



CEJN
Connessioni idrauliche
Prodotti idraulici



 HYDRAULIC
COMPONENTS
& FLUID CONTAMINATION
CONTROL



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Hydraulic Products

Reliable products with smart solutions for all applications

A tough work environment requires high quality products to count on in all situations. The need to connect components quickly safely and securely exists in all industries and is becoming more important. CEJN's hydraulic range is suitable for applications with operating pressures up to 720 bar (10 440 PSI) for both industrial and mobile hydraulics.

FLAT FACE QUICK CONNECT COUPLINGS – FOR A CLEAN AND LEAK FREE HYDRAULIC SYSTEM

By using our flat face X-series (ISO16028), our heavy duty screw to connect TLX series or our multi-connection system Multi-X you minimize contamination in your hydraulic system, avoid pollution of the environment as you don't have spillage at disconnection and at the same time you have in all cases a coupling solution with the highest performance on the market to withstand the toughest applications. These product series are designed to meet and exceed the demands of even the most challenging hydraulic applications. With these products you also have the possibility to get additional features, like the possibility to connect with residual pressure.

WEO PLUG-IN – THE CLEAN AND LEAK FREE HIGH PERFORMANCE FITTING

In addition our hydraulic range also offers WEO Plug-In fittings, a perfect replacement for ordinary screw fittings especially in applications where you have problems with leakage, short life time on hoses, space problems etc. WEO can also be used for streamlining the hydraulic hose assembly as it will cut down assembly time radically and at the same time improve the quality on your product as it extends the hose life due to its self-aligning feature. In addition you will get a clean and leak free hydraulic system. With WEO you simply plug the fitting into the hydraulic system and if you need to disconnect, only a regular screwdriver is needed. No wonder so many have invested in our WEO Plug-In technology.

CONVENTIONAL QUICK CONNECT COUPLINGS AND TEST POINT SYSTEMS

With the CEJN unique Classic range and the Nordic range we have two lines of high performance conventional quick connect couplings. The unique features of the Classic range is the small outer dimensions and the extremely low connection force. The Nordic range is a poppet style coupling with some unique features and with an in general better performance than both ISO-A and ISO-B couplings. CEJN has two different test point systems, the CEJN unique quick connect style Snap-Check and the screw to connect style Press-Check (ISO 15171-2).

X65 Range - Premium ISO 16028 Flat-Face Quick Couplings

- Minimize contamination of your hydraulic system
- Spill free disconnection
- High performance
- Connect under residual pressure, only limited by your strength

Body Size			Type	Flow rate @ ΔP = 3 bar		Max. working pressure		Material	Seal
Inch	Nom. Dia	Dash		(l/min)	(GPM)	(bar)	(PSI)		
1/8"	5	-02	SERIES 165	7.5	2.0	720	10442	Steel	NBR/PUR
1/4"	6.3	-04	SERIES 265	24	6.3	500	7251		
3/8"	10	-06	SERIES 365	44	11.6	400	5801		
1/2"	12.5	-08	SERIES 565	93	24.6	400	5801		
5/8"	16	-10	SERIES 665	139	36.7	400	5801		
3/4"	19	-12	SERIES 765	188	49.7	400	5801		
1"	25	-16	SERIES 065	330	87.2	350	5076		



X64 Range - ISO 16028 Flat-Face Pressure Eliminator Nipples

- Connection under high residual pressure
- Minimize contamination of your hydraulic system
- Spill free disconnection
- High performance

Body Size			Type	Flow rate @ ΔP = 3 bar		Max. working pressure		Material	Seal
Inch	Nom. Dia	Dash		(l/min)	(GPM)	(bar)	(PSI)		
1/4"	6.3	-04	SERIES 264	20	5.3	500	7251	Steel	NBR/PUR
3/8"	10	-06	SERIES 364	44	11.6	400	5801		
1/2"	12.5	-08	SERIES 564	77	20.3	400	5801		
5/8"	16	-10	SERIES 664	116	30.6	400	5801		
3/4"	19	-12	SERIES 764	171	45.2	400	5801		
1"	25	-16	SERIES 064	290	76.6	350	5076		



X66 Range - ISO 16028 Flat-Face Stainless Steel

- All metal components made of AISI 316 stainless steel
- Minimize contamination of your hydraulic system
- Spill free disconnection
- High performance

Body Size			Type	Flow rate @ ΔP = 3 bar		Max. working pressure		Material	Seal
Inch	Nom. Dia	Dash		(l/min)	(GPM)	(bar)	(PSI)		
1/4"	6.3	-04	Series 266	24	5.3	250	3625	Stainless steel, AISI 316	Viton (FPM)
3/8"	10	-06	Series 366	44	9.7	250	3625		
1/2"	12.5	-08	Series 566	93	20.5	250	3625		
3/4"	19	-12	Series 766	188	41.4	250	3625		



X-Series Accessories

For the X-series we have plastic dust caps, flip dust caps and seal kits available. The dust caps are an important part in prolonging the couplings life time and to avoid contamination in your hydraulic system. The seal kits consists of a PUR seal or one o-rings and one backup, depending on model, for replacement of the front seal in the nipples. The flip dust caps are in general intended for fixed mounted couplings in applications where you want be sure that the dust cap is on when the coupling is disconnected. Flip dust caps are available in the sizes 3/8" and 1/2".



