

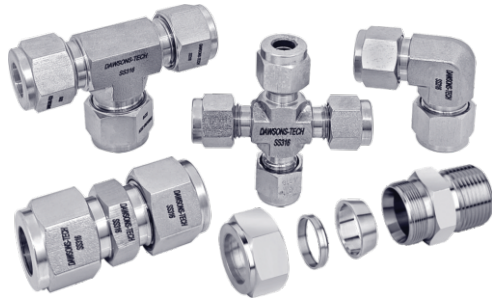
DAWSONS-TECH[®]

OVER 35 YEARS OF EXPERIENCE

*A QUICK Glance at Cost Effective INSTRUMENTATION / Ultra High PURITY
Flow Control Components “Alternative to Swagelok[®] / Parker[®]”
For Wide Range of Applications & INDUSTRIES*



Instrumentation Tube/Pipe Fittings



Twin Ferrule Compression Tube Fittings

- Available in Tube Size : 1/8" to 1" ODT & 3mm to 25mm ODT.
- Available in material SS316L, Super Duplex, Monel, Inconel 625/825 Etc.
- Case Hardened Back Ferrules to have strong Tube grip.
- Internally Silver Plated Nut.
- Intermix and Interchangeable with Swagelok® / Parker® A-LOK® Fittings.

Applications : Fluid / Gas Control Systems.

For more details, please refer our detail Catalogue No. TF-21

Ultra High Purity Fittings

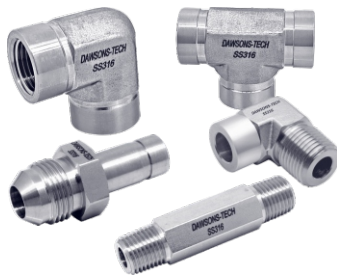


High Purity Metal Gasket Face Seal Fittings

- Available in Size : 1/4" to 1" & 6mm to 25mm GFS.
- Available in material SS316L.
- Female Nut is internally Silver Plated.
- Electropolished internal surface of the Fittings having surface finish roughness 10 Ra (microinch).
- GFS Fittings has been Helium Leak Tested to 5×10^{-9} std. cm^3/s without leakage.

Applications : Gas / Fluid Delivery System in Instrumentation & Semiconductor Industries.

For more details, please refer our detail Catalogue No. GFS-21

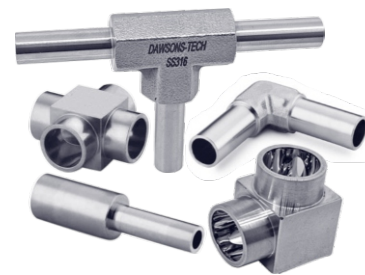


Precision Thread / Weld Pipe Fittings & Adapters

- Available in Size : 1/8" to 1" BSPP / BSPT / NPT / SAE Pipe Threads & Socket / Butt Weld end connection.
- Available in material SS316L, Super Duplex, Monel, Inconel 625/825 Etc.
- Precision Pipe Fitting are designed referring to SAE J514.
- Pressure Ratings are calculated in accordance with ANSI B31.1 x 0.94.

Applications : Instrumentation, General Services, etc.

For more details, please refer our detail Catalogue No. PPA-21



High Purity Weld Fittings

- Available in Tube Size : 1/4" to 1" & 6mm to 25mm end connection.
- Available in material SS316L.
- Electropolished internal surface of the Fittings having surface finish roughness 10 Ra (microinch).
- Pressure Ratings are calculated in accordance with ASME code for Pressure Piping B31.1 x 0.94.

Applications : Gas / Fluid Delivery System in Instrumentation & Semiconductor Industries.

For more details, please refer our detail Catalogue No. HPW-21



37° Flare / BSPP 60° Cone Fittings

- Available in Size : 1/4" to 1" & 6mm to 25mm end connection.
- Available in material SS316L.
- 37° Flare Fittings are designed according to SAE J514 / ISO 8434-2.
- BSPP 60° Cone Fittings are designed to ISO 8434-6.
- Pressure Rating : upto 5000 PSIG (345 Bar)

Applications : Pneumatic & Hydraulic.

For more details, please refer our Detail Catalogue No. 37F-21
Detail Catalogue No. 60CF-21



High Purity 'O' Ring Face Seal Fittings

- Available in Size : 1/4" to 1" & 6mm to 25mm ORFS.
- Available in material SS316L.
- Female Nut is internally Silver Plated.
- Electropolished internal surface of the Fittings having surface finish roughness 10 Ra (microinch).
- ORFS Fittings has been Helium Leak Tested to 5×10^{-9} std. cm^3/s without leakage.

Applications : Gas / Fluid Delivery System in Instrumentation & Semiconductor Industries.

