EJN®

The Global Quick Connect Specialist

High Quality Quick Connect Components for All Media

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CEJN

Quick Connect Products of Choice

– a reliable partner for quality solutions, yesterday, today and tomorrow

A company with long traditions of providing world markets with quick connect product solutions

CEJN has successfully manufactured couplings for air and liquid applications for close to 50 years. During this time the range has expanded from just a few products to now comprise several thousand items, all based on customer requests and new market standards.

In 1955, Carl Erik Josef Nyberg felt strongly enough about his innovative compressed air coupling that he started his own company to manufacture it. Using his initials as the company's name, Carl launched operations for CEJN in Skövde, Sweden, where the international headquarters have remained. Today you'll find CEJN manufacturing and sales operations on four continents in over 20 countries.

An extensive range of standard products for reliable service and flawless functions

Industry's strong acceptance of CEJN quick couplings around the world has made them the quality products of choice when customers need fluid systems to function without failure.

The standard product range includes quick coupling styles for applications involving the transfer of compressed air, hydraulic oils, fluids, gases, and other media. Also included in the CEJN product line are accessory products, such as adapters, fittings, hose, hose reels, air-preparation units, and blowguns.

Overall commitment to manufacture new products in line with market demands and customer requests

Using only high-quality raw material and state-of-the-art manufacturing and test equipment, CEJN operations in Skövde, Sweden, produce quick couplings that are synonymous with high quality, added value, and defect-free performance.

The company's hard-working commitment to developing new products also includes:

• Modifying existing products when higher performance standards are required – and "off-the-shelf" components won't do. By continually investing in new processes and technologies, CEJN has the capability to modify products that exceed their original performance parameters and customer expectations.

• Designing and manufacturing limited quantities of custom couplings that are needed by customers to replace troublesome products or build into new or existing applications. CEJN provides complete product solutions from design to installation-ready components that are qualified, tested, and backed by after-sale support.

Whether it's a special coupling requirement for material construction, temperature range, end connection, or flow rate, CEJN engineers analyze each requirement and determine whether to build it into an existing product or an all-new design.

Bringing problem solving and economial quick connect solutions to customers

Economical benefits have been the guideing goal for all new developments at CEJN. Presenting customers with products that will not only outperform existing products or solve connection problems but also provide a good overall economy is always the goal.

Compressed air products with high-flow capacities and low pressure drops will need a lower energy input, providing good economical benefits. Hydraulic Plug-In products removes the need for tools and re-tightnings as well as minimizes service and maintenance times, again, providing good economical benefits. This is just a few examples of benefits provided with CEJN products and how CEJN works with a clear customer focus.

Exiting future for CEJN and its customers

CEJN stands ready to take on the future with new challenges and innovative products. CEJN will continue to provide customers with quality products for as long as there is a need for quick connect products.

CEJN

Quality Approach

– a part of a successful plan

Rigorous quality controls and in-house testing facilities prove valuable assets for quality minded customers.

Working with a quality system is a matter of course for CEJN. The company headquarters in Skövde, Sweden has been certified in accordance with ISO 9001 quality system standards since 1995. The certification recognizes that the systems, processes, and written procedures in place for product development, design, manufacturing, assembly, marketing, and sales are accurate and consistent.

CEJN marketing and sales functions are managed in Europe, North and South America, Asia, Africa, and Australia by CEJN companies and by independent dealers. CEJN's quality system covers all aspects of our product range, including products made in-house as well as sourced components. The couplings and their component parts are checked at several stages during the production process – no matter where the components are manufactured.

In the case of new product developments, rigorous in-house testing and testing in the field are carried out to ensure both functionality and quality before new products are released to the market. The majority of CEJN couplings are designed with a safety factor of 4:1 for minimum burst pressure to operating pressure. In addition, a number of functional tests, including connect/disconnect, pressure, and quality inspections, are performed before CEJN products are labeled, packaged and shipped to customer locations.

Quick Connect Couplings

Flow capacity measured at inlet pressure
6 bar (87 PSI), pressure drop 0.5 bar (7 PSI)

Series 141 – CEJN Original Miniature Standard

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 86 l/min. (3.0 CFM)
Max. working pressure: 10 bar (145 PSI)
Connections: Female/male thread, hose connection
Coupling: Chrome-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- Extremely small external dimensions

Series 220 – CEJN Original Standard

Nominal flow dia.: 5 mm (3/16")
Flow capacity: 580 l/min. (20.5 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection
Coupling: Nickel-plated brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- High-flow capacity
- Small external dimensions
- Brass nipples available, series 221
- Valved nipple available, series 225

Series 300 – (ARO 210)

Nominal flow dia.: 5.5 mm (7/32")
Flow capacity: 1050 l/min. (37.1 CFM)
Max. working pressure: 140 bar (20330 PSI)
Connections: Female/male thread, hose connection Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- High-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- Small external dimensions
- Pre-applied thread sealant
- Low connection force
- Available in Soft-Line version

Series 300 – Vented

Nominal flow dia.: 5.5 mm (7/32")
Flow capacity: 975 l/min. (34.4 CFM)
Max. working pressure: 12 bar (174 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: (see Series 300)

Features and other versions:
- Full automatic operation
- Low connection force
- Low noise level during disconnection
- Complies with standards; ISO 4414 and EN 983
- Available in Soft-Line version
- Connects with nipple series 300

Series 303

Nominal flow dia.: 6.5 mm (1/4")
Flow capacity: 1450 l/min. (51.2 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- Pre-applied thread sealant
- High-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- Low connection force

Series 310 – (A-A 59439, ISO 6150 B)

Nominal flow dia.: 5.3 mm (7/32")
Flow capacity: 925 l/min. (32.7 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread, hose connection Stream-Line, CEJN-Lock
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- High-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- Small external dimensions
- Pre-applied thread sealant
- Low connection force
- Available in Soft-Line version

Series 310 – Vented

Nominal flow dia.: 5.3 mm (7/32")
Flow capacity: 900 l/min. (31.8 CFM)
Max. working pressure: 12 bar (174 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: (see Series 310)

Features and other versions:
- Full automatic operation
- Low connection force
- Low noise level during disconnection
- Complies with standards; ISO 4414 and EN 983
- Available in Soft-Line version
- Connects with nipple series 310

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Series 315 — (Asian Standard)

Nominal flow dia.: 7.5 mm (5/16”)
Flow capacity: 1950 l/min. (68.9 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- High-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- Pre-applied thread sealant
- Low connection force

Series 320 – CEJN Original Standard (Eurostandard 7.6 (7.4))

Nominal flow dia.: 7.6 mm (5/16”)
Flow capacity: 2100 l/min. (74.2 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread, hose connection, Stream-Line, CEJN-Lock
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- Extremely high-flow capacity
- Large range of connections
- Anti-hose whip nipples
- All brass version available, series 321
- Pre-applied thread sealant
- Low connection force
- Available in Soft-Line version

