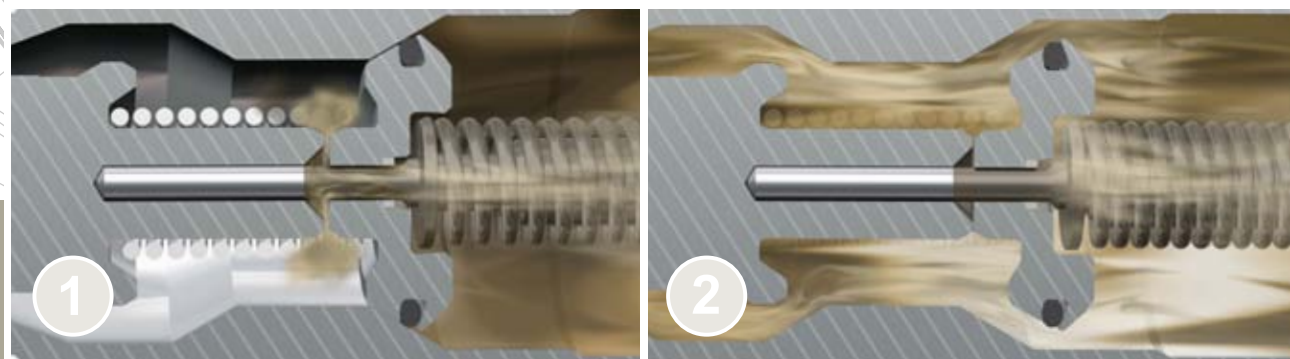




HYDRAULICS

CEJN X64 Range

Superior pressure relief facilitates easy connection with residual pressure in the system



Always Easy to Connect

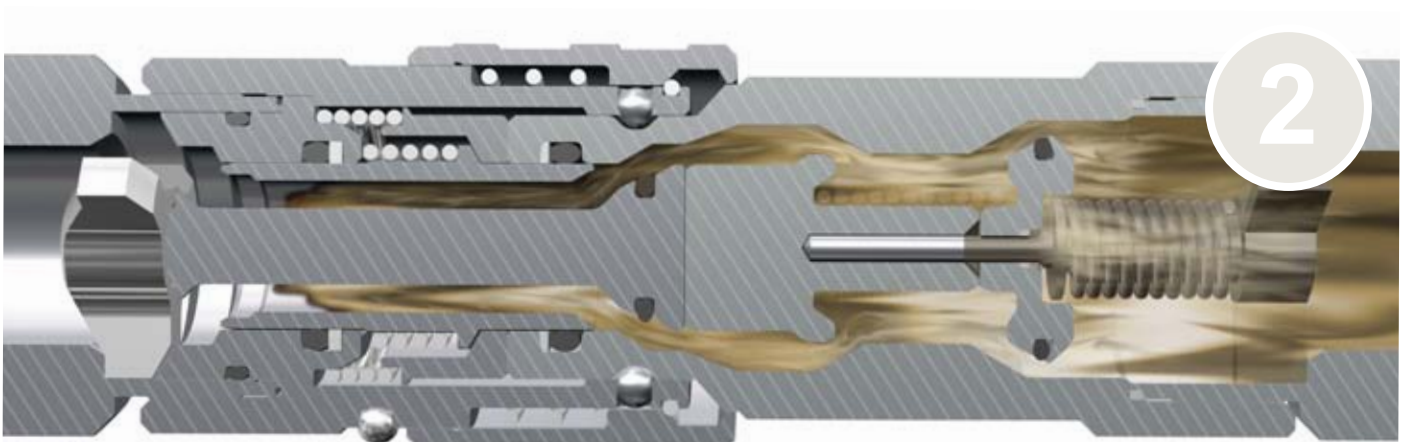
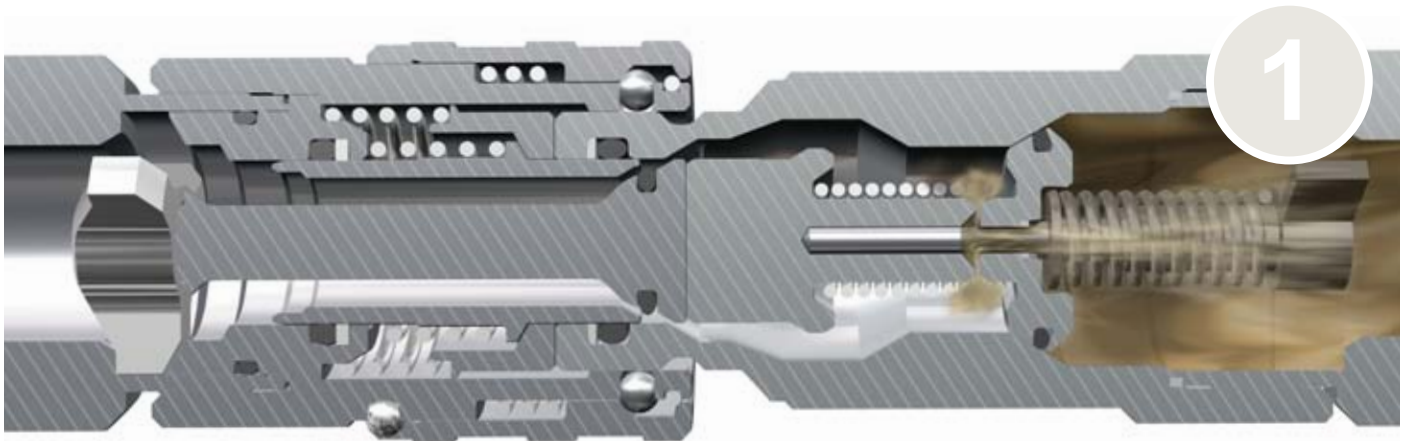
Never again will residual pressure be a problem when you need to connect hydraulic lines

