Faster offers a wide range of products for many different applications, including Oil & Gas, Refrigeration, High Pressure and Automation.

The Industrial applications field is a wide area and it includes several concepts. Products designed for industrial production are used in order to reduce downtime during maintenance operations.

This products are generally characterized by different materials and different levels of performances, to match a broad variety of applications.
ICONS LEGEND

Connection Under Pressure: Allowed Male Half up to W.P.

Connection Under Pressure: Allowed Both Halves

Connection Under Pressure: Allowed Residual

Connection and disconnection under residual pressure both halves

Disconnection Under Pressure: Allowed Male Half up to W.P.

Connection Under Pressure: Not Allowed
**Sleeve Retraction / ISO 7241 - B**

**HNV stainless steel**


**HNV brass**


**HNV**


**Accessories and spares**

- TMH... / TFH
- TMH... / TFH... S
- Seal kits

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- TMH... / TFH
- TMH... / TFH... S
- Seal kits
Flat Face / ISO 16028

**FFH**

Flat Face Male and Female couplings for industrial applications. Steel version (Mate 1000) with seals in NBR. Interchangeable according to ISO 16028. Available sizes: 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/2".

**Accessories and spares**

Flat Face Male and Female couplings for industrial applications. Brass version with seals in Viton. Interchangeable according to ISO 16028. Available in size 1/2".

**Accessories and spares**

Flat Face Male and Female couplings for industrial applications. Stainless Steel version (AISI 316) with Viton seals. Available sizes: 1/4", 3/8", 1/2", 3/4", 1".

**Accessories and spares**
Screw to Connect/Faster Interchange

**FHV HD**
Screw-on flat face couplings, equipped with a double Bearing Ball system and greasing nipple. The Zinc-Nickel plating guarantees a remarkable resistance to corrosion. Connectable by hand up to 35 MPa residual pressure in the male half. No hose torsion during connection and disconnection thanks to the internal bearing system. Equipped with a safety sleeve to prevent accidental disconnections due to vibrations. Available sizes: 1", 1-1/4", 1-1/2".

**VV**
Screw to connect standard couplings, double function sleeve. VV series couplings are very robust and reliable and allow to connect under residual pressure. Thanks to a double function sleeve it's also possible to connect a female part with either VV or NV male halves. Faster proprietary profile. Available sizes: 1/4", 3/8", 1/2", 3/4", 1".

**VVS**

**Accessories and spares**

- **FHV.../FHV...S**
- **Seal kits**

- **VV/TFV...**
- **Seal kits**

- **VVS/TFV...**
- **Seal kits**
High Pressure

**PVVM**
Screw to Connect Male and Female couplings, suitable for High Pressure applications. Equipped with a robust metal-to-metal sealing poppet valve. Maximum Working Pressure: 100 MPa. Connection under pressure: allowed residual in one of the two halves. Interchangeable according to ISO 14540. Available sizes: 1/4", 3/8".

**PVSM**
Screw to Connect Male and Female couplings, suitable for High Pressure applications. Equipped with a metal-to-metal sealing ball valve. Maximum Working Pressure: 72 MPa. Connection under pressure: allowed residual in one of the two halves. Interchangeable according to ISO 14540. Available in size 3/8".

**FFHP**
Oil & Gas / Snap Tite

OGV

Standard screw-to-connect coupling suitable for Oil & Gas applications. Robust sleeve design, poppet valve and ACME connection thread. Connection under pressure: allowed residual in one of the two halves. Available sizes: 1-1/2", 2".

OGF


TNV

Flat Face Male and Female couplings suitable for Oil & Gas applications. The Flat Face design guarantees very low spillage and prevents external contamination. Equipped with locking ball to prevent accidental disconnection. Interchangeable with Snap-tite 71 series. Available in sizes: 1/4", 3/8", 1/2", 3/4", 1".
BOP

HNV FR

Male and Female couplings with poppet valve shut-off system, Lloyd’s certified, suitable for Oil & Gas applications. Thanks to special components and seals, HNVFR couplings are API 16 D certified and suitable for BOP application. Interchangeable according to ISO 7241 Part B.
Available sizes: 1/2", 3/4", 1".

OGV FR

Screw to Connect Male and Female couplings, Lloyd’s certified, suitable for Oil & Gas applications. Robust sleeve design, poppet valve and ACME connection thread. Thanks to special components and seals, OGVFR couplings are API 16 D certified and suitable for BOP application. Connection under pressure: allowed residual in one of the two halves. Available sizes: 3/4", 1", 1-1/4".

