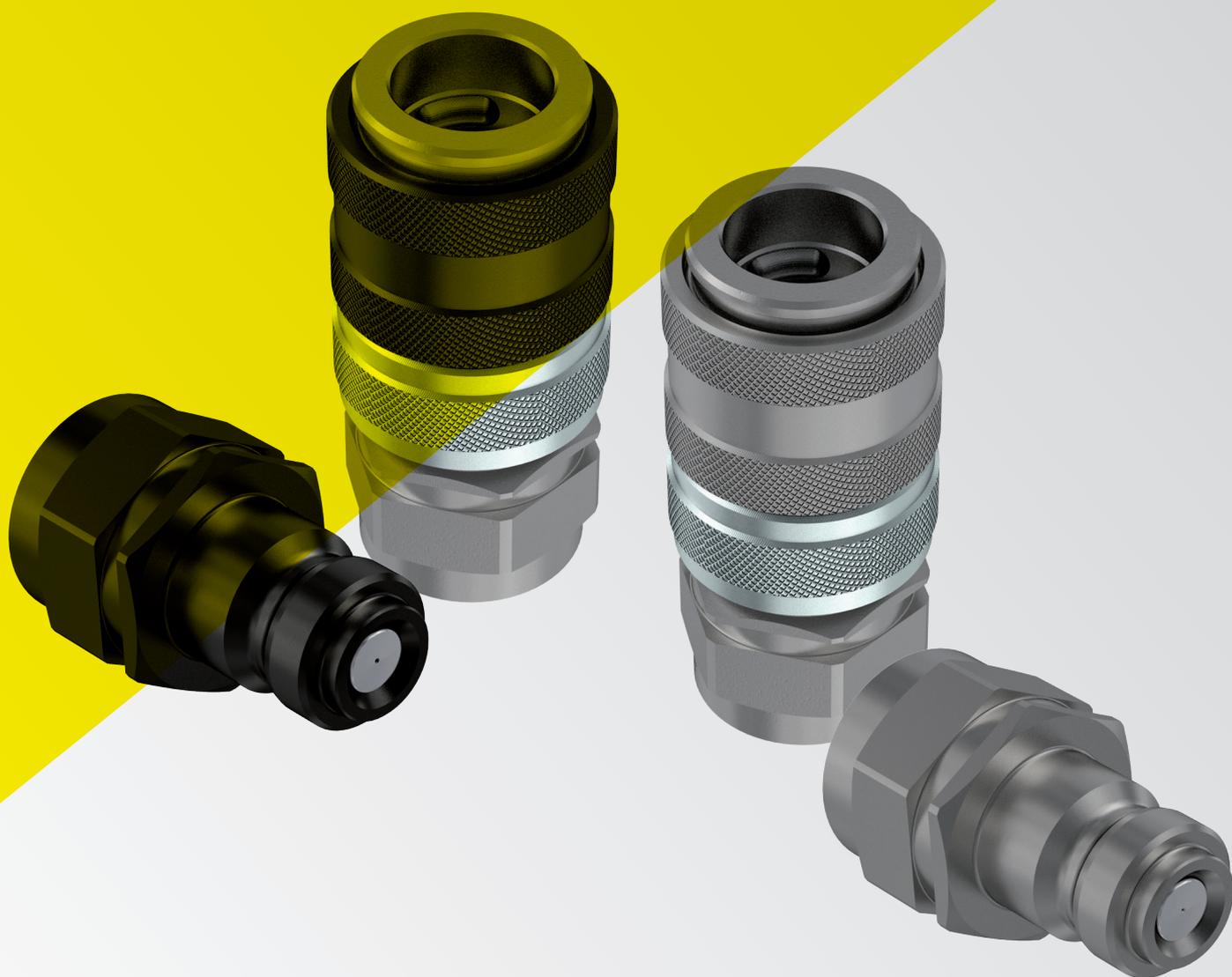


Faster

The global reference
in quick-release hydraulic couplings



Safety Guidelines
for the new
Ultra High Pressure range

Ultra High Pressure couplings should always be handled with caution!

These safety guidelines have been developed by Faster to create extremely safe work conditions while handling our new UHP range. Improper use and incorrect maintenance of products could cause severe malfunctioning and damages.

It is therefore necessary to carefully conform to the simple instructions contained in this document.

Please carefully read the instructions packed with the UHP couplings. If not available, please download the use instruction here:

fastercouplings.com/files/products/downloads/UHP_100_user_instruction_en.pdf



For any further information please contact Faster.

