

## STAUFF Screw-to-connect coupling Flat-Face series FT



### Characteristics

**Series:** FT

**Material:** Steel

**Surface protection:** Zinc-Nickel

**Valve shape:** Flat face

**Minimum medium temperature (continuous):** -25 °C

**Maximum medium temperature (continuous):** 100 °C

**Connectable under residual pressure:** Yes

### Application

- Construction machinery, hydraulic trailers, lifting equipment, oil and gas industry (onshore), hydraulic tippers

### Technical Information

**Connect under pressure:**

- male tip or female body up to 250 bar [3626 PSI] allowed

### Execution

**Flat Face quick release couplings have the following advantages:**

- The flat face valve design reduces the risk of leakage and wear
- Reducing the risk of contaminants from entering the system
- Powerful flow characteristics with minimal pressure drop

| Type of component | Construction size | Nominal bore in DN<br>mm | Coupling size (inch) | Connection type | Connection size | Maximum operating pressure<br>bar | Max. flow rate<br>l/min | Sealing         | Article  |
|-------------------|-------------------|--------------------------|----------------------|-----------------|-----------------|-----------------------------------|-------------------------|-----------------|----------|
| Coupling (female) | 4A                | 16                       | 5/8"                 | Internal thread | 3/4" BSP cyl.   | 550                               | 148                     | NBR/PTFE        | 13856149 |
| Coupling (female) | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.1/2" BSP cyl. | 400                               | 600                     | NBR/PTFE/PU     | 13856196 |
| Coupling (female) | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.1/2" NPT      | 400                               | 600                     | NBR/PTFE/PU     | 13856197 |
| Coupling (female) | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.1/4" NPT      | 400                               | 600                     | NBR/PTFE/PU     | 14230021 |
| Coupling (female) | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.7/8-12 UN     | 400                               | 600                     | NBR/PTFE/PU     | 14230022 |
| Plug (male)       | 2                 | 10                       | 3/8"                 | Internal thread | 3/4-16 UNF      | 550                               | 46                      | NBR/PTFE        | 13856116 |
| Plug (male)       | 3                 | 12.5                     | 1/2"                 | Internal thread | 3/4" NPT        | 550                               | 90                      | NBR/PTFE        | 13856133 |
| Plug (male)       | 6                 | 16                       | 5/8"                 | Internal thread | 1.1/16-12 UN    | 550                               | 148                     | NBR/PTFE/FKM/PU | 14230019 |
| Plug (male)       | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.1/2" BSP cyl. | 400                               | 600                     | NBR/PTFE/FKM/PU | 13856199 |
| Plug (male)       | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.1/2" NPT      | 400                               | 600                     | NBR/PTFE/FKM/PU | 13856200 |
| Plug (male)       | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.1/4" NPT      | 400                               | 600                     | NBR/PTFE/FKM/PU | 14230023 |
| Plug (male)       | 6                 | 31.5                     | 1.1/4"               | Internal thread | 1.7/8-12 UN     | 400                               | 600                     | NBR/PTFE/FKM/PU | 14230024 |

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