

**Fast Liquid-Connect
Disconnect use of Fittings
For Water, Fuel, Sand, Steam,
Air, Vacuum**

**Camlock and
Quick Coupling**

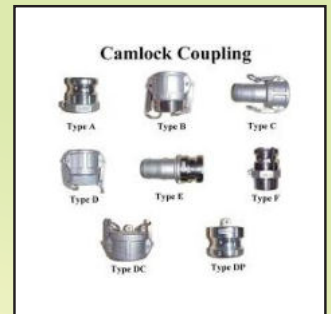
Made in India



**PERFORMANCE MEETS
LEAKPROOF FLUID-SHUTOFF
FEATURES**

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As per MIL-C-27487,
EN 14420, DIN 2828



Per ISO 7241, 16028



per EN ISO 228-1 cam
& groove hose shank



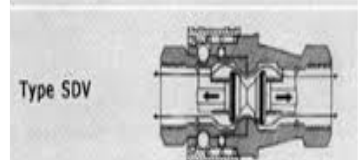
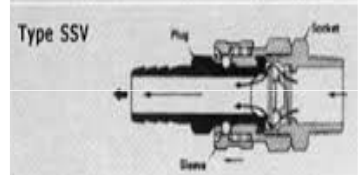
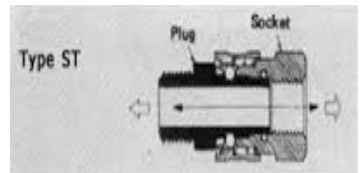
**Installation & Warranty
Information**

HIC
UNIVERSAL
 True Performance Rubbers

Wish
Leak-Safe
Hydraulic
Pneumatic
Fast Connect
Disconnects



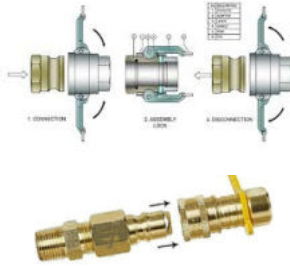
Manufacturing Range at: www.UniversalDelhi.org
Profile at: www.hicRubber.com



Thank You for Purchasing HIC "UNIVERSAL" Camlock Fittings and Quick Coupling

HIC International Co.'s Manufactured UNIVERSAL Brand Quality stainless steel Camlock Fittings High Pressure superseding DIN 2838, US Military MIL-C-27487, and Faster Connect with No Separation of Line Pressure as well as Clean Working Environment Advantage assures Long Life Reliability.

While High Pressure Quality stainless steel Quick Release Coupling for Water and Air DIN 2826, ISO 7241 Superb Push-Pull mechanism of adaptor plus coupler minimizes fluid loss upon disconnection Advantage assures Long Life Reliability.



Flow-Safe High Pressure Camlock Fittings and Quick Release Coupling Installation **Tips**

Cam1. Extend Camlock Arms and slip the Adapter smoothly into Coupler until contact is made with the rubber gasket seal made of standard Nitrile or Silicone/ PTFE/ Viton.

Then, press the handle down simultaneously with normal hand pressure. Close both handles at the same time until two halves are firmly fixed together.

Cam2. Replace Rubber Seal periodically as gasket deteriorates after excessive wear on cam and groove coupling usage, thus can reduce efficient performance of the coupler.

Cam3. Prevent Leakage Using Appropriate Fluid, Pressure, Temperature be applied and should not exceed max. operating pressure and temperature range as per ordered seal material.

Cam4. Prevent Camlock Damage by not artificially beating, bending or stretching and by not exceeding maximum tightening torque, for threaded type coupling.

Cam5. Increase Lifespan of Camlock coupling by avoiding continuous vibration and machine impact.

Cam6. Sticky Materials Transfer Well Handled by Camlock Coupler Adaptor like mud water, slurry, petroleum, viscose, etc. up to 50 bar test pressure produced in Stainless Steel 304/ SS 316/ C.S/ Gun Metal with Hose Shank or Screwed or Flanged connection cam and groove coupling.

Camlock coupling consists of adapter, coupler and assembly like handle, finger rings, pins and safe clips. Male groove Adapter and Female Coupler makes up Assembly.

QRC1. Single Check Valve Air Quick Coupling is used only for pneumatic application, by Plug being pushed back to the Valve to open the air circuit.

When moving into Open position, valve release Locking balls which move into the groove of the Plug and outer sleeve moves forward, under spring load, automatically locking Plug and Coupler.

To Disconnect, move outer sleeve back manually to release the ball which in turn allow the Plug to be withdrawn, allowing the Valve to move forward automatically closing the circuit.

QRC2. Double Check Valve Water Quick Release Coupling is used for Fluid Transfer Lines to connect and disconnect during maintenance without disrupting operation and loss of fluids due to Positive Valve Stop shut-off design.

QRC3. Instant Push Pull connection of compressed air, pneumatic, etc. is achieved by Single Check valve Quick Coupler Adaptor hose coupling in Stainless Steel 304/ SS 316/ C.S up to 200 bar working pressure & Double Check Quick Release Coupling is suited for vacuum, hydraulic, etc. faster disconnecting.

Disclaimer: Information's, written and verbal are provided by HIC, relative to its **camlock and quick coupling** which it determines to be reliable & no liabilities of whatsoever nature in regards to its uses. The purchaser of HIC UNIVERSAL brand **camlock fittings and quick release couplings** should determine for itself the suitability of such rubber products.



Why HIC Universal

HIC UNIVERSAL

True Performance Rubbers

Camlock and Quick Coupling?

Safe Transfer of Flammable Liquids & Dry Powders Camlock

Eases Loading & Unloading in Fuel Tanker, Aviation, Chemical Pipe Couplers Adapters in Stainless Steel SS316, SS304, CS

High Pressure Water Fast Connections Cam Groove Fittings

Aids without Tool to Fit Passive Locking Arms for Ship, Beverages

Positive Connect Disconnect Water, Vacuum, Steam & Air QRC

Acts Fast in Refrigeration, Gas, Air Conditioning, Automotive in Double & Single Check Valve types Coupler Adapter Set

Leak-proof Push-Pull Mechanism Quick Release Coupling

Simple to Use Hydraulic & Pneumatic Fittings in SS316, SS304, CS, Brass



- Facebook, Twitter, Instagram, YouTube, LinkedIn, Pinterest social media links.

www.hic-india.com

WARRANTY CERTIFICATE

The goods tailor-made, supplied as per buyer's P.O. specifications is warranted against any manufacturing defects for 12 months from the date of Invoice, and assume liability of repairing free of cost in the event of any manufacturing defects.

HIC Int. shall be under no liability in respect of any defect in the goods arising from any drawing, design or specification supplied by the Client. Goods claimed to be in default must be returned to HIC's factory at client cost; cost for return transport prepaid.

Handwritten signature



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