

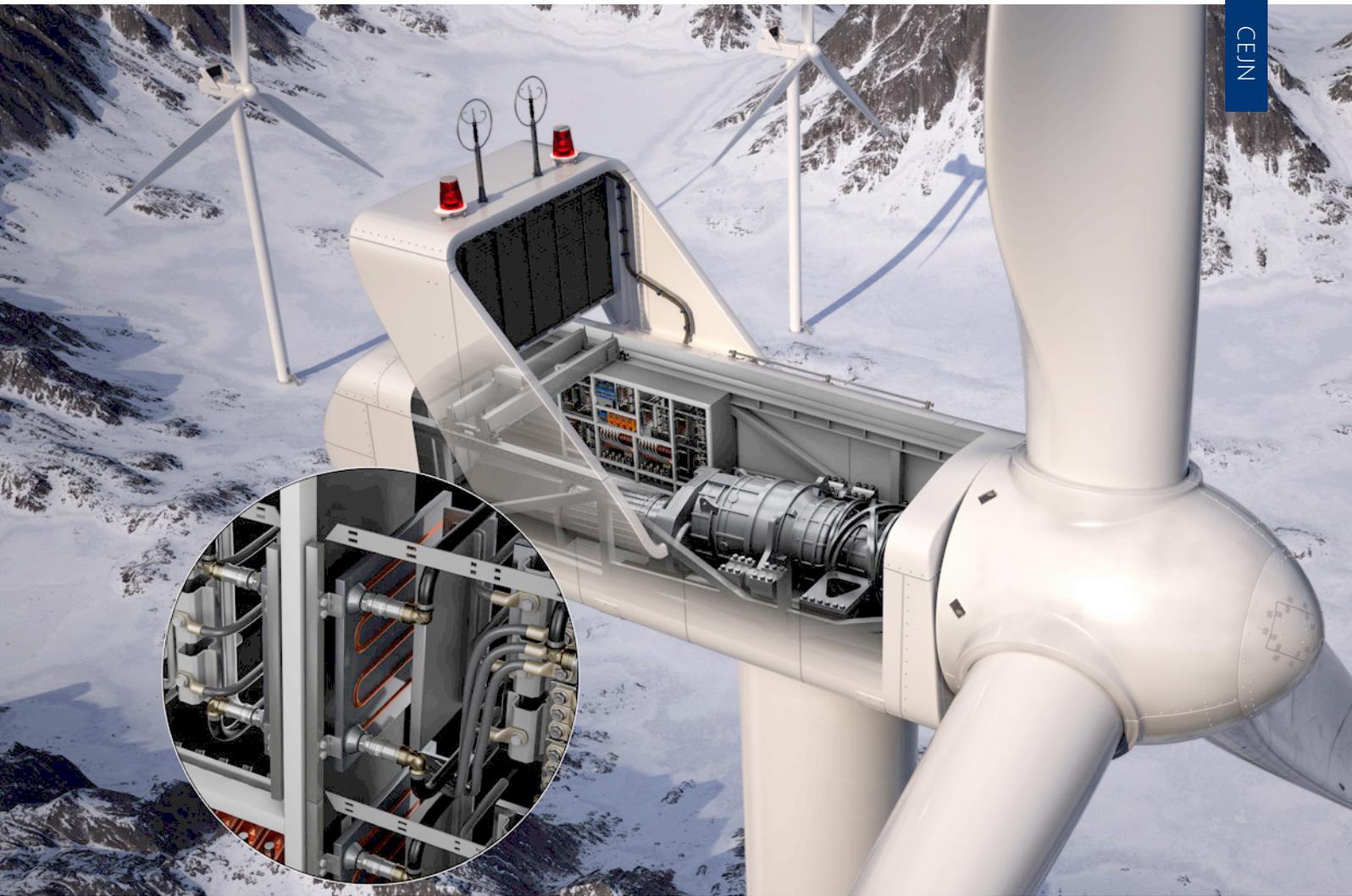


The Quick Connect  
Solution Provider

# 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

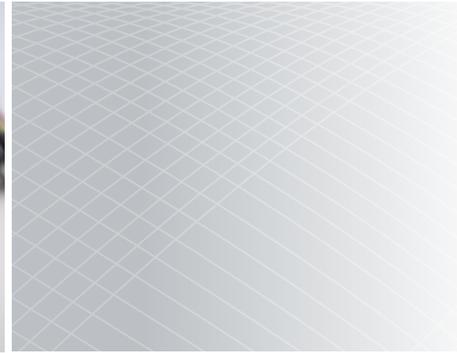
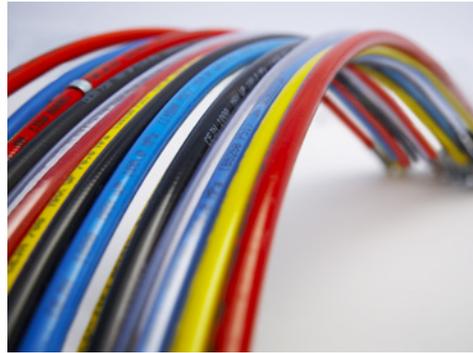
**We have maintained our roots in the heart of Sweden throughout our expansion to other markets worldwide. Born and developed through Swedish ingenuity, we have a heritage to be proud of. "Made in Sweden" is, for us, a seal of high industrial quality. Add "by CEJN", and you get the assurance of quality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

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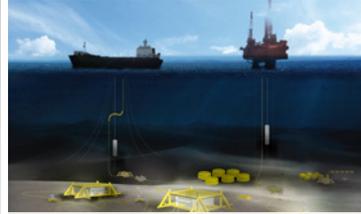
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# Engineering Solutions

- Using Quick Connect Technology



**A special Multi-X**  
A Multi-X with cooling, pneumatic and electrical connectors for press hardening and welding operation.



