



The Global Quick Connect Specialist

– High Quality Quick Connect Components for All Media

CEJN



With over 60 years in business CEJN can be found in every corner of the world and we're proud to say we're still "Made in Sweden".



The Key to Leadership is our Mindset

We have maintained our roots in the heart of Sweden throughout our expansion to other markets worldwide. Born and developed through Swedish ingenuity, we have a heritage to be proud of. "Made in Sweden" is, for us, a seal of high industrial quality. Add "by CEJN", and you get the assurance of quality and superior performance.

OUR PRODUCTS

Our core products are quick connect couplings and nipples for all types of media, from compressed air to gas, breathing air, fluids and hydraulic oil. Regardless of market segment, you can find our products in such diverse fields as agriculture, automotive, construction, off-shore, medical, marine, transportation, wind power and rescue, just to mention a few industries.

CEJN - A GLOBAL COMPANY

Being one step ahead demands being one step closer to the market - a key reason why CEJN has a local presence across the globe. Our local sales offices extend the technical know-how of our hub, offer on-location product support, and on-time deliveries to our customers in all major industrial markets. With over 60 years in business developing, manufacturing and selling products for all types of media to every corner of the world, our products ensure quality and superior performance to guarantee professional use and customer benefit.



Content

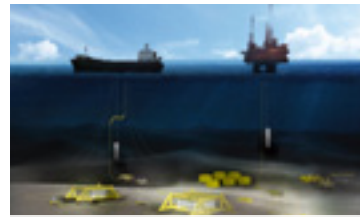
ENGINEERING SOLUTIONS	4
PNEUMATIC PRODUCTS.....	6
BREATHING AIR PRODUCTS	13
ULTRA HIGH-PRESSURE HYDRAULIC PRODUCTS	16
THERMAL CONTROL PRODUCTS.....	20
FLUID PRODUCTS.....	23
HYDRAULIC PRODUCTS.....	27
MULTI & AUTO PRODUCTS	33
GAS PRODUCTS.....	35

Engineering Solutions

- Using Quick Connect Technology



TLX
Stainless steel screw-to-connect hydraulic coupling for winch applications in marine environments.



Tough challenges for Multi-X at 3000m depth



YouTube CEJN offshore ROV connection



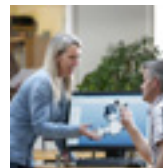
Multi-X Quattro
A Multi-X in aluminium and stainless steel (AISI 316) for offshore and industrial applications.

The process from idea to finished product



Customer Request

Product features, application environment and other important variables are specified.



Design and Prototype

CEJN engineers and application experts work closely with customers during product design. A prototype is produced for review and ongoing development.



Testing

CEJN's field testing takes place in tough environments and test results are then compared to CEJN's laboratory tests before being approved for production.



Quality Control

Routine audits as well as functional tests are frequently conducted for each project to guarantee safety and quality.

Engineering by CEJN

CLOSE TO YOUR BUSINESS, FAST TO RESPOND

For us, close cooperation with the customer is essential for a successful project. CEJN's skilled Application Experts translate customer needs into viable product solutions, while the Design Engineer is the source for custom-made prototypes, small batch runs and special materials. Then, the vision is transformed into a physical product using our ultra-modern CNC machines, followed by stringent testing in our laboratory before delivery to you. The quality of tools has a direct link to the quality of the work they perform. Since 1955, that fact has been the driving force behind CEJN's commitment to providing customers with pneumatic tools that are a real standout in performance, craftsmanship and durability.

CEJN's wide range of standard quick connect products together with our 60 years of experience provides you with invaluable resources – all under one roof. Following initial contact we'll put you in touch with our Engineering department at one of our Design Centers. Your project will have a designated Design Engineer and Application Expert who will work closely with you throughout the development process: from idea to finished product.

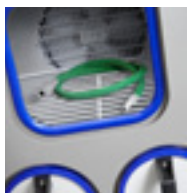
In-house laboratory for product testing and verification



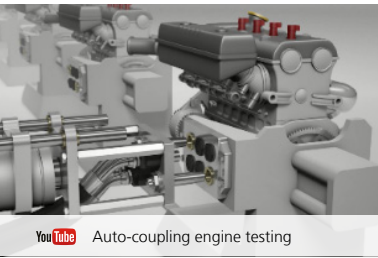
Flow test stands for hydraulic oil and water, capacity up to 300 l/min



Impulse pressure test stand up to 4000 bar



Climate chamber for temperature test



Auto-coupling engine testing

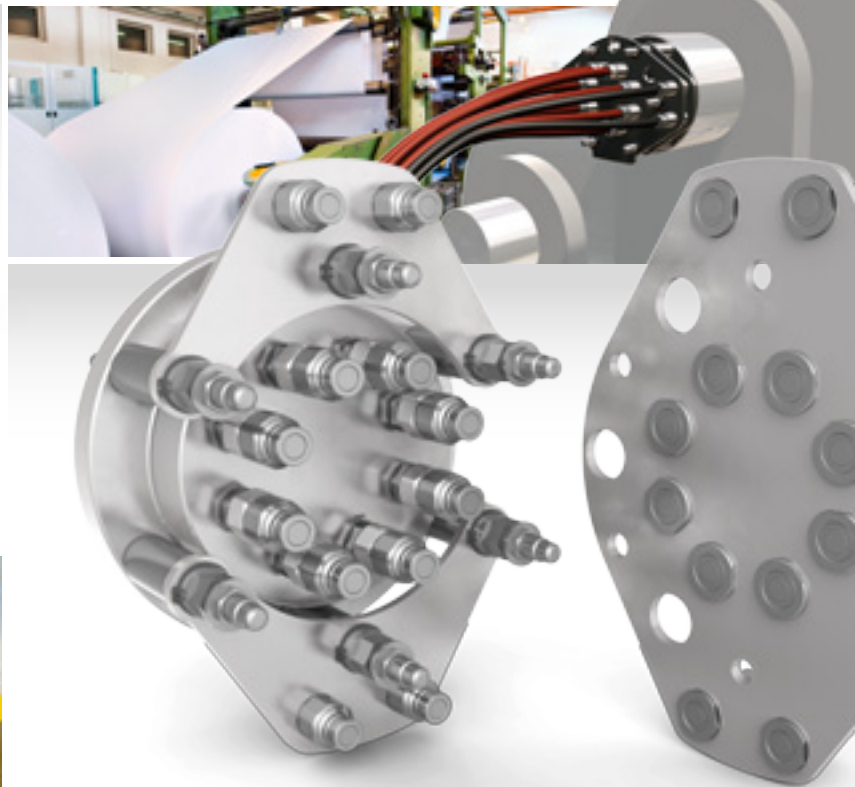
DN 3 Auto-Coupling

CEJN's smallest coupling for electronic cooling.



Coupling Bracket

Produced using rapid prototype technology for small batch production.



Multi-Coupling for Paper Machines

Manual plate to connect 8 x Series 665 and 4 x Series 565. The couplings are made of stainless steel.



Multi-Coupling Pressplate

For hydraulics and cooling water in press hardening applications.



Auto-Coupling Manifold

Stainless steel manifold of quick connect couplings with an integrated filter for cooling of welding robots.



P8 Multi-Coupling

Multi-Coupling used to connect hot water, compressed air and electricity supply to parked vehicles.



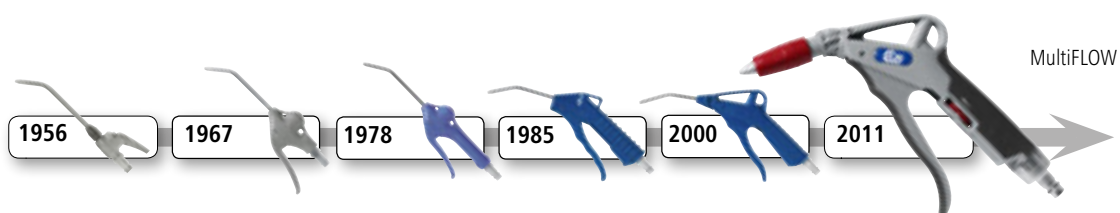
Pneumatic Products

Synonymous with quality, high performance and safety

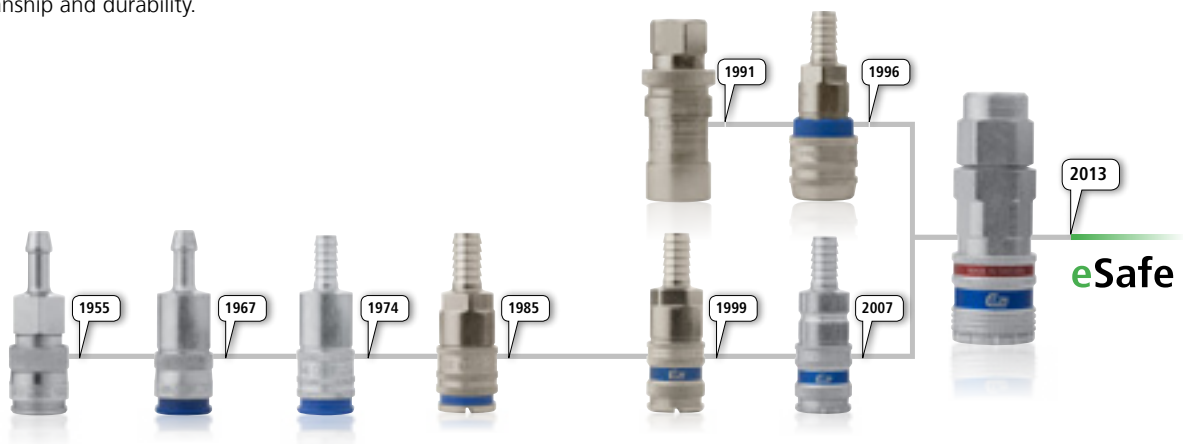
Designed and produced in Sweden, CEJN pneumatic products are the high quality choice for industries and workshops that want the best professional option on the market. Our pneumatic products result in significant reduction in energy consumption and secured tool performance. The functional design is based on genuine usability conditions, exacting standards, long service life and low maintenance costs.

ALWAYS AT THE TOP

At CEJN we have produced pneumatic products for over 60 years and our product line includes the world's best performing products such as quick connect couplings and nipples, air and fluid guns, polyurethane hose, lightweight and heavy-duty hose, hose and cable reels and accessories. Our modernized hose reel range was released in 2010 and we are confident that it is our constant strive to improve that keeps us on the top.