TLX Couplings & Nipples

TLX is a Flat-Face twist lock coupling for the toughest applications in the construction and demolition segment. This super-duty quick connect coupling is designed to work with the highest surge flows and the toughest pressure impulses. TLX is made from high alloy steels with Zinc-Nickel surface treatment for a long life in the harshest conditions. The Series is available in sizes from 3/8" to 1 1/2" to cover most applications.



Accessories for the TLX-Series products.

- Dust caps - plastic with wire harness
- Mounting bracket for TLX
- Monkey Wrench
- Locking pin replacement
- Seal kits

Body Size		Type	Flow rate @ ΔP = 3 bar		Max. working pressure		Material	Seal
Inch	Dash		(l/min)	(GPM)	(bar)	(PSI)		
3/8"	-06	Series 307	40	8.8	420	6091	High alloy steels with Zinc-Nickel surface	Nitrile (NBR)
1/2"	-08	Series 507	93	20.5	420	6091		
3/4"	-12	Series 607	169	37.2	420	6091		
1"	-16	Series 707	291	64.0	420	6091		
1 1/4"	-20	Series 807	400	88.0	420	6091		
1 1/2"	-24	Series 907	740	162.8	380	5511		

Nordic Range / 525 - High Performance Poppet Type Couplings

- Double sealing feature - no spray at connection
- High durability
- Extra security locking ring
- Optional pressure eliminator on both coupling and nipple

Body Size			Type	Flow rate @ ΔP = 3 bar		Max. working pressure		Material	Seal
Inch	Nom. Dia	Dash		(l/min)	(GPM)	(bar)	(PSI)		
1/4"	6.3	-04	SERIES 525, DN6.3	24	6.3	450	6526	Steel (zinc-nickel)	NBR
3/8"	10	-06	SERIES 525, DN10	53	14.0	350	5076		
1/2"	12.5	-08	SERIES 525, DN12.5	108	28.5	300	4351		
3/4"	20	-12	SERIES 525, DN20	214	56.5	280	4061		
1"	25	-16	SERIES 525, DN25	322	85.1	250	3625		



Nordic Range / 526 - Stainless steel High Performance Poppet Type Couplings

- Double sealing feature - no spray at connection
- Extra security locking ring
- All metal components made of AISI 316 stainless steel

Body Size			Type	Flow rate @ ΔP = 3 bar		Max. working pressure		Material	Seal
Inch	Nom. Dia	Dash		(l/min)	(GPM)	(bar)	(PSI)		
1/4"	6.3	-04	SERIES 526, DN6.3	24	6.3	250	3625	Stainless steel	FPM
3/8"	10	-06	SERIES 526, DN10	53	14.0	300	4351		
1/2"	12.5	-08	SERIES 526, DN12.5	108	28.5	300	4351		
3/4"	20	-12	SERIES 526, DN20	214	56.5	200	2900		
1"	25	-16	SERIES 526, DN25	322	85.1	200	2900		



Nordic Range Accessories

Included as accessories in the Nordic range are dust caps for both couplings and nipples and seal kits for couplings. The dust caps can be joined together when the coupling and nipple are connected. This keeps the dust caps clean, which prevents dust and debris from entering the system. The seal kits contain two O-rings and a backup ring for replacing the outer seals in the coupling.



CEJN reserves the right to make changes without further notification. Thread connections are listed according to ISO Standards. Other connections and sealing material on request. Check with an authorized CEJN distributor for availability and prices. Some part numbers may be subject to minimum order quantities. Please visit our website, www.cejn.com, for general maintenance tips. All measurements are in mm.