Series 320 – Vented

Nominal flow dia.: 7.6 mm (5/16”)
Flow capacity: 1900 l/min. (67.1 CFM)
Max. working pressure: 12 bar (174 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: (see Series 320 Standard)

Features and other versions:
- Full automatic operation
- Low connection force
- Low noise level during disconnection
- Complies with standards; ISO 4414 and EN 983
- Available in Soft-Line version
- Connects with nipple series 320

Series 320 Aluminum – CEJN Original Standard

Nominal flow dia.: 7.6 mm (5/16”)
Flow capacity: 2100 l/min. (74.2 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female thread, hose connection, Stream-Line
Coupling: Aluminum
Nipple: (see Series 320 Standard)

Features and other versions:
Ultra light
- Extra lightweight, weighs 50% less then standard 320
- One-hand operated
- Extremely high-flow capacity
- Pre-applied thread sealant
- Low connection force
- Connects with nipple series 320 standard

Series 342 – CEJN Original Standard

Nominal flow dia.: 7.4 mm (9/32”)
Flow capacity: 1950 l/min. (68.9 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated to connect
- Automatic safety locking feature
- Large range of connections
- Anti-hose whip nipples available

Series 408

Nominal flow dia.: 9.5 mm (3/8”)
Flow capacity: 3450 l/min. (121.8 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- Extremely high-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- Low connection force

Series 410 – CEJN Original Standard (Eurostandard 10.4)

Nominal flow dia.: 10.4 mm (13/32”)
Flow capacity: 3900 l/min. (137.7 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- Extremely high-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- All brass version available, series 411
- Low connection force

Series 410 – Vented

Nominal flow dia.: 10.4 mm (13/32”)
Flow capacity: 3700 l/min. (130.7 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: (see Series 410)

Features and other versions:
- Full automatic operation
- Low connection force
- Low noise level during disconnection
- Complies with standards; ISO 4414 and EN 983
- Connects with nipple series 410

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Series 430 – (A-A 59439, ISO 6150 B)

Nominal flow dia.: 8.2 mm (5/16")
Flow capacity: 2350 l/min. (83.0 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread,
hose connection, Stream-Line
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- High-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- Low connection force

Series 442 – CEJN Original Standard

Nominal flow dia.: 10.4 mm (13/32")
Flow capacity: 3950 l/min. (139.5 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated to connect
- Automatic safety locking feature
- Large range of connections
- Anti-hose whip nipples available

Series 550 – (A-A 59439, ISO 6150 B)

Nominal flow dia.: 11 mm (7/16")
Flow capacity: 3750 l/min. (132.4 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection
Coupling: Zinc-plated steel/brass
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- Extremely high-flow capacity
- Large range of connections
- Anti-hose whip nipples available
- Vented version, series 555
- Extremely small external dimensions
- Low weight
- Low connection force

Series 550 – Vented

Nominal flow dia.: 11 mm (7/16")
Flow capacity: 3200 l/min. (113.0 CFM)
Max. working pressure: 16 bar (232 PSI)
Connections: Female/male thread,
hose connection
Coupling: Zinc-plated steel/brass
Nipple: (see Series 550)

Features and other versions:
- Full automatic operation
- High-flow capacity
- Large range of connections
- Complies with standards;
  ISO 4414 and EN 983
- Connects with nipple series 550
- Extremely low connection force
- Low noise level during disconnection

Button Couplings

Flow capacity measured at inlet pressure
6 bar (87 PSI), pressure drop 0.5 bar (7 PSI)

Series 291 – Vented, (ISO Standard 6150 C)

Nominal flow dia.: 5.5 mm (7/32")
Flow capacity: 640 l/min. (22.6 CFM)
Max. working pressure: 12 bar (174 PSI)
Connections: Female/male thread,
hose connection
Coupling: Steel
Nipple: Nickel-plated steel

Features and other versions:
- Large range of connections
- One-hand operated
- High-flow capacity

Series 381 – Vented, (ISO Standard 6150 C)

Nominal flow dia.: 8.0 mm (5/16")
Flow capacity: 1050 l/min. (37.1 CFM)
Max. working pressure: 10 bar (145 PSI)
Connections: Female/male thread,
hose connection
Coupling: Steel
Nipple: Nickel-plated steel

Features and other versions:
- Large range of connections
- One-hand operated
- High-flow capacity

Series 471 – Vented, (ISO Standard 6150 C)

Nominal flow dia.: 11 mm (7/16")
Flow capacity: 2350 l/min. (83.0 CFM)
Max. working pressure: 8 bar (116 PSI)
Connections: Female/male thread,
hose connection
Coupling: Steel
Nipple: Nickel-plated steel

Features and other versions:
- Large range of connections
- One-hand operated
- High-flow capacity

Coupling with valve: Nipple with valve: Coupling without valve: Nipple without valve:

Blowguns

Airflow measured at inlet pressure 6 bar (87 PSI)

Series 208 – Blowgun

Airflow: 500 l/min (17.7 CFM)*
Max. working pressure: 16 bar (232 PSI)*
Connections: 1/4" Female thread
Weight: 112 g. (3.6 oz)*
Material: POM (body), brass (valve)

Features and other versions:
- Noise reduced version with Star-Tip tube available
- Safety gun with air regulator available
- Ergonomical design
- Insulated and hard-wearing
- Large range of nozzles and tubes available
- Complies with OSHA directives #100-1**
- Complies with EU machine directive §1.5.8**

* Version with 90 mm standard tube
** Applies to some versions

Hose

Straight Braided Hose

Size (IDxOD mm): 6.5x10, 8x12, 9.5x13.5, 11x16, 13x18
Max. working pressure: Up to 16 bar (232 PSI)
Material: Ester-based Polyurethane
reinforced with polyester fibre

Features and other versions:
- Wide temperature range
- Light and flexible
- Very good rebound qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions

Straight Non-Braided Hose

Size (IDxOD mm): 6.5x10, 8x12, 9.5x13.5, 11x16
Max. working pressure: 10 bar (145 PSI)
Material: Ester-based Polyurethane

Features and other versions:
- Wide temperature range
- Light and flexible
- Very good rebound qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions

Straight Braided Electrically Conductive Hose

Size (IDxOD mm): 6.5x10, 8x12, 11x16
Max. working pressure: 16 bar (232 PSI)
Material: Ester-based Polyurethane
reinforced with polyester fibre

Features and other versions:
- Wide temperature range
- Light and flexible
- Very good rebound qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions.
- Anti-static shield feature with an integral wire that dissipates electro-static discharges

Straight Braided Anti-Spark Hose

Size (IDxOD mm): 6.5x10, 8x12, 11x16
Max. working pressure: Up to 14 bar (203 PSI)
Material: Ester-based Polyurethane
reinforced with polyester fibre

