The one-hand-to-connect Flat-Face couplings have been developed to reliably meet the rigorous demands of ultra-high pressure hydraulic applications. Engineered to exacting tolerances, using the most durable materials, CEJN ultra-high pressure couplings hold up where other couplings fail.

**One-hand-to-connect**

The nipple is pushed into the coupling and is locked automatically. The locking sleeve does not need to be manually positioned.

**Unique automatic safety function eliminates accidental disconnection**

Turn the locking sleeve 30° and then pull backwards to release. The Flat-Face design ensures non-drip disconnection.

**Unique dust cap for nipples, with integrated pressure eliminator**

Residual line pressure on the nipple side can sometimes make it difficult to connect the coupling, resulting in unnecessary downtime and frustration. By depressing the button on our new pressure eliminating dust cap, internal pressure is relieved, allowing the two halves to easily connect.
Series 115 FF for rescue equipment

Series 115 in a Flat-Face design has a working pressure of 80 MPa. The series has a light-weight design with an aluminium back-part, which makes the series well adapted for applications where weight has a significance. Series 115 Flat-Face is primarily recommended for rescue equipment, torque tools and cable cutters.

The coupling can be connected to the standard 115 series nipple.

The nipple should not be loaded while disconnected, see also page 26.

Series 116 FF for industrial applications

Series 116 in a Flat-Face design has a working pressure of 150 MPa. Series 116 Flat-Face is primarily recommended for industrial applications, such as bolt tensioners, splitters and clamping tools.

The coupling can be connected to the standard 116 series nipple.

The nipple should not be loaded while disconnected, see also page 26.

Technical data

**Series 115 FF**
- **Material:** Hardened, zinc chromate plated steel
- **Max. working pressure:** 80 MPa
- **Min. bursting pressure:** 280 MPa
- **Nominal flow diameter:** 2.5 mm (3/32”)
- **Temperature range:** -30°C - +100°C (-20°F - +210°F)
- **Flow capacity at pressure drop 0.4 MPa:** 5.3 l/min (1.16 GPM UK)

**Series 116 FF**
- **Material:** Hardened, zinc chromate plated steel
- **Max. working pressure:** 150 MPa (3/8” – 100 MPa)
- **Min. bursting pressure:** 300 MPa
- **Nominal flow diameter:** 2.5 mm (3/32”)
- **Temperature range:** -30°C - +100°C (-20°F - +210°F)
- **Flow capacity at pressure drop 0.4 MPa:** 5.3 l/min (1.16 GPM UK)

Dust cap in metal for Flat-Face range

For coupling, part no. 10 115 4100
For nipple, part no. 10 115 4101
For nipple, with pressure eliminator, part no. 10 115 4102

Thread connections are listed according to ISO Standards (see Page 23 for more information). All measurements are in mm (Dimension key, see page 25).

Pressure conversion table, see page 24. Check with your local retailer for availability and prices.
Series 115. 100 MPa

Series 115 is available in both standard and Flat-face designs (see page 9). The series is a CEJN original with extremely small outside dimensions and a patented seal design. Non-drip connection and disconnection are standard on the CEJN high pressure range. All exposed components are made of zinc plated steel. The coupling is also available in a design with a safety ring for the locking sleeve to prevent accidental disconnection. Plastic dust caps are standard on both coupling and nipple (dust caps of aluminium can be ordered separately). The nipple is also available in a design with a hose rupture valve, part no. 10 115 6272. In the event of a ruptured hose the nipple closes and prevents the system from being drained of oil, which could have critical consequences for production and the environment. The hose rupture valve closes when the flow exceeds 13.0 litres/minute (2.86 GPM UK).

Technical data
- Material: Hardened, zinc chromate plated steel
- Max. working pressure: 100 MPa
- Min. bursting pressure: 260 MPa
- Nominal flow diameter: 2.5 mm (3/32")
- Temperature range: -30°C - + 100°C (-20°F - + 210°F)
- Flow capacity at pressure drop 0.4 MPa: 6.0 l/min (1.32 GPM UK)

The nipple should not be loaded while disconnected, see also page 26.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Connection</th>
<th>Length</th>
<th>Diameter</th>
<th>Hexagon</th>
<th>Con. stroke</th>
<th>Weight (g)</th>
<th>Rec. torque (Nm)</th>
<th>Rec. Sealing method</th>
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| Plastic dust cap for couplings |
| Part number 09 115 1002 |

| Plastic dust cap for nipples |
| Part number 09 115 1053 |

Thread connections are listed according to ISO Standards (see Page 23 for more information). All measurements are in mm (Dimension key, see page 25). Pressure conversion table, see page 24. Check with your local retailer for availability and prices.