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.

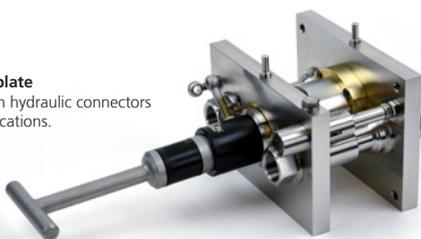
## Engineering by CEJN

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.

**Multiple quick connect STAB plate**  
Multiple quick connect plate with hydraulic connectors for ROV operated deep sea 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.

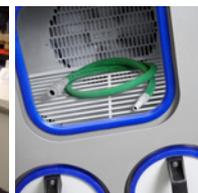
## In-house laboratory for product testing and verification



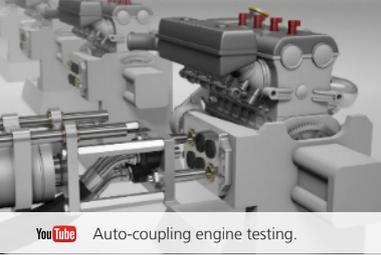
Flow test stands for hydraulic oil and water, capacity up to 300 l/min.



Impulse pressure test stand up to 4000 bar.



Climate chamber for temperature test.



[YouTube](#) Auto-coupling engine testing.

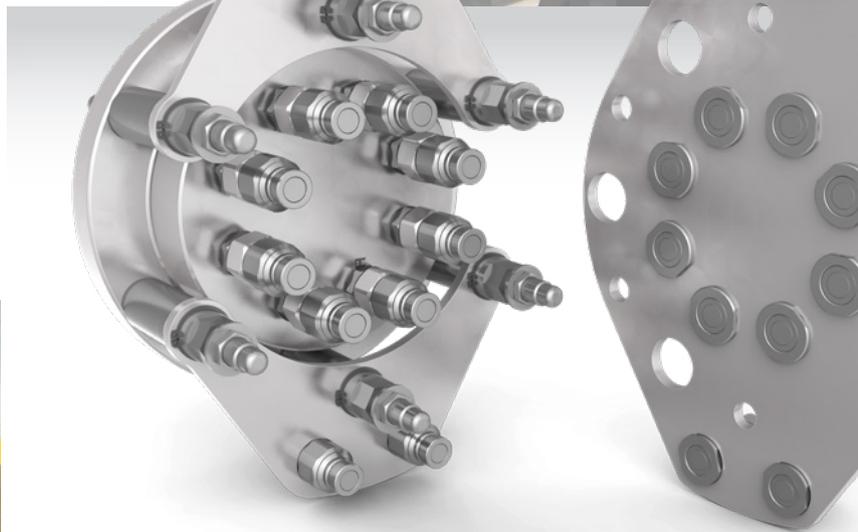
**DN 3 Auto-Coupling**

CEJN's smallest coupling for electronic cooling.



**Coupling Bracket**

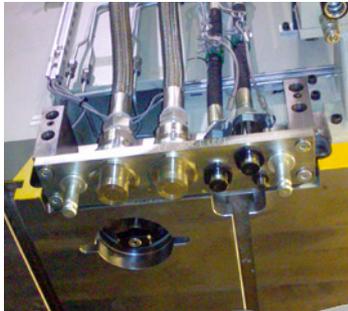
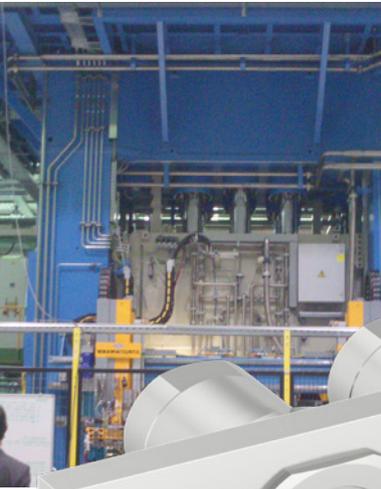
Produced using rapid prototype technology for small batch production.



[YouTube](#)

