

# ***Faster***

**Couplers Instruction & warnings  
Guide**

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## Recomandations

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- Improper use and incorrect maintenance of products with high internal working pressures could cause malfunctioning and damage to persons and machines. Therefore it is necessary to carefully conform to the simple instructions contained in this website and catalogue. For any further information please contact FASTER® R&D Dept.
- Before using a new quick-release coupling, please carefully check all data reported in our website, dedicate instructions and catalogues.
- Make sure that the coupling is suitable for pressure, flow characteristics, oil compatibility, proper machine installation and so on requested by the applications. In order to allow your best application understanding please use our Product Definition Form as a guideline.
- Lubricate the seals and perform a connection and disconnection operation in order to check the perfect functioning of the coupling.
- Verify that threads fit and that their sealing is correct.
- If necessary replace damaged components with FASTER® original spare parts only.
- Before any connection and disconnection carefully clean both male and female parts to prevent dirt inclusions into the circuit with consequent seals damage and hydraulic fluid contamination. When couplings are disconnected, please protect them with original FASTER® dust plugs.
- During the first applications of the coupling, be sure that none is in the nearby and test the coupling under the maximum working pressure when connected and disconnected.
- The most critical moment using flat-face couplings takes place during the coupling phase when the valve in the male part moves and causes an internal volume reduction.
- This fact causes a pressure increase due to the oil quantity existing in the plant. Furthermore, during that operation, the sealing action of the seal in male part has to shift from the male valve to the female.
- In order to resist to internal stresses, FASTER® has designed the male couplings of 3FFH... series, equipped with patented triple valve, using this technology it is possible to connect with a residual pressure of 35 MPa (5076 PSI) in male part using standard female couplings FFH series.

## **Warnings**

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- When a disconnection is performed, there could be a residual pressure that depending on temperature and position, could reach high values especially using couplers equipped with the breakaway function. This prevents opening the valve in the male part and as a consequence, the connection is not possible.
- Avoid forcing the coupling male valve to decrease residual pressure.
- Use female part suitable for connection under pressure.
- Do not use any sharpened or improper tools which could damage the seals when opening the valves.
- Avoid to install couplers using it as a support for hoses or other devices, the quick release coupler is not a support or a hook, strong side loads may cause damages and malfunctioning to the product.

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## **Responsibilities**

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- The recommendations stated here do not consider all risk factors in every possible application of FASTER® couplings and multiconnections.
- The final choice of the product is under customer's responsibility who has to make the selection according to FASTER® suggestions.
- The customer has to make sure that all requirements of chosen parts are respected, efficiency is maintained and the end user is informed about use and maintenance operations.
- FASTER® and its Distributors are not responsible for damages to persons and machines caused by an improper use and an incorrect maintenance of products.
- Continuous improvement of technical features of products is FASTER's policy. For that reason all data in this website and catalogues are not binding. FASTER® is entitled to modify the specifications without prior notice.

## **Guarantee**

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- All FASTER® quick-release couplings are designed and produced in conformity with the regulations of Quality Managing System according to UNI EN ISO 9001Standards.
- They bear the FASTER® logo to guarantee their origin and reliability.
- FASTER® quick-release couplings are distributed worldwide through a network of highly qualified distributors.
- If a FASTER® quick-release coupling is connected to a correspondent competitor's type please check the functionality, the sealing and the resistance to working pressure before using the coupling.
- FASTER can not assure the performance, quality and connecting tolerances of competitor's types.
- Malfunctioning or leakages due to the above mentioned cases could cause serious damages to persons and machines.

We are the global reference  
in quick-release hydraulic couplings

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