment of customized materials which should be controlled more strictly than just according to ASTM requirements to our implementation of production and testing exceeding the industry standards.

Since our inception, FITOK has been applying sound quality control standards in all activities. FITOK is an ISO 9001:2015 certified company and our products have been certified by different industry authorities and third-party inspection institutions in different countries to have obtained a variety of certificates, among which there are TA-Luft, ABS, ASTM F1387, ISO15848, TPED, E-Mark, CRN, DVGW, PED, API 607, DOT, EC79 and ECE R110 and EC 79 certificates.

Benefiting from our global facilities, we are able to optimize the most cost-effective resources worldwide. Paired with flexible manufacturing systems, we deliver a wide range of the best quality products within a competitive lead time and the most professional services to our customers in an array of applications and industries.



Certificates



FITOK Germany ISO 9001



FITOK China ISO 9001



ABS



ASTM F1387



EC79



ECE R110



PED



ATEX



API 607



ISO 15848



TA-Luft



DVGW



TPED



DOT



CRN



EAC

Facilities

Manufacturing



Inspection Equipment



Products

General Instrumentation Valves and Fittings

Medium & High Pressure Valves and Fittings

High Purity & Ultra High Purity Products

Sampling Systems

Tubing



Tube Fittings

© 6D Series



Pipe Fittings

© 6P Series



37° Flared Tube Fittings



Weld Fittings

© 6W Series



Vacuum Tube Fittings

© VL Series



Vacuum Adapter Fittings

© VA Series



Grease Fittings

© BSG, BHG, LSH, PIF, VFS and ICS Series



Fusible Plugs



Calibration Fittings and Hoses



Quick-Connects

- ◎ **QC Series**
General service



- ◎ **QV Series**
Double-end shutoff high flow



- ◎ **QF Series**
Full-flow



- ◎ **QM Series**
Miniature



- ◎ **QTM Series**
PTFE-sealed

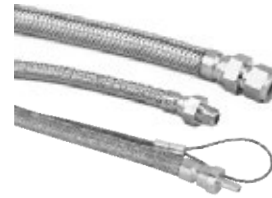


- ◎ **QCA Series**
Safe pressure release

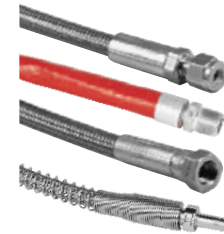


Hoses and Connectors

- ◎ **MH and MM Series**
Metal flexible hoses



- ◎ **PS Series**
PTFE-lined, stainless steel braided hoses



- ◎ **MP Series**
Multipurpose push-on hoses



- ◎ **TH Series**
Thermoplastic hoses



- ◎ **HC Series**
Hose connectors and sleeves



Ball Valves

© **BF and BFH Series**

Trunnion ball valves, temperature as low as -40°F (-40°C)
ECE R110 approval



© **BO Series**

One-piece instrumentation ball valves, no dead zone



© **BG Series**

3-piece ball valves, pressure up to 1000 psig



© **BP Series**

Cold drawn bar ball valves, pressure up to 10000 psig



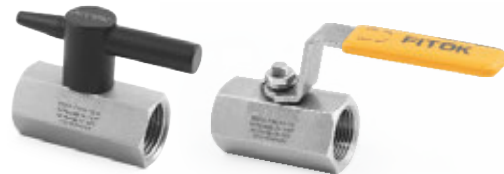
© **BH Series**

3-piece ball valves, pressure up to 3000 psig



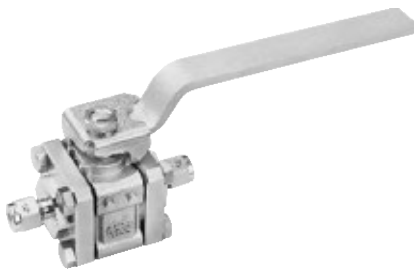
© **BR and BRC Series**

Hex bar stock ball valves



© **BK Series**

High temperature metal-seated ball valves,
working temperature up to 842°F (450°C)



© **BU Series**

Alternative fuel service ball valves, compatible with
hydrogen and compressed natural gas applications.
ECE R110 approval



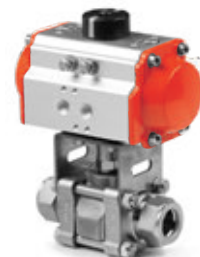
© **BV Series**

High performance ball valves, pressure up to 6000 psig,
working temperature: -65°F to 450°F (-54°C to 232°C)