Features and other versions:
- Wide temperature range
- Light and flexible
- Very good rebound qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions
- Resistant to sparks and scorching

Straight Braided Hose for Water

Size (IDxOD mm): 8x12, 11x16
Max. working pressure: 10 bar (145 PSI)
Material: Ether-based Polyurethane
reinforced with polyester fibre

Features and other versions:
- Wide temperature range
- Light and flexible
- Very good rebound qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and both non-aqueous and aqueous solutions

Coupling with valve: Nipple with valve: Coupling without valve: Nipple without valve:

Spiral Non-Braided Hose

Size (IDxOD mm): 5x8, 6.5x10, 8x12, 11x16
Length: from 2.5 to 10 m (from 8 to 33 ft)
Max. working pressure: 10 bar (145 PSI)
Material: Ester-based Polyurethane

Features and other versions:
- Wide temperature range
- Light and flexible
- Excellent recoil qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions

Spiral Non-Braided Anti-Spark Hose

Size (IDxOD mm): 6.5x10, 8x12
Length: from 2.5 to 10 m (from 8 to 33 ft)
Max. working pressure: 10 bar (145 PSI)
Material: Ester-based Polyurethane

Features and other versions:
- Wide temperature range
- Light and flexible with very good rebound qualities
- Long life cycle with outstanding aging qualities
- High impact strength abrasion resistant
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions
- Resistant to sparks and scorching
- ***APPROVED*** *according to EN 12419:1999 and EN 1835:1999 for breathing air use, when used with approved breathing air filters and masks*

PUR Hosekits

Size (IDxOD mm): 5x8, 6.5x10, 8x12, 11x16
Length: from 2 to 20 m (from 6.5 to 65.5 ft)
Max. working pressure: differs between sizes
Hose: Straight braided, Straight non-braided or Spiral
Connections: Series 300, 310, 320 or adapters

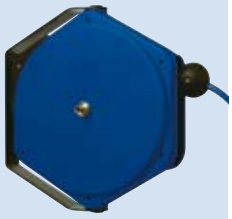
Features and other versions:
- Wide temperature range
- Light and flexible with very good rebound qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions
- Kits with accessories and blowguns available
- Wide range of hose and connection mixes available

Hose and Cable Reels

Hose Reels for Compressed Air

Hose dimension (mm): 6.5x10, 8x12, 9.5x13.5, 11x16
Hose: Braided PUR
Reel diameter: 330 mm, 430 mm
Hose length: from 7 to 16 m (from 23 to 52.5 ft)
Max. working pressure: Up to 16 bar (232 PSI)

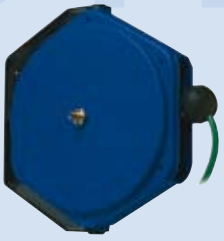
Features and other versions:
- Available in several casing sizes, hose dimensions and lengths
- Enclosed housing for reel mechanism protection
- Specially prepared hose ensures flawless feeding action
- CE marked and complies with 89/392/EEC
- Continuous feeding action possible when disengagning stop function
- For ceiling or wall-mounting, swivels 300°
- Available with Anti-Spark hose (9.5x13.5 mm)



Hose Reels for Water

Hose dimension (mm): 9.5x13.5
Hose: Braided PUR
Reel diameter: 430 mm
Hose length: 14 m (46 ft)
Max. working pressure: 9 bar (130 PSI)

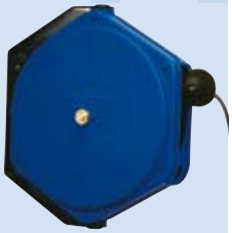
Features and other versions:
- Enclosed housing for reel mechanism protection
- Specially prepared hose ensures flawless feeding action
- CE marked and complies with 89/392/EEC
- For ceiling or wall-mounting, swivels 300°



Cable Reels

Cable: PVC
Reel diameter: 330 mm, 430 mm
Cable length: 10 and 17 m (33 and 56 ft)
Current: 10 and 16 ampere
Voltage: 230 V
Connections: Schuko and CH plug
Power output: 1000 W (fully wound), 3500 W (fully unwound)

Features and other versions:
- Enclosed housing for reel mechanism protection
- CE marked and complies with 89/392/EEC
- Approved by TÜV (versions with CH plugs also approved by SEV)
- Continuous feeding action possible when disengagning stop function
- For ceiling or wall-mounting, swivels 300°



Accessories

Coupling with valve: Nipple with valve: Coupling without valve: Nipple without valve:

Adapters

Max. working pressure: 35 bar (508 PSI)
Material: Plated brass

Features and other versions:
- Wide range of connections
- Plated for better protection against corrosion

Series 900 – Soft-Line

Material: Chloroprene

Features and other versions:
- Available as accessories for standard coupling series that doesn't feature integrated soft-line versions
- Available for series 303, 310, 315, 320
- Non-abrasive to surrounding components
- Ideal for work on delicate surfaces
- Easy to install
- Delivered with assembly tool
- Wide temperature range

Series 902 – Multi-Link

Max. working pressure: 10 bar (145 PSI)
Material: Nickel-plated brass

Features and other versions:
- Up to six sections can be connected
- Simple assembly
- Stop valve available for the use of two media in the same unit
- Available with integral quick-couplings series 300, 305, 310, 315 and 320
- Also available with female thread adapter

Series 903 – FRL

– Filters – Regulators – Lubricators
– Filterregulators – Combined systems
Max. working pressure: 16 bar (130 PSI)

Features and other versions:
- 4 body sizes
- High flow rates
- Hard-wearring materials
- Filtration capacity down to 0.01 µm
- Regulating pressures between 0.5 and 12 bar (7 and 174 PSI)
- Rolling diaphragm for precision regulation and low hysterisis, less then 0.2 bar (3 PSI)
- Selective oil fog lubrication
- Several system combinations available

Air Treatment Components

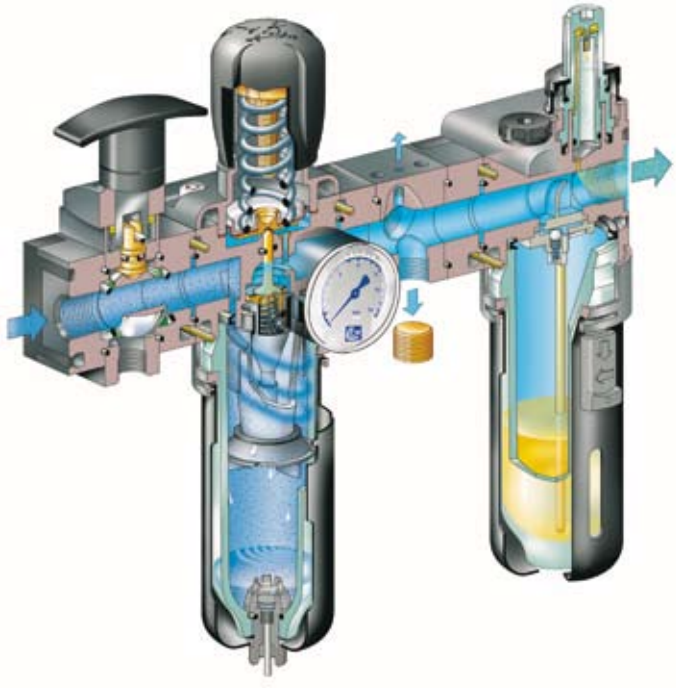
Series 903 – FRL

CEJN FRL products are designed to provide constant high-quality air whitin compressed air systems. High-quality air achieved by FRL components results in important benefits to tools and machines, including decreased downtime, minimized wear and tear, and increased lifespann.

