



DAN HYDRAULICS

Since 2018



**BUILT FOR PRESSURE
TRUSTED FOR PERFORMANCE**

AUTHORISED DISTRIBUTOR FOR



HIGH & LOW PRESSURE HYDRAULIC FITTINGS

DIN FITTINGS

- Single Ferrule 24° Tube Fittings.
- Suitable For Seamless as well as ERW tubes with outside Dia. 6 mm - 42 mm.
- Available in Light (L) & Heavy (S) Series.
- Material : Carbon Steel, SS 304L, SS 316L & SS 316Ti.



JIC FITTINGS

- Flare Angle: 37° inclusive angle.
- Thread Type: Unified National Fine (UNF) thread.
- Construction: Three-piece design (nut, sleeve, and body).
- Materials: Carbon Steel, Stainless Steel (SS 304L, SS 316L).

ORFS FITTINGS

- Sealing Method: 90 Durometer O-ring (Buna-N/Nitrile or Viton).
- Thread Type: Unified National Fine (UNF) thread sizing, which are parallel threads (not tapered).
- Materials: Carbon Steel, SS 304L, SS 316L.
- The flat-face design with an O-ring provides a superior, leak-proof seal.



DOUBLE FERRULE COMPRESSION FITTINGS

- Metal to Metal Seal connection eliminates potential assembly errors.
- Size for inch tubing from 1/8" OD to 2" OD & 3 mm - 42 mm metric tubing.
- Excellent vibration fatigue resistance.
- Materials : SS 304L, SS 316L.

SOFT SEAL FITTINGS

- Compatible with fittings based on standard like DIN 2353 & ISO 8434-1.
- Available in Light (L) & Heavy (S) Series.
- Soft Seals Material : NBR & VITON.
- Ring Material : Carbon Steel & Stainless Steel.



HIGH & LOW PRESSURE HYDRAULIC FITTINGS

ADAPTERS

- 60° Cone adapter BSP to BSP.
- 60° Cone adapter BSP to BSPT.
- 60° Cone adapter BSP to NPT.
- 60° Cone adapter BSPED to BSPED.
- Flat face adapter BSPED to BSPED.
- Material : Carbon Steel, SS 304L, SS 316L.



CLAMPS

- Clamps according to DIN 3015.
- Clamping solution for tubes & hoses.
- Available outside Dia. 6 mm - 219 mm.
- Available in Light (L), Heavy (S) Series & Twin series.
- Body material : Poly Propylene (PP) & Aluminium (AL).
- Material of plates & fasteners : Carbon Steel & Stainless steel.



FLANGES

- Meeting standard of ISO6162.
- Mono & Split Flanges.
- Range 3000 (Code 61) & 6000 PSI (Code 62).
- Pump Flanges as per DIN 2353 & ISO6162.
- Material : Carbon Steel & Stainless Steel.
- Sizes : 3000 PSI - 1/4" to 5", 6000 PSI - 1/4" to 2".



SPECIAL FITTINGS

- Design & Manufacture as per the requirements.
- Meeting the standard.
- Material : Carbon Steel & Stainless Steel.
- Type : DIN, JIC, ORFS, Adapters.



HYDRAULIC VALVES

- Hydraulic valves used in various function including sealing flow, pressure & direction.
- Pressure compensated valves.
- Shuttle Valves.
- Hose Burst Valves.
- Check Valves.
- Flow Control Valves.



HIGH & LOW PRESSURE BALL VALVES

2 WAY THREADED BALL VALVE

- 2-way ball valves with threaded & SAE connection.
- Pressure Rating : upto 500 bar.
- Material : steel / stainless steel.
- Sizes : 1/4" to 2".
- Thread Sizes : BSP, NPT, BSPT, JIC, Metric, ORFS, SAE Flange type.



3 & 4 WAY BALL VALVE

- 3-way & 4-way ball valves with threaded & SAE connections.
- Pressure Rating : Upto 500 bar.
- Material : steel / stainless steel.



