



Quick Disconnect Couplings

Innovation Sheet

When you're under pressure . . . connect with the best.

For over 60 years, Eaton has supplied the industry with innovative and quality quick disconnect coupling products. In the 1950's, Eaton introduced the first 5100 Series "Wing Nut" and 5600 Series interchange style couplings to the industrial market. Today, Eaton offers a wide variety of quick disconnect couplings to meet your application needs.

Markets & Applications

- Construction
- Public Safety
- Mining
- Agriculture
- Forestry
- Utility
- Marine and Defense
- Oil and Gas
- Transportation
- Industrial Plants
- MRO
- Electronic Cooling
- Chemical Processing

Features

- Permits easy and immediate connection/disconnection of fluid lines.
- Automatic valves open and close during connection and disconnection.
- Available in a wide variety of sizes, styles and popular end configurations.
- Coupling halves permit swiveling during installation.



Benefits

- Saves time and money.
- Minimizes the possibility of air, dirt and moisture in the hydraulic system.
- Accommodates multiple applications.
- Prevents twisting of hose assemblies.



5100 Series



- Tubular valve construction for virtually no fluid loss during disconnection.
- Low air inclusion during connection maintains system performance.
- Connect against pressure capability up to 500 psi.
- Steel flange available for accessible bulkhead mounting.

5600 Series



- Industrial interchange coupling conforming dimensionally to ISO standard 7241/1 Series A.
- Sizes: -04 through -16.
- PUSH-PULL™ ball latch design.
- Streamlined valving provides minimum pressure drop.
- Self-sealing poppet valve design provides excellent high and low-pressure sealing.

FD45 Series



- Industrial interchange coupling conforming dimensionally to ISO standard 7241/1 Series B.
- Sizes: -02 through -16.
- Available in steel, brass, and stainless steel.
- PUSH-PULL™ ball latch design.
- Self-sealing poppet valve design provides excellent high and low pressure sealing.

FD89 Series



- Meets dimensional requirements of ISO 16028.
- Push-to-Connect Latching.
- Dual flush-face valving.
- Safety sleeve lock to prevent accidental disconnection.
- Interchangeable with HTMA couplings (3/8 in. size).

Additional Quick Disconnect Products

- FD49 Series - Hydraulic Tool
- FD69 Series - Water Blast
- FD35 Series - 10,000 psi hydraulic jacking
- FD90 Series - Diagnostic
- Agriculture
- Pneumatic

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