FRLs – often called air-preparation devices – have important functions in the compression cycle. When installed correctly, they ensure smooth, economical operation without interruption and a reliable energy source.

CEJN offers filter, regulator, and lubricator products as stand-alone components or in complete system packages.

From FRL units to compressed air couplings, CEJN offers all the necessary components to ensure reliable compressed air performance wordwide.



Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Quick Connect Couplings

Series 171 – CEJN Original Standard

Nominal flow dia.: 5 mm (3/16”)
Max. working pressure: 10 bar (145 PSI)
Connections: Female, hose connection
Coupling: Yellow pickled brass, aluminum
Nipple: Yellow pickled brass, aluminum

Features and other versions:
- Automatic safety locking device
- Double seal function for extra safety
- Available with left- or right hand threads
- Cross connection between series impossible
- Color-coded acc. to international standards
- Series 171 red – acetylene

Series 172 – CEJN Original Standard

Nominal flow dia.: 5 mm (3/16”)
Max. working pressure: 10 bar (145 PSI)
Connections: Female, hose connection
Coupling: Yellow pickled brass, aluminum
Nipple: Yellow pickled brass, aluminum

Features and other versions:
- Automatic safety locking device
- Double seal function for extra safety
- Cross connection between series impossible
- Color-coded acc. to international standards
- Series 172 orange – LP-gas

Series 181 – CEJN Original Standard

Nominal flow dia.: 5 mm (3/16”)
Max. working pressure: 10 bar (145 PSI)
Connections: Female, hose connection
Coupling: Yellow pickled brass, aluminum
Nipple: Yellow pickled brass, aluminum

Features and other versions:
- Automatic safety locking device
- Double seal function for extra safety
- Cross connection between series impossible
- Color-coded acc. to international standards
- Series 181 blue – oxygen gas

Gas Collection

Series 171, 172 and 181

Quick couplings for gas is the smallest product area for CEJN, but is by no means less important then any other. CEJN’s gas range was first introduced in the late 70’s after a customer request for couplings for welding equipment.

The product range feature automatic safety locking, double seal functions for extra safety and color-coding on both coupling and nipple. Vitally important is also the non-interchangeability feature preventing unintentional connection between different gas lines, preventing, potentially, dangerous compounds from mixing.

All CEJN products for gas applications are made in brass to prevent hazardous sparks. With gas applications safety always comes first, no shortcuts are allowed. CEJN’s normally very stringent tests during assembly and before shipment are extra valuable for this segment.

Made in brass and aluminum with nitrile or EPDM seals, the couplings are suited for most gas applications and environments, such as welding equipment both indoors and outdoors, gas burners and hot air balloons. The main markets for our range is Scandinavia and Germany even though the products are sold throughout the CEJN group worldwide.

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Quick Connect Couplings

Flow capacity measured at inlet pressure
6 bar (87 PSI), pressure drop 0.5 bar (7 PSI)

Series 141 – CEJN Original Miniature Standard

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 86 l/min. (3.0 CFM)
Max. working pressure: 10 bar (145 PSI)
Connections: Female/male thread,
hose connection
Coupling: Chrome-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- Extremely small external dimensions
- Suitable for supply of liquids in closed units

Series 221 – CEJN Original Standard

Nominal flow dia.: 5 mm (3/16")
Flow capcity: 580 l/min. (20.5 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection
Coupling: Chrome-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- High flow capacity
- Small external dimensions
- Double shut-off version, series 225

Series 341 – CEJN Original Standard

Nominal flow dia.: 7.4 mm (9/32")
Flow capacity: 1950 l/min. (69 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- One-hand operated to connect
- Automatic safety locking feature
- Large range of connections available
- Extremely high flow capacity

Series 342 – CEJN Original Standard

Nominal flow dia.: 7.4 mm (9/32")
Flow capacity: 1950 l/min. (69 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection, Stream-Line
Coupling: Nickel-plated brass/steel
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated to connect
- Extremely high flow capacity
- Automatic safety locking feature
- Large range of connections available

Series 344 – CEJN Original Standard

Nominal flow dia.: 7.4 (9/32")
Flow capcity: 1950 l/min. (69 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- One-hand operated to connect
- Automatic safety locking feature
- Large range of connections available
- Extremely high flow capacity
- Light weight
- Stainless steel nipples available

Series 345 – CEJN Original Standard

Nominal flow dia.: 6.2 mm (1/4")
Flow capacity: 1100 l/min. (39 CFM)
Max. working pressure: 35 bar (500 PSI)
Connections: Female/male thread,
hose connection
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- One-hand operated to connect
- Automatic safety locking feature
- Large range of connections available
- Extremely high flow capacity

Series 346 – CEJN Original Standard

Nominal flow dia.: 7.4 mm (9/32")
Flow capacity: 800 l/min. (28 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection
Coupling: Stainless steel
Nipple: Stainless steel

Features and other versions:
- One-hand operated to connect
- Automatic safety locking feature
- Large range of connections available
- Extremely high flow capacity

Coupling with valve:
Nipple with valve:
Coupling without valve:
Nipple without valve:

Series 347 – CEJN Original Standard

Nominal flow dia.: 6.2 mm (1/4")
Flow capacity: 1100 l/min. (39 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection, Stream-Line
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- One-hand operated to connect
- High flow capacity
- Automatic safety locking feature

Series 348

Nominal flow dia.: 4.1 mm (5/32")
Flow capacity: 650 l/min. (23 CFM)
Max. working pressure: 10 bar (145 PSI)
Connections: Hose connection
Coupling: Nickel-plated brass/stainless steel
Nipple: Stainless steel body/nickel-plated brass

Features and other versions:
- One-hand operated to connect
- Stainless steel valve opener
- Automatic safety locking feature

Series 441 – CEJN Original Standard

Nominal flow dia.: 10.4 mm (13/32")
Flow capacity: 3950 l/min. (140 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- One-hand operated to connect
- High flow capacity
- Automatic safety locking feature

