With 70 years of experience in the hydraulic industry, Faster has designed and manufactured over 500 million quick-release couplings and has registered more than 100 patents.

Our product portfolio entails several solutions, grouped into 3 main areas: single couplings, Casting Solutions, and MultiFaster. Our offer covers several areas of application, including Agriculture, Mobile & Construction Equipment, Industrial & Other Applications.

**ICONS LEGEND**

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
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<tbody>
<tr>
<td><img src="" alt="Icon" /></td>
<td>Connection Under Pressure: Allowed Male Half up to W.P.</td>
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<tr>
<td><img src="" alt="Icon" /></td>
<td>Connection Under Pressure: Allowed Both Halves</td>
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<td><img src="" alt="Icon" /></td>
<td>Connection Under Pressure: Allowed Residual</td>
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<tr>
<td><img src="" alt="Icon" /></td>
<td>Connection and disconnection under residual pressure both halves</td>
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<tr>
<td><img src="" alt="Icon" /></td>
<td>Disconnection Under Pressure: Allowed Male Half up to W.P.</td>
</tr>
<tr>
<td><img src="" alt="Icon" /></td>
<td>Connection Under Pressure: Not Allowed</td>
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</table>
Agriculture is the leading field of application for quick-release hydraulic couplings. Faster has developed a full range of products, covering all the hydraulic connections on regular tractors, both on rear hydraulic lines and front loaders. Moreover, we have selected products specifically designed for harvesting applications.

- Sleeve Retraction
- Push-Pull
- High Flow
- Power Beyond
- Castings
- Multifaster For Front Loaders
- Multifaster For Harvesting
Male and Female couplings with poppet valve shut-off system.

Accessories and spares

Standard couplings for agriculture applications.

Accessories and spares

Standard couplings for agriculture applications with Zn-Ni surface treatment for improved resistance.
ISO 7241 part A interchange.

Accessories and spares
Push-Pull

**CPV Zinc-Nickel**


Available in size 1/2”.

**3CPV**

Female couplings designed for panel mounting installation and connection to flexible hoses. Connectable with Male under residual pressure. Breakaway function.

Available in size 1/2”.

**6DNPV**

Push-Pull Female couplings for rigid mounting connectable with Male and Female under pressure, disconnectable under pressure with low effort. Equipped with one or two oil collecting ports to collect clean oil and reduce spillage.

Available in size 1/2”.
High Flow Resistant

**3CFHF**


**Accessories and spares**

- TA .../ TARV 45
- TM 12 .../ TM 12-10 ...
- TA ...S
- TM 12 ...
- TM ... S
- Seal kits

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**4SRHF**

Male and Female Push-Pull couplings for agriculture connectable under residual pressure in both Male and Female side. Maximum flow rate: 250 l/min. Breakaway function.

**Accessories and spares**

- TA .../ TARV 45
- TM 12 .../ TM 12-10 ...
- TM ... S
- Seal kits
Power Beyond

5FPI

Flat Face couplings specifically designed for Power Beyond applications. Interchangeable according to ISO 16028. Connection and disconnection under residual pressure allowed. Equipped with collecting port for clean oil. Available in sizes 1/2" and 3/4". Flow rate up to 150 l/min, depending on the size.

FPI

Casting Solutions

**Manifold with screwed couplings for Rear SCV**

Cast iron manifold with 1/2” couplings screwed on. Designed to be screwed directly on control blocks. Every single casting is specifically developed for each tractor manufacturer, to meet impeding space requirements. Each Faster manifold block is specifically designed to match a specific control block interface. Each manifold can be equipped with different female couplings for agriculture, depending on the required features. It can also be upgraded with compatible couplings of different series.

**Block with semi-integrated cartridges for Rear SCV**

Cast iron blocks equipped with two semi-integrated cartridges, available both poppet valve ISO 7241 part A and flat face ISO 16028. Available size: 1/2” and 3/4”.

The same block is suitable for both ISO A and Flat Face cartridges, easy interchangeable to ensure flexibility. Push-pull connection. Great ease to connect and disconnect agricultural implements thanks to relief of internal residual pressure ensured by one dedicate lever for each line.

breakaway feature. Replacement of the lever does not require disassembling of the block.

**Block with integrated cartridges for Rear SCV**

Cast iron block with fully integrated cartridges, connection assisted by lever. Possible to fit either poppet or flat face cartridges in 3 different sizes: 1/2”, 5/8” or 3/4”.