**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.



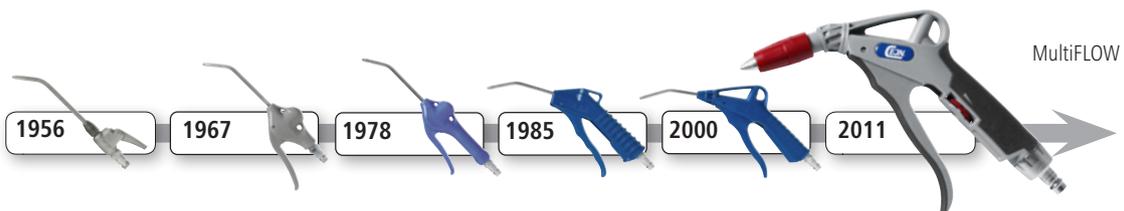
# Pneumatic Products

*Synonymous with quality, high performance and safety*

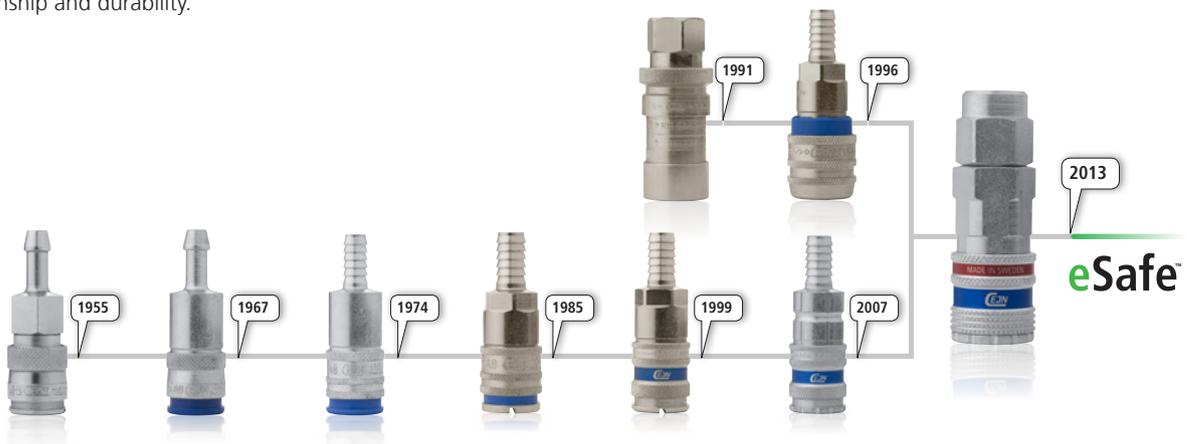
Designed and produced in Sweden, CEJN pneumatic products are the high quality choice for industries and workshops that want the best professional option on the market. Our pneumatic products result in significant reduction in energy consumption and secured tool performance. The functional design is based 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 291 (ISO 6150 C, 5.5 mm)

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

DN 5.5 mm (7/32"). Flow capacity of 1090 l/min (38.5 CFM). Max working pressure 12 bar (174 PSI). Made of zinc-plated steel/brass. ISO 6150 C Standard. Complies with safety standards ISO 4414.



eSafe™

### Series 300 (ARO 210 Standard, 5.5 mm)

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

DN 5.5 mm (7/32"). Flow capacity of 1050 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.



eSafe™

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

- 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.



eSafe™

### Series 315 (Asian standard, 7.5 mm)

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

DN 7.5 mm (5/16"). Flow capacity of 1950 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.



eSafe™

### Series 320 (CEJN Original, Eurostandard 7.4 mm)

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

DN 7.6 mm (5/16"). Flow capacity of 2250 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.



eSafe™

### Series 381 (ISO 6150 C, 8.0 mm)

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

DN 8 mm (5/16"). Flow capacity of 2450 l/min (86.5 CFM). Max working pressure 12 bar (174 PSI). Made of zinc-plated steel/brass. ISO 6150 C Standard. Complies with safety standards ISO 4414.



eSafe™

### Series 410 (CEJN Original, Eurostandard 10.4 mm)

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

DN 10.4 mm (13/32"). Flow capacity of 4000 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.



eSafe™

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

- 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.



eSafe™

**Series 471** (ISO 6150 C, 11 mm)

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

DN 11 mm (7/16"). Flow capacity of 3890 l/min (137 CFM). Max working pressure 16 bar (232 PSI). Made of zinc-plated steel/brass. ISO 6150 C Standard. Complies with safety standards ISO 4414.



eSafe™

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

- 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.



eSafe™

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

- 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.



Standard

**Series 220** (CEJN Original, 5 mm)

- 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.



Standard

**Series 315** (Asian Standard, 7.5 mm)

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

DN 7.5 mm (5/16"). Flow capacity of 1950 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.



**Multi-Link Systems**

- Compact multiple outlets
- Pre-assembled 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.



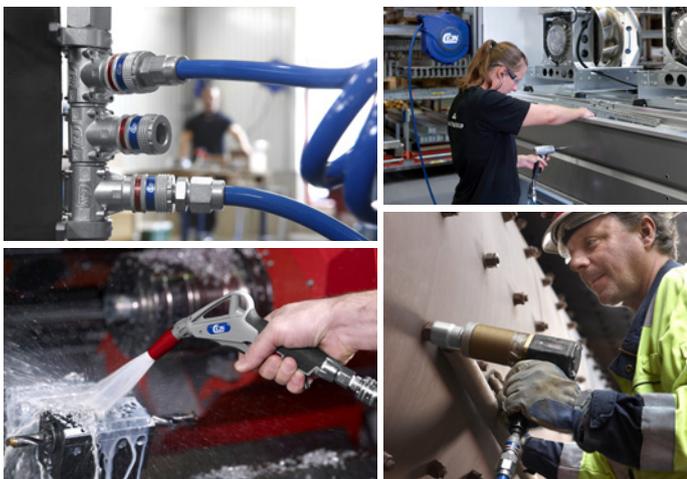
eSafe™

- Series 300 eSafe
- Series 310 eSafe
- Series 315 eSafe
- Series 320 eSafe



**Female Adapter**

G 1/2" Female thread



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](http://www.cejn.com), for general maintenance tips.

## 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

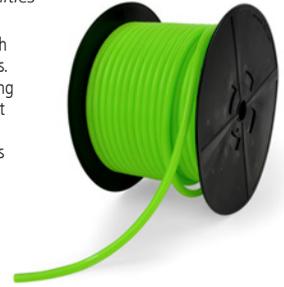
The accessory covers are designed to be added onto couplings to "soften" the edges of quick connect couplings, making them non-abrasive and less likely to cause damage to surrounding components and surfaces.



## Straight Hose – Hi-Vis PUR

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

CEJN straight braided Hi-Vis hose is designed with high visibility color to prevent tripping accidents and injuries. The 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 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 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 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 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).



