Faster offers a dedicated range of products for Mobile & Construction Equipment, suitable for both Light Equipment, such as Skid Steer and Multiutilities, and Heavy-duty application.

Faster has developed several solutions for the Mobile & Construction Equipment market, including Flat Face couplings, robust and reliable Screw to Connect couplings, Casting solutions with integrated pressure release system and MultiFaster for connection of multiple lines. For applications that are typical in the construction market, quick-release couplings are required to adapt themselves to work in dusty environments with sand and dirt. It is very important that the seals used are specifically studied and created from polymer blends able to sustain the deterioration and consumption induced by the hostile work conditions.
Heavy Equipment

- Arm replacement
- Undercarriage (extension/disassembly)
Undercarriage
(extension/disassembly)

Tool replacement
(maintenance or move to another job site)

Wrenches
disassembly
Light Equipment

Attachment replacement
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

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

Connection Under Pressure:
Not Allowed
## Flat Face

**FFH**

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. Available sizes: 1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 1". Interchangeable according to ISO 16028. Size 1/8" has surface treatment in Mate 500 (CrIII) and it is not ISO interchangeable.

![FFH coupling](image)

**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.

![3FFH coupling](image)

### Accessories and spares

<table>
<thead>
<tr>
<th>FFH</th>
<th>3FFH</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAF</td>
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</tr>
<tr>
<td>TM 2FL../TF 2FL..</td>
<td>TM 2FL../TF 2FL..</td>
</tr>
<tr>
<td>TMF 3B / TFF 3B</td>
<td>TF 2FL../TF 2FN 3B S</td>
</tr>
<tr>
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<td>TMF 3B / TFF 3B</td>
</tr>
<tr>
<td>TM 2FN 3B S</td>
<td>TF 2FL../TF 2FN 3B S</td>
</tr>
<tr>
<td>Seal kits</td>
<td>Seal kits</td>
</tr>
</tbody>
</table>
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.

**Accessories and spares**

- TAF
- TM 2FL...
- TM 2FL... S / TM 2FN 38 S

- TMF 38
Screw to Connect

**CVV**


### Accessories and spares
- [TMVV..](#)
- [TFVV..](#)
- [TMVV.. S](#)
- [TFVV.. S](#)
- [Seal kits](#)

**CVLS**

Screw-to-Connect Male couplings, suitable for general purpose applications. High resistance to pressure and flow impulses. Equipped with an additional safety sleeve to prevent accidental disconnections provoked by vibrations. Connectable under residual pressure. Available sizes: 1/2" and 1". Size 1/2" interchangeable according to ISO 14541 standard.

### Accessories and spares
- [TFVV..](#)
- [TFVV.. S](#)
VVS

Screw-to-Connect Male and Female couplings, suitable for applications characterized by high working pressures and peaks.
Safe and reliable thanks to the heavy duty internal components.

OGV

Screw to Connect Male and Female couplings, 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: 3/4", 1", 1-1/4", 1-1/2", 2".
Screw to Connect Flat Face

FHV

Screw-to-Connect Flat Face couplings, suitable for heavy duty applications. Equipped with a safety sleeve to help preventing accidental disconnections due to vibrations. Equipped with a clear and intuitive visual check system, confirming the connection has occurred (green ring) or not (red ring). No hose torsion during connection and disconnection thanks to the internal bearing system. The Zinc-Nickel plating guarantees a remarkable resistance to corrosion. Thanks to its peculiar design, FHV couplings can also be connected and disconnected entirely by hand, without any tools. Connectable with residual pressure in the Male half up to 35 MPa. Working Pressure up to 53 MPa and flow rate up to 1000 l/min. Available sizes: 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2".

Accessories and spares

FM/FHV... SS
TF/FHV... SS
TM-TF FHV...

Seal kits

Faster has designed a special coupling for extended temperature range and with ingress protection validation. For more information, please inquiry Faster.
Castings Solutions

4BD4FH

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.

5Lines block-coupler

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.
**MultiFaster**

**P608**

MultiFaster 6 lines, size 1/2".
Working pressure: 25 MPa.
Flow rate @ 0.2 MPa: 70 l/min.

**PH408**

MultiFaster for High Pressure applications.
4 lines, size 3/8".
Working pressure: 46 MPa.
Flow rate @ 0.2 MPa: 35 l/min.
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

| KIT3FN | Seal kits |

MultiGrease

MultiFaster with special cartridge for central lubrication system and an electrical connector (7 pins) included. 2 hydraulic lines, size 1/2". Special grease coupling with shunt system can fitting 1/2" seat of all MultiFaster range.

Accessories and spares

| KIT2FN | KIT3FN | KIT2FNGS |

| KIT2FNP1218GM | Kit Spel |

Faster has the widest range of MultiFaster for Mobile & Construction Equipment applications.
MultiFaster

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 linesw 150 l/min.

Accessories and spares

| KIT2FN | KIT3FN | Seal kits |

P506

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

Accessories and spares

| KIT2FN | KIT3FN | Seal kits |
**P10A**

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

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**Accessories and spares**

<table>
<thead>
<tr>
<th>Kit 1</th>
<th>Kit 2</th>
<th>Seal kits</th>
</tr>
</thead>
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Faster has the widest range of MultiFaster for Mobile & Construction Equipment applications.
Diagnostic and Check Valves

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. Available in size 1/4". Interchangeable according to ISO 15171-1.

VU

Accessories and spares

Seal kits

Oil Collecting System
We are the global reference in quick-release hydraulic couplings