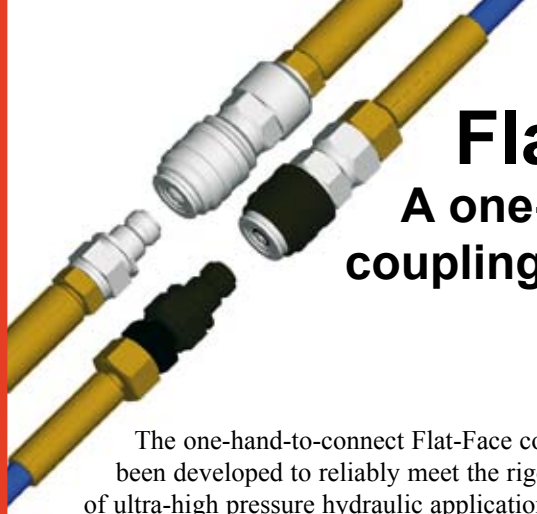


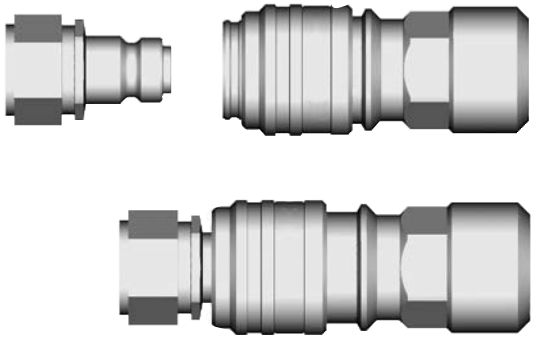
Flat-Face

A one-hand-to-connect, non-drip coupling with built-in safety function

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.

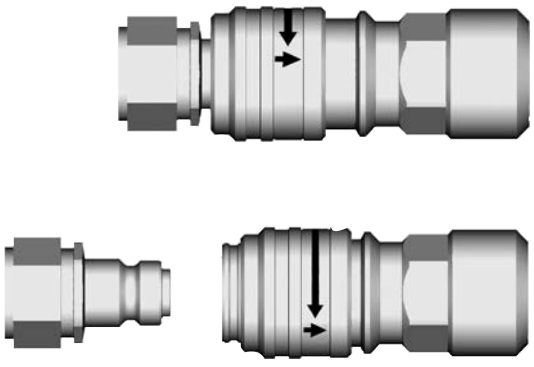
One-hand-to-connect

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



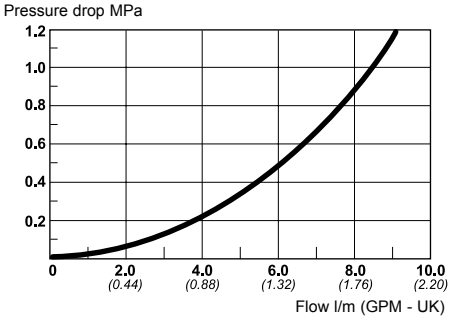
Unique dust cap for nipples, with integrated pressure eliminator

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.



Technical data

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)

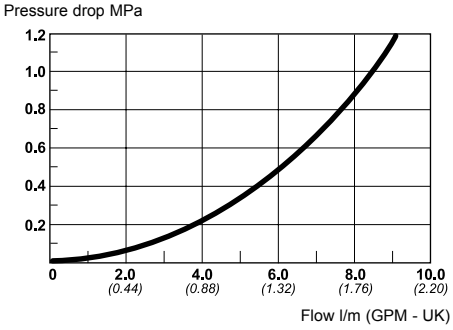
The nipple should not be loaded while disconnected, see also page 26.

		Part No.	Connection	Length	Diamter	Hexagon	Con. stroke	Weight	Rec. torque (Nm)	Rec. Sealing method
COUPLINGS	Female thread	10 115 1200	G 1/4”	70.1	30.0	24	17.3	170	70-80	T

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.



Technical data

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)

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

		Part No.	Connection	Length	Diamter	Hexagon	Con. stroke	Weight	Rec. torque (Nm)	Rec. Sealing method
COUPLINGS	Female thread	10 116 1219	G 1/4”	72.1	30.0	24	17.3	215	40-50	CMS
		10 116 1229	G 3/8”	72.6	30.0	24	17.3	225	70-80	T
		10 116 1419	NPT 1/4”	69.1	30.0	24	17.3	225	50-60	-
		10 116 1429	NPT 3/8”	70.6	30.0	24	17.3	220	70-80	-
	Male thread	10 116 1269	G 1/4”	70.6	30.0	24	17.3	205	50-60	T (1*)
		10 116 1279	G 3/8”	70.6	30.0	24	17.3	210	70-80	T
		10 116 1469	NPT 1/4”	70.6	30.0	24	17.3	200	50-60	-
		10 116 1479	NPT 3/8”	70.6	30.0	24	17.3	210	70-80	-