The quality of tools has a direct link to the quality of the work they perform. Since 1955, that fact has been the driving force behind CEJN's commitment to providing customers with pneumatic tools that are a real standout in performance, craftsmanship and durability.



Series 300 (ARO 210 Standard, 5.5 mm)**eSafe**

- **Vented safety function**
- **High flow capacity**
- **Strong and durable**

DN 5.5 mm (7/32"). Flow capacity of 1,050 l/min (37.1 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. Complies with safety standards ISO 4414 and EN 983. Interchangeable with Parker Rectus 14/22, Prevost ASI06, Hansen 210, Orion 44150/44515.



This series includes safety products. +

Series 310 (ISO 6150 B, A-A 59439 5.3 mm)**eSafe**

- **Vented safety function**
- **High flow capacity**
- **Strong and durable**

DN 5.3 mm (7/32"). Flow capacity of 950 l/min (33.6 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. ISO 6150 B Standards, A-A 59439 (former U.S. Standard MIL C 4109 1/4"). Complies with safety standards ISO 4414 and EN 983. Interchangeable with Atlas Copco QIC8, Parker Rectus 23/24, Parker Tema 1400/1423, Prevost ISC06/ISI06, Foster 3003, Oetiker B1, Hansen 3000



This series includes safety products. +

Series 315 (Asian standard, 7.5 mm)**eSafe**

- **Vented safety function**
- **Extremely high flow capacity**
- **Strong and durable**

DN 7.5 mm (5/16"). Flow capacity of 1,950 l/min (68.8 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. Asian standard profile with a wide range of connections. Complies with safety standards ISO 4414 and EN 983. Interchangeable with Nitto Kohki 20/30/40, Daisen 23 SF/SOF, Parker Rectus 13, Prevost OSG/ORG 08, Hansen CHS 03 F



This series includes safety products. +

Series 320 (CEJN Original, Eurostandard 7.4 mm)**eSafe**

- **Vented safety function**
- **Extremely high flow capacity**
- **Strong and durable**

DN 7.6 mm (5/16"). Flow capacity of 2,250 l/min (79.5 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. CEJN original standard, Eurostandard 7.6 (7.4) Complies with safety standards ISO 4414 and EN 983. Interchangeable with Parker Rectus 25/26, Parker Tema 1600/1625, Prevost ESC07/ERC07/ESI07/ISC08, Oetiker SC C, Hansen Auto-Flo 24



This series includes safety products. +

Series 410 (CEJN Original, Eurostandard 10.4 mm)**eSafe**

- **Vented safety function**
- **Extremely high flow capacity**
- **Strong and durable**

DN 10.4 mm (13/32"). Flow capacity of 4,000 l/min (141.3 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. CEJN original standard 7.6 (7.4), Eurostandard 10.4. Complies with safety standards ISO 4414 and EN 983. Interchangeable with Parker Rectus 27, Parker Tema 1700/1727, Parker PEF (52/113)



This series includes safety products. +

Series 430 (ISO 6150 B, A-A 59439 8.2 mm)**eSafe**

- **Vented safety function**
- **High flow capacity**
- **Strong and durable**

DN 8.2 mm (5/16"). Flow capacity of 2500 l/min (88.3 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. ISO 6150 B Standards, A-A 59439 (former U.S. Standard MIL C 4109 3/8"). Complies with safety standards ISO 4414 and EN 983. Interchangeable with Parker 25F, Foster 4404, Hansen 4000



This series includes safety products. +

Series 550 (ISO 6150 B, A-A-59439 11 mm)**eSafe**

- **Vented safety function**
- **One hand operated**
- **Extremely high-flow capacity**

DN 11 mm (7/16"). Flow capacity of 4050 l/min (143.0 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. Standards ISO 6150 B and A-A-59439 (former U.S. Standard MIL C 4109 1/2"). Complies with safety standards ISO 4414 and EN 983.



This series includes safety products. +

Series 141 (CEJN Original 2.5 mm)**Standard**

- **Extremely small external dimensions**
- **One-hand operated**
- **Suitable for several media**

DN 2.5 mm (3/32"). Flow capacity of 86 l/min (3.0 CFM). Max working pressure 10 bar (150 PSI). Made of chrome-plated brass. Suitable for compressed air, fluid and vacuum applications.!



Series 220 (CEJN Original, 5 mm)

Standard

- **High flow capacity**
- **Small external dimensions**
- **One-hand operated**

DN 5 mm (3/16"). Flow capacity of 580 l/min (20.5 CFM). Max working pressure 35 bar (510 PSI). Made of nickel-plated steel. Suitable for compressed air, fluid and vacuum applications.



Series 315 (Asian Standard, 7.5 mm)

Standard

- **Extremely high flow capacity**
- **Low connection force**
- **One-hand operated**

DN 7.5 mm (5/16"). Flow capacity of 1,950 l/min (68.8 CFM). Max working pressure 16 bar (230 PSI). Made of zinc-plated steel/brass. Asian standard profile with a wide range of connections. Couplings with high flow and low connection force. Interchangeable with Nitto Kohki 20/30/40, Daisen 23 SF/SOF, Rectus 13, Prevost OSG/ORG 08, Hansen CHS 03 F



Series 326 (CEJN Original, Eurostandard, 7.4 mm)

Standard

- **Handles tough environments**
- **One-hand operated**
- **Dust caps included as standard**

DN 6.2 mm (1/4"). Flow capacity for the single-shut off version of 28 l/min (6.2 GPM UK). Max working pressure 70 bar (1015 PSI). Made of stainless steel (AISI 316) with NBR or FPM seal. Available in single and double shut-off versions.. Interchangeable with Rectus 25/26, Tema 1600/1625, Prevost ESC07/ERC07/ESI07/ISC08, Oetiker SC C, Hansen Auto-Flo 24



Series 342 (CEJN Original, 7.4 mm, Safetylock)

Safety Lock

- **Automatic safety-locking feature**
- **Extremely high flow capacity**
- **One-hand operated**

DN 7.4 mm (9/32"). Flow capacity of 1,950 l/min (68.8 CFM). Max working pressure 35 bar (510 PSI). Made of zinc-plated steel. The automatic safety-locking feature prevents unintentional disconnection. Interchangeable with Parker Rectus 95/96



Series 442 (CEJN Original, 10.4 mm, Safetylock)

Safety Lock

- **Automatic safety-locking feature**
- **Extremely high flow capacity**
- **One-hand operated**

DN 10.4 mm (13/32"). Flow capacity of 3950 l/min (139.4 CFM). Max working pressure 35 bar (508 PSI). Made of zinc-plated steel/brass. The automatic safety-locking feature prevents unintentional disconnection.



Button Style Couplings & Nipples

Vented Safety

- **Compact design**
- **Complies with safety standard ISO 4414**
- **Disconnection in two stages**

Series 291 DN 5.5 mm (7/32"). Flow capacity of 640 l/min (22.6 CFM). Max working pressure 12 bar (170 PSI). Made of steel. Button style coupling. ISO 6150 C.

Series 381 DN 8 mm (5/16"). Flow capacity of 1,050 l/min (37.1 CFM). Max working pressure 10 bar (150 PSI). Made of steel. Button style coupling. ISO 6150 C.

Series 471 DN 11 mm (7/16"). Flow capacity of 2,350 l/min (83.0 CFM). Max working pressure 8 bar (116 PSI). Made of steel. Button style coupling. ISO 6150 C.



This series includes safety products.

Soft-Line Couplings

Soft-Line

- **Extremely high flow capacity**
- **Easy to connect**
- **Strong and durable**

eSafe™

300, 310, 315 & 320



CEJN Soft-Line "softens" the edges of quick connect couplings, making them non-abrasive and less likely to cause damage to surrounding components and surfaces. They also protect couplings from impact, prolonging the service life of the couplings.

Soft-Line Accessories

The accessory covers are designed to be added onto couplings to "soften" the edges of quick connect couplings, making them non-abrasive and less likely to cause damage to surrounding components and surfaces.



Multi-Link Systems

- **Compact multiple outlets**
- **Ready-made units, no assembly necessary**
- **Safety function to reduce noise and prevent recoil accidents**

The Multi-Link integrated quick connect couplings come in units of 1 to 5 outlets. The units can also easily be connected to create more access points. Ideal for uncluttering existing work areas or to create new flexible work stations. The integrated couplings provide flexibility and high performance, the design allows for a large number of outlets without restricting the flow with T-connections, bends or elbows. Combine with our high quality polyurethane hose to create a flexible high performance air distribution system.

This series includes safety products.

eSafe™

Series 300

Series 310

Series 315

Series 320



Femal Adapter

Multi-Link

Straight Braided PUR Hose

- **Light and flexible**
- **Excellent resistance to oil, solvents, and other non-aqueous solutions**
- **Long service life with outstanding aging qualities**

CEJN straight braided hose is an excellent choice for applications requiring a maximum working pressure up to 16 bar (232 PSI). It offers a wide temperature range and high tensile, tear, and impact strength. The hose easily springs back to its original form and has excellent abrasion resistance.



Straight Non-Braided PUR Hose

- **Suitable for push-to-connect fittings**
- **Excellent resistance to oils, solvents, and other non-aqueous solutions**
- **Long service life with outstanding aging qualities**

Light and flexible hose with working pressure of 10 bar. High tensile, tear and impact strength. Made of FDA approved ester-based polyurethane.



Straight Braided Antistatic Hose

- **Dissipates electro-static discharge**
- **Excellent weather resistance**
- **Extreme flexibility**

The electrically conductive hose is made of braided EPDM Rubber that dissipates electro-static discharge and minimizes errant sparks. Working pressure up to 12 bar (170 PSI)



Straight Braided Anti-Spark PUR Hose

- **Spark and scorch resistant**
- **Excellent resistance to oils, solvents, and other non-aqueous solutions**
- **Long service life with outstanding aging qualities**

The hose is resistant to scorching and damage while exposed to sparks in welding or steel cutting environments. Working pressure up to 14 bar (200 PSI) (depending on hose dimension).