Content

1
Faster area of expertise
— PAGE 4

2
Faster high pressure range
— PAGE 5

3
General guidelines
— PAGE 6

4
Check for wear and damages
— PAGE 8

5
How to connect safely
— PAGE 10

6
How to disconnect safely
— PAGE 12

7
**Regular inspection
and maintenance**
— PAGE 14

8
Identify Faster for your safety
— PAGE 16

9
**Faster: the global reference
in quick-release
hydraulic couplings**
— PAGE 17

1

Faster area of expertise

To connect and disconnect rapidly, even with pressure in the system, Faster offers a wide range of products specifically designed and realized to provide high safety standard and guarantee the best performance in terms of maximum working pressure.

Faster products are safe and long lasting and serve a wide range of applications.

Our range of high pressure couplings includes all that you need for torque wrenches, rescue tools, hydraulic cylinders, jacks, rams, lifting equipment, power units/HP tools. For more information about our products, please visit Faster website.

→ www.fastercouplings.com



2

Faster high pressure range

Our high pressure range is designed for the heaviest applications in terms of working pressure and vibration; it comprises both flat-face and screw to connect couplings. Each series is equipped with dust protections.



PVVM

ISO 14540 interchange, poppet valve
Max WP 100 MPa



PVSM

ISO 14540 interchange, ball valve
Max WP 72 MPa



FFHP

Market profile
Max WP 72 MPa



UHP100

Market profile
Max WP 100 MPa



UHP150

Market profile
Max WP 150 MPa

3

General guidelines

Before using a new UHP coupling, please check carefully all the data reported on our website, dedicated instructions and catalogue.

Make sure that the coupling is suitable for pressure, flow characteristics, oil compatibility and proper machine installation.

UHP products are subjected to ultra high internal pressures (100 MPa and more). For your safety always use suitable protection devices when working and keep a safe distance from the product while pressurized.



Checklist:

- I have selected this product only after evaluating the information provided in the relevant catalogue and use instruction by Faster
- I am sure that maximum working pressure of the product is suitable for the hydraulic system
- I am not connecting or disconnecting if flow or dynamic pressures are present in the circuit
- I am not connecting or disconnecting if the temperature inside the circuit is higher than 40°C.

IMPORTANT!

Never try to locate a leak with your hands.

If a leakage occurs, shut down the machine immediately.

For your safety, **do not try to locate the leak with your hands when the hose is pressurised.** Please use specific and suitable tools to inspect the hose for damages

4

Check for wear and damages

The new UHP couplings by Faster are characterized by sector latching technology, that makes the couplings safer and long lasting.



The Sector Latching is a Faster patented system that prevents damages on the male groove caused by the radial balls in situation of pressure peaks.

Regular inspections and maintenance ensure safe operation of UHP range by Faster.



Checklist prior to use:

- I am a qualified person
- I always perform a visual check for wear, aging or damage
- I always make sure that the couplings are clean
- I always make sure that the locking sleeve is intact and moves freely
- I comply with all necessary safety precautions during inspection
- I always make sure that couplings, threads and sealing surfaces are undamaged, clean and free of corrosion

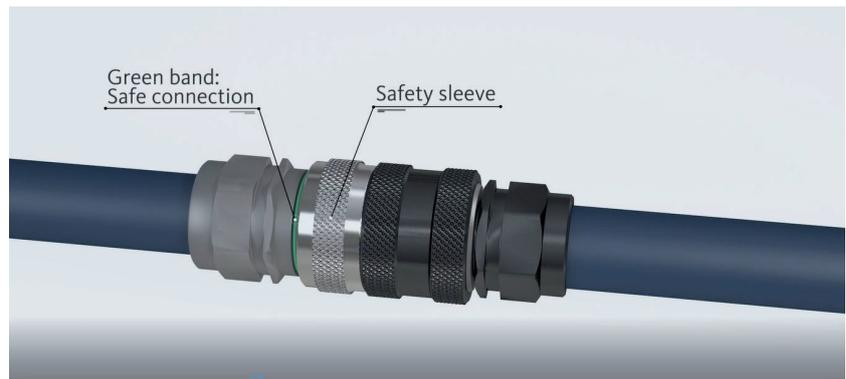
IMPORTANT!

Components showing any wear or damage signs must be replaced immediately!