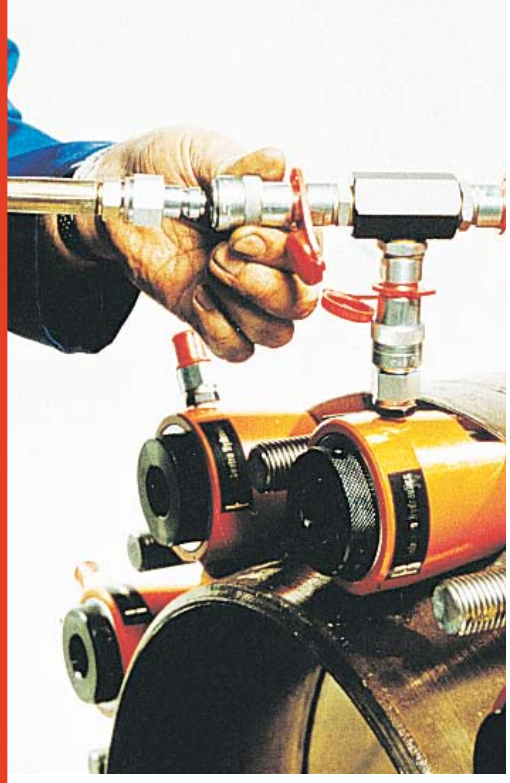
Dust cap in metal for Flat-Face range

For coupling, part no. 10 115 4100

For nipple, part no. 10 115 4101

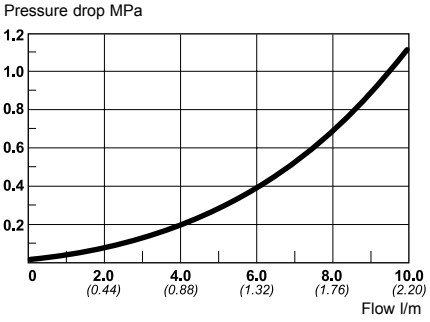
For nipple, with pressure eliminator, part no.10 115 4102

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.

		Part No.	Connection	Length	Diameter	Hexagon	Con. stroke	Weight (g)	Rec. torque (Nm)	Rec. Sealing method
COUPLINGS	Female thread	10 115 1102	Rc 1/4"	59,3	28,0	24	18,3	170	50-60	-
		10 115 1104	Rc 3/8"	60,8	28,0	24	18,3	165	70-80	-
		10 115 1201	G 1/8"	53,8	28,0	24	18,3	155	40-50	T
		10 115 1202	G 1/4"	61,3	28,0	24	18,3	165	40-50	CMS
		10 115 1204	G 3/8"	63,3	28,0	24	18,3	170	70-80	T
		10 115 1222 safety lock	G 1/4"	61,3	28,0	24	18,3	170	40-50	CMS
		10 115 1401	NPT 1/8"	53,8	28,0	24	18,3	155	40-50	-
		10 115 1402	NPT 1/4"	58,3	28,0	24	18,3	165	50-60	-
		10 115 1404	NPT 3/8"	60,3	28,0	24	18,3	165	70-80	-
		10 115 1422 safety lock	NPT 1/4"	58,3	28,0	24	18,3	170	50-60	-
	Male thread	10 115 1252	G 1/4"	61,3	28,0	24	18,3	151	40-50	T
		10 115 1254	G 3/8"	60,8	28,0	24	18,3	155	70-80	T
		10 115 1452	NPT 1/4"	61,8	28,0	24	18,3	150	50-60	-
		10 115 1454	NPT 3/8"	62,3	28,0	24	18,3	155	70-80	-
NIPPLES	Female thread	10 115 6102	Rc 1/4"	36,7	25,4	22	-	60	30-40	-
		10 115 6104	Rc 3/8"	38,0	27,7	24	-	60	40-50	-
		10 115 6201	G 1/8"	33,3	19,6	17	-	40	40-50	T
		10 115 6202	G 1/4"	38,0	25,4	22	-	60	40-50	CMS
		10 115 6204	G 3/8"	39,5	27,7	24	-	65	70-80	T
		10 115 6401	NPT 1/8"	33,3	19,6	17	-	40	30-40	-
		10 115 6402	NPT 1/4"	35,7	25,4	22	-	55	30-40	-
		10 115 6404	NPT 3/8"	37,0	27,7	24	-	65	40-50	-
	Male thread	10 115 6152	R 1/4"	62,5	25,4	22	-	110	50-60	-
		10 115 6154	R 3/8"	63,0	25,4	22	-	115	70-80	-
		10 115 6212	G 1/4"	50,0	25,4	22	-	80	40-50	T
		10 115 6272 hose rupture valve	G 1/4"	52,0	25,4	22	-	85	40-50	T
		10 115 6452	NPT 1/4"	61,5	25,4	22	-	105	50-60	-
		10 115 6454	NPT 3/8"	62,1	25,4	22	-	115	70-80	-

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.