Connection and disconnection under pressure allowed.
**MultiFaster** for Front Loaders

**PC206**
MultiFaster compact. It allows connection with mobile plate or stand-alone counterpart couplings, 2 lines 3/8".
The disconnection of stand-alone counterpart couplings is made by dedicated push buttons. This feature can be extended to all MultiFaster range.

**Accessories and spares**

| KIT2FN | Seal kits |

**P508**
MultiFaster 4 lines, size 08.
A brand new feature added to our MultiFaster: the automatic dust cover. A new addition applied to ease and facilitate the connection, giving the user the possibility to automatically open the dust cover, adding more comfort to the manouvre. This system is patented and soon a kit with this solution will be available.

**Accessories and spares**

| KIT2FN | KIT3FN | Seal kits |

**PSA06**
MultiFaster 4 lines 3/8".
Working pressure 25 Mpa.
Flow rate @ 0.2 MPa: 40 l/min.

**Accessories and spares**

| KIT2FN | KIT3FN | Seal kits |
**MultiFaster for Harvesting**

### PLK

MultiFaster 5 lines. 2 lines size 06, 3 lines size 09, 1 housing for electrical connector.
Working pressure 25 Mpa.
Flow rate @ 0.2 MPa: 2 lines 20 l/min, 3 lines 35 l/min.

### Accessories and spares

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<th>KIT3FN</th>
<th>KIT3FN</th>
<th>Seal kits</th>
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</table>

### P5065

MultiFaster 5 lines. 3 lines 04, 2 lines 06.
Working pressure 25 Mpa.
Flow rate @ 0.2 MPa: 3 lines 20 l/min, 2 lines 40 l/min.

### Accessories and spares

<table>
<thead>
<tr>
<th>KIT3FN</th>
<th>KIT3FN</th>
<th>Seal kits</th>
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### Automatic Connection

MultiFaster suitable for Harvesting, with automatic alignment system. Fixed plate designed to self-align with mobile plate to complete connection.
This kind of product allows the operator to complete the connection with safety, comfort and time saving.
This MultiFaster can be customized with addition of electrical connectors.
Construction Equipment is a challenging field of application for quick-release hydraulic couplings, where couplings must perform in tough environmental conditions, due to dust, mud, vibrations, temperature and pressure peaks. Faster has developed several solutions for the CE market, including Flat Face couplings, to avoid any leakage, Screw to Connect couplings, robust and reliable, and Casting solutions, to ensure the connection of multiple lines with decompression feature.

- Flat Face
- Screw To Connect
- Castings Solutions
- Multifaster
Flat Face Male and Female couplings.
The flat valve shut-off system prevents contamination and spillage.
Interchangeable according to ISO 16028.
Size 1/8" has surface treatment in Mate 500 (CrIII) and it is not ISO interchangeable.

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**Accessories and spares**

**FFH**

Flat Face Male and Female couplings.
The flat valve shut-off system prevents contamination and spillage.
Interchangeable according to ISO 16028.
Size 1/8" has surface treatment in Mate 500 (CrIII) and it is not ISO interchangeable.

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**3FFH**

Flat Face Male and Female couplings.
The flat valve shut-off system prevents contamination and spillage.
Real maximum working pressure of 35 MPa and Zinc-Nickel plating.
Connectable under residual pressure. It is possible to couple either a 3FFH Female half under pressure with a FFH Male half, or a 3FFH Male half under pressure with a FFH Female half.
Available sizes: 3/8", 1/2", 5/8", 3/4".
Interchangeable according to ISO 16028.

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**FSH**

Flat Face Female couplings, equipped with sector latching technology.
The sector latching system enables to effectively tackle the Brinelling effect, provoked by high frequency impulse pressures.
Real maximum working pressure of 35 MPa and Zinc-Nickel plating.
Connectable under residual pressure in the Male half when coupled with a 3FFH Male coupling.
Available sizes: 3/8", 1/2", 3/4", 1".
Interchangeable according to ISO 16028.
Screw to Connect

**FHV**

Screw-on Flat Face couplings, suitable for construction equipment and heavy duty applications. The Zinc-Nickel plating guarantees a remarkable resistance to corrosion. 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. Faster proprietary profile. Part Number with ET have Extended Temperature Range (from -30° to 120 ° C) in connected configuration. Female Part Number with IP are certified Ingress Protection 54. Male Part Number with K are the compact version. Available sizes: 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2".