5

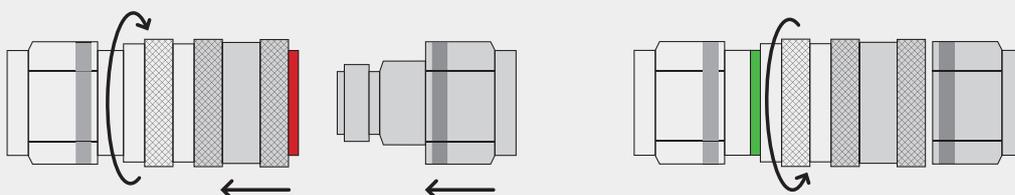
How to connect safely

Making a safe connection is the key factor!
The couplings need to be connected properly in order to avoid any accidental disconnection which may lead to serious injuries.
UHP couplings are provided with a safety sleeve to hold the connection more securely and a double visual check for safe and complete connection.



Before connecting, please verify that mating surfaces are well cleaned and lubricated. Check the functionality of the sleeve and the presence and integrity of the latching elements. Make sure that the couplings are not damaged.

Instructions



Checklist for a safe connection:

- I always make sure that the red ring is not visible
- I always make sure that the green o-ring is visible
- I always ensure the connection by screwing the safety sleeve against the main sleeve

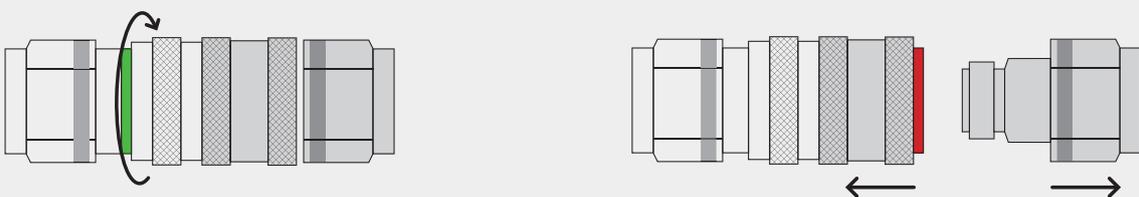
6

How to disconnect safely

Safety must be secured even during the disconnection process.



Instructions



Checklist for a safe disconnection:

- I always make sure that the hydraulic system is shut down with no pressure in the couplings
- I always make sure to unscrew the safety sleeve completely
- I always make sure to pull back the main sleeve
- I always make sure to release the main sleeve
- I always make sure to disengage the couplings

IMPORTANT!

When the couplings are disconnected, always use their suitable protection caps.

7

Regular inspection and maintenance

In order to ensure safe operations, regular inspection and maintenance is important.

Maintenance must be performed by a qualified person in an unpressurised condition. Defective or damaged components must be replaced immediately! Always perform a visual inspection in advance of each usage.

Please observe all necessary safety precautions during pressure testing and do not forget to protect the couplings with their dust caps to avoid system contamination.



Checklist for a correct maintenance:

- I am a qualified person
- I always refer to the assembly date to check the life time of the components
- I always inspect couplings for wear or damage
- I always replace couplings when damaged or defective
- I always make sure to use the dust caps when the couplings are not connected, to prevent dirt and contamination

8

Identify Faster for your safety

UHP100



All Faster quick-release couplings are designed and produced in accordance with the Quality Management Systems that meet UNI EN ISO 9001 standards.

In order to guarantee high safety levels, we recommend that you do not mix Faster products with other brands. Always look for the Faster logo on both female and male coupling!

All Faster couplings bear the Faster logo to guarantee their origin and reliability.

Each lot number can be traced on our Faster website.

From the UHP page you can also download the UHP Test Certificate to trace your order.

Although there are other couplings that may be connectable with Faster, Faster cannot assure the performance, quality and connecting tolerances of other manufacturers' parts.

UHP150



Faster: the global reference in quick-release hydraulic couplings

With more than sixty years of experience in the hydraulic industry, Faster has designed and manufactured over five hundred million quick-release couplings and has registered more than 40 patents.

Our challenge is to increase our competitiveness by offering high quality products while paying careful attention to our customer's needs. Today, Faster is a primary force for research, design and production of quick-release hydraulic couplings.

We have become leaders on the national and international markets thanks to investments in research and development. This happens also thanks to the close relationships with our customers, who benefit from our highly innovative product range and our constant assistance.

Thanks to our consolidated experience gained in the market, Faster has become the synonym for quick-release couplings for all hydraulic applications at medium, high and extremely high pressures at both national and international levels.

Today Faster is growing further and faster thanks to an intense program of new product launches and new applications characterized by innovative technical solutions.

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Faster in the world



VALUES

VALUE CREATION

CUSTOMER ORIENTATION

INNOVATION

PEOPLE CENTRALITY

LEADERSHIP

QUALITY AS A MUST

We are the global reference
in quick-release hydraulic couplings