Series 442 – CEJN Original Standard

Nominal flow dia.: 10.4 mm (13/32")
Flow capacity: 3950 l/min. (140 CFM)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection
Coupling: Nickel-plated brass/steel
Nipple: Hardened zinc-plated steel

Features and other versions:
- One-hand operated
- High flow capacity
- Automatic safety locking feature

Hose

Spiral Non-Braided Anti-Spark Hose

Size (IDxOD mm): 6.5x10, 8x12
Length: from 2.5 to 10 m (from 8 to 33 ft)
Max. working pressure: 10 bar (145 PSI)
Material: Ester-based Polyurethane

Features and other versions:
- Wide temperature range
- Light and flexible with very good rebound qualities
- Long life cycle with outstanding aging qualities
- High impact strength abrasion resistant
- High tensile and tear strength
- Resistant to oils, solvents and other non-aqueous solutions
- Resistant to sparks and scorching

***APPROVED** according to EN 12419:1999 and EN 1835:1999 for breathing air use, when used with approved breathing air filters and masks*

Breathing Air

Series 347 Collection

CEJN Series 347 features a double shut-off valve and will not interchange with any other CEJN coupling. This feature is critical escpecially in manufacturing environments were compressed air lines and breathing air lines must not be crossconnected. The locking sleeve of Series 347 couplings is coded with a green marking that indicates to users that the couplings are non-compatible with other series.

Series 347 have a working pressure of 35 bar (508 PSI) and offer many of the design features of CEJN's range of breathing air couplings. These features include a high-flow capacity valve, an integrated safety mechanism that prevents unintentional disconnection, and an easy-to-grip locking sleeve.

In addition to manufacturing environments, Series 347 couplings are also ideal for applications that require a closed system in disconnected mode, such as diving equipment that utilizes surface air.

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Quick Connect Couplings

Flow capacity measured at 4 bar (58 PSI) pressure drop

Series 141 – CEJN Original Miniature Standard

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 3.5 l/min (0.77 GPM uk)
Max. working pressure: 10 bar (145 PSI)
Connections: Female/male thread, hose connection
Coupling: Chrome-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- Extremely small external dimensions

Series 220/221 – CEJN Original Standard

Nominal flow dia.: 5 mm (3/16")
Flow capacity: 26 l/min (5.72 GPM uk)
Max. working pressure: 35 bar (500 PSI)
Connections: Female/male thread, hose connection
Coupling: Nickel-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- High-flow capacity
- Small external dimensions
- Steel nipple, series 220
- Brass nipple, series 221
- Double shut-off version, series 225
- Valveless couplings available on request

Series 225

Nominal flow dia.: 3 mm (1/8")
Flow capacity: 8 l/min (1.76 GPM)
Max. working pressure: 35 bar (500 PSI)
Connections: Female thread
Coupling: Chrome-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operation
- High-flow capacity
- Small external dimensions
- Double shut-off version

Series 267 – Non-Drip

Nominal flow dia.: 4 mm (5/32")
Flow capacity: 17 l/min (3.7 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Stainless steel version, series 277

Series 277 – Non-Drip

Nominal flow dia.: 4 mm (5/32")
Flow capacity: 17 l/min (3.7 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Nickel plated brass version, series 267

Series 321 – CEJN Original Standard

Nominal flow dia.: 7.4 mm (9/32")
Flow capacity: 78 l/min (17.1 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread,
hose connection, Stream-Line
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- One-hand operated
- Extremely high-flow capacity
- Large range of connections

Series 322 – CEJN Original Standard

Nominal flow dia.: 7.4 mm (9/32")
Flow capacity: 90 l/min (19.8 GPM uk)
Max. working pressure: 200 bar (2900 PSI)
Connections: Female/male thread
Coupling: Nickel-plated brass/steel
Nipple: Hardened steel, yellow zinc-plated

Features and other versions:
- One-hand operated
- High burst/working pressure
- Extremely high-flow capacity
- Nipples, chemically nickel-plated steel available on request

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Series 324 – CEJN Original Standard

Nominal flow dia.: 6.2 mm (1/4")
Flow capacity: 42 l/min. (9.2 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- One-hand operated
- Double shut-off version
- Small external dimensions
- Dust caps included as standard
- Stainless steel version, series 326
- Couplings also connects with valveless nipple series 321

Series 326 – CEJN Original Standard

Nominal flow dia.: 6.2 mm (1/4")
Flow capacity: 28 l/min. (6.2 GPM uk)
Max. working pressure: 70 bar (1015 PSI)
Connections: Female/male thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- One-hand operated
- Small external dimensions
- Dust caps included as standard
- All brass version, series 324
- Nipples with or without valve available

Series 411 – CEJN Original Standard

Nominal flow dia.: 10.4 mm (13/32")
Flow capacity: 156 l/min. (34.3 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection
Coupling: Nickel-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- Extremely high-flow capacity
- Large range of connections

Series 412 – CEJN Original Standard

Nominal flow dia.: 10.4 mm (13/32")
Flow capacity: 167 l/min. (36.7 GPM uk)
Max. working pressure: 200 bar (2900 PSI)
Connections: Female/male thread
Coupling: Nickel-plated steel/brass
Nipple: Hardened steel, zinc-plated

Features and other versions:
- One-hand operated
- Extremely high-flow capacity
- Nipples, chemically nickel-plated steel available on request
- Valveless nipples available

Series 414 – CEJN Original Standard

Nominal flow dia.: 8.9 mm (11/32")
Flow capacity: 71 l/min. (15.6 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread, hose connection
Coupling: Chrome-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- Double shut-off version
- High-flow capacity
- Small external dimensions
- Dust caps included as standard
- Large range of connections
- Stainless steel version, series 416
- Coupling also connects with valveless nipples series 411

Series 416 – CEJN Original Standard

Nominal flow dia.: 8.9 mm (11/32")
Flow capacity: 85 l/min. (18.7 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female/male thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- One-hand operated
- High-flow capacity
- Small external dimensions
- Dust caps included as standard
- Large range of connections available
- All brass version, series 414

Series 417 – CEJN Original Standard

Nominal flow dia.: 10.5 mm (13/32")
Flow capacity: 226 l/min. (49.7 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female/male thread, hose connection
Coupling: Chrome-plated brass
Nipple: (see Series 411)

Features and other versions:
- Adapted to home and garden use
- Straight-through version
- High-flow capacity
- Large range of connections
- Connects with nipple series 411

Series 467 – Non-Drip

Nominal flow dia.: 6 mm (1/4")
Flow capacity: 36 l/min (7.9 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Stainless steel version, series 477

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Series 477 – Non-Drip

Nominal flow dia.: 6 mm (1/4")
Flow capacity: 36 l/min (7.9 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Nickel plated brass version, series 467