Automatic Control Ball Valves

Pneumatic actuated and electric actuated options
for BF, BFH, BH, BO, BP and BV series



Needle Valves

© **NB Series**

Screwed bonnet needle valves



© **ND and NDH Series**

Non-rotating stem needle valves



© **NF and NFH Series**

Forged-body needle valves



© **NG and NGH Series**

Integral bonnet needle valves



© **NT Series**

Toggle valves and pneumatic needle valves



© **NR and NRG Series**

Rising plug valves



© **NY Series**

Outside screw and yoke (OS&Y) needle valves



© **NU and NUH Series**

Union bonnet needle valves



Check Valves

Fixed Cracking Pressure

- © CV Series
Poppet type
pressure up to 3000 psig



- © CH Series
Poppet type
pressure up to 6000 psig
ECE R110 approval



- © CO Series
One piece body



Adjustable Cracking Pressure

- © CA Series



- © COA Series
One piece body



All-Metal Construction

- © CL Series



Anti-Siphon Back Pressure Check Valves

- © CSV Series



Bellows-Sealed Valves

- © SW and SU Series



Metering Valves

- © MS, MV, ML and MH Series



Plug Valves

- © PV Series



Proportional Relief Valves

© RV, RL and RM Series



Purge Valves

© RP Series



Bleed Valves

© RB Series



Excess Flow Valves

© EV Series



Filters

© FT Series
Tee-type
ECE R110 approval



© FB Series
Bypass



© FI Series
In-line



© FW Series
All-welded in-line



Gauge Valves and Instrumentation Manifolds

Gauge Valves
© GV, GVH and GR Series



2-Valve Manifolds
© 2D, 2R, 2DH and 2RH Series



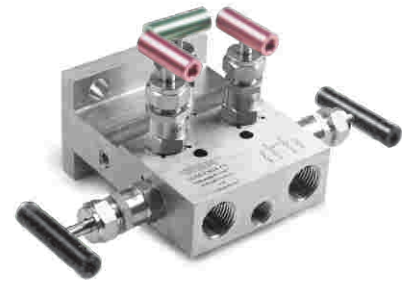
3-valve Manifolds

© 3D, 3R, 3DH and 3RH Series



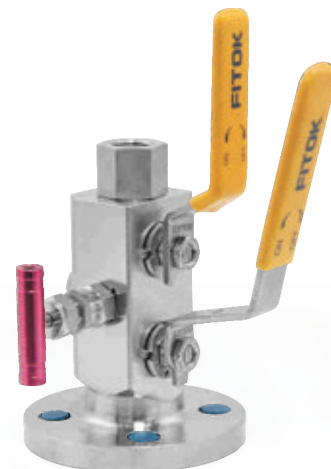
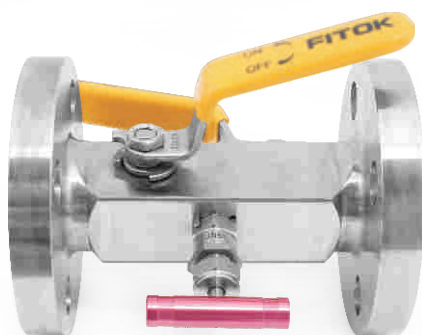
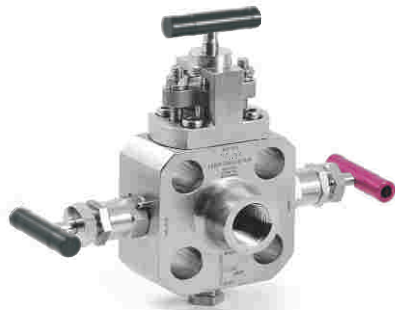
5-valve Manifolds

