

# UHP 150

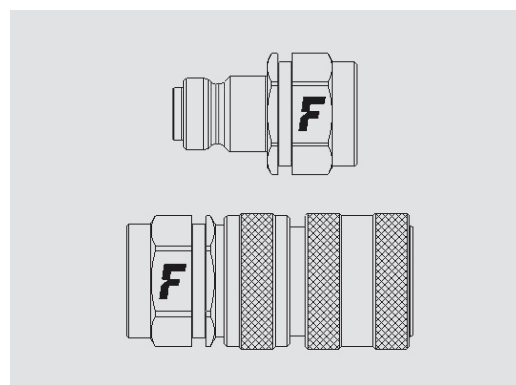


Couplings for Ultra High Pressure applications (150 MPa series).

UHP couplings are the most advanced Faster solution for hydraulic applications with ultra high working pressures of 150 MPa and more. Very robust and reliable, they are characterized by redundant visual and mechanical safety systems, and sector latching technology Faster patent that makes the couplings long-lasting and safe.



## Applications

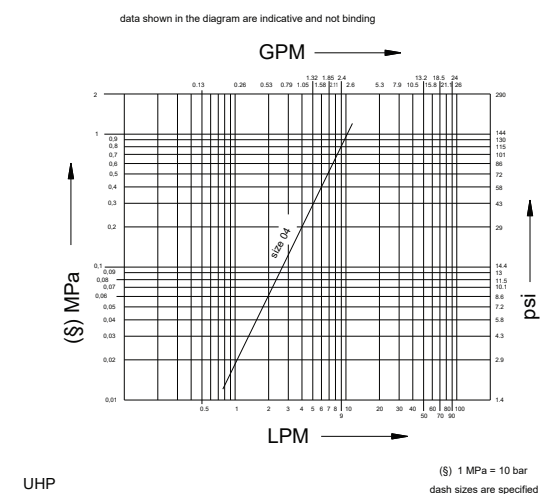


## Technical Specifications

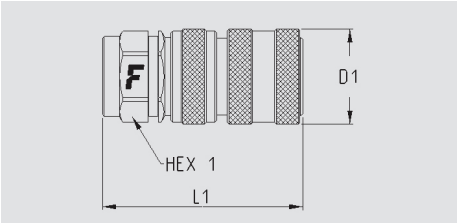
| dash | Size |      | Working Pressure (MPa) | Flow Rate (l/min) | Spillage (ml) | Force to Connect (N) | Burst pressure (MPa) |        |               |
|------|------|------|------------------------|-------------------|---------------|----------------------|----------------------|--------|---------------|
|      | mm   | inch |                        |                   |               |                      | Male                 | Female | Male + Female |
| 04   | 63   | 1/4" | 150                    | 4                 | 0,008         | 50                   | 350                  | 350    | 350           |

|                           |                     |
|---------------------------|---------------------|
| Material                  | Steel               |
| Seals                     | NBR                 |
| Working temperatures      | - 25 °C to + 100 °C |
| Surface treatment         | CrIII & Zn-Ni       |
| Series Interchange        | MARKET              |
| Valve Type                | Poppet              |
| Connection                | Sleeve Retraction   |
| Disconnection             | Sleeve Retraction   |
| Connection Under Pressure | Not Allowed         |

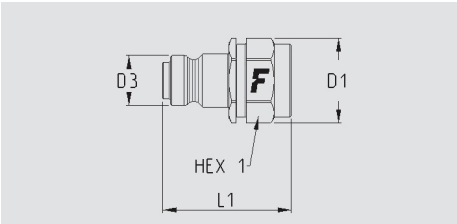
## Pressure Drop



UHP 150



| Size |     | Thread details           |              |                                | FEMALE         |                 |      |    |      |      |      |  |
|------|-----|--------------------------|--------------|--------------------------------|----------------|-----------------|------|----|------|------|------|--|
| inch | mm  | Thread Type              | Standard     | Thread                         | Part Number    | L (L1 + Thread) |      | D1 |      | HEX1 |      |  |
|      |     |                          |              |                                |                | mm              | inch | mm | inch | mm   | inch |  |
| 1/4" | 6,3 | F NPTF                   | ANSI B1.20.3 | NPTF 1/4 FEMALE                | UHP150 14NPT F | 59,3            | 2,3  | 28 | 1,1  | 24   | 0,9  |  |
| 1/4" | 6,3 | F BSP<br>(Metal Sealing) | ISO 1179-1   | BSP 1/4 FEMALE (Metal Sealing) | UHP150 14GMS F | 62,3            | 2,4  | 28 | 1,1  | 24   | 0,9  |  |



| Size |     | Thread details           |              |                                   | MALE           |                 |      |    |      |      |      |      |      |
|------|-----|--------------------------|--------------|-----------------------------------|----------------|-----------------|------|----|------|------|------|------|------|
| inch | mm  | Thread Type              | Standard     | Thread                            | Part Number    | L (L1 + Thread) |      | D1 |      | D3   |      | HEX1 |      |
|      |     |                          |              |                                   |                | mm              | inch | mm | inch | mm   | inch | mm   | inch |
| 1/4" | 6,3 | F NPTF                   | ANSI B1.20.3 | NPTF 1/4 FEMALE                   | UHP150 14NPT M | 38,3            | 1,5  | 25 | 1    | 14,8 | 5,8  | 22   | 0,9  |
| 1/4" | 6,3 | F BSP<br>(Metal Sealing) | ISO 1179-1   | BSP 1/4 FEMALE<br>(Metal Sealing) | UHP150 14NPT M | 39              | 1,5  | 25 | 1    | 14,8 | 5,8  | 22   | 0,9  |

PVC dust protection caps supplied together with the products