## 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).



### Spiral Anti-Spark Hose

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

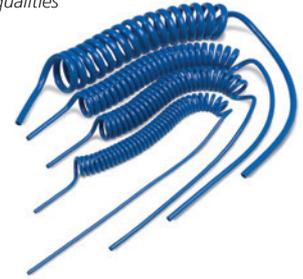
Spiral hose resistant to scorching and damage while exposed to sparks in welding or steel cutting environments. Working pressure of 10 bar (150 PSI). The hose is designed for compressed air and breathing air applications.



### 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 eSafe

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

#### Hose Kits with Series 310 eSafe

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

#### Hose Kits with Series 315 eSafe

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

#### Hose Kits with Series 320 eSafe

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

#### Hose Kits with Series 410 eSafe

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

### 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



### 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

### Compressed Air Reels – Closed

- High flow and low pressure drop
- Slow, strong retraction
- Durable construction
- Soft stop-ball prevents tripping

Closed safety reels feature a PUR hose, available in many different lengths and dimensions. They provide an extremely high flow due to their smart internal design, using high quality components to withstand heavy wear and challenging conditions.



### Water Reels – Closed

- High flow and low pressure loss
- Anti-kink design
- Hose guide and slow retraction
- Soft stop-ball to prevent tripping

Closed safety reels feature a PUR hose, available in many different lengths and dimensions. They provide an extremely high flow rate due to their smart internal design, using components that withstand corrosive environments.



## Electrical Reels – Closed

- Safety stop-ball
- Cable guiding and slow retraction
- Cable protected inside robust housing
- Complies with IP44, SS-EN 61242 and SS-EN61316

The electrical safety reel keeps your workplace safe with its high safety standards. It complies with IP44, SS-EN 61242 and SS-EN61316. Available with Schuko or CH plugs. CEJN cable reels are CE certified.



## Compressed Air Hose Reels - Open

- Slow and strong retraction
- Robust and durable steel design
- Excellent performance

CEJN's open hose reels for compressed air feature a PUR hose, available in many different lengths and dimensions. The high quality steel design has a very durable powder coat finish, which makes the reel perfect in challenging environments. The reels are also available with a rubber hose and without a hose, as an option.



## Water Reels - Open

- Slow and strong retraction
- Steel design with powder coat finish
- PUR or rubber hose

CEJN's open hose reels for water are made of high quality steel with a very durable powder coat finish, which makes the reel suitable for most corrosive environments. It is available without hose, and with a PUR or rubber hose in different lengths and dimensions.



## Hoseless Reels - Open

- Controlled rewind system
- Steel design with powder coat finish
- Unique shaft for maximum stability

CEJN's hoseless open reels are made of high quality steel, with a very durable powder coat finish, to withstand harsh environments. With the hoseless reel, the customer can choose the hose that meets their individual needs best.



## 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.



## Air Treatment (FRL)

To get the most out of your compressed air tools, equipment and machinery, a key ingredient is clean air. By using FRL products, also called air treatment system, you will keep your air supply in top condition. CEJN's FRL assortment of filters, regulators, filter-regulators and lubricators are easy to assemble as well as maintain and can be top- or side-mounted. Designed to provide constant high-quality air to your compressed air system, our air preparation units are available as stand-alone components or in complete system packages.



## 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 eSafe 300 series, 400 series and 500 series
- Easy to install
- Non-abrasive to surrounding components
- Ideal for work on delicate surfaces

CEJN Soft-Line covers, designed for users working with quick connection safety couplings in environments that is fragile for rough edges and abrasive material. The Soft-Line covers making it 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.



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# 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.



### 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.



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### 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"> <li>• Resistance to sparks from welding and grinding</li> <li>• Color green</li> <li>• Light and flexible with very good rebound qualities</li> <li>• Excellent resistance to oils, solvents and other non-aqueous solutions</li> <li>• Long service life</li> <li>• Other series couplings/nipples upon request</li> </ul>	<ul style="list-style-type: none"> <li>• Custom made lengths</li> <li>• Stainless steel ferrule</li> <li>• Color green</li> <li>• Lightweight</li> <li>• Cost effective</li> <li>• Easy handling due to its good flexibility</li> <li>• Cadmium &amp; silicone free</li> <li>• Resistant to acids, alkali and most inorganic chemicals</li> <li>• Resistance to sparks from welding and grinding</li> <li>• Long service life</li> </ul>	<ul style="list-style-type: none"> <li>• Custom made lengths</li> <li>• Stainless steel ferrule</li> <li>• Color black with green stripe</li> <li>• Marked with H (heat resistant), S (anti-static) and F (flam resistant) according to valid standards</li> <li>• Good flexibility in low temperatures</li> <li>• Antistatic, Conductive tube and cover, <math>10^3 \Omega/m &lt; R &lt; 10^8 \Omega/m</math></li> <li>• Excellent chemical resistance</li> <li>• Abrasive resistant</li> <li>• Long service life</li> </ul>
	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](http://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 ultra high-pressure products for more than five 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 400 MPa (58 000 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 400 MPa (58 000 PSI). If CEJN cannot do it, nobody can.

### QUICK-ACTION SAFETY LOCK

Our newest feature is the quick and smooth locking ring giving extended security to your connection. Screw locks are sometimes considered by users to be time consuming and left unscrewed. With The Next Generation unintentional disconnection is practically eliminated, just a quick twist of the bayonet lock and your hydraulic coupling is secured!