FHV FR

Screw to Connect Flat Face couplings, Lloyd’s certified, suitable for Oil & Gas applications. Equipped with a safety sleeve to help preventing accidental disconnections due to vibrations. Zinc-Nickel plating. Thanks to special components and seals, FHVFR couplings are API 16 D certified and suitable for BOP application. Connectable with residual pressure in the Male half up to 35 MPa. Faster proprietary profile.
Available sizes: 3/4", 1".
Refrigeration

RF


RFL

Screw to connect female couplings for air conditioning & refrigeration application, low friction sleeve. The female couplings are equipped with a low friction sleeve in order to reduce connection effort and friction. Fully interchangeable with RF series same size. Available in sizes: 1/4", 3/8", 1/2", 3/4", 1".

RFLS - RFS

RFLS screw-to-connect female couplings are equipped with a low friction sleeve to reduce connection effort together with an integrated safety sleeve to prevent accidental disconnections. Corresponding male couplings RFS series are characterized by Faster profile interchangeability. Available in sizes: 1/4", 3/8", 1/2", 3/4".
Check Valves & Diagnostic

VU

Standard unidirectional check valves, acting as a safety device into hydraulic systems. Standard versions contain a spring set to open the valve at 35 kPa; Normally available with inlet and outlet Female threads. Wide range of calibrations available, from 10 to 950 kPa.

VUC

Compact check valves, acting as a safety device into hydraulic systems. Very compact design, assembled with only one piece body. Standard cracking pressure 35 kPa.

DF

Diagnostic Flat Face Male and Female couplings, specifically designed to measure the internal pressure of hydraulic circuits. Male part to be mounted on the hydraulic line, Female part to be connected to gauge instruments. Interchangeable according to ISO 15171-1.
Available in size 1/4".

Accessories and spares
Special Solutions

**FFC**

Flat Face Male and Female cartridge couplings in Stainless Steel (AISI 316) with Viton seals. Self-aligning couplings for MultiFaster. Misalignments up to ± 0.5 mm and ± 1° (angular) are automatically compensated during the connection. Faster proprietary profile.

Available sizes: 1/4", 3/8", 1/2".

**FFHB**

Integrated flat face cartridge, suitable for hydraulic multiconnections and manifolds. Thanks to its special sleeve button it is possible to connect the cartridge with dedicated plate counterpart or with single couplers. The cartridge allows frontal assembly with a dedicated tool. Conforms to ISO 16028 interchange standard.

Available sizes: 3/8", 1/2", 3/4".

**Accessories and spares**

FFHB TOOL
Automatic Multiconnection

Steel Industry

Multiconnection suitable for steel industry application (Rolling), with automatic alignment system. Rolling is a metal forming process in which metal stock is passed through one or more pairs of rolls to reduce thickness, or to make thickness uniform. The group of rolls is enclosed in a cage. This Multiconnection can be customized with the addition of electrical connectors.

Thermoforming Industry

Multiconnection suitable for thermoforming industry application, with automatic alignment system. Thermoforming is a manufacturing process where a plastic sheet is heated to a pliable forming temperature, formed to a specific shape in a mold, and finally trimmed to create a usable product. This technology is typically employed, other than in the automotive, sanitary and industrial sectors, in the manufacturing of refrigerators. This Multiconnection can be customized with the addition of electrical connectors.

Automotive Engine Test

Multiconnection suitable for End-of-line engine testing. The automatic connection of multiple lines (hydraulic, pneumatic, electrical) allows quick and reliable fill of external media needed to run the test, contributing to a massive reduction of the setup time for the whole process.
**MultiFaster** for Industrial Applications

**M001**

MultiFaster 2 lines size 06. Working Pressure 25 MPa. This special MultiFaster is designed for CNC machines applications. CNC machines are highly automated manufacturing tools controlled by a computer. Thanks to this MultiFaster it’s possible to pressurize all the hydraulic cylinders which block the pieces with one single maneuver, reducing the overall cycle time.

**P10A**

MultiFaster 10 lines. 5 lines size 08, 5 lines size 04. Working Pressure 25 MPa. Flow rate @ 0.2 MPa: 5 lines 70 l/min, 5 lines 20 l/min.

**P12A**

MultiFaster 12 lines. 10 lines size 08, 2 lines size 04. Working Pressure 25 MPa. Flow rate @ 0.2 MPa: 10 lines 70 l/min, 2 lines 20 l/min.
**MultiFaster** for High Pressure

**PH216S**
MultiFaster for High Pressure applications. 2 lines size 16. Working Pressure: 46 MPa. Flow rate @ 0.2 MPa: 60 l/min.

**PH408S**
MultiFaster for High Pressure applications. 4 lines size 08. Working Pressure: 46 MPa. Flow rate @ 0.2 MPa: 60 l/min.

**PH510S**
MultiFaster 4 lines for High Pressure applications. 2 lines size 08, 2 lines size 12. Working Pressure: 46 MPa. Flow rate @ 0.2 MPa: 2 lines 60 l/min, 2 lines 105 l/min.
We are the global reference in quick-release hydraulic couplings