For more details, please refer our detail Catalogue No. ORF-21

Instrumentation / Ultra High Purity Valves



Diaphragm Valves

- Available in Size : 1/4", 3/8" & 1/2" GFS.
- Available in material SS316L / Seat Material : PCTFE.
- Pressure & Temp. Rating : Upto 150 PSIG (10 Bar) -20°C to 65°C.
- Cv : 0.27.
- Available Type : Manual & Air Operated.

Applications : Shut-off Isolation in Gas Control Systems and Analyzer sampling system.

For more details, please refer our detail Catalogue No. VDP-22

Instrumentation Valves



Relief Valve

- Available in Size : Inch : 1/4" Tube OD.
1/4" NPT (Male / Female) Pipe Threads.
Metric : 6mm & 8mm Tube OD.
- Available in material SS316L.
- Cracking Pressure : Adjustable from 50 PSIG to 6000 PSIG (3.4 Bar to 413 Bar).

Applications : To Prevent over Pressure.

For more details, please refer our detail Catalogue No. VR-22

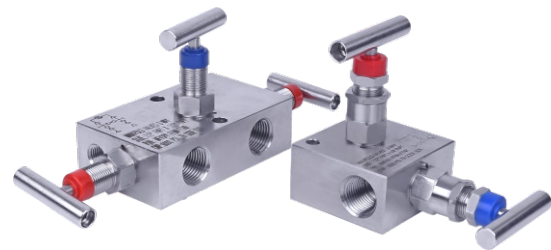


Instrumentation / Ultra High Purity Ball Valves

- Available in Size : 1/4" to 1" & 6mm to 25mm Tube OD / GFS.
1/8" to 1" (Male / Female) BSP / BSPT / NPT Pipe Threads.
- Available in material SS316L.
- Available in conventional as well as Live Load Ball Seat.
- Three Piece Body & Floating Ball design.
- Pressure rating UPTO 6000 PSIG (413 Bar) at CWP.

Applications : Gas / Fluid Delivery System in Instrumentation / Semiconductor & Hydraulic Industries.

For more details, please refer our detail Catalogue No. VB-21



2 / 3 Way Manifold Valves

- Available in Size : 1/2" BSPP / BSPT / NPT Female Pipe Threads.
- Available in material SS316L.
- Pressure Rating : Upto 6000 PSIG (413 Bar) at CWP.

Applications : Pressure & Differential Pressure Measurement.

For more details, please refer our detail Catalogue No. VMF-22



3 Way Trunnion Ball Valve

- Available in Size : Inch : 1/4" to 3/4" Tube OD,
Metric : 6mm to 18mm Tube OD.
- Available in material SS316L.
1/4" to 1/2" (Male / Female) BSP / BSPT / NPT Pipe Threads.
- Pressure Rating : Upto 6000 PSIG (413 Bar).

Applications : CNG Fueling System, High Pressure Service.

For more details, please refer our detail Catalogue No. 3VB-22



Instrumentation / Ultra High Purity Check Valves

- Available in Size : 1/4" to 1" & 6mm to 25mm Tube OD / GFS.
1/8" to 1" (Male / Female) BSP / BSPT / NPT Pipe Threads.
- Available in material SS316L.
- Pressure Rating : Up to 6000 PSIG (413 Bar).
- Cracking Pressure : 1/3, 1, 5, 10, 25, 50 & 100 PSIG.

Applications : Gas/Fluid Delivery System in Instrumentation / Semiconductor & Hydraulic Industries.

For more details, please refer our detail Catalogue No. VC-21

Instrumentation Valves



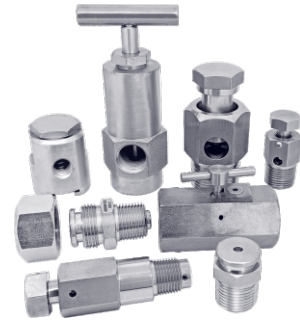
Instrumentation Needle/Gauge/Block & Bleed/Bleed Valves

- Available in Size : 1/4" to 1" & 6mm to 25mm Tube OD.
1/4" to 1" (Male/Female) BSP/BSPT/NPT Pipe Threads.
- Available in material SS316L.
- Flow coefficient (Cv) from 0.25 to 1.8.
- Orifice Size : 4.3mm, 6.4mm & 9.5mm.
- Pressure Rating : Upto 6000 PSIG (413 Bar).

Applications : Instrumentation, Hydraulic, Pneumatic, General Services, etc.

For more details, please refer our detail Catalogue No. IV-21

Other Products



High Pressure Wellhead Grease/Bleed Fittings & Accessories

- Available in Size : 1/4" to 1" BSPT / NPT Pipe Threads.
- Available in material SS316, 1215 & 4140.
- Pressure rating UPTO 10,000 PSIG (690 Bar).

Applications : Injecting the Grease.