- Flat-Face design
- Connection under pressure
- One-hand operated
- Small dimensions
- Conforms to ISO Standard 16028



With CEJN's X64 range you can easily connect your tools with residual pressure in the system





1. When connected the pressure relief valve opens and the pressure is punctuated. Once the pressure is equalized the nipple is easily connected
2. The coupling and nipple fully connected.

Residual pressure

Residual pressure is mostly caused by expanding oil due to elevated temperatures and results in a substantially increased connection force making the coupling and nipple virtually unconnectable. These types of problems are usually solved by unscrewing some of the threaded connections to bleed out the residual pressure or puncture the pressure by force. In doing so, the surfaces of the coupling or nipple are usually damaged, the frequency of costly down times is increased and the risk of environmentally dangerous leaks becomes higher.

Pressure relief

With a built-in pressure eliminator the residual pressure is punctuated during connection and the pressure is equalized making it possible to connect the hydraulic system without the need for extensive force. Consequently, a fast and easy connection process is ensured and hydraulic spillage is eliminated.

Series X64

– Series 264, 364, 564, 664 and 764

CEJN Series X64 offer quick-connect nipples with a built-in pressure eliminator that does not make their design unnecessarily large and bulky. The pressure eliminator solves problems with high connection force due to residual pressure on the nipple side. It punctures the residual pressure and ensures a low connection force without any hydraulic leakage. The Series are interchangeable with the ISO 16028 Standard and therefore a suitable complement to Series X62 and X65.

The Series are made of plated steel, offered in five sizes ranging from DN 6.3 to DN 19 and are suitable for applications where residual pressure on the nipple side is a problem.



| Technical Data | Series 264 | Series 364 | Series 564 | Series 664 | Series 764 |
|------------------------------------|--|--------------------|--------------------|---------------------|----------------------|
| Nominal flow diameter | 6.3 mm (1/4") | 10 mm (3/8") | 12.5 mm (1/2") | 16 mm (5/8") | 19 mm (3/4") |
| Rated flow | 9 l/min (2.0 GPM) | 19 l/min (4.2 GPM) | 43 l/min (9.5 GPM) | 70 l/min (15.4 GPM) | 105 l/min (23.1 GPM) |
| Max. working pressure connected | 50.0 MPa | 40.0 MPa | 40.0 MPa | 40.0 MPa | 40.0 MPa |
| Max. working pressure disconnected | 50.0 MPa | 40.0 MPa | 40.0 MPa | 40.0 MPa | 40.0 MPa |
| Min. burst pressure connected | 150.0 MPa | 120.0 MPa | 120.0 MPa | 120.0 MPa | 120.0 MPa |
| Min. burst pressure disconnected | 150.0 MPa | 120.0 MPa | 120.0 MPa | 120.0 MPa | 120.0 MPa |
| Temperature range | -30°C – +100°C (-22°F – +212°F) | | | | |
| Material nipple | Hardened steel (zinc passivation) | | | | |
| Material seal | Nitrile (NBR), other sealing materials on request | | | | |
| Connectability | With static pressure up to 50 MPa on the nipple side | | | | |
| Disconnection under pressure | Not allowed | | | | |
| Comment | Connects with couplings from the X65, X66 and X62 range in the corresponding DN size | | | | |

| Nipples with pressure eliminator | | Part No. | Connection | Length | Diameter | Hexagon | Seal |
|----------------------------------|---------------|-----------|------------|--------|----------|---------|------|
| SERIES 264 | Female thread | 102646202 | G 1/4" | 74.4 | 25.2 | 21 | NBR |
| | | 102646402 | 1/4" NPT | 74.4 | 25.2 | 21 | NBR |
| SERIES 364 | Female thread | 103646204 | G 3/8" | 75.9 | 28 | 25 | NBR |
| | | 103646205 | G 1/2" | 79.3 | 28 | 27 | NBR |
| | | 103646404 | 3/8" NPT | 75.9 | 28 | 25 | NBR |
| SERIES 564 | Female thread | 105646205 | G 1/2" | 95.5 | 35.7 | 32 | NBR |
| | | 105646207 | G 3/4" | 97 | 36.7 | 33 | NBR |
| | | 105646405 | 1/2" NPT | 95.5 | 35.7 | 32 | NBR |
| SERIES 664 | Female thread | 106646201 | G 3/4" | 99.5 | 40 | 36 | NBR |
| | | 106646401 | 3/4" NPT | 99.5 | 40 | 36 | NBR |
| SERIES 764 | Female thread | 107646201 | G 3/4" | 132 | 46 | 41 | NBR |
| | | 107646203 | G 1" | 132 | 46 | 41 | NBR |
| | | 107646403 | 1" NPT | 132 | 46 | 41 | NBR |



The Global
Quick Connect Specialist

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