MANIFOLD TYPE

- Ball valves for manifold mounting.
- Pressure Rating : Upto 500 bar.
- Material : steel / stainless steel.



COMBINATION BALL VALVE

- Ball valve combinations with threaded Ball valve combinations with threaded connections.
- Pressure Rating : Upto 500 bar.
- Material : steel / stainless steel.

2 WAY FLANGED BALL VALVE

- 2-way ball valves flangeable with SAE & ISO connections.
- Pressure Rating : Upto 420 bar.
- Material : steel / stainless steel.
- Threads : metric / UNC threads.
- Sizes : DN 13 to DN 200.
- Bypass Valve designs are also available.



FLOW CONTROL VALVE

- Flow control check valves for piping-system assembly with threaded connections / for manifold mounting.
- Pressure Rating : Upto 500 bar.
- Material : steel / stainless steel.
- Sizes : 1/8" to 2".
- Threads : BSP, NPT, UNF.

HIGH & LOW PRESSURE BALL VALVES

CHECK VALVE

- Check valves for piping system assembly / manifold mounting.
- Sizes : DN 06 (1/8") to DN 40 (2").
- Pressure rating upto 500 bar.
- Thread type : BSP, NPT, UNF, SAE.
- Cracking Pressure : 0.5 bar & 4.5 bar.
- Material : Carbon Steel & Stainless Steel.



LOW PRESSURE 2-WAY & 3-WAY BALL VALVE

- 2-way & 3-way low-pressure ball valves with threaded.
- Pressure Rating : PN30-65 bar, PN35-63 bar.
- Material : brass / stainless steel.
- Thread Type : BSP.



FIRE SAFE BALL VALVES

- Type : 2-way.
- Material : Stainless Steel.
- Connection : DIN ISO 228 female thread & ANSIB1.20-1 NPT female thread.
- Sizes : DN 25, 32, 40, 50, 65, 80, 100 & DN 125.
- Pressure Rating : Upto 420 bar.



ACCUMULATOR SAFETY BLOCKS

- Material : steel / stainless steel.
- Manually or Electrically Operated.



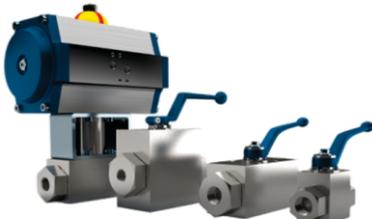
ACCESSORIES

- Panel Mounting Kit.
- Locking Device.
- Limit Switches.
- Proximity Switches.
- Levers.
- Combination.
- Detent.
- Proximity Switches.



HYDROGEN (H₂) VALVE

- Hydrogen production, compression & storage.
- Transportation e.g. Category 3 & 4 containers upto 500 bar @ -40° / +85° C.
- Fuel station storage & compression.
- Truck fueling 350 bar, car fueling 700 bar.



OTHER PRODUCTS

AIR DRYER & AIR FILTER

- Validated, reliable performance in producing ISO 8573-1:2010 quality compressed air.
- Modular design for flexible orientations.
- UltraSilencer reduces noise pollution and helps provide safe working conditions.
- Easy handling of maintenance and service.
- Industry 4.0 ready.



DANFOSS - HOSES & FITTINGS

- Designed for oil/water-based fluids.
- Offering one- or two-wire braided or spiral reinforcement.
- Temperature Range: Typically -40°C to +100°C.
- Cover: Oil-resistant synthetic rubber.
- New duro - kote plating technology for upto 1000 hrs. for corrosion resistance.



ACCESSORIES

- Level Gauge.
- Pressure Gauge.
- Suction Strainers.
- Filter Elements.
- Breathers.
- Plastic Coated Clamps.



MINIMESS COUPLINGS & HOSES

- Pressure test system for monitoring, venting & sampling of fluid & gaseous pressure.
- Material : Steel with Zn Ni coated, also available in Zn plating.
- Minimess Coupling : working pressure 630 bar.
- Minimess Hoses : Nominal bore DN 2 & DN 4.
- Working pressure : 400 & 630 bar.



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Works Under Pressure. The More, The Better.