<p><b>Series 115</b></p> <p><b>100 MPa</b></p> <ul style="list-style-type: none"> <li>• Quick-action safety lock eliminates any risk of accidental disconnection</li> <li>• Non-drip on connection and disconnection</li> <li>• Dust caps included as standard</li> <li>• Unique sealing design</li> <li>• Nipple with hose rupture valve available</li> </ul> <p>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.</p> 	<p><b>Series 115</b></p> <p><b>Flat Face 80 MPa</b></p> <ul style="list-style-type: none"> <li>• Flat-face design</li> <li>• Non-drip on connection and disconnection</li> <li>• Dust caps included as standard</li> <li>• One-hand operated</li> <li>• Automatic safety locking device</li> <li>• Light weight design with an aluminum back-part</li> <li>• Connects with nipple series 115 standard</li> </ul> <p>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.</p> 
<p><b>Series 115</b></p> <p><b>High-Flow 80 MPa</b></p> <ul style="list-style-type: none"> <li>• Flat-face design</li> <li>• Non-drip on connection and disconnection</li> <li>• Dust caps included as standard</li> <li>• One-hand operated</li> <li>• Automatic safety locking device</li> </ul> <p>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.</p> 	<p><b>Series 116</b></p> <p><b>150 MPa</b></p> <ul style="list-style-type: none"> <li>• Quick-action safety lock eliminates any risk of accidental disconnection</li> <li>• Compact design with small outer dimensions</li> <li>• Non-drip on connection and disconnection</li> <li>• Dust caps included as standard</li> </ul> <p>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.</p> 

### Series 116 Stainless Steel

#### 150 MPa

- Quick-action safety lock eliminates any risk of accidental disconnection
- Compact design with small outer dimensions
- Non-drip on connection and disconnection
- Stainless steel
- Connects with other series 116 products
- Unique sealing design
- Dust caps included as standard

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

- Quick-action safety lock eliminates any risk of accidental disconnection
- Compact design with small outer dimensions
- Non-drip on connection and disconnection
- Unique sealing design
- Dust caps included as standard

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

#### 250 MPa

- Quick-action safety lock eliminates any risk of accidental disconnection
- Compact design with small outer dimensions
- Non-drip on connection and disconnection
- High working pressure
- Unique sealing design
- 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.



## 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 ultra high-pressure hydraulics if not handled properly can be dangerous, so it is vitally important to eliminate risk as far as possible. When using ultra 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 50 years of experience.



Read more at: [www.cejn.com/cis](http://www.cejn.com/cis)

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](http://www.cejn.com), for general maintenance tips. All measurements are in mm.

## 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.



## Series 140

### 400 MPa

- Non-drip on connection and disconnection
- Built-in safety device to avoid unintentional disconnection
- High safety factor, can withstand 600MPa
- Individual pressure tested up to max. working pressure before delivery
- Dust caps included as standard

DN 2.5mm (3/32"). Flow capacity 4.6l/min (1.0GPM UK). Max working pressure 400MPa. Made of hardened black finished steel.



## Stainless Steel Range - Adapters

### Stainless Steel Range HP (over 20k to 60k PSI)

CEJN's Stainless Steel HP range focuses on high-pressure accessories that operate safely and reliably at pressures up to 60k PSI (414MPa). Sizes are primarily based on 1/4", 3/8" and 9/16" tubes sizes, with additional sizes available upon request. Machined from acid resistant 316L stainless steel, these adapters, porting blocks, collars, and gland nuts will provide dependable service in the most extreme applications and are fully traceable. Designed and manufactured for use in traditional high-pressure applications, these components follow industry standard thread types and tolerances found in incumbent high-pressure valves, fittings and tubing.



### Stainless Steel Range MP (up to 20k PSI)

CEJN's Stainless Steel MP range focuses on high-pressure accessories that operate safely and reliably at pressures up to 20k PSI (138MPa). Sizes are primarily based on 1/4", 3/8", 9/16" and 1" tubes sizes, with additional sizes available upon request. Machined from acid resistant 316L stainless steel, these adapters, porting blocks, collars, and gland nuts will provide dependable service in the most extreme applications and are fully traceable. Designed and manufactured for use in traditional high-pressure applications, these components follow industry standard thread types and tolerances found in incumbent high-pressure valves, fittings and tubing.



### Stainless Steel Range LP (up to 15k PSI)

CEJN's Stainless Steel LP range focuses on high-pressure accessories that operate safely and reliably at pressures up to 15k PSI (103MPa). Sizes are primarily based on MP and HP 1/4", 3/8", 9/16" and 1" tubes sizes, together with JIC and NPT standards. Machined from acid resistant 316L stainless steel, these adapters, collars, and gland nuts will provide dependable service in the most extreme applications and are fully traceable. Designed and manufactured for use in traditional high-pressure applications, these components follow industry standard thread types and tolerances found in incumbent high-pressure valves, fittings and tubing.



## Series 232

### DN 6.3

- High-flow capacity
- Possible to connect under pressure
- Dust caps available
- According to ISO 14540

DN 6.3 mm (1/4"). Flow capacity of 16.1 l/min (3.5 GPM UK). Max working pressure 72 MPa (10 400 PSI). Made of zinc plated steel. Screw-to-connect couplings.



### DN 10 Ball and Poppet type

- High-flow capacity
- Possible to connect under pressure
- Dust caps available
- According to ISO 14540

DN 10 mm (3/8"). Max working pressure 72 MPa (10 400 PSI). Made of zinc plated steel. Screw-to-connect couplings. Ball type: Flow capacity of 21.2 l/min (4.7 GPM UK). Poppet type: Flow capacity of 40 l/min (8.8 GPM UK).

## Hand Pump, 70MPa

- Robust aluminium body with balanced handle
- Two stage high and low volume cylinder, reducing usage time
- Automatic spill free venting valve, no need to turn the valve to operate or to secure
- Large 1 liter oil tank capacity with easy-to-access filling point
- Double acting ready (available as an accessory)
- Pressure gauge kit (available as an accessory)

70MPa hand pump with a two stage cylinder and an automatic spill free venting valve to increase pumping efficiency.