Straight Braided Water PUR Hose

- **Light and flexible**
- **Excellent resistance to oils, solvents, and both aqueous and non-aqueous solutions**
- **Long service life with outstanding aging qualities**

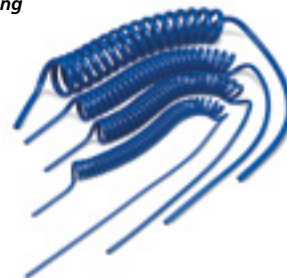
Excellent choice for compressed air in damp and wet environments. The hose has high impact strength and is functional in a wide temperature range. It easily springs back to its original form and has excellent abrasion resistance. Working pressure of 10 bar (150 PSI).



Spiral Non-Braided PUR Hose

- **Light and flexible**
- **Excellent resistance to oils, solvents, and both aqueous and non-aqueous solutions**
- **Long service life with outstanding aging qualities**

Spiral hose with excellent recoil ability and crimp resistance. The hose is abrasion resistant and is suitable for applications in a wide temperature range. Working pressure 10 bar (145 PSI).



Hose Kits

- **Series 300, 310, 315, 320, 410 couplings and nipples**
- **Flexible PUR hose with long service life**
- **Pre-assembled and ready to use**

eSafe



Hose Kits with Series 300

Pre-assembled Hose Kits with spiral or straight hose and Series 300 Standard or eSafe couplings and nipples.

Hose Kits with Series 310

Pre-assembled Hose Kits with spiral or straight hose and Series 310 Standard or eSafe couplings and nipples.

Hose Kits with Series 315

Pre-assembled Hose Kits with spiral or straight hose and Series 315 Standard or eSafe couplings and nipples.

Hose Kits with Series 320

Pre-assembled Hose Kits with spiral or straight hose and Series 320 Standard or eSafe couplings and nipples.

Hose Kits with Series 410

Pre-assembled Hose Kits with spiral or straight hose and Series 410 eSafe couplings and nipples.

PUR Hose Kits

with Adapters and Accessories

- **Hose kits in different configurations**
- **Light and flexible hose**
- **Pre-assembled and ready to use**

Pre-assembled kits with hose, adapters and accessories.

eSafe



Antistatic Hose Kits

- **Combined with couplings and nipples**
- **Flexible EPDM rubber hose that dissipates electro-static discharge**
- **Pre-assembled and ready to use**

Pre-assembled Hose Kits with braided EPDM rubber hose and combined with couplings and nipples



Compressed Air Hose Reels

- **High flow capacity**
- **Low pressure drop**
- **Strong and durable**

CEJN Hose Reels for compressed air feature high-quality, oil-resistant polyurethane hose. The feeder hose connection, axle and swivel design ensures a high flow rate and low pressure drop, securing top performance. The reel and spring assembly is tested to endure hours of hard use. The reels can swivel 300° making it possible for the operator to move around freely and the low pulling force makes it easy for anyone to handle. The impact resistant casing protects the hose and reel mechanism from dirt and debris. The Quick-Locks on the mounting bracket makes installation and service quick and easy. The Hose Reels are available in several casing sizes and hose dimensions, as well as with CEJN braided anti-spark hose. All hose reels are supplied with a feeder hose.



Water Hose Reels

- **Suitable for damp or wet environments**
- **Compatible with water-based fluids, such as acetylene glycol**
- **Strong and durable**

Hose reels for water. Also ideal for compressed air applications in damp and wet environment. Available in several casing sizes and hose dimensions. Features high-quality, oil-resistant polyurethane hose and enclosed casing for longer service life.



Electrical Cable Reels

- **Sturdy housing protects enclosed cable and reel mechanism**
- **Strong and durable**
- **Flexible high quality rubber cable**

Cable reels available in two casing sizes. Features a thermal overload protection circuit. The cable is high made of high quality rubber. Available with schuko or CH plugs. CEJN cable reels are CE marked.



FRL Products

CEJN's Filtration, Regulation and Lubrication (FRL) products are designed to provide constant high-quality air within compressed air systems. CEJN's FRL products are easy to assemble as well as maintain and can be top- or side-mounted. The products are available as stand-alone components or in complete system packages.



Series 208 Air & Fluid Guns

- **High blowing force**
- **Easily regulated infinite flow**
- **Ergonomic, comfortable controls**

Blowgun with ergonomic controls. Suitable for both air and non-explosive liquids. Available in several styles, including standard full-flow, noise-reducing Star-Tip, and a pressure-regulated safety version.



Series 210 MultiFLOW Air & Fluid Gun

- **Unmatched blowing force**
- **Adjustable flow control**
- **Ergonomical, non-slip grip**

CEJN's MultiFLOW blowgun effectively cleans surfaces with air or water with unparalleled blowing force. Precise flow is achieved by adjustable flow settings. Nozzle adjusts from narrow jet to wide beam. The MultiFLOW meets and exceeds OSHA safety standards when dead-ended.



Air & Fluid Guns Accessories

- **Removable nozzles**
- **Extension tubes in various lengths**
- **Safety versions diverts the air when dead-ended**
- **Noise reducing versions**

Removable accessories for Series 208 and 210 blowguns. Various tubes and tips are available to meet specific application requirements.



Accessories

Accessories available for CEJN Pneumatic products are adapters to create different hose connections, Compact Pressure Tester to spot-check pressure and Soft-Line Accessory Covers to protect the coupling and its surroundings from impact.

Compact Pressure Tester

- **Easy to use**
- **Convenient way to spot-check pressure**
- **Lightweight**

The CEJN Compact Pressure Tester provides a safe and fast method to measure system outlet pressure and ensure air systems are working to specifications.



Soft-Line Accessories

- **Compatible with all standard 300-series couplings**
- **Delivered with assembly tool**
- **Easy to install**
- **Non-abrasive to surrounding components**
- **Ideal for work on delicate surfaces**

The accessory covers are designed to be added onto couplings to "soften" the edges of quick connect couplings, making them non-abrasive and less likely to cause damage to surrounding components and surfaces.



Stream-Line Connections

- **Fixed and swivel connections**
- **Available with kink protectors**

CEJN Stream-Line connections are available with swivel and fixed adapters, both are offered with or without kink protectors.



Connectors, Adapters, Bushings, & Plugs

A wide range of hose connectors; male-to-male adapters; bushings; plugs; cross, T-, L-, and Y-pieces; and ball valves for maximum flexibility in a variety of applications..



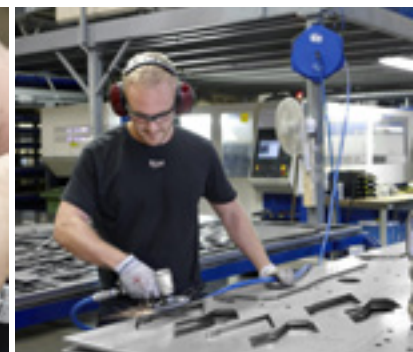
OSHA Gauge

- **Easy to use**
- **A quick safety check for blowguns**
- **Works for all brands of blowguns and all safety regulations up to 4 bar (58 PSI)**

The CEJN OSHA gauge provides a safe and fast method to measure blowgun outlet pressure and ensure a safe working environment.



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.





Breathing Air Products

The Vital Connection – fully in line with market demands and requirements

CEJN's Breathing Air couplings have a high-flow rate, a broad connection range and require only minimal force to connect. With the vital function of supplying breathing air, the need for safety and reliability is of the utmost importance. CEJN products are designed and manufactured to exacting standards, which has resulted in years of trouble-free service. Our breathing air range consists of couplings and nipples, hose, hose kits and accessories.

CEJN –WHEN LIVES DEPEND ON THE CHOICES YOU MAKE

In the field of breathing air there are no compromises to be made regarding quality and safety. CEJN has extra stringent tests to ensure that the high quality demands are achieved, couplings and nipples for breathing air are thoroughly examined and tested individually to guarantee that each coupling and nipple that leaves our production is of the highest quality. Your safety is our top priority.

bSafe
Safe Breathing Air Solutions



Series 141

10 bar (145 PSI) / 86 l/min (3 CFM)

- **One-hand operated**
- **Extremely small external dimensions**
- **Suitable for supply of liquids in closed units**

DN 2.5 mm. Air flow capacity of 86 l/min (3.0 CFM) and water flow capacity of 3.5 l/min (0.8 GPM UK). Max working pressure 10 bar (150 PSI). The series is made of chrome-plated brass and suitable for compressed air, fluid and vacuum applications.



Series 221

35 bar (508 PSI) / 580 l/min (20.5 CFM)

- **One-hand operated**
- **High-flow capacity**
- **Extremely small outer dimensions**

DN 5.0 mm (3/16"). Air flow capacity of 580 l/min (20.5 GPM uk). Max working pressure 35 bar (508 PSI). Made of chrome-plated brass with NBR seal.



Series 340

35 bar (508 PSI) / 700 l/min (24.7 CFM)

- **Safety function that prevents accidental disconnect**
- **100% tested and greased for breathing air**
- **Hose Kits comply with all breathing air standards**

DN 6.2 mm (1/4"). Flow capacity of 700 l/min (24.7 CFM). Max working pressure 35 bar (508 PSI). Made of Stainless steel. The automatic safety-locking feature prevents unintentional disconnection.



Series 341

35 bar (508 PSI) / 1950 l/min (69 CFM)

- **One-hand operated to connect**
- **Automatic safety locking feature**
- **Large range of connections available**
- **Extremely high flow capacity**

DN 7.4 mm (9/32"). Flow capacity of 1950 l/min (68.8 CFM). Max working pressure 35 bar (508 PSI). Made of nickel-plated brass with NBR seals. Ideal for cushion inflation and diving applications.



Series 342

35 bar (508 PSI) / 1950 l/min (69 CFM)

- **Automatic safety-locking feature**
- **Extremely high flow capacity**
- **One-hand operated**

DN 7.4 mm (9/32"). Flow capacity of 1950 l/min (68.8 CFM). Max working pressure 35 bar (508 PSI). Made of zinc-plated steel/brass. The automatic safety-locking feature prevents unintentional disconnection.



Series 344

35 bar (508 PSI) / 1950 l/min (69 CFM)

- **One-hand operated to connect**
- **Automatic safety locking feature**
- **Extremely high flow capacity**
- **Light weight**

DN 7.4 mm (9/32"). Flow capacity of 1950 l/min (68.8 CFM). Max working pressure 35 bar (508 PSI). Made of nickel-plated brass with NBR seals. Primarily for breathing air firefighting applications, but is also well suited for diving equipment.