© 5D, 5R, 5DH and 5RH Series



Block and Bleed Valves

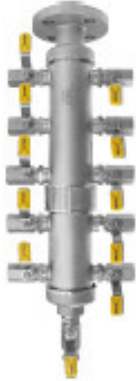
© BB, DB, SB and DBB Series



Air Headers and Distribution Manifolds

© AH and CM Series

Modular structure of patented design



Condensate Pots

© CP Series



Other Elements

© Thermowells and Bosses



SilcoNert® 2000 (Sulfinert®) Coated Products



© Syphons



Pressure Gauges

© GA, GB and GC Series



© Gaskets and O-rings



Tools and Accessories

Hand Tube Benders

© HTB Series



Tube Cutters

© FTC Series



Manual Presetting Tools

© MPT Series



Hydraulic Presetting Tools

© HPT Series



Tube Deburring Tools

© TDT Series



Bulkhead Retainers

© BR Series



Gap Inspection Gauges

© GIG Series



Individual size



Multiple sizes

Tube Fittings

© 20D Series
10000 - 20000 psig



Adapter Fittings

© AMH Series
10000 - 60000 psig



Medium Pressure Fittings

© 20M Series
20000 psig



Quick Couplings

© HQP, HQB, HQS and HQC Series
10000 - 30000 psig



High Pressure Fittings

© 60H Series
60000 psig



Medium and High Pressure Hoses

© HPH Series
10000 - 43500 psig



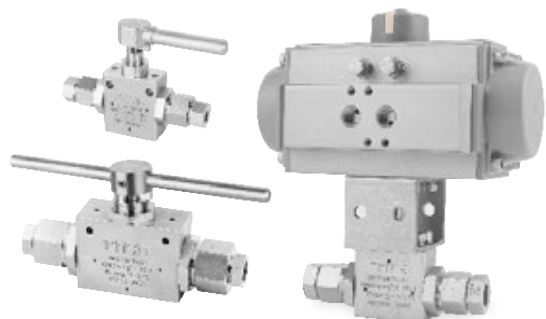
Pipe Fittings

© PMH Series
10000 - 60000 psig



Ball Valves

© 10B, 15B and 20B Series
10000 - 20000 psig



Needle Valves

- © 10N, 15N, 20N, 30N and 60N Series
10000 - 60000 psig



Check Valves

- © 10C, 15C, 20C and 60C Series
- © 10CO, 15CO, 20CO and 60CO Series
10000 - 60000 psig



Relief Valves

- © HSR, HMR and HAR Series
20000 - 60000 psig



Metering Valves

- © 15M, 30M and 60M Series
15000 - 60000 psig



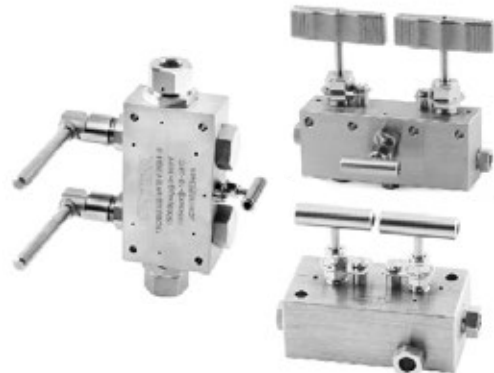
Bleed Valves

- © 15BV, 20BV and 30BV Series
15000 - 30000 psig



Block and Bleed Valves

- © 15BN, 20BN, 20DBN and 15DBB Series
15000 - 30000 psig



Line Filters

- © 10FD, 15FD, 20FD and 60FD Series
- © 10FC, 15FC, 20FC and 60FC Series
- 10000 - 60000 psig



Subsea Valves

- Subsea Ball Valves and Subsea Hydraulic Ball Valves**
- © 10SB, 15SB and 20SB Series
 - 10000 - 20000 psig