Multi-X Range

- Compact design
- Great flexibility and high performance
- Easy and ergonomic to maneuver - perpendicular lever movement
- Connect with residual pressure



Multi-X Duo - Unique Multi solution for two lines

No. of lines	Body Size			Type	Max. working pressure		Material	Seal
	Inch	ISO	Dash		(bar)	(PSI)		
2	3/8	10	-06	Multi-X Duo 10	350	5076	Alu/Steel	NBR/PUR
	1/2"	12.5	-08	Multi-X Duo 12.5	350	5076		
1+1	1/2"	12.5	-08	Multi-X Duo 12.5/19	350	5076		
	3/4"	19	-12		350	5076		
2	3/4"	19	-12	Multi-X Duo 19	350	5076		
	1	25	-16	Multi-X Duo 25	350	5076		



Multi-X Trio - Unique Multi solution for three lines

No. of lines	Body Size			Type	Max. working pressure		Material	Seal
	Inch	ISO	Dash		(bar)	(PSI)		
3	1/2	12.5	-08	Multi-X Trio 12.5	350	5076	Alu/Steel	NBR/PUR



Multi-X Quattro - Unique Multi solution for four lines

No. of lines	Body Size			Type	Max. working pressure		Material	Seal
	Inch	ISO	Dash		(bar)	(PSI)		
4	3/8"	10	-06	Multi-X Quattro 10	350	5076	Alu/Steel	NBR/PUR
2+2	3/8	10	-06	Multi-X Quattro 10/12.5	350	5076		
	1/2"	12.5	-08		350	5076		
4	1/2"	12.5	-08	Multi-X Quattro 12.5	350	5076		
2+2	1/2"	12.5	-08	Multi-X Quattro 12.5/19	350	5076		
	3/4"	19	-12		350	5076		



Multi-X Hexa - Unique Multi solution for six lines

No. of lines	Body Size			Type	Max. working pressure		Material	Seal
	Inch	ISO	Dash		(bar)	(PSI)		
6	3/8"	10	-06	Multi-X Hexa 10	350	5076	Alu/Steel	NBR/PUR

Multi-X Accessories and Spare Parts

For the Multi-X range there is a number of different accessories available to adapt Multi-X to your application and give as many benefits as possible. You can add electric connectors, heavy duty parking docks and covers. We also have a full range of spare parts for quick and easy repair if a component is worn out or there has been an accidental damage on a component.



ADX series

- Flat-Face design for heavy duty Auto-Dock applications
- Extreme surge flow resilience
- Flexible mounting for automated multi-plates

CEJN ADX Series is a hydraulic Flat-Face auto-connect coupling specifically made for custom auto-dock solutions. A perfect solution for everybody that design their own automated hydraulic connection on excavator quick couplers, tractor attachments, wheel loader attachments or other mobile hydraulic applications. ADX is a true heavy duty coupling that can handle connection with pressure in the system and that is extremely resilient to surge flow. The ADX design is generic to fit different solutions on mounting and mechanical solutions on the auto-dock multi-plate. The flexible mounting gives a tolerance for certain misalignment in the connection phase as the couplings will self-align. ADX is made from high alloy steels with Zinc-Nickel surface treatment for a long life in the harshest conditions.



Snap-Check Monitoring System

Snap-Check / 358 - Quick Connect Pressure Testing

The Snap-Check pressure testing system easily monitors and diagnoses fluid systems. It identifies operating pressure surges without the need for a permanently installed gauge. The maximum working pressure of 600 bar (8700 psi) ensures extra long, leak free service and unsurpassed reliability. The system features quick to connect couplings and nipples. Also available are hoses, gauges and a sturdy carrying case.



Press-Check Monitoring System

Press-Check / 359 - Screw to Connect Pressure Testing (ISO 15171-2)

The Press-Check pressure testing system easily monitors and diagnoses fluid systems. It identifies operating pressure surges without the need for a permanently installed gauge. The Press-Check system features screw-to-connect couplings and nipples in a wide range of connections. Available are also hoses, fittings, gauges and dust caps.



WEO Plug-In

WEO Plug-Ins have click-to-connect and self-aligning features that make them easy to install in hydraulic systems. In addition, work injuries associated with connection/disconnection and follow-up tightening/untightening are eliminated. With the simple connection and disconnection of the WEO fittings, only a common screwdriver is needed for service or assembly replacements.