Series 345

35 bar (508 PSI) / 1100 l/min (39 CFM)

- **One-hand operated to connect**
- **Automatic safety locking feature**
- **Large range of connections available**
- **Extremely high flow capacity**

DN 6.2 mm (1/4"). Flow capacity of 1100 l/min (38.8 CFM). Max working pressure 35 bar (508 PSI). Made of nickel-plated brass with NBR seals. Well-suited for breathing air diving applications and for applications that demand a closed system when disconnected, such as surface air diving (hookah).



Series 346

35 bar (508 PSI) / 800 l/min (28 CFM)

- **One-hand operated to connect**
- **Automatic safety locking feature**
- **Large range of connections available**
- **Extremely high flow capacity**

DN 7.0 mm (9/32"). Flow capacity of 800 l/min (28.2 CFM). Max working pressure 35 bar (508 PSI). Made of stainless steel (AISI 316) with NBR seals. Ideal choice for applications in tough environments.



Series 347

35 bar (508 PSI) / 1100 l/min (39 CFM)

- **One-hand operated to connect**
- **High flow capacity**
- **Automatic safety locking feature**

DN 6.2 mm (1/4"). Flow capacity of 1100 l/min (38.8 CFM). Max working pressure 35 bar (508 PSI). Made of nickel-plated brass with NBR seals. The nipple is non-interchangeable with other CEJN series couplings making it useful in applications with multiple access points for different media.



Series 348

10 bar (145 PSI) / 650 l/min (23 CFM)

- **One-hand operated to connect**
- **Stainless steel valve opener**
- **Automatic safety locking feature**

DN 4.1 mm (5/32"). Flow capacity of 650 l/min (22.9 CFM). Max working pressure 10 bar (145 PSI). Made of nickel-plated brass/stainless steel with EPDM seals. Well-suited for fire-fighting applications.



Series 441

35 bar (508 PSI) / 3950 l/min (140 CFM)

- **One-hand operated to connect**
- **High flow capacity**
- **Automatic safety locking feature**

DN 10.4 mm (13/32"). Flow capacity of 3950 l/min (139.4 CFM). Max working pressure 35 bar (508 PSI). Made of nickel-plated brass with NBR seals. Well-suited for air cushion inflation and breathing air diving applications in which extra high airflow is required.



Series 442

35 bar (508 PSI) / 3950 l/min (140 CFM)

- **One-hand operated**
- **High flow capacity**
- **Automatic safety locking feature**

DN 10.4 mm (13/32"). Flow capacity of 3950 l/min (140.0 CFM). Max working pressure 35 bar (508 PSI). Made of zinc-plated brass with NBR seals. Well-suited for large supply lines for portable equipment with multiple air outlets.



Spiral Anti-Spark Hose

Non-Braided

- **Spark and scorch resistant**
- **Excellent resistance to oils, solvents, and other non-aqueous solutions**
- **Long service life and outstanding aging abilities**

Spiral hose resistant to scorching and damage while exposed to sparks in welding or steel cutting environments. Working pressure of 10 bar (150 PSI). The hose is designed for compressed air and breathing air applications.



Adapters

- **Hose connectors, male-to-male adapters, bushings, plugs, cross, T-, L-, and Y-pieces, ball valves**

A wide range of hose connectors; male-to-male adapters; bushings; plugs; cross, T-, L-, and Y-pieces; and ball valves for maximum flexibility in a variety of applications.



Hose Kits

CEJN offers a pre-assembled hose and coupling combination that is ready for immediate use without the need for tools. Each hose kit contains a CEJN polyurethane hose style, Stream-Line couplings, nipples and swivels that provide reusable, leak-free hose connections.



Technical data

	Spiral PUR Hose	Low Pressure PVC Hose	Low Pressure Rubber Hose
Max. working pressure	10 bar (145 PSI)	15 bar (217 PSI)	15 bar (217 PSI)
Min. burst pressure	25 bar (362 PSI*)	60 bar (870 PSI*)	60 bar (870 PSI*)
Temperature range	-20°C – +60°C (-4°F – +140°F)	-15°C – +60°C (5°F – +140°F)	-40°C – +60°C (-40°F – +140°F)
Hose material	Ester-based polyurethane, Non-Braided	PVC, Polyester reinforced	Nitrile rubber (NBR) with NBR/PVC cover
ID x OD (MM)	6,5 x 10, 8 x 12	10 x 16	6.3 x 15.3, 9.5 x 19.5
Features	Spiral hose kit comes fixed length and ready for immediate use with Series 342 couplings and nipples with CEJN's reusable Stream-Line connection. Electrical resistivity: $R \leq 10^8 \Omega/m$	CEJN Hose Kits in custom made lengths and with CEJN Series 340, 341, 342, 344, 345 or 346 couplings and nipples.	CEJN Hose Kits in custom made lengths and with CEJN Series 340, 341, 342, 344, 345 or 346 couplings and nipples. Electrical resistivity: $10^3 \Omega/m < R < 10^8 \Omega/m$ in accordance with EN 14593:2005 and EN 14594:2005
	<ul style="list-style-type: none"> • Resistance to sparks from welding and grinding • Color green • Light and flexible with very good rebound qualities • Excellent resistance to oils, solvents and other non-aqueous solutions • Long service life • Other series couplings/nipples upon request 	<ul style="list-style-type: none"> • Custom made lengths • Stainless steel ferrule • Color green • Lightweight • Cost effective • Easy handling due to its good flexibility • Cadmium & silicone free • Resistant to acids, alkali and most inorganic chemicals • Resistance to sparks from welding and grinding • Long service life 	<ul style="list-style-type: none"> • Custom made lengths • Stainless steel ferrule • Color black with green stripe • Marked with H (heat resistant), S (anti-static) and F (flam resistant) according to valid standards • Good flexibility in low temperatures • Antistatic, Conductive tube and cover, $10^3 \Omega/m < R < 10^8 \Omega/m$ • Excellent chemical resistance • Abrasive resistant • Long service life
	Fulfills requirements acc. EN 14593 1/2:2005 and EN 14594:2005 : Light duty (class A)	Fulfills requirements acc. EN 14593 1/2:2005 and EN 14594:2005 : Heavy duty (class B), AS/NZS 1716:2012	Fulfills requirements acc. EN 14593 1/2:2005 and EN 14594:2005 : Heavy duty (class B), AS/NZS 1716:2012
	*) Valid for working temperature at +20°C	*) Valid for working temperature at +20°C	*) Valid for working temperature at +20°C

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.



Ultra High-Pressure Hydraulic Products

Combining top class technology, safety focus and responsiveness to stay one step ahead

CEJN has provided the world with top quality products for more than four decades. Our ultra high-pressure experience shows that extreme pressures require extreme safety and that is why we put our finished product through extensive testing before reaching the customer. Whether the application is nuclear, subsea, wind power, oil, gas or turbine CEJN is committed to meet the ever-changing requirement. Our wide range of ultra high-pressure couplings and hoses includes just what you need for a smooth and safe work environment with pressures of up to 300 MPa (43 500 PSI).

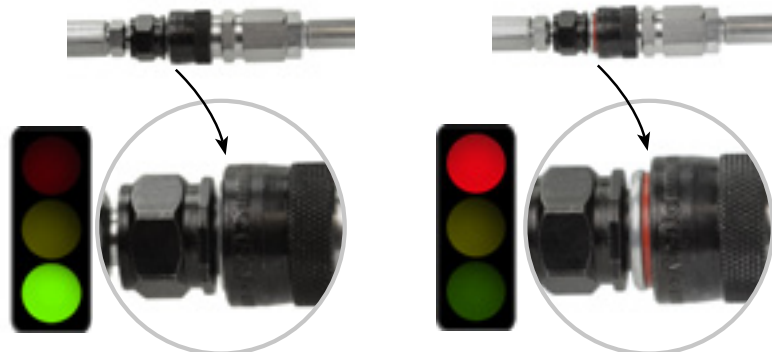
ULTRA HIGH-PRESSURE ASSEMBLIES – PRODUCED TO YOUR SPECIFIC REQUIREMENTS

To ensure safety and facilitate work, CEJN offers a wide range of pre-assembled hose assemblies pressure tested and ready to use. The many hoses, all with different pressure ratings, are a perfect choice for most applications. Each assembled kit is cut to your preferred length, fitted with one of our large range of fittings and ultra high-pressure couplings. Our toughest hose has a maximum pressure up to 300 MPa (43 500 PSI). If CEJN can't do it nobody can.

CONNECT SAFELY WITH THE CEJN ALERT-RING SYSTEM

Risk: When working in poor conditions or poorly lit areas, there is a risk that couplings may not be completely connected.

CEJN's Role: CEJN alert rings are visual safeguards for ensuring proper connection. If the red ring is visible, the coupling isn't connected.



CEJN Alert-Ring System

Series 115**100 MPa**

- *Compact design*
- *Unique sealing design*
- *Non-drip on connection and disconnection*
- *Dust caps included as standard*
- *Nipple with hose rupture valve available*
- *Coupling with extra safety ring available*

DN 2.5 mm (3/32"). Flow capacity of 6.0 l/min (1.32 GPM uk). Max working pressure 100 MPa. Made of hardened zinc chromate plated steel.

**Series 115****Flat Face 80 MPa**

- *Flat-face design*
- *Non-drip on connection and disconnection*
- *Dust caps included as standard*
- *One-hand operated*
- *Automatic safety locking device*
- *Light weight design with an aluminum back-part*
- *Connects with nipple series 115 standard*

DN 2.5 mm (3/32"). Flow capacity of 5.3 l/min (1.2 GPM UK). Max working pressure 80 MPa. Made of hardened zinc chromate plated steel/aluminum.

**Series 115****High-Flow 80 MPa**

- *Flat-face design*
- *Non-drip on connection and disconnection*
- *Dust caps included as standard*
- *One-hand operated*
- *Automatic safety locking device*

DN 4 mm (5/32"). Flow capacity of 11 l/min (2.4 GPM UK). Max working pressure 80 MPa. Made of hardened zinc chromate plated steel.

**Series 116****150 MPa**

- *High working pressure*
- *Compact design*
- *Unique sealing design*
- *Non-drip on connection and disconnection*
- *Dust caps included as standard*
- *Nipple without valve available*
- *Coupling with extra safety ring available*

DN 2.5 mm (3/32"). Flow capacity of 6.0 l/min (1.3 GPM UK). Max working pressure 150 MPa. Made of hardened zinc chromate plated steel.