## Accessories

### 950 CEJN Porting Blocks - 300 MPa

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 different sizes and designs with a varying number of ports.



### 950 High-Pressure Hydraulic Adapters

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



### 940 CEJN Pressure Gauges- up to 550 MPa

Bottom and panel mounted pressure gauges in models up to 5500 bar (550 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.



### 950 High-Pressure Seals - up to 150 MPa

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.



## 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) Non-conductive	70 MPa (DN 6) CEJN 060	70 MPa (DN 6)	70 MPa (DN 10)	72 MPa (DN 6)	100 MPa (DN 6)
Reinforcement	Two layers of braided high tensile aramid fibre	2 steel layers	2 steel + 2 synthetic layers	4 steel layers	4 steel layers	4 steel layers
Outer cover	TPU	Thermoplastic Polyurethane (TPU)				
Inner tube	Polyamide 11 electrically non-conductive	Polyamide (PA)				
ID x OD	6.4 x 13.8 mm	6.45 x 11.6 mm	6.4 x 12.5 mm	9.8 x 17.9 mm	6.4 x 12.5 mm	6.4 x 13.4 mm
Max. working pressure	70.0 MPa	70.0 MPa	70.0 MPa	70.0 MPa	72.0 MPa	100.0 MPa
Min. burst pressure	276.0 MPa	175.0 MPa	186.0 MPa	230.0 MPa	288.0 MPa	320.0 MPa
Min. bend radius	100 mm (3.9")	70 mm (2.8")	70 mm (2.8")	120 mm (4.7")	70 mm (2.8")	80 mm (3.1")
Weight	140 g/m (4.9 oz)	170 g/m (6.0 oz)	190 g/m (6.7 oz)	440 g/m (15.5 oz)	250 g/m (8.8 oz)	300 g/m (10.6 oz)
Temperature range	-40°C – +55°C (-40°F – +131°F)	-10°C – +80°C (14°F – +176°F)	-40°C – +100°C (-40°F – +212°F)			

	140 MPa (DN 4)	150 MPa (DN 4)	150 MPa (DN 5)	180 MPa (DN 5)	250 MPa (DN 5)	300 MPa (DN 4)	400 MPa (DN 5)
Reinforcement	2 spiral layers and 2 open spiral layers of ultra-high tensile steel wire	2 spiral layers of ultra-high tensile steel wire	2 steel layers	4 steel layers	6 steel layers	6 steel layers	8 spiral layers of maximum tensile steel wire
Outer cover	Polyurethane	Polyamide	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)
Inner tube	Polyamide (PA)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)
ID x OD	4,0 x 9,7 mm	4,0 x 7,9 mm	4,9 x 9,5 mm	4,8 x 11,6 mm	4,8 x 12,9 mm	3,9 x 12,0 mm	4,6 x 15,0 mm
Max. working pressure	140.0 MPa	150.0 MPa	150.0 MPa	180.0 MPa	250.0 MPa	300.0 MPa	400.0 MPa
Min. burst pressure	350.0 MPa	375.0 MPa	375.0 MPa	450.0 MPa	625.0 MPa	700.0 MPa	800.0 MPa
Min. bend radius	55 mm (2.2")	75 mm (3.0")	95 mm (3.7")	130 mm (5.1")	175 mm (6.9")	140 mm (5.5")	200 mm (7.9")
Weight	160 g/m (5.6 oz)	110 g/m (3.9 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)	633 g/m (22.3 oz)
Temperature range	-10°C – +70°C (14°F – +158°F)	-10°C – +70°C (14°F – +158°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)	-10°C – +70°C (14°F – +158°F)



# 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.



*Find a coupling that suits your needs*



**ULTRAFLOW SERIES**  
Durable and lightweight dry-break quick couplings



**NON-DRIP SERIES**  
Compact dry-break quick disconnect couplings



**FULL-FLOW SERIES**  
Valveless quick couplings with unrestricted flow



**BLIND-MATE SERIES**  
Dry-break quick couplings for rack installations

<b>Main features</b>	Non-drip Improved valve shut-off Low pressure drop	Non-drip Compact design One-hand operation Available with key coding	Compact design Unrestricted flow	Non-drip Self aligning Auto-coupling
<b>Dry-break design</b>	✓	✓	-	✓
<b>Flow capacity</b>	●●●●○	●●●●○	●●●●●	●●●●○
<b>Compact dimensions</b>	●●●●○	●●●●○	●●●●●	●●●●○
<b>Long-term durability</b>	●●●●●	●●●●○	●●●●●	●●●●○
<b>Material</b>	Hard anodized aluminium, Stainless steel Other material available upon request	Nickel-plated brass Stainless steel	Nickel-plated brass Stainless steel	Surface treated aluminium Nickel-plated brass Stainless steel
<b>Available accessories</b>	-	Dust caps, adapters, key coding, safety lock	Adapters	Adapters
<b>Application examples</b>	Data centres, power electronics, transportation, medical imaging, industry, renewable energy, broadcasting, radar equipment	Data centres, power electronics, transportation, medical imaging, industry, renewable energy, broadcasting, fluid transfer, chemical transfer	Power electronics, renewable energy	Data centres, power electronics, medical imaging, electric industrial vehicles, renewable energy, radar equipment

# ultraFLOW Couplings & Nipples

Power density is increasing rapidly, requiring an effective cooling solution to avoid overheating. Traditionally air has been the preferred solution, but with the fast-moving development, liquid cooling has been shown to be the most effective. However, many people worry about leaks being just as damaging as overheating in the event of an incident. This is why we have developed ultraFLOW. It is a series of fluid couplings with flat-face design to guarantee no-spill, high flow and low pressure drop for the lowest pump pressure. This will extend hardware life and keep running costs low. The ultraFLOW series is leak tested to ensure reliability for your liquid cooling solutions. It's available in hard-coated high-strength aluminum to make them lightweight and durable or in stainless steel for corrosive environments or for use with deionized water (DI water). ultraFLOW is available for connecting all types of fluid lines, whether your application involves glycol-water, dielectric fluids, engineered fluids, deionized water or mineral or synthetic heat transfer oils.