Series 567 – Non-Drip

Nominal flow dia.: 9 mm (11/32")
Flow capacity: 76 l/min (16.7 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Stainless steel version, series 577

Series 577 – Non-Drip

Nominal flow dia.: 9 mm (11/32")
Flow capacity: 76 l/min (16.7 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Nickel plated brass version, series 567

Series 604 – CEJN Original Standard

Nominal flow dia.: 14.5 mm (9/16")
Flow capacity: 210 l/min. (46.2 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female thread
Coupling: Chrome-plated brass
Nipple: Chrome-plate brass

Features and other versions:
- One-hand operated
- Easy connection
- High-flow capacity
- Dust caps included as standard
- Nipples available with or without valve
- Stainless steel version, series 606

Series 606 – CEJN Original Standard

Nominal flow dia.: 14.5 mm (9/16")
Flow capacity: 207 l/min. (45.5 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- One-hand operated
- Easy connection
- High-flow capacity
- Dust caps included as standard
- Nipples available with or without valve
- All brass version, series 604

Series 667 – Non-Drip

Nominal flow dia.: 14 mm (9/16")
Flow capacity: 168 l/min (37.0 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Stainless steel version, series 677

Series 677 – Non-Drip

Nominal flow dia.: 14 mm (9/16")
Flow capacity: 168 l/min (37.0 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Nickel plated brass version, series 667

Series 704 – CEJN Original Standard

Nominal flow dia.: 19 mm (3/4")
Flow capacity: 271 l/min (59.6 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female thread
Coupling: Chrome-plated brass
Nipple: Chrome-plated brass

Features and other versions:
- One-hand operated
- Easy connection
- High-flow capacity
- Dust caps included as standard
- Nipples available with or without valve
- Stainless steel version, series 706

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Series 706 – CEJN Original Standard

Nominal flow dia.: 19 mm (3/4")
Flow capacity: 227 l/min (49.9 GPM uk)
Max. working pressure: 35 bar (508 PSI)
Connections: Female thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- One-hand operated
- Easy connection
- High-flow capacity
- Dust caps included as standard
- Nipples available with or without valve
- All brass version, series 704

Series 767 – Non-Drip

Nominal flow dia.: 19 mm (3/4")
Flow capacity: 306 l/min (67.3 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Nickel-plated brass
Nipple: Nickel-plated brass

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Stainless steel version, series 777

Series 777 – Non-Drip

Nominal flow dia.: 19 mm (3/4")
Flow capacity: 306 l/min (67.3 GPM uk)
Max. working pressure: 20 bar (290 PSI)
Connections: Female thread
Coupling: Stainless steel AISI 316
Nipple: Stainless steel AISI 316

Features and other versions:
- Couplings and nipples available in both valved and valvless styles
- Non-spillage design
- Optional safety features available
- Dust caps available
- Nickel plated brass version, series 767

Hose and Hose Reels

Hose Reels for Water

Hose dimension (IDxOD mm): 9.5x13.5
Hose: Braided PUR
Reel diameter: 430 mm
Hose length: 14 m (46 ft)
Max. working pressure: 9 bar (130 PSI)

Features and other versions:
- Enclosed housing for reel mechanism protection
- Specially prepared hose ensures flawless feeding action
- CE marked and complies with 89/392/EEC
- For ceiling or wall-mounting, swivels 300°

Straight Braided Hose for Water

Size (IDxOD mm): 8x12, 11x16
Max. working pressure: 10 bar (145 PSI)
Material: Ether-based Polyurethane reinforced with polyester fibre

Features and other versions:
- Wide temperature range
- Light and flexible
- Very good rebound qualities
- Long life cycle with outstanding aging qualities
- Abrasion resistant
- High impact strength
- High tensile and tear strength
- Resistant to oils, solvents and both non-aqueous and aqueous solutions

Non-Drip

Fluid Couplings Range

CEJN Non Drip couplings are solely designed for low-pressure fluid and vacuum applications. The products are suitable for all types of fluid lines, even those as diverse as beverages, salt water and oil.

The range has two important design features:
- A modular construction, all coupling and nipple components have standardized dimensions making them interchangeable, which results in practically unlimited combination possibilities.
- A non-drip design, which ensures virtually zero spillage and eliminates pollution and air inclusion during connection and disconnection.

The products are available in two different materials, nickel-plated brass and stainless steel AISI 316, and offered with four different seals: nitrile, Viton®, EPDM and Kalrez®.

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Quick Connect Couplings

Flow capacity measured at pressure drop 0.4 MPa
(0.1 MPa for the X65 series)

Series 265 – Flat-Face (ISO 16028)

Nominal flow dia.: 6.3 mm (1/4")
Flow capacity: 12 l/min. (2.6 GPM uk)
Max. working pressure: 31.5 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Flat-face design to minimize spillage
- One-hand operated
- Extra security locking feature prevents unintentional disconnection
- Couplings feature hardened locking sleeve
- Dust caps available

Series 325 – CEJN Original Standard

Nominal flow dia.: 6.2 mm (1/4")
Flow capacity: 33 l/min. (7.3 GPM uk)
Max. working pressure: 25 MPa
Connections: Female thread
Coupling: Chrome-plated steel
Nipple: Hardened steel (zink chromate plating)

Features and other versions:
- One-hand operated
- Small external dimensions
- Dust caps included as standard
- All brass version, series 324
- Stainless steel version, series 326

Series 358 – CEJN Original Standard

Nominal flow dia.: 1.5 mm (1/6")
Max. working pressure: 60 MPa
Connections: Female/male thread
Coupling: Chrome-plated steel/brass
Nipple: Hardened steel (zink chromate plating)

Features and other versions:
- Connect under pressure up to 30 MPa
- Compact design
- High working pressure
- One-hand operated
- Dust caps included as standard
- Range of test hoses, gauges and accessories available
- Metal dust caps available

Series 365 – Flat-Face (ISO 16028)

Nominal flow dia.: 10.0 mm (3/8")
Flow capacity: 23 l/min. (5.1 GPM uk)
Max. working pressure: 25 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Flat-face design to minimize spillage
- One-hand operated
- Extra security locking feature prevents unintentional disconnection
- Couplings feature hardened locking sleeve
- Dust caps available

Series 415 – CEJN Original Standard

Nominal flow dia.: 8.9 mm (11/32")
Flow capacity: 61 l/min. (13.4 GPM uk)
Max. working pressure: 25 MPa
Connections: Female/male thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- One-hand operated
- High-flow capacity
- Small external dimensions
- Dust caps included as standard
- Large range of connections available
- All brass version, series 414
- Stainless steel version, series 416

Series 525 – DN 6.3 (1/4")