**Series 116 Stainless Steel****150 MPa**

- *Stainless steel*
- *Compact design*
- *Non-drip on disconnection*
- *Connects with other series 116 products*

DN 2.5 mm (3/32"). Flow capacity of 6.0 l/min (1.3 GPM UK). Max working pressure 150 MPa. Made of Stainless steel.

**Series 116****Flat-Face 150 MPa**

- *Flat-face design*
- *Non-drip on connection and disconnection*
- *Dust caps included as standard*
- *One-hand operated*
- *Automatic safety locking device*
- *Connects with nipple series 116 standard*

DN 2.5 mm (3/32"). Flow capacity of 5.3 l/min (1.16 GPM UK). Max working pressure 150 MPa. Made of hardened zinc chromate plated steel.

**Series 116****T-Connection 150 MPa**

- *One-piece design*
- *Lightweight, compact*
- *Cost-effective*

Series 116 T-Connection is a lightweight, one-piece coupling and nipple combination for making serial connections on high-pressure hydraulic tools, such as bolt tensioners and cylinders

**Series 117****100 MPa**

- *Compact design*
- *Unique sealing design*
- *Non-drip on connection and disconnection*
- *Dust caps included as standard*
- *Coupling with extra safety ring available*

DN 2.5 mm (3/32"). Flow capacity of 6.0 l/min (1.3 GPM uk). Max working pressure 100 MPa. Made of hardened zinc chromate plated steel.



Series 125

200 MPa

- **High working pressure**
- **Compact design**
- **Unique sealing design**
- **Non-drip on connection and disconnection**
- **Dust caps included as standard**
- **Nipple without valve available**

DN 2.5 mm (3/32"). Flow capacity of 5.8 l/min (1.3 GPM uk). Max working pressure 200 MPa. Made of hardened zinc chromate plated steel.



Series 125

250 MPa

- **High working pressure**
- **Compact design**
- **Unique sealing design**
- **Non-drip on connection and disconnection**
- **Dust caps included as standard**

DN 2.5 mm (3/32"). Flow capacity of 5.8 l/min (1.3 GPM uk). Max working pressure 250 MPa. Made of hardened zinc chromate plated steel.



Series 135

300 MPa

- **Extremely high working pressure**
- **Non-drip on connection and disconnection**
- **Built-in safety device to avoid unintentional disconnection**
- **High safety factor**
- **Individual pressure tested up to max. working pressure before delivery**
- **Dust caps included as standard**

DN 2.5 mm (3/32"). Flow capacity of 4.6 l/min (1.0 GPM uk). Max working pressure 300 MPa. Made of hardened black finished steel.



Series 218

100 MPa

- **Small external dimensions**
- **Extremely high-flow capacity**
- **High working pressure**
- **Compact design**
- **Unique sealing design**
- **Non-drip on connection and disconnection**
- **Built-in safety device to avoid unintentional disconnection**
- **Dust caps included as standard**

DN 4.5 mm (11/64"). Flow capacity of 15 l/min (3.3 GPM UK). Max working pressure 100 MPa. Made of hardened zinc chromate plated steel.



Hose Assemblies



The CEJN Ultra High-Pressure hose is a spiralized steel reinforced polymer hose that picks up where conventional product capabilities stop. It gives you ultra-high working pressure with maintained flexibility through entire life. Its low volumetric expansion gives fast response time in hydraulic systems while the smooth inner bores provide a minimized pressure drop. A long-lasting service time and extended hose life in even the toughest applications is a result of the kink-resistant steel-reinforced construction, abrasion-resistant covers and a superior chemical resistance. The small outside diameter makes the hose ideal for tight routing.



	70 MPa (DN 6)	70 MPa (DN 10)	72 MPa (DN 6)	100 MPa (DN 6)	150 MPa (DN 5)	180 MPa (DN 5)	250 MPa (DN 5)	300 MPa (DN 4)
Reinforcement	2 steel- + 2 synthetic layers	3 steel layers	4 steel layers	4 steel layers	2 steel layers	4 steel layers	6 steel layers	6 steel layers
Outer cover	Polyurethane (PUR)	Polyurethane (PUR)	Polyurethane (PUR)	Polyurethane (PUR)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)
Inner tube	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)
ID x OD	6.3 x 12.4 mm	9.7 x 18.0 mm	6.4 x 12.5 mm	6.3 x 13.3 mm	4.9 x 9.5 mm	4.7 x 11.5 mm	4.7 x 13.0 mm	3.9 x 11.5 mm
Max. working pressure	70.0 MPa	70.0 MPa	72.0 MPa	100.0 MPa	150.0 MPa	180.0 MPa	250.0 MPa	300.0 MPa
Min. burst pressure	186.0 MPa	215.0 MPa	288.0 MPa	320.0 MPa	375.0 MPa	450.0 MPa	625.0 MPa	700.0 MPa
Min. bend radius	70 mm (2.8")	120 mm (4.7")	70 mm (2.8")	80 mm (3.1")	95 mm (3.7")	130 mm (5.1")	175 mm (6.9")	140 mm (5.5")
Weight	190 g/m (6.7 oz)	500 g/m (17.6 oz)	250 g/m (8.8 oz)	305 g/m (10.7 oz)	140 g/m (4.9 oz)	280 g/m (9.9 oz)	410 g/m (14.4 oz)	290 g/m (10.2 oz)
Temperature range	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-10°C – +70°C (14°F – +158°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)

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950 High-Pressure Hydraulic Adapters

- **Extensive range of connections and threads available**
- **Durable design**
- **Several seal options available**

CEJN provides an extensive range of high-pressure hydraulic adapters suitable for most couplings and hoses. All adapters are manufactured of black-zinc plated steel. Working pressure varies between 100 MPa and 300 MPa, see product table for data on respective adapters.



950 High-Pressure Seals

up to 150 MPa

- **Tredo seals in sizes 1/8", 1/4", 3/8"**
- **High strength seal available**
- **USIT rings**
- **Copper washer**

CEJN's high-pressure range includes several rubber metal seals designed to complement the high-pressure hydraulic couplings and nipples. Max working pressure range from 100 to 150 MPa.



950 CEJN Porting Blocks

300 MPa

- **Five different blocks available**
- **2-, 3-, and 5-way versions**
- **Durable design**

CEJN's porting blocks make it possible to utilise/connect several hydraulic lines from a single pump to numerous tools as well as the possibility of connecting a pressure gauge. The blocks are available in five different sizes and designs with a varying number of ports.



940 CEJN Pressure Gauges

up to 200 MPa

- **Available in three sizes; Ø 63 mm, Ø 100 mm, Ø 150 mm**
- **Max scale from 1000 bar (14 500 PSI) to 2000 bar (29 000 PSI)**
- **Durable design**
- **Available with bottom connection or for panel mounting**

Bottom and panel mounted pressure gauges in models up to 2000 bar (200 MPa). All models are glycerine filled for improved performance and long life. The gauges are made of stainless steel and feature high accuracy and a long service life.



Take Control Of Your Safety

– With CEJN Identification System for Ultra High-Pressure Hydraulics

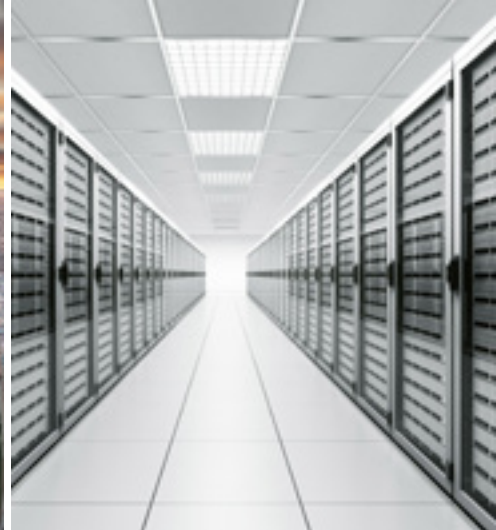
IMPROVE YOUR SAFETY WITH CEJN CIS

TAKE CONTROL OF YOUR ULTRA HIGH-PRESSURE HYDRAULIC HOSE KITS. Working with high-pressure hydraulics is associated with a danger to your life. Therefore, it is vitally important to eliminate risk as far as possible. When using high-pressure products from CEJN, you can rest assured that you have made a safe choice, as we work on safety throughout the entire production chain using our knowledge gained from 40 years of experience.

CEJN is now releasing a new technology for your safety: CEJN IDENTIFICATION SYSTEM (CIS) - a tracking solution in which every hose kit is chipped and has an individual marking and traceability based on Near Field Communication (NFC*). This means that you can not only check technical data, but can also view an update history log: when the hose was first and most recently pressure-tested and when it is time to take it out of service.



Read more at: www.cejn.com/cis

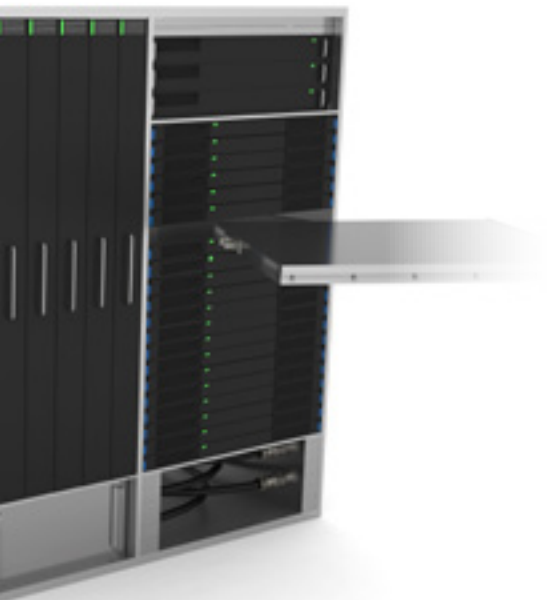


Thermal Control

Safe, easy and reliable quick connectors with high flow for an effective liquid cooling process

At CEJN, high-flow capacity products are the key and our ambition is to develop high-quality, affordable solutions for our customers. For temperature control and thermal management, we offer a range of standard and specially-designed couplings and nipples.

At the heart of electronic systems, where just a drop or two might be sufficient to cause damage, CEJN offers a blind-mate coupling and nipple with a non-spill feature that guarantees high-flow and spill-free operation. CEJN's Non-Drip series is another solution. This is a flat-face valved quick disconnect coupling series with dry-break function for data servers, power electronics and other cooling applications. If you're looking for products with unrestricted flow, quick installation and one-time connection, CEJN's valveless Full-Flow range is the ultimate fit.



