

# QUICK RELEASE CONNECTORS





## OUR COMPANY

Established in 1974 by Dr. Y.E. Moochhala, a Ph.D in Mechanical Engineering from Northwestern University, USA, Fluid Controls® is a leading provider of instrumentation products and services for a wide variety of industrial applications. Headquartered in Mumbai, the group has manufacturing facilities in Pune and Goa, including a state-of-the-art R&D centre and testing laboratory.



## OUR PRODUCTS

Fluid Controls® offers clients a complete range of instrumentation erection hardware, from tube fittings, valves, manifolds and air headers to DIN pipe clamps, SAE flanges and condensate pots. We also offer clients customised close coupled instrument hook-ups, high pressure needle valves, a range of gas valves for turbine applications and block and bleed valves.



## RESEARCH & DEVELOPMENT

Fluid Controls® offers clients customized solutions based on analytical formulations, 2D and 3D Modelling and Finite Element Analysis. Our commitment to product upgradation and new product development has resulted in the recognition of Fluid Controls® as an “**R&D Centre**” by the **Department of Scientific & Industrial Research (DSIR)**.

## OUR CERTIFICATIONS

Fluid Controls® is systems certified for ISO 9001:2015, ISO 14001, ISO 18001, and PED. Product performance certifications include ASTM F1387-99 (2012), ISO 19879 (ISO 8434), NGV, ISO 15500, ECE R110, PDA for DIN Single Ferrule Fittings, American Bureau of Shipping PDA for Fittings, Valves and Manifolds, MSS-SP-99, Valve certifications for API 607 and Fugitive Emission. We also have special certifications to IEC and EN standards for corrosion and shock/vibration for fittings.



## OUR CUSTOMERS

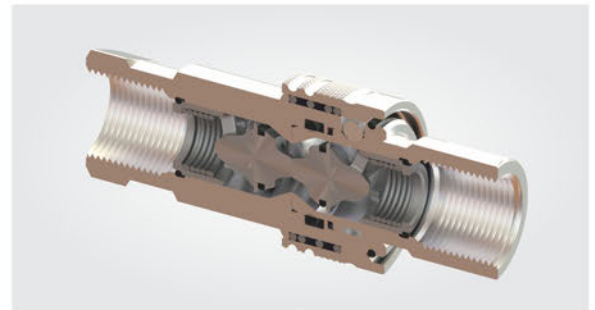
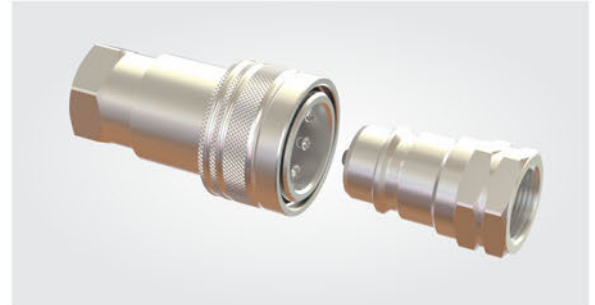
Fluid Controls® is a premier supplier for onshore and offshore oil & gas installations, process applications, power plants and railways in India. We are approved by all leading OEM's, including ONGC (offshore/onshore), NTPC, NPCIL, BHEL, GAIL, SAIL and RINL. For railway applications, we are approved for electric and diesel locomotives, motorized coaches, LHB coaches and metro rail cars. Our railway customers include CLW, DLW, DMW, ICF, MCF, RCF, BEML, Bombardier, Alstom, General Electric.



# Fluid Controls® Quick Release Connectors

Fluid Controls® Quick Release Connectors offer easy connection and disconnection by hand with zero leakage and no spillage at high working pressures. Fluid Controls® Quick Release Connectors offer high reliability for repetitive operations, quick change operations and for in-line operations.

Fluid Controls® Quick Release Connectors seal and lock the joint effectively to contain internal pressures and resist any tensile forces that tend to pull the joint apart. The parts are easily disconnected without tools by disengaging a locking mechanism and separating parts.



Fluid Controls Quick Release Connectors are used in a wide variety of industrial applications - from mobile hydraulics and hydraulic tools to process and agricultural application

QRC STANDARD / SERIES		THREADS	SIZE RANGE	PRESSURE RANGE
ISO 7241-A	AISO A Series	BSP/NPT (Female)	1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	100 - 315 Bar, 1450 - 4500 PSI
ISO 7241-B	AISO B Series	BSP/NPT (Female)	1/4", 3/8", 1/2", 3/4", 1"	100 - 250 Bar, 1450 - 3600 PSI
DIN SERIES	DIN Series	BSP Only	1/4", 3/8", 1/2", 3/4", 1"	220 - 350 bar, 3000 - 5000 PSI
ISO 16028	Flat Face Series	BSP/NPT (Female)	1/4", 3/8", 1/2", 3/4", 1"	220 - 350 bar, 3000 - 5000 PSI
ISO 16028	Flat Face Screw Series	BSP/NPT/Metric	1/4", 3/8", 1/2", 3/4", 1"	500 - 550 bar, 7250 - 8000 PSI
ISO 14541	Screw Coupling Poppet	BSP/NPT (Female)	1/4", 3/8", 1/2", 3/4", 1"	250 - 350 bar, 3000 - 5000 PSI
ISO 14540	High Pressure Screw Coupling (Ball Type)	NPT	1/4", 3/8"	720 Bar, 10400 PSI
ISO 14540	High Pressure Screw Coupling (Ball Type)	NPT	1/4", 3/8"	720 Bar, 10400 PSI



## FLUID CONTROLS PRIVATE LIMITED

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