**Accessories and spares**

**FLV**

Screw-on Flat Face couplings, with extremely compact and robust design. Ideal for applications in which a flat face connection is required and there are no significant residual pressures to manage. Available sizes: 3/8", 1/2", 3/4", 1".

**OGV ST**

Screw to connect couplings for Oil & Gas application, market interchange. Equipped with a marker that confirms the complete connection and a longer locking sleeve for an improved engagement. Available sizes: 1-1/2", 2".

**Accessories and spares**
Casting Solutions

Auxiliary Lines Block (3 ports)

Castings with cartridges for Construction Equipment. The first cast iron block ever designed to quickly connect and disconnect attachments on skid steers and other light equipment machines. Designed to connect the circuit with residual pressure on both ends. The decompression feature allows to connect the circuit with residual pressure on both ends. 1/2" and 3/4" cartridges can both fit into the 4BD4FH block. Higher flow capability is guaranteed when using 3/4" cartridges. Can be equipped with 4FFH or 4FSH cartridges. Cartridges share all the benefits of the FFH/FSH couplings technology.

Auxiliary Lines Block (3+2 HF ports)

5 Lines block unifies two hydraulic lines of different dimensions in one single casting, giving the option to decompress both lines and collect the drained oil in one single line. The block connects to the machine hydraulic circuit thanks to only two adaptors, and divides the oil flow between the above line and the below line by internal channels properly designed to optimize the flow. This solution offers a great flexibility to the machine in the use of a larger range of attachments and a very easy installation.

The cast iron block shown in the picture is for illustrative purposes only. The shape of each block is tailor designed to meet the manufacturer’s dimensional requirements.
P4A

MultiFaster 4 lines. 2 lines size 1", 2 lines size 1/2", available with electrical connector in 1/2". Working pressure: 25 MPa. Flow rate @ 0.2 MPa: 2 lines 70 l/min, 2 lines 150 l/min.

Accessories and spares

MultiGrease

MultiFaster with special cartridge for central lubrication system and an electrical connector (7 pins) included. 2 lines, size 1/2". This feature (special cartridge equipped with shunt system) can be extended to all MultiFaster range.

Accessories and spares

PH510 S

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.

Accessories and spares
Industrial & Other Applications

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.

- Sleeve Retraction / ISO 7241 - B
- Flat Face / ISO 16028
- Screw to Connect / Faster Interchange
- High Pressure
- Oil & Gas / Snap Tite
- BOP
- Refrigeration
- Check Valves & Diagnostic
- Special Solutions
- Automatic Multic connexions
- MultiFaster for Industrial Applications
- MultiFaster for High Pressure
Sleeve Retraction / ISO 7241 - B

**HNV**

Male and Female couplings for industrial applications with poppet valve shut-off system. Complete range of sizes available with BSP, NPT and SAE Female threads. Interchangeable according to ISO 7241 Part B.

**HNV stainless steel**

Male and Female couplings for industrial applications with poppet valve shut-off system. Stainless Steel version (AISI 316) with Viton seals. Interchangeable according to ISO 7241 Part B.

**HNV brass**

Male and Female couplings for industrial applications with poppet valve shut-off system. Brass version available with NBR or Viton seals. Interchangeable according to ISO 7241 Part B.

**Accessories and spares**

- TMH... / TFH
- TMH... / 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**

![Accessories and spares](image)

**2FFI brass**

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**

![Accessories and spares](image)

**2FFI stainless steel**

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**

![Accessories and spares](image)
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.


**VVS**

Screw to connect couplings for high pressure applications. Couplings commonly used for applications characterized by very high working pressures and peaks. Heavy duty internal components guarantee the maximum safety and reliability. Faster proprietary profile. Interchangeable with Faster VV series.


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**Accessories and spares**

- **TM/TM FHV ...**
- **TM/VV ... SS**
- **TF/FHV ... S**
- **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


### Accessories and spares

- Screw to Connect Male and Female couplings
- Flat Face Male and Female couplings
- Interchangeable according to ISO 14540
- Maximum Working Pressure: 72 MPa for FFHP, 100 MPa for PVVM, and 72 MPa for PVSM
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".

### 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".

### 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".
Refrigeration

**RF**

Screw to connect couplings for air conditioning & refrigeration application. Interchangeability according to market driven standards. Available in several versions in steel, brass and with copper sweat braze adaptor.


**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.


**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".

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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**
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.

### Accessories and spares

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<th>Kit3FN</th>
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**for Industrial Applications**
**MultiFaster for High Pressure**

**PH216S**
MultiFaster for High Pressure applications.
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.