Subsea Needle Valves and Subsea Hydraulic Needle Valves

- © 15SN and 20SN Series
- 10000 - 20000 psig



Subsea Check Valves

- © 10SC, 10SCO, 15SC, 15SCO, 20SC and 20SCO Series
- 10000 - 20000 psig



Subsea Hydraulic Directional Control Valves

- © 15SDC Series
- 10000 - 20000 psig



Tools

- © Hydraulic Presetting Tools



- © Manual Reseating Tools



- © Manual Coning Tools



- © Manual Presetting Tools



- © Manual Threading Tools



Weld Fittings

Micro Weld Fittings

© M Series



Face Seal Fittings

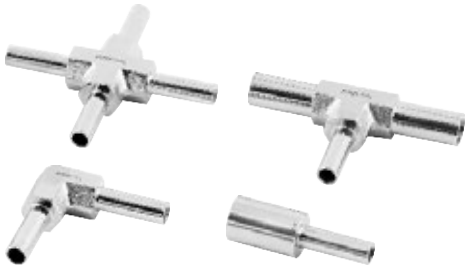
Metal Gasket Face Seal Fittings

© FR Series



Tube Butt Weld Fittings

© L Series



L-ring Face Seal Fittings

© TFO Series



Tubular Fittings

© T Series



O-ring Face Seal Fittings

© FO Series



Cylinder Connections

© CGA DISS, CGA and DIN Series



Diaphragm Valves

© DQ, DP, DH, DM, DS, DR, DV, DL, DF, DE and DK Series



Atomic Layer Deposition Diaphragm Valves

© ALD Series



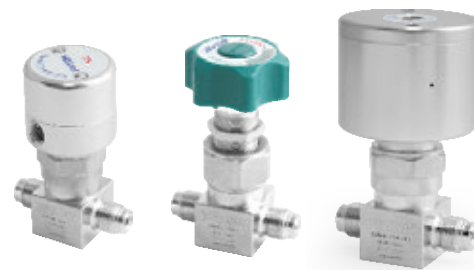
High Purity Ball Valves

© BGP , BHP, BDP and BRP Series



Bellows-Sealed Valves

© SM and SVH Series



Bellows-Sealed Metering Valves

© MU Series



Check Valves

© CW Series



Vacuum Generators

© VG Series



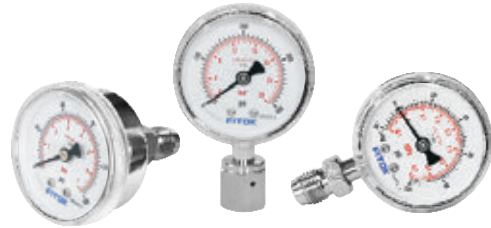
Canisters

© CSR Series



Ultra High Purity Pressure Gauges

© GP Series



Integrated Gas Systems



Gas Stick Assemblies

© AGH and AGL Series



Cylinder Pressure Regulators

© FCR-1, FCR-1S, FCR-2 and FCR-1D Series



Steam Heated Vaporizing Pressure Regulators

© VPR Series



Line Pressure Regulators

© FLR-1, FLR-2, FLR-3, FLR-5, FBR-1, HPR-10 and HPL-06 Series



Pressure Control Panels

© FSR-1 and FSR-2 Series



Back Pressure Regulators

© BPR-1, BPR-2 and BPR-3 Series



Point-of-Use Panels

© FPR-1 and FPR-1S Series



High Purity Regulators

© FHR-1 Series



Changeover Systems

© FDR-1, FDR-2, FDR-1L and FDR-1T Series



Bottle Configuration Sampling Systems

- © **BLA2 - System Purge Type**
Sampling from low pressure devices or process lines



- © **BLD2 - Continuous Needle Purge Type**
Sampling from medium or high pressure devices or process lines



- © **BLE3 - Back Purge Type with Venturi Unit**
Sampling from process lines at atmospheric pressure or vacuum condition



Cylinder Configuration Sampling Systems

- © **CSF4 - Outlet to Flare Type with Expansion Chamber**
For liquefied gas sampling



- © **CGG1 - System Purge Type**
For gas sampling



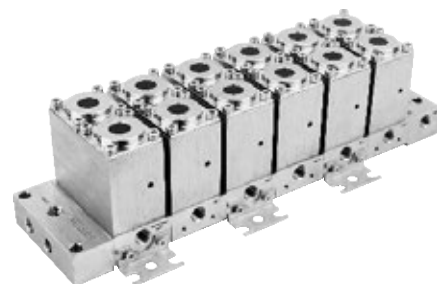
Sampling Assemblies, Sample Cylinders and Accessories

Compliant with TPED and DOT



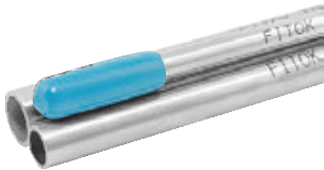
Stream Switching Systems

- © **SSM Series**



Instrumentation Tubing

- ◎ **TMP Series**
Straight-length tubing
2.6% Mo tubing optional



- ◎ **TCT Series**
Supplied up to 7218 ft (2108 m) in coils



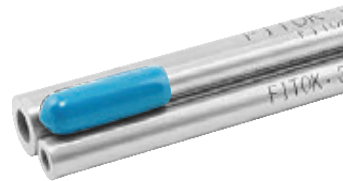
High Purity Tubing

- ◎ **TBA, TEP and PEP Series**
TBA series: bright annealed, internal surface roughness
 $Ra \leq 20 \mu\text{in. (0.51 } \mu\text{m)}$
TEP and PEP series: electropolished, internal surface
roughness $Ra \leq 5 \mu\text{in. (0.13 } \mu\text{m)}$