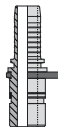


Nipples

Series 710

Straight, Nipple with Hose Connection

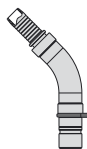
Series 710 features Plug-In nipples with straight hose connections for one/two wire braided hydraulic hose in sizes 1/4" to 1"



Series 712

45°, Nipple with Hose Connection

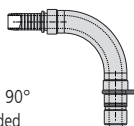
Series 712 features Plug-In nipples with 45° hose connections for one/two wire braided hydraulic hose in sizes 1/4" to 3/4"



Series 714

90°, Nipple with Hose Connection

Series 714 features Plug-In nipples with 90° hose connections for one/two wire braided hydraulic hose in sizes 1/4" to 3/4"



Series 721

Female G-Thread

Series 721 features Plug-In nipples with female G-Thread (ISO 228/1) in size 3/8" to 3/4"



Series 722

Double Nipples

Series 722 features Plug-In nipples in size 1/4" to 1"



Series 723

Male Blind Plug

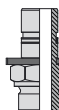
Series 723 features Plug-In blind nipples in size 1/4" to 1"



Series 724

Male G-Thread

DIN 3852-2 Type A
Series 724 features Plug-In nipples with male G-Thread (ISO 228/1) in size 1/4" to 1"

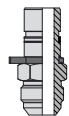


Series 727

Male UNF-Thread

ISO 8434-2 (JIC 37°- SAE J514)

Series 727 features Plug-In nipples in size 1/4" to 3/4"



Series 729

Female NPTF-Thread

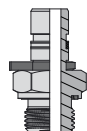
Series 729 features Plug-In nipples in size 3/8" to 3/4"



Series 744

Male G-Thread, Integral NBR Rubber Seal ISO 1179-2

Series 744 features Plug-In Nipples with male G-thread (ISO 228/1) in size 1/4" to 1"



WEO Plug-In

Couplings

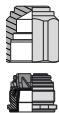
Series 810

Male G-Thread DIN 3852-2 Type A
Series 810 features Plug-In couplings with male G-thread (ISO 228/1) in sizes 1/4" up to 1"



Series 811

Female Blind Plug
Series 811 features Plug-In blind coupling in sizes 1/4" up to 1"



Series 824

Male 37° cone, Male UNF-Thread ISO 8434-2 (JIC 37°- SAE J514)
Series 824 features Plug-In couplings with UNF-thread in sizes 1/4" up to 3/4"



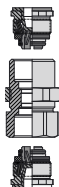
Series 832

Male G-Thread, Integral NBR Rubber Seal ISO 1179-2
Series 832 features Plug-In couplings with male G-thread (ISO 228/1) with integral rubber seal in sizes 3/8" up to 1/2". Space saving round coupling housing with hexagon socket drive.



Series 813

Bulkhead, male M-Thread
Series 813 features Plug-In bulkhead couplings in sizes 1/4" up to 1"



Series 826

Male UNF-Thread, O-Ring Boss ISO 11926-3 (SAE J1926-3 / former SAE J514 ORB)
Series 826 features Plug-In couplings with O-ring Boss in sizes 1/4" up to 1". Including NBR O-ring.



Series 837

Male M-Thread, Integral NBR Rubber Seal ISO 9974-2
Series 837 features Plug-In couplings with male M-thread with integral rubber seal in sizes 1/4" up to 1/2", including seal



Series 817

Straight Hose Connection
Series 817 features Plug-In couplings with straight hose connections for one/two wire braided hydraulic hose in sizes 1/4" up to 1"



Series 830

Male G-Thread, Integral NBR Rubber Seal ISO 1179-2
Series 830 features Plug-In couplings with male G-thread (ISO 228/1) with integral rubber seal in sizes 1/4" up to 1"



Series 840

Female G-Thread
Series 840 features Plug-In couplings with female G-thread (ISO 228/1) in sizes 1/4" up to 3/4"



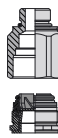
Series 822

Female 24° cone, Male M-Thread ISO 8434-1
Series 822 features Plug-In couplings in sizes 1/4" up to 3/4"



Series 831

Male M-Thread, O-Ring Boss ISO 6149-3
Series 831 features Plug-In couplings with male metric thread in sizes 1/4" up to 3/4". Including NBR O-ring.



Series 850

Female ORFS, UNF-Thread ISO 8434-3
Series 850 features Plug-In couplings with female O-ring face seal connectors in sizes 1/4" up to 3/4"



WEO - Cartridge - Series 800

- Plug-In Cartridge
- Working Pressure up to 350 bar (5075 PSI)

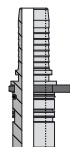
Series 800 features Plug-In Cartridge in sizes 1/4" to 3/4"



WEO - Swivel - Serie 860

- Plug-In swivel couplings
- External G-thread with internal rubber seal
- Working pressure up to 350 bar (5000 PSI)
- Swivel freely

Series 860 features Plug-In swivel couplings with male G-thread (ISO 228/1) with internal rubber seal in sizes 3/8" up to 1". Only to be used with Series 716 nipples.



Series 716 – Straight Hose Connection

Series 716 features Plug-In nipples with straight hose connections for one/two wire braided hydraulic hose in sizes 3/8" to 1". This nipple series is specifically made to correspond to the WEO Plug-In swivel Series 860.

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