



Stucchi[®]



UNLOCK THE SOLUTION[™]



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Stucchi Inc. is an ISO 9001/Vision 2000 certified manufacturer of hydraulic quick disconnects. Our solutions-based approach meets the demanding requirements for a variety of applications spanning multiple markets including construction, agriculture, automation, chemical, off-shore and land-based oil & gas, pulp & paper, plastics, public utilities, and many others.

Stucchi is a recognized global leader in the design and manufacturing of quick coupling products providing a variety of sizes and port configurations ranging from 1/8 inch to 2 1/2 inch sizes to accommodate a wide field of application requirements. Our pressure capabilities extend to 10,000 psi working pressure, port configurations include imperial and metric standard in stock, materials from brass to 316 stainless steel, and an assortment of seal options.

Technical Support is provided by our experienced people in both customer service and field sales support representatives.

Product Quality Assurance is documented throughout our supply chain, beginning with raw material certifications, ongoing improvements in production material, automation of production, fatigue testing, pressure testing parts prior to shipping and an ISO quality management system.

Prompt Shipment of customer orders is essential. Our commitment to carry large inventory levels in North America allows Stucchi the capability to service our customers' needs promptly and efficiently.

Custom Inventory capabilities are available in the form of custom order codes, kits, or special packaging.

Many hydraulic quick couplers look alike on the outside, but performance, ease of use and overall reliability vary greatly between brands. We invite you to try our products and compare Stucchi to current suppliers and learn why Stucchi is the choice of leading OEMs and distributors globally. We thank you for considering Stucchi as your supplier of choice, and for our existing customers we appreciate your continued support.



ISO 16028 Interchange Couplings Flat Face



Flat Face

Series: "A" Premier

Interchange: ISO 16028

The "A" Premier series is the state-of-the-art offering from Stucchi for applications needing higher working pressures and longer life. The high quality and precision of this design has led to Stucchi being recognized as a leading global supplier of flat face style couplers for all applications.

Features Include:

- Eliminates fluid loss during connection/disconnection
- Reduces inclusion of air or contamination during connection/disconnection
- Modular design allows wide range of port configurations
- Safety lock eliminates accidental disconnection
- Interchangeable with ISO 16028 couplers
- Internal flow of valve design creates minimal pressure drop, maintaining circuit efficiency in the system



ISO 16028 Interchange Couplings Connect Under Pressure



Connect Under Pressure

Series: APM

Interchange: ISO 16028

APM series is the state-of-the-art offering that addresses residual pressure in a circuit. APM series is interchangeable with all ISO 16028 couplings, its patented internal valve system allows for connection of the coupler with up to 30 MPa/4350 psi of residual pressure trapped in the circuit.

Features Include:

- Connection with high residual pressure in the circuit
- Interchangeable with ISO 16028 couplings
- Flat face design eliminates leakage and contamination in the circuit
- Modular design allows for wide range of ports
- Compact design
- Good resistance in impulse applications



Connect Under Pressure Threaded Flat Face Coupling



Flat Face: Threaded Coupling

Series: VEP

Interchange: None

VEP series is designed for higher working pressures and high impulse applications. The VEP thread-to-connect design, patented internal valve, and flat face innovation eliminates the issues associated with standard couplers used in harsh applications.

Features Include:

- Connect/disconnect with residual pressure up to 25 MPa/3625 psi
- High working pressures 35-60 MPa/5075-8700 psi
- Threaded coupling system eliminates brinelling
- Flat face design reduces leakage of oil and contamination into the circuit
- Internal flow of valve design creates minimal pressure drop, maintaining circuit efficiency in the system

Fire Tested and Lloyd's Certified* in compliance with API 16D Test and EUB Directive 36.

* Lloyd's document available upon request



Connect Under Pressure Threaded Flat Face Coupling



Flat Face: Threaded Coupling

Series: VEP HD

Interchange: VEP

VEP HD series is Stucchi's innovative solution to issues associated with couplers used in extreme applications.