Nominal flow dia.: 6.3 mm (1/4")
Flow capacity: 29 l/min. (6.4 GPM uk)
Max. working pressure: 45MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Heavy-duty design as standard
- Double o-rings for extra sealing
- Manually extra locking feature prevents unintentional disconnection
- Dust caps available

Series 525 – DN 10 (3/8")

Nominal flow dia.: 10 mm (3/8")
Flow capacity: 59 l/min. (13.0 GPM uk)
Max. working pressure: 35 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Heavy-duty design as standard
- Double o-rings for extra sealing
- Coupling and nipple available with built-in pressure eliminator
- Manually extra locking feature prevents unintentional disconnection
- Dust caps available

Coupling with valve: Nipple with valve: Coupling without valve: Nipple without valve:

Series 525 – DN 12.5 (1/2")

Nominal flow dia.: 12.5 mm (1/2")
Flow capacity: 100 l/min. (22.0 GPM uk)
Max. working pressure: 30 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Heavy-duty design as standard
- Double o-rings for extra sealing
- Coupling and nipple available with built-in pressure eliminator
- Manually extra locking feature prevents unintentional disconnection
- Dust caps available

Series 525 – DN 20 (3/4")

Nominal flow dia.: 20 mm (3/4")
Flow capacity: 194 l/min. (42.7 GPM uk)
Max. working pressure: 28 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Heavy-duty design as standard
- Double o-rings for extra sealing
- Coupling and nipple available with built-in pressure eliminator
- Manually extra locking feature prevents unintentional disconnection
- Dust caps available

Series 525 – DN 25 (1")

Nominal flow dia.: 25 mm (1")
Flow capacity: 285 l/min. (62.7 GPM uk)
Max. working pressure: 25 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Heavy-duty design as standard
- Double o-rings for extra sealing
- Coupling and nipple available with built-in pressure eliminator
- Manually extra locking feature prevents unintentional disconnection
- Dust caps available

Series 565 – Flat-Face (ISO 16028)

Nominal flow dia.: 12.5 mm (1/2")
Flow capacity: 45 l/min. (9.9 GPM uk)
Max. working pressure: 25 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Flat-face design to minimize spillage
- One-hand operated
- Extra security locking feature prevents unintentional disconnection
- Couplings feature hardened locking sleeve
- Dust caps available

Series 605 – CEJN Original Standard

Nominal flow dia.: 14.5 mm (9/16")
Flow capacity: 167 l/min. (36.7 GPM uk)
Max. working pressure: 32 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- One-hand operated
- Easy connection
- High-flow capacity
- Dust caps included as standard
- Unique sealing design for max. sealing
- All brass version, series 604
- Stainless steel version, series 606

Series 665 – Flat-Face (ISO 16028)

Nominal flow dia.: 16.0 mm (5/8")
Flow capacity: 74 l/min. (16.3 GPM uk)
Max. working pressure: 25 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Flat-face design to minimize spillage
- One-hand operated
- Extra security locking feature prevents unintentional disconnection
- Couplings feature hardened locking sleeve
- Dust caps available

Series 705 – CEJN Original Standard

Nominal flow dia.: 19.0 mm (3/4")
Flow capacity: 290 l/min. (63.8 GPM uk)
Max. working pressure: 32 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- One-hand operated
- Easy connection
- Dust caps included as standard
- Unique sealing design for max. sealing
- All brass version, series 904
- Stainless steel version, series 906

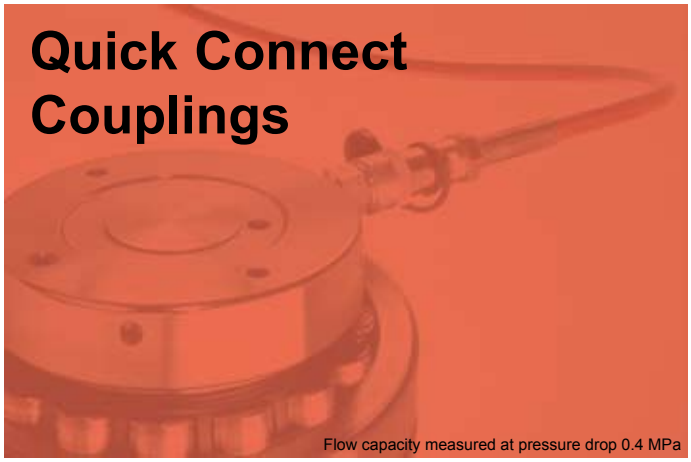
Series 765 – Flat-Face (ISO 16028)

Nominal flow dia.: 19.0 mm (3/4")
Flow capacity: 100 l/min. (22.0 GPM uk)
Max. working pressure: 25 MPa
Connections: Female thread
Coupling: Steel (yellow zinc chromate plating)
Nipple: Hardened steel (yellow zinc chromate plating)

Features and other versions:
- Flat-face design to minimize spillage
- One-hand operated
- Extra security locking feature prevents unintentional disconnection
- Couplings feature hardened locking sleeve
- Dust caps available

Coupling with valve: Nipple with valve: Coupling without valve: Nipple without valve:

Quick Connect Couplings



Flow capacity measured at pressure drop 0.4 MPa

Series 115 – CEJN Original High-pressure Standard

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 6.0 l/min (1.32 GPM uk)
Max. working pressure: 100 MPa
Connections: Female/male thread
Coupling: Hardened, zinc chromate plated steel
Nipple: Hardened, zinc chromate plated steel

Features and other versions:
- Compact design
- Unique patented sealing design
- Non-Drip on connection and disconnection
- Dust caps included as standard
- Nipple with hose rapture valve available
- Coupling with extra safety ring available

Series 115 – Flat-Face Version

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 5.3 l/min. (1.16 GPM uk)
Max. working pressure: 80 MPa
Connections: Female thread
Coupling: Hardened, zinc chromate plated steel/aluminum
Nipple: (see Series 115 standard)

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

Series 115/117 – High-Flow Version

Nominal flow dia.: 4.0 mm (5/32")
Flow capacity: 12.0 l/min. (3.15 GPM uk)
Max. working pressure: 70 MPa
Connections: Female/male thread
Coupling: Hardened, zinc chromate plated steel
Nipple: Hardened, zinc chromate plated steel

Features and other versions:
- High flow capacity
- Compact design
- Non-drip on connection and disconnection
- Coupling with extra safety ring available
- Dust caps included as standard

Series 116 – CEJN Original High-pressure Standard

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 6.0 l/min. (1.32 GPM uk)
Max. working pressure: 150 MPa
Connections: Female thread
Coupling: Hardened, zinc chromate plated steel
Nipple: Hardened, zinc chromate plated steel

Features and other versions:
- High working pressure
- Compact design
- Unique patented sealing design
- Non-Drip on connection and disconnection
- Dust caps included as standard
- Nipple without valve available
- Coupling with extra safety ring available