For more details, please refer our detail Catalogue No. GBF-21

Other Products

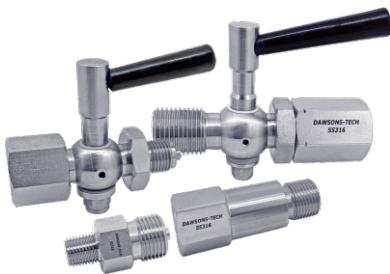


Quick Connect Couplings

- Available in Size : 1/4" to 1" BSP / BSPT / NPT Pipe Threads.
- Available in material SS316L.
- Quick Connect Coupling Series : CQ11 is interchangeable with ISO 7241-1 Series 'B' Couplings.
- Quick Connect Coupling Series : CQ21 is interchangeable with ISO 16028 Flat Face Couplings.

Applications : Hydraulic, Food & Chemical Processing, Gases, etc.

For more details, please refer our detail Catalogue No. QCC-21



Stainless Steel Pressure Gauge Cock & Accessories

- Available in Size : 1/4" & 1/2" BSPP / BSPT / NPT / Metric Pipe Threads.
- Available in material SS316L.
- Replaceable PTFE Packing design.
- Available in conventional as well as Live Load Stem design.
- Pressure Rating : upto 368 PSIG (25 Bar).

Applications : To isolate the pressure Gauge from pressure.

For more details, please refer our detail Catalogue No. VGC-21

ADVANTAGES



TECHNICAL EXPERTISE



INNOVATIVE TECHNOLOGY



SUPERIOR QUALITY



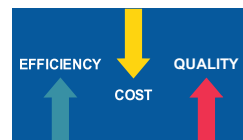
HIGHER EFFICIENCY



CUTTING EDGE SOLUTIONS



GREATER FLEXIBILITY



COST EFFECTIVE



TOTAL CUSTOMER SATISFACTION

The Secret of our success is Ritualistic continuous improvement of our products and process

DAWSONS-TECH®

THE COMPANY :

DAWSONS-TECH® is an ISO 9001:2015 certified manufacturing company offers wide range of **Consistent, Reliable and High Quality Flow Control Components** used in Fluid / Gas Control systems in a wide range of Industries.


MANUFACTURING :

DAWSONS-TECH® established its comprehensive state of art manufacturing and testing facility installing various CNC Turning Centre and CNC Turnmill Centre, Vertical Machining Centre, etc. with the highly motivated and dedicated team of employees in place. This facilitate us to design and manufacture our product range under stringent quality checks and measurements that ensures **“A TOTAL CUSTOMER SATISFACTIONS”**.

QUALITY :

DAWSONS-TECH® pursues not only performance of its products but also ensures **“TOTAL QUALITY CONTROL MANAGEMENT SYSTEMS IN ACCORDANCE TO ISO 9001:2015”** which is achieved by alerting and educating each and every employee, the importance of quality and by implementing the quality control procedures at every stage of production to final inspection from incoming raw material to finish products.



OUR CAPABILITIES	CERTIFICATIONS	DEMAND IN INDUSTRIES
<ul style="list-style-type: none"> • Over 35 Years of Experience • Excellent Technical Knowledge • Latest Design Equipment's & Software • Modern Manufacturing Facilities • Highly Motivated Team of Employees • Excellent Inspection Facilities • Product Performance Testing Facilities 	<ul style="list-style-type: none"> • ISO 9001-2015 • ISO 14001-2015 • ISO 45001-2018 • PED 2014/68/EU • ASTM F1387-19 • MSS SP-99-2016a • Helium Leak Test • Hydro Static Proof Test • Pneumatic Proof Test 	<ul style="list-style-type: none"> • Original Equipment Manufacturers • Chemical & Petrochemical • Oil & Gas • Power • Compressed Natural Gas (CNG) • Pharmaceutical • Semiconductor • Maximum Flexibility • Maximum Safety in Operation • Substantial Cost Saving
<div style="display: flex; align-items: center;">  <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; letter-spacing: 5px;">BENEFITS</div> <ul style="list-style-type: none"> • High Quality • Proven Design for Leak Free Connections • Effective Operations </div>	<ul style="list-style-type: none"> • High Efficiency 	

RESEARCH & DEVELOPMENT :

With our extensive experience, expertise and continues Research & Development with incorporation of advanced technology and high-tech cutting-edge machineries, **DAWSONS-TECH®** is committed to constant upgradation and expand its product range to meet the requirements of its customer to their entire satisfaction at every time.

CUSTOMER SATISFACTION:

We strive to achieve total customer satisfaction and continuously work to set higher goals to provide the reliable quality, timely delivery of our products and prompt services in the best interest of our customers with **Very Competitive Price**.

Incorporate DAWSONS-TECH® Fittings & Valves in your purchase & Avail Substantial Cost Saving

For more information, Please [contact us by E-mail : ankitkohli@sanmish.com](mailto:ankitkohli@sanmish.com)

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