## Stainless steel (EN 1,4404/ AISI 316L)

### Series 288

Made of Stainless steel (EN 1,4404/ AISI 316L) with EPDM or Fluorosilicone seals. DN 5 mm (1/4"). Water flow capacity double shut-off Kv 1.21 (Cv 1.40). Max working pressure 10 bar (145 PSI).



### Series 588

Made of Stainless steel (EN 1,4404/ AISI 316L) with EPDM or Fluor silicone seals. DN 12 mm (1/2"). Water flow capacity double shut-off Kv 8,08 (Cv 9.30). Max working pressure 10 bar (145 PSI).



### Series 788

Made of Stainless steel (EN 1,4404/ AISI 316L) with EPDM or Fluorosilicone seals. DN 20 mm (4/5"). Water flow capacity double shut-off Kv 15.7 (Cv 18.2). Max working pressure 10 bar (145 PSI).



## Hard anodized aluminium

### Series 287

Made of Aluminium with EPDM or Fluorosilicone seals. DN 5 mm (1/4"). Water flow capacity double shut-off Kv 0.93 (Cv 1.08). Max working pressure 10 bar (145 PSI).



### Series 487

Made of Aluminium with EPDM or Fluorosilicone seals. DN 8 mm (5/16"). Water flow capacity double shut-off Kv 2.93 (Cv 3.39). Max working pressure 10 bar (145 PSI).



### Series 587

Made of Aluminium with EPDM or Fluor silicone seals. DN 12 mm (1/2"). Water flow capacity double shut-off Kv 8,08 (Cv 9.30). Max working pressure 10 bar (145 PSI).



### Series 687

Made of Aluminium with EPDM or Fluorosilicone seals. DN 15 mm (9/16"). Water flow capacity double shut-off Kv 10.3 (Cv 11.9). Max working pressure 10 bar (145 PSI).



### Series 787

Made of Aluminium with EPDM or Fluorosilicone seals. DN 20 mm (4/5"). Water flow capacity double shut-off Kv 15.7 (Cv 18.2). Max working pressure 10 bar (145 PSI).



## 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 0.39 (Cv 0.45). 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 0.39 (Cv 0.45). Max working pressure 20 bar (290 PSI).
- Series 467** Made of nickel-plated brass 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 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 (1 1/2"). Max working pressure 20 bar (290 PSI).
- Series 852** Made of electro-polished AISI 316 stainless steel. Size DN 38 mm (1 1/2"). 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, DN3 Stainless steel

This is an auto-coupling/blind-mate coupling with DN 3 mm (1/8"). Made in AISI 316 Stainless Steel, with specially developed NBR seals. Max working pressure 16 bar (232 PSI).



### DLC, DN5 Aluminum

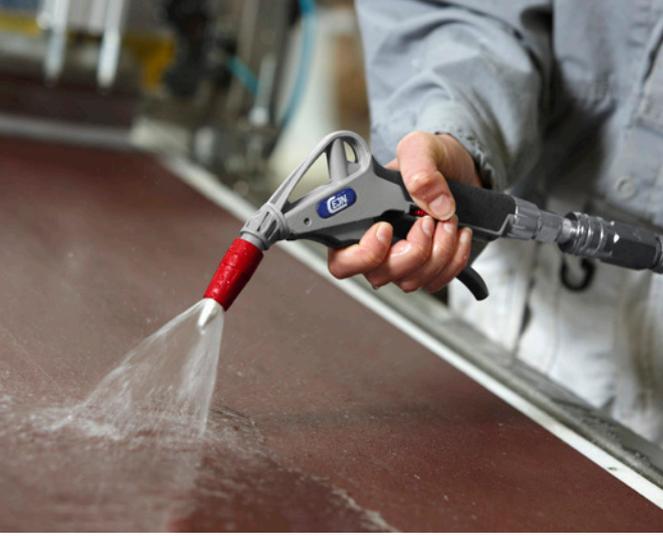
This is an auto-coupling/blind-mate coupling with DN 5 mm (3/16"). Surface treated aluminum alloy, with specially developed NBR seals. Max working pressure 10 bar (145 PSI).



### 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 20bar (290 PSI).

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](http://www.cejn.com), for general maintenance tips.



# 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** Made of nickel-plated brass. 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 921** Made of nickel-plated brass. Size DN 51 mm (2"). Max working pressure 20 bar (290 PSI).

### Stainless Steel

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

### Series 221

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



### 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 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

- 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 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.



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### 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.



### Straight Braided Water Hose

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

CEJN water hose is designed to be used with water but is also an excellent choice for compressed air in damp and wet environments. It has high impact strength and is functional in a wide temperature range. The hose easily springs back to its original form and has excellent abrasion resistance.

The first layer of the hose consists of ether-based polyurethane, the second of polyester fiber and the third of ether-based polyurethane.



### 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 ergonomical 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.