Non-Drip

In applications such as cooling of electronics, machinery and moulds, CEJN offers the Non-Drip series, a range of quick connect couplings and nipples for low-pressure fluid applications. The coupling's dry-break feature is 100% functional and leak-tight tested during the production process to ensure a reliable coupling for liquid cooling. The affordable Non-Drip is available in two material versions, nickel-plated brass and a corrosion-resistant stainless steel AISI 316 version. The range is one-hand operated and offers unlimited combination possibilities and safety levels to avoid mixing media or incorrect flow direction. This series is ideal for connecting all types of fluid lines, whether your application involves cold or hot water, dielectric fluids, glycols, mineral or synthetic heat transfer oils.



- | | |
|-------------------|--|
| Series 267 | Made of nickel-plated brass with EPDM seals. DN 4.0 mm (5/32"). Water flow capacity double shut-off Kv 0.29 (Cv 0.34). Max working pressure 20 bar (290 PSI). |
| Series 277 | Made of stainless steel AISI 316 with EPDM seals. DN 4.0 mm (5/32"). Water flow capacity double shut-off Kv 0.29 (Cv 0.34). Max working pressure 20 bar (290 PSI). |
| Series 467 | Made of nickel-plated brass with EPDM seals. Water flow capacity double shut-off Kv 1.08 (Cv 1.25). Max working pressure 20 bar (290 PSI). |
| Series 477 | Made of stainless steel AISI 316 with EPDM seals. DN 6.0 mm (1/4"). Water flow capacity double shut-off Kv 1.08 (Cv 1.25). Max working pressure 20 bar (290 PSI). |
| Series 567 | Made of nickel-plated brass with EPDM seals. DN 9.0 mm (11/32"). Water flow capacity double shut-off Kv 2.11 (Cv 2.44). Max working pressure 20 bar (290 PSI). |
| Series 577 | Made of stainless steel AISI 316 with EPDM seals. DN 9.0 mm (11/32"). Water flow capacity double shut-off Kv 2.11 (Cv 2.44). Max working pressure 20 bar (290 PSI). |
| Series 667 | Made of nickel-plated brass with EPDM seals. DN 14.0 mm (9/16"). Water flow capacity double shut-off Kv 5.87 (Cv 6.78). Max working pressure 20 bar (290 PSI). |
| Series 677 | Made of stainless steel AISI 316 with EPDM seals. DN 14.0 mm (9/16"). Water flow capacity double shut-off Kv 5.87 (Cv 6.78). Max working pressure 20 bar (290 PSI). |
| Series 767 | Made of nickel-plated brass with EPDM seals. DN 19.0 mm (3/4"). Water flow capacity double shut-off Kv 13.30 (Cv 15.37). Max working pressure 20 bar (290 PSI). |
| Series 777 | Made of stainless steel AISI 316 with EPDM seals. DN 19.0 mm (3/4"). Water flow capacity double shut-off Kv 10.80 (Cv 12.50). Max working pressure 20 bar (290 PSI). |

Full-Flow

Where unrestricted and high-flow cooling disconnects are the key, CEJN's easy to handle our Full-Flow coupling series are the right choice. They are easy to install, and due to the valveless design, allow for an unrestricted high-flow. The Full-Flow range is designed for low-pressure fluid cooling applications such as renewable energy solutions and power electronics, but can also be found in larger pneumatic lines.

The robust and corrosion-resistant range is available in nickel-plated brass or stainless AISI 316 with a wide range of sealing options, such as EPDM, NBR, FPM, etc. Full-Flow is available with a safety-locking feature and optional colour-coded rings to identify media and/or pressure lines to enable safe and long-term thermal management.



- | | |
|-------------------|--|
| Series 701 | Made of nickel-plated brass. Size DN 25 mm (1"). Max working pressure 20 bar (290 PSI). |
| Series 702 | Made of electro-polished AISI 316 stainless steel. Size DN 25 mm (1"). Max working pressure 20 bar (290 PSI). |
| Series 851 | Made of nickel-plated brass. Size DN 38 mm (1½"). Max working pressure 20 bar (290 PSI). |
| Series 852 | Made of electro-polished AISI 316 stainless steel. Size DN 38 mm (1½"). Max working pressure 20 bar (290 PSI). |
| Series 921 | Made of nickel-plated brass. Size DN 51 mm (2"). Max working pressure 20 bar (290 PSI). |
| Series 922 | Made of electro-polished AISI 316 stainless steel. Size DN 51 mm (2"). Max working pressure 20 bar (290 PSI). |

Auto-Couplings Fluids

At the core of electronic systems, CEJN's blind-mate couplings and nipples with extreme non-spill feature guarantee perfect sealing during operation. The light and compact auto-coupling is mounted on rackable/blade systems in supercomputers and data centres where DLC (Direct Liquid Cooling) technology is used. The range of products is resistant to vibration and corrosion and, if necessary, the design enables connection and disconnection under full working pressure.

DLC, DN5 Aluminum

This is an auto-coupling/blind-mate coupling with DN 5 mm (3/16"). Surface treated aluminum alloy, with specially developed NBR seals. Max working pressure 10 bar (145 PSI).



Series 767, DN19 Brass

This auto-coupling/blind-mate coupling is made of nickel-plated brass with EPDM seals. DN 19.0 mm (3/4"). Water flow capacity double shut-off version Kv 13.3 (Cv 15.37). Max working pressure 20 bar (290 PSI).





Data server producer use modular no-spill coupling for cooling

Thermal management needs safe, easy and reliable quick connect couplings with high flow for an effective cooling process. The newly developed Non-Drip brass Series 767 High-Flow is an affordable non-drip modular coupling adaptable to virtually all applications, perfect for cooling of electronics.

Data centers generate a substantial amount of heat that must be disbursed. Traditionally air has been relied on for cooling. However in recent years' liquid cooling has gained in popularity since the solution reduces heat more effectively and more economically than air.

LOW PRESSURE DROP IN FLUID LINES

A large producer of data servers was searching for a quick disconnect solution to its new water cooling system. The couplings were to be installed on the coolant pump's supply and return lines to control and channel heat generated by the server. CEJN proposed its standard Non-Drip Series 767, however, in order to meet customer's strict requirement of a low pressure drop for the application, CEJN had to improve the flow capacity of the connector.

HIGH-FLOW COUPLING EQUALS THE SOLUTION

During the development phase CEJN engineers worked closely with the customer to gain knowledge of the liquid cooling application. The standard Non-Drip 767 fluid coupling was refined and a new High-Flow brass version with EPDM seals presented. The new version has an impressive flow capacity for DN19 with flow coefficient, Kv 13,3. This was a huge improvement compared to the standard version with Kv 10,8.

SATISFIED CUSTOMER

After a couple of years of installation the customer is pleased with the solution and of the couplings extreme durability that has led to a long life and trouble free product. Flow capacity has always been a key design factor for CEJN product development no matter if its compressed air flow, hydraulic fluid flow or as in this case low pressure liquid cooling lines.





Fluid Products

The Optimum Choice for Performance, Convenience and Safety

CEJN has been a leading producer of fluid couplings for over 45 years resulting in numerous different series for low- and medium-pressure applications, offering just the right coupling solution for virtually any fluid transfer application. Our products are available in both valved and valveless design for working pressure up to 200 bar (2900 PSI). Because streamlined fluid flow is a critical requirement in system operation, all CEJN couplings undergo extensive testing of functionality and quality to ensure top performance at the jobsite.

SAFETY FEATURES

Our latest success story in the fluid field is our Non-Drip Series. The series is designed to be a range with almost endless combination possibilities with three optional safety features to eliminate cross connection. Offered in both valved and valveless couplings and nipples.

UNRESTRICTED FLOW

The Full-Flow series is our newest fluid coupling offering unrestricted flow for low pressure fluid applications. Features surrounding the Full-Flow coupling are no flow restriction, compact design, easy to maintain and service, tarnish-resistant finish and of course they had to be economical. In addition safety options are available. With the success of Non-Drip in mind, we at CEJN expect no less from our new Full-Flow range.



Non-Drip

- **Non-Drip design**
- **Unlimited combination possibilities**
- **Different safety levels to avoid mixing media**

CEJN's Non-Drip couplings are designed solely for low-pressure fluid and vacuum applications. The product range has unlimited combination possibilities and is ideal for connecting all types of fluid lines.



Brass

- Series 267** DN 4.0 mm (5/32"). Flow capacity for double shut-off version of 17 l/min (3.7 GPM UK). Max working pressure 20 bar (290 PSI). Made of nickel-plated brass with nitrile seals.
- Series 467** DN 6.0 mm (1/4"). Flow capacity for double shut-off version of 36 l/min (7.9 GPM UK). Max working pressure 20 bar (290 PSI). Made of nickel-plated brass with nitrile seals.
- Series 567** DN 9.0 mm (11/32"). Flow capacity for double shut-off version of 76 l/min (16.7 GPM UK). Max working pressure 20 bar (290 PSI). Made of nickel-plated brass with nitrile seals.
- Series 667** DN 14.0 mm (9/16"). Flow capacity for double shut-off version of 168 l/min (37.0 GPM UK). Max working pressure 20 bar (290 PSI). Made of nickel-plated brass with nitrile seals.
- Series 767** DN 19.0 mm (3/4"). Flow capacity for double shut-off version of 306 l/min (67.3 GPM UK). Max working pressure 20 bar (290 PSI). Made of nickel-plated brass with nitrile seals.

Stainless Steel

- Series 277** DN 4.0 mm (5/32"). Flow capacity for double shut-off version of 17 l/min (3.7 GPM UK). Max working pressure 20 bar (290 PSI). Made of stainless steel (AISI 316) with FPM (Viton®) seals.
- Series 477** DN 6.0 mm (1/4"). Flow capacity for double shut-off version of 36 l/min (7.9 GPM UK). Max working pressure 20 bar (290 PSI). Made of stainless steel (AISI 316) with FPM (Viton®) seals.
- Series 577** DN 9.0 mm (11/32"). Flow capacity for double shut-off version of 76 l/min (16.7 GPM UK). Max working pressure 20 bar (290 PSI). Made of stainless steel (AISI 316) with FPM (Viton®) seals.
- Series 677** DN 14.0 mm (9/16"). Flow capacity for double shut-off version of 168 l/min (37.0 GPM UK). Max working pressure 20 bar (290 PSI). Made of stainless steel (AISI 316) with FPM (Viton®) seals.
- Series 777** DN 19.0 mm (3/4"). Flow capacity for double shut-off version of 306 l/min (67.3 GPM UK). Max working pressure 20 bar (290 PSI). Made of stainless steel (AISI 316) with FPM (Viton®) seals.