Medium and High Pressure Tubing
Heavy-Wall Annealed and Cold-Drawn 1/8-Hard Seamless Tubing

- ◎ **T15A and T20D Series**
Working pressure:
T15A series: up to 15000 psig
T20D series: up to 20000 psig
Use with any medium pressure tube fittings.
The best match is with FITOK 20D series tube fittings



Cold-Drawn Seamless Tubing

- ◎ **T20M Series**
Working pressure: up to 20000 psig
Use with any cone and thread type medium pressure fittings. The best match is with FITOK 20M series medium pressure fittings



Cold-Drawn Seamless Tubing

- ◎ **T60H Series**
Working pressure: up to 60000 psig
Use with any cone and thread type high pressure fittings. The best match is with FITOK 60 series high pressure fittings



Jacketed Tubing

- **TJT Series**
PVC or TPU jacketed tubing



Insulated Tubing

- **TIT Series**
Fibrous glass insulated tubing



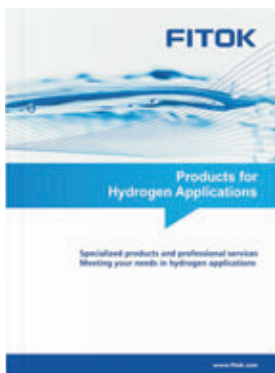
Heat Trace Tubing

- **TST Series**
Steam trace



Other Tubing Products

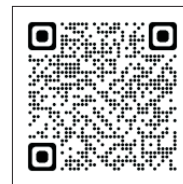
- **SilcoNert® 2000 (Sulfinert®) Coated Tubing**



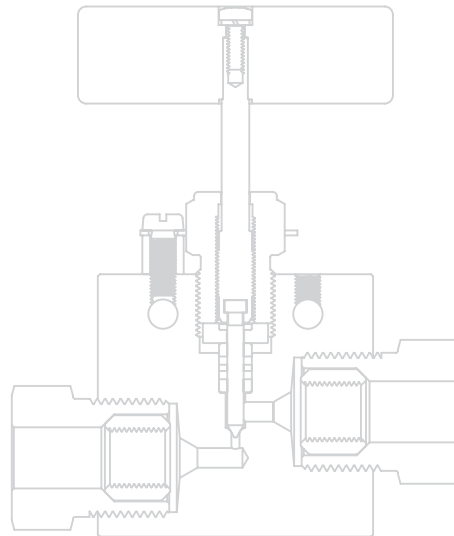
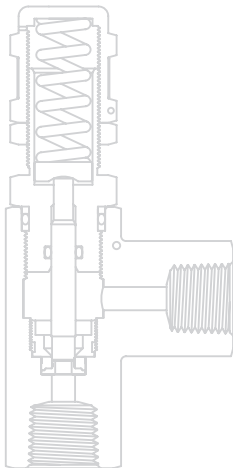
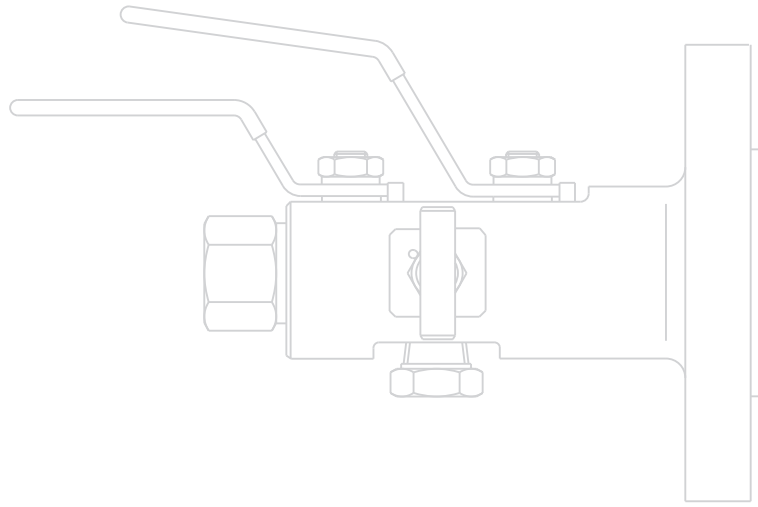
Products for Hydrogen Applications



Other Product Catalogs



Scan the QR code to view or download product catalogs.



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www.fitok.com



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