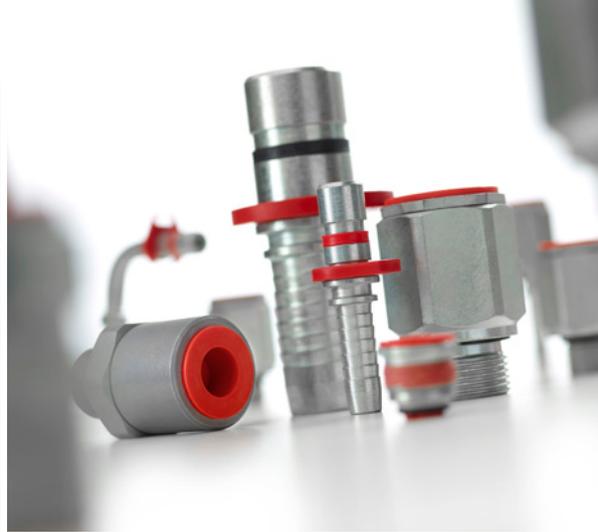


#### Air & Fluid Guns Accessories

- 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 @ 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.



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## 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.

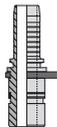


## Nipples

### 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

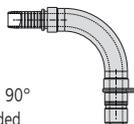
Series 712 features Plug-In nipples with 45° hose connections for one/two wire braided hydraulic hose in sizes 1/4" to 3/4"



### Series 714

90°, Nipple with Hose Connection

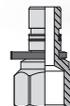
Series 714 features Plug-In nipples with 90° hose connections for one/two wire braided hydraulic hose in sizes 1/4" to 3/4"



### Series 721

Female G-Thread

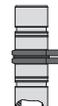
Series 721 features Plug-In nipples with female G-Thread (ISO 228/1) in size 3/8" to 3/4"



### Series 722

Double Nipples

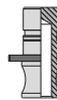
Series 722 features Plug-In nipples in size 1/4" to 1"



### Series 723

Male Blind Plug

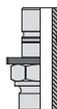
Series 723 features Plug-In blind nipples in size 1/4" to 1"



### 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"

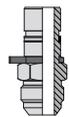


### Series 727

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

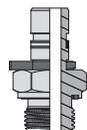
Series 729 features Plug-In nipples in size 3/8" to 3/4"



### 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

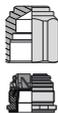
#### Series 810

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"



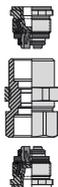
#### Series 832

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



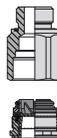
#### Series 817

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"



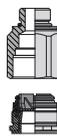
#### Series 822

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.



# Multi & Auto Products

*Complete multi coupling systems or single component couplings for automation use*

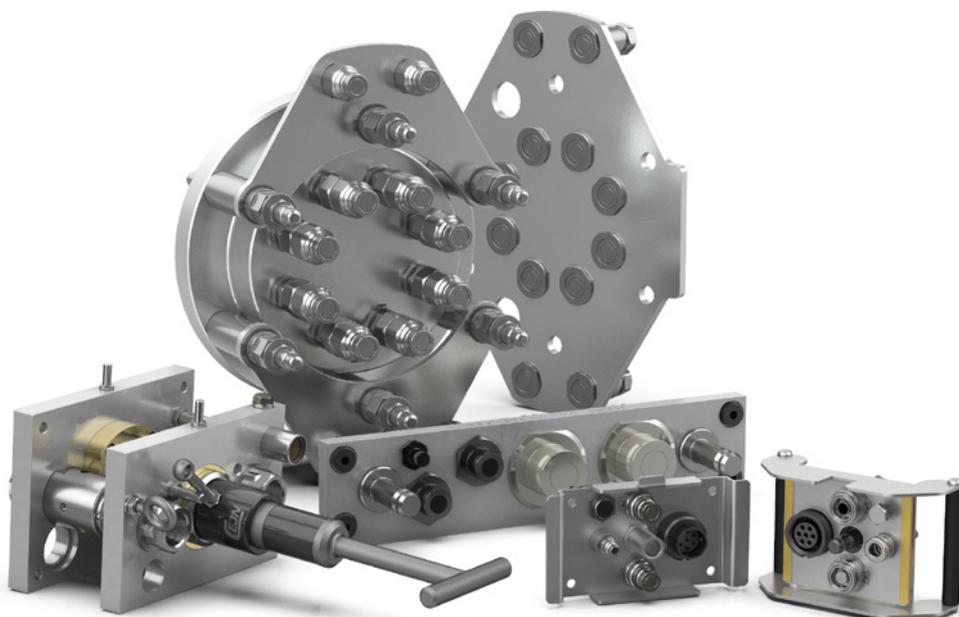
At CEJN we know time is money and that delays in production need to be eliminated, this is why we invented our Multi Auto system. CEJN's Multi Auto systems are the choice if you want to avoid downtime in machines due to connection and disconnection, our range allows connection and disconnection under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



### Auto-Couplings Hydraulics

#### Black finished steel

- Minimizes downtime
- 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



### Auto-Couplings Fluids

#### Nickel-plated brass

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

- Series 864 - DN25
- Series 924 - DN 6
- Series 944 - DN 8
- Series 964 - DN 11
- Series 974 - DN 15
- Series 984 - DN 19



### CDC - CEJN Dual Connector for Vehicles

- Multi-plate connecting compressed air and electric power
- Easy installation and operation
- Emergency pop-out function
- Universal connections for total flexibility

The optimal quick-connect solution supplying vehicles with electric power (1 phase 240 Volt 16 Amp) and compressed air during parking.



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](http://www.cejn.com), for general maintenance tips. All measurements are in mm.



# 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.





The Quick Connect  
**Solution Provider**

■ 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](http://www.cejn.com) for more information.