Series 141

- **Extremely small outside dimensions**
- **One-hand operated**
- **Suitable for several media**

DN 2.5 mm (3/32"). Flow capacity of 3.5 l/min (0.8 GPM UK). Max working pressure 10 bar (150 PSI). Made of chrome-plated brass with NBR seal. Available in single-shut off style (valved coupling - valveless nipple).



Full-Flow

- **Valveless design**
- **Unrestricted flow**
- **Tarnish-resistant finish**

CEJN full-flow couplings and nipples are specially designed for low-pressure fluid applications. They feature a valveless design that permits unrestricted, high flow.



Brass

- Series 701** DN 25 mm (1"), DN 38 mm (1½"), DN 51 mm (2"). Max working pressure 20 bar (290 psi). Made of nickel-plated brass.
- Series 851** DN 25 mm (1"), DN 38 mm (1½"), DN 51 mm (2"). Max working pressure 20 bar (290 psi). Made of nickel-plated brass.
- Series 921** DN 25 mm (1"), DN 38 mm (1½"), DN 51 mm (2"). Max working pressure 20 bar (290 psi). Made of nickel-plated brass.

Stainless Steel

- Series 702** DN 25 mm (1"), DN 38 mm (1½"), DN 51 mm (2"). Max working pressure 20 bar (290 psi). Made of electro-polished AISI 316 stainless steel.
- Series 852** DN 25 mm (1"), DN 38 mm (1½"), DN 51 mm (2"). Max working pressure 20 bar (290 psi). Made of electro-polished AISI 316 stainless steel.
- Series 922** DN 25 mm (1"), DN 38 mm (1½"), DN 51 mm (2"). Max working pressure 20 bar (290 psi). Made of electro-polished AISI 316 stainless steel.

Series 225

- **One-hand operated**
- **High-flow capacity**
- **Small external dimensions**

DN 3.0 mm (1/8"). Flow capacity of 8 l/min (1.8 GPM UK). Max working pressure 35 bar (508 PSI). Made of chrome-plated brass with NBR seal.



Series 321

- **One-hand operated**
- **Extremely high-flow capacity**
- **Large range of connections**

DN 7.4 mm (9/32"). Flow capacity of 78 l/min (17.1 GPM UK). Max working pressure 35 bar (508 PSI). Made of nickel-plated steel/brass with NBR or FPM seal.



Series 322

- **One-hand operated**
- **High burst/working pressure**
- **Extremely high-flow capacity**

DN 7.4 mm (9/32"). Flow capacity of 90 l/min (19.8 GPM UK). Max working pressure 200 bar (2900 PSI). Made of nickel-plated steel/brass with NBR or FPM seal.



Series 324

- **Small external dimensions**
- **One-hand operated**
- **Low connection force**

DN 6.2 mm (1/4"). Flow capacity of 42 l/min (9.2 GPM UK). Max working pressure 35 bar (508 PSI). Made of nickel-plated brass with NBR, FPM or EPDM seal.



Series 326, DN 6.2

- **Handles tough media**
- **One-hand operated**
- **Dust caps included as standard**

DN 6.2 mm (1/4"). Flow capacity for the single shut off version of 28 l/min (6.2 GPM UK). Max working pressure 70 bar (1015 PSI). Made of stainless steel (AISI 316) with NBR or FPM seal. Available in single and double shut-off versions..



Series 411

- **One-hand operated**
- **Extremely high-flow capacity**
- **Large range of connections**

DN 10.4 mm (13/32"). Flow capacity of 156 l/min (34.32 GPM UK). Max working pressure 35 bar (508 PSI). Made of nickel-plated brass with NBR seal.



Series 412

- **One-hand operated**
- **Extremely high-flow capacity**
- **Suitable for high-pressure water applications**

DN 10.4 mm (13/32"). Flow capacity of 167 l/min (36.7 GPM UK). Max working pressure 200 bar (2900 PSI). Made of nickel-plated brass with NBR seal. Available in single shut-off and straight through versions.



Series 414

- **Low connection force**
- **High-flow capacity**
- **Small external dimensions**

DN 8.9 mm (11/32"). Flow capacity of 71 l/min (15.6 GPM UK). Max working pressure 35 bar (508 PSI). Made of chrome-plated brass with NBR seal.



Series 416

- **Low connection force**
- **High-flow capacity**
- **Small external dimensions**

DN 8.9 mm (11/32"). Flow capacity for the single shut-off version of 85 l/min (18.7 GPM UK). Max working pressure 35 bar (508 PSI). Made of stainless steel (AISI 316) with NBR or FPM seal.



Series 417

- **Adapted to home and garden use**
- **High-flow capacity**
- **Large range of connections**

DN 10.5 mm (13/32"). Flow capacity in straight through version of 226 l/min (49.7 GPM UK). Max working pressure 20 bar (290 PSI). Made of chrome-plated brass with NBR seal. Available in single shut-off and straight through versions.



Series 604

- **One-hand operated**
- **High-flow capacity**
- **Low connection force**

DN 14.5 mm (9/16"). Flow capacity for the single shut-off version of 205 l/min (45.1 GPM UK). Max working pressure 35 bar (508 PSI). Made of chrome-plated brass with NBR or FPM seals. Available in double or single shut-off versions.



Series 606

- **One-hand operated**
- **High-flow capacity**
- **Low connection force**

DN 14.5 mm (9/16"). Flow capacity for the single shut-off version of 205 l/min (45.1 GPM UK). Max working pressure 35 bar (508 PSI). Made of stainless steel with FPM seal. Available in double or single shut-off versions.



Series 704

- **One-hand operated**
- **High-flow capacity**
- **Low connection force**

DN 19.0 mm (3/4"). Flow capacity in single shut-off version of 390 l/min (85.8 GPM UK). Max working pressure 35 bar (508 PSI). Made of chrome-plated brass with NBR or FPM seals. Available in double or single shut-off versions.



Series 706

- **One-hand operated**
- **High-flow capacity**
- **Low connection force**

DN 19.0 mm (3/4"). Flow capacity in single shut-off version of 390 l/min (85.8 GPM UK). Max working pressure 35 bar (508 PSI). Made of stainless steel with FPM seal. Available in double or single shut-off versions.



Hose

- **Light and flexible**
- **Excellent resistance to oils, solvents, and both aqueous and non-aqueous solutions**
- **Long service life with outstanding aging qualities**

CEJN straight braided polyurethane (PUR) hose is suitable for both water and compressed air applications and is designed for working pressures up to 10 bar. It has a two-layer of blue ether based PUR and a reinforced middle layer of polyester fibre, this gives it an extended temperature range of -30 °C up to +60 °C.



Accessories

CEJN offers a wide range of hose connectors; male-to-male adapters; bushings; plugs; T-, L- and Y-pieces; and crosses for compressed air and liquid applications. A wide range of both cylindrical and conical threads is available for maximum flexibility in a variety of applications.

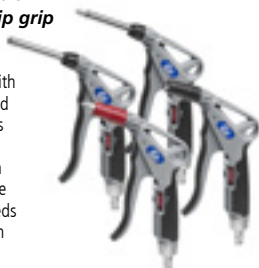


Air & Fluid Guns

Series 210 MultiFLOW Air & Fluid Gun

- **Unmatched blowing force**
- **Adjustable flow control**
- **Ergonomical, non-slip grip**

CEJN's MultiFLOW blowgun effectively cleans surfaces with air or water with unparalleled blowing force. Precise flow is achieved by adjustable flow settings. Nozzle adjusts from narrow jet to wide beam. The MultiFLOW meets and exceeds OSHA safety standards when dead-ended.



Series 208 Air & Fluid Guns

- **High blowing force**
- **Easily regulated infinite flow**
- **Ergonomic, comfortable controls**

Blowgun with ergonomic controls. Suitable for both air and non-explosive liquids. Available in several styles, including standard full-flow, noise-reducing Star-Tip, and a pressure-regulated safety version.



Air & Fluid Guns Accessories

- **Removable nozzles**
- **Extension tubes in various lengths**
- **Safety versions diverts the air when dead-ended**
- **Noise reducing versions**

Removable accessories for Series 208 and 210 blowguns. Various tubes and tips are available to meet specific application requirements.





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 @ $\Delta P = 3$ 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 @ $\Delta P = 3$ 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 @ $\Delta P = 3$ 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 3/4" to 1 1/4" 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 @ $\Delta P = 3$ bar		Max. working pressure		Material	Seal
Inch	Dash		(l/min)	(GPM)	(bar)	(PSI)		
3/4"	-12	Series 607	160	35.2	420	6091	High alloy steels with Zinc-Nickel surface	Nitrile (NBR)
1"	-16	Series 707	285	62.7	420	6091		
1 1/4"	-20	Series 807	400	88.0	420	6091		

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 @ $\Delta P = 3$ 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 @ $\Delta P = 3$ 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**



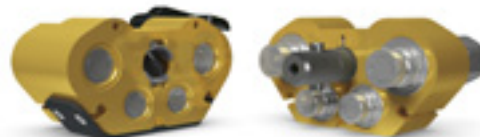
Multi-X Duo - Unique Multi solution for two lines

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		



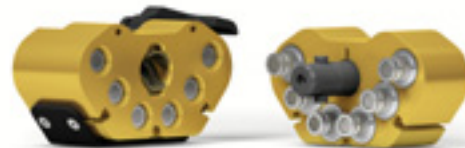
Multi-X Trio - Unique Multi solution for three lines

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 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.



Classic Range - CEJN Unique Profile

- **One-hand operated**
- **Small external dimensions**
- **Extremely low connection force**

Body Size			Type	Flow rate @ $\Delta P = 3$ bar		Max. working pressure		Material	Seal
Inch	Nom. Dia	Dash		(l/min)	(GPM)	(bar)	(PSI)		
1/4"	6.2	-04	Series 325	27	7.1	250	3625	Brass/steel	NBR
3/8"	8.9	-06	Series 415	52	13.7	250	3625		
1/2"	14.5	-08	Series 605	142	37.5	320	4641		
3/4"	19	-12	Series 705	250	66.0	320	4641		



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.