Features Include:

- Connect/disconnect with residual pressure up to 25 MPa/3625 psi
- Interchanges with VEP series
- High working pressures 40-55 MPa/5800-7975 psi
- Expanded port options including code 62 flange head and pad
- Threaded coupling system eliminates brinelling
- Flat face design reduces leakage oil and contamination into the circuit
- Internal flow of valve design creates minimal pressure drop, maintaining circuit efficiency in the system

Fire Tested and Lloyd's Certified* in compliance with API 16D Test and EUB Directive 36.

* Lloyd's document available upon request



Connect Under Pressure Threaded Flat Face Coupling



Flat Face: Threaded Coupling

Series: VP

Interchange: None

VP series is Stucchi's innovative solution to issues associated with couplers used in extreme applications.

Features Include:

- Connect/disconnect with residual pressure up to 25 MPa/3625 psi
- High working pressures 40-60 MPa/5800-8700 psi
- Auto-lock system eliminates accidental disconnection
- Threaded coupling system eliminates brinelling
- Flat face design eliminates leakage during connection/disconnection
- Flat face design reduces contamination in the circuit
- Internal flow of valve design creates minimal pressure drop, maintaining circuit efficiency in the system

Fire Tested and Lloyd's Certified* in compliance with API 16D Test and EUB Directive 36.

* Lloyd's document available upon request



MP Series Hydraulic Multi-Coupling Plate



Multi-Coupling Plate

MP stands for multi-coupling plates. Multi-coupling plates are tools that allow the simultaneous connection of multiple lines under the toughest conditions. The MP series is designed for medium to high pressure hydraulic applications and offered in configurations of 2 to 10 hydraulic circuits in a plate.

Features Include:

- Connect/disconnect with high residual pressure up to (25 MPa/3625 psi) in every circuit
- Ease of installation of couplers and replacement with innovative mounting design
- Flat face couplers in plate eliminate leakage of oil during connection/disconnection
- Modular design allows for wide range of coupler sizes, ports, and electrical connector options
- Auto-lock system eliminates accidental disconnection of couplers
- Internal flow of valve design creates minimal pressure drop, maintaining circuit efficiency in the system



GRE Series Multi-Coupling Plate



Multi-Coupling: Series GRE

The GRE series is a multi-coupling system designed for manually connecting/disconnecting multiple circuits simultaneously. The GRE series is designed for low pressure applications of pneumatic or water circuits with 350 psi maximum working pressure. GRE plates are available with configurations of 6, 12, or 18 couplers mounted in a plate.

Features Include:

- Couplers constructed of brass, suitable for air or water applications
- Robust and compact construction
- Ease of installation and replacement of couplers with mounting design
- Connection lever system allows easy connection/disconnection with as many as 18 couplers
- Auto-lock system eliminates accidental disconnection
- Eliminates crossing of circuits, creates efficiency in tool changeover



Saturn Block



Saturn Block

The Saturn Block series is designed for easy connection and disconnection with residual pressure. Equipped with ISO 16028 interchangeable size 1/2 male and female parts flat face. Drain line in the middle is 3/8 size male.

Features Include:

- Connect/disconnect with residual pressure up to 25 MPa/3625 psi
- High working pressures 35 MPa/5075 psi
- Flat face design reduces leakage of oil and contamination into the circuit
- Modular design allows for 1/2, 5/8 or 3/4 size couplers
- Internal flow of valve design creates minimal pressure drop, maintaining circuit efficiency in the system



VU Series Check Valves



Check Valves: VU Series

Series: VU

The Stucchi check valve design is safe, compact, suitable to any hydraulic application using non-corrosive liquids. The VU size-range includes two different standard openings at 5 to 65 psi.

Features Include:

- Material: steel with black phosphate or zinc plating
- Closing spring in C72 material
- Standard crack 5 psi and 65 psi
- Standard SAE and NPT threads
- Various crack pressures optional
- Central exhausting hole option
- Pressure range up to 40 MPa/5800 psi





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