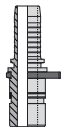


Nipples

Series 710

Straight, Nipple with Hose Connection

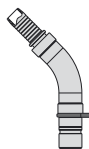
Series 710 features Plug-In nipples with straight hose connections for one/two wire braided hydraulic hose in sizes 1/4" to 1"



Series 712

45°, Nipple with Hose Connection

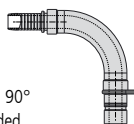
Series 712 features Plug-In nipples with 45° hose connections for one/two wire braided hydraulic hose in sizes 1/4" to 3/4"



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

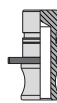
Series 722 features Plug-In nipples in size 1/4" to 1"



Series 723

Male Blind Plug

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

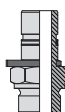


Series 724

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"

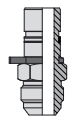


Series 727

Male UNF-Thread

ISO 8434-2 (JIC 37°- SAE J514)

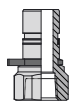
Series 727 features Plug-In nipples in size 1/4" to 3/4"



Series 729

Female NPTF-Thread

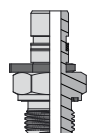
Series 729 features Plug-In nipples in size 3/8" to 3/4"



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

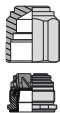
Male G-Thread DIN 3852-2 Type A

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 UN/F-Thread ISO 8434-2 (JIC 37° - SAE J514)

Series 824 features Plug-In couplings with UN/F-thread in sizes 1/4" up to 3/4"

**Series 832**

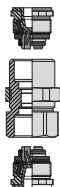
Male G-Thread, Integral NBR Rubber Seal ISO 1179-2

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 UN/F-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**

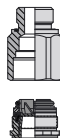
Straight Hose Connection

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**

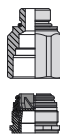
Female 24° cone, Male M-Thread ISO 8434-1

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, UN/F-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)**

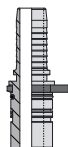
Series 800 features Plug-In Cartridge in sizes 1/4" to 3/4"



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.



Multi & Auto Products

Complete multi coupling systems or single component couplings for automation use

At CEJN we know time is money and that delays in production need to be eliminated, this is why we invented our Multi Auto system. CEJN's Multi Auto systems are the choice if you want to avoid downtime in machines due to connection and disconnection, our range allows connection and disconnection under full working pressure, keeping your production performing at all times.

GREATER FLEXIBILITY

CEJN's automation couplings for hydraulics have a flush-face, non-drip design for a leak free performance. Its unique patented design allows connection and disconnection to industrial automations with working pressures up to 300 bar (4350 PSI), making it the key to reducing costly downtime.

AUTO COUPLINGS

Our auto-couplings for compressed air proves to the industry that minimizing tool change has become our specialty. The couplings are self-sealing engaging with or without nipples. It is easy to install and offers qualities such as generous misalignment capability and reduced distance to connection. Features decreasing downtime and increasing productivity.



<http://www.cejn.com/engineering/>

Auto-Couplings Hydraulics

Black finished steel

- *Minimizes downtime*
- *For a wide variety of media*
- *Non-Drip design*

Series 915 - DN 3
Series 925 - DN 6
Series 945 - DN 8
Series 965 - DN 11
Series 975 - DN 15
Series 985 - DN 19



Auto-Couplings Pneumatics

Brass, nickel plated

- *Self-sealing couplings*
- *Generous misalignment capability*
- *Easy installation*

Series 961 - DN 2.5
Series 971 - DN 5
Series 981 - DN 10

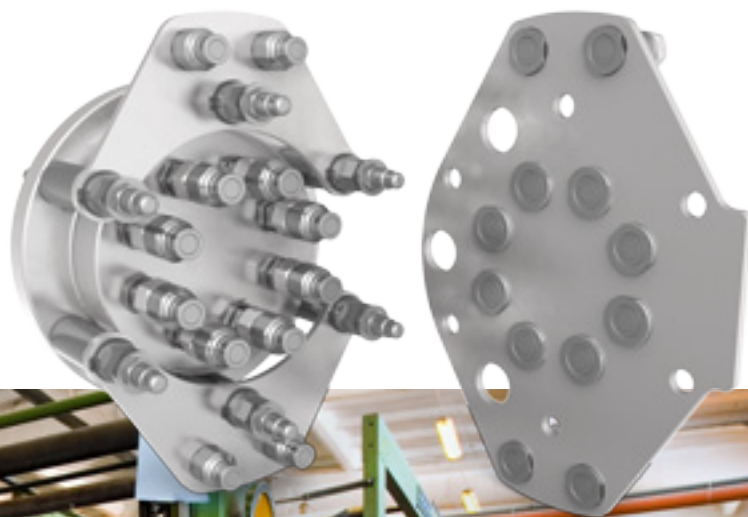


Multi-Snap

Chrome plated brass

- *Easy to connect and disconnect*
- *No leakage*
- *High flow capacity*

Multi-Snap - DN 6.2
Multi-Snap - DN 8.9





Gas Products

Dependable products for gas applications

CEJN's gas product line meets the extra stringent safety demands of gas applications. The products have an automatic safety-locking feature and double seal functions for extra safety protection, plus colour coding on both the couplings and nipples. Presented here are CEJN's couplings and nipples for gas applications.

Series 171 (CEJN Original)

Acetylene

- **Automatic safety locking feature**
- **Double seal function for extra safety**
- **Cross connection between series is impossible**

Flow capacity of 720 l/min (CFM). Max working pressure 10 bar (145 PSI). Made of yellow pickled bras/aluminium with EPDM seals. The couplings and nipples can be equipped with dust caps.



Series 172 (CEJN Original)

LP-Gas

- **Automatic safety locking feature**
- **Double seal function for extra safety**
- **Cross connection between series is impossible**

Flow capacity of 720 l/min (CFM). Max working pressure 10 bar (145 PSI). Made of yellow pickled bras/aluminium with NBR seals. The couplings and nipples can be equipped with dust caps.



Series 181 (CEJN Original)

Oxygen

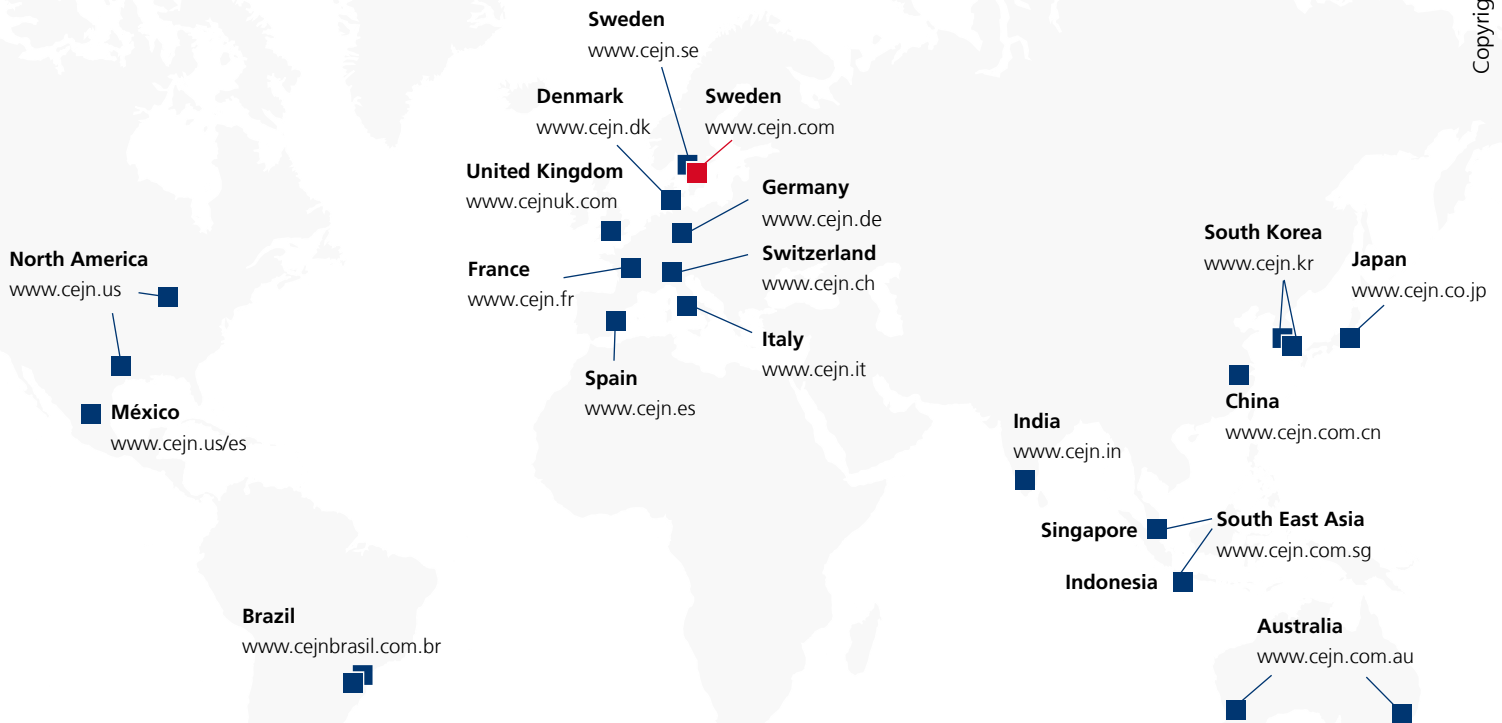
- **Automatic safety locking feature**
- **Double seal function for extra safety**
- **Cross connection between series is impossible**

Flow capacity of 720 l/min (CFM). Max working pressure 10 bar (145 PSI). Made of yellow pickled bras/ aluminium with EPDM seals. The couplings and nipples can be equipped with dust caps.



■ HEAD OFFICE

■ SALES OFFICE



Made in Sweden since 1955

We have been producing professional, high-quality and innovative quick connect couplings here at CEJN since our first patented coupling was launched in 1955. CEJN is an independent global niche company with its head office in the heart of Sweden. Over the years we have expanded to 22 locations worldwide and are supplying products and services to virtually every industry segment. At CEJN, we are united by our five core values: safety, environment, quality, innovation and performance. They are our cornerstones and define who we are, how we work, what we believe in and what we stand for.

Contact your local sales office or visit www.cejn.com for more information.



The Quick Connect
Solution Provider