Series 116 – Flat-Face Version

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 5.3 l/min. (1.16 GPM uk)
Max. working pressure: 150 MPa
Connections: Female/male thread
Coupling: Hardened, zinc chromate plated steel
Nipple: (see Series 116 standard)

Features and other versions:
- 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

Series 117 – CEJN Original High-pressure Standard

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 6.0 l/min. (1.32 GPM uk)
Max. working pressure: 100 MPa
Connections: Female/male thread
Coupling: Hardened, zinc chromate plated steel
Nipple: Hardened, zinc chromate plated steel

Features and other versions:
- Compact design
- Unique patented sealing design
- Non-Drip on connection and disconnection
- Dust caps included as standard
- Coupling with extra safety ring available

Series 125 – CEJN Original High-pressure Standard

Nominal flow dia.: 2.5 mm (3/32")
Flow capacity: 5.8 l/min. (1.28 GPM uk)
Max. working pressure: 200 MPa
Connections: Female thread
Coupling: Hardened, zinc chromate plated steel
Nipple: Hardened, zinc chromate plated steel

Features and other versions:
- High working pressure
- Compact design
- Unique patented sealing design
- Non-Drip on connection and disconnection
- Dust caps included as standard
- Nipple without valve available

Coupling with valve: | Nipple with valve: | Coupling without valve: | Nipple without valve:

Series 135 – CEJN Original High-pressure Standard

Nominal flow dia.: 2.5 mm (3/32”)
Flow capacity: 4.6 l/min. (1.01 GPM uk)
Max. working pressure: 300 MPa
Connections: Female thread
Coupling: Hardened black finished steel
Nipple: Hardened black finished steel

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

Series 218 – CEJN Original High-pressure Standard

Nominal flow dia.: 4.5 mm (11/64”)
Flow capacity: 15.0 l/min. (3.30 GPM uk)
Max. working pressure: 100 MPa
Connections: Female thread
Coupling: Hardened, zinc chromate plated steel
Nipple: Hardened, zinc chromate plated steel

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

Series 230 – (Screw-coupling)

Nominal flow dia.: 5.0 mm (3/16”), 7.0 mm (9/32”)
Flow capacity: 5.0 mm – 16.1 l/min. (3.54 GPM uk)
7.0 mm – 21.2 l/min. (4.64 GPM uk)
Max. working pressure: 70 MPa
Connections: Female nipple/male coupling
Coupling: Zinc-plated steel
Nipple: Zinc-plated steel

Features and other versions:
- High-flow capacity
- Possible to connect under pressure
- Steel dust caps available

Hose and Accessories

Series 951 – High-pressure Hose

Size (IDxOD mm): 6.3x12.4, 6.3x13.3, 4.7x11.5, 4.7x13.0
Max. working pressure, MPa: 70, 100, 180, 250
Material: PA/POM with spiral wound steel wire and a PA outer sheath (may vary from size to size)

Features and other versions:
- Small outside dimensions
- Unique wear properties
- Low weight
- Small volumetric expansion
- Superior aging qualities
- Maintained flexibility through entire life
- Extensive range of end connections available
- Several different hose kits available
- 70 and 100 MPa hose available in twin designs

Series 940 – Pressure Gauges

Max. rec. working pressure: 75% of full scale
Connections: Male thread
Material: Stainless steel. Dial face of aluminum with black graduations. Gasket of polychloroprene. Window of plexiglass. Filled with glycerine.
Units: bar and PSI

Features and other versions:
- Available in three sizes; Ø 63 mm, Ø 100 mm, Ø 160
- Max scale from 1 000 bar (14 500 PSI) to 2 060 bar (29 870 PSI)
- Durable design
- Available with bottom connection or for panel mounting

Series 950 – Adapters

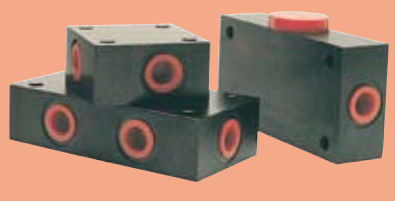
Max. working pressure: from 100 up to 300 MPa
Connections: Female/male thread
Material: Black-zinc plated steel

Features and other versions:
- Extensive range of connections and threads
- Durable design
- Several seal options available

Series 950 – Porting blocks

Nom. flow dia.: 5.0 mm (3/16”)
Max. working pressure: from 100 up to 300 MPa
Connections: Female thread
Material: Black-zinc plated steel

Features and other versions:
- Five different blocks available
- 2-, 3-, 4- and 5-way version
- Durable design



Coupling with valve: Nipple with valve: Coupling without valve: Nipple without valve:

WEO Plug-In Hose Fittings

Save installation time and money by simply “plugging in” to hydraulic systems

WEO fittings are designed with an innovative click-to-connect feature that provides easy engagement of the product’s male and female halves, without the aid of tools or wrenches that are needed to connect and disconnect traditional threaded fittings.

Numerous additional benefits of WEO fittings make them economical connections for equipment manufacturers. These benefits include:

- **Downtime, installation time dramatically reduced**
  CEJN WEO Plug-In hose fittings slash downtime and installation time for original equipment manufacturers. The click-to-connect and self-aligning features of the fittings make them easy to install in hydraulic systems.
- **Easy to connect and disconnect**
  WEO fittings are designed with an innovative click-to-connect feature that provides easy engagement of the product’s male and female halves, without the aid of tools or wrenches.
- **Leak-free connections**
  WEO fittings “plug in” tightly to hydraulic systems, virtually eliminated hydraulic leakage.
- **No follow-up tightening needed**
  WEO fittings automatically lock into place, eliminating the need for tightening during follow-up checks.
- **Minimum space requirement enables new system designs**
  WEO fittings make it easier to build compact, reliable hydraulic systems that include hose and tubes, since access for hand-tool clearance is not a requirement.

- **Work injuries associated with connection/disconnection are eliminated**
  WEO fittings are quick and easy to connect and disconnect, eliminating physical injuries associated with tightening and untightening traditional threaded connections.
- **Longer hose life**
  WEO fittings are self-aligning, which eliminates twisted hose that can occur during connection, and thereby extend hose life.
- **Easy to service**
  The simple connection and disconnection of WEO fittings make it easy to replace hose assemblies with only a common screwdriver, even in confined or difficult-to-reach applications.
- **Lower overall cost**
  The click-to-connect feature of WEO threadless fittings greatly reduces installation time for equipment manufacturers. The fittings' ability to eliminate leakage and improve accessibility also add to their lower overall cost than threaded-type fittings.

As more and more applications industry-wide are being converted from threaded to threadless connectors, WEO Plug-In hose fittings are becoming the connection of choice by well-known original equipment manufacturers for critical equipment applications.

Partnering with Hose Manufacturers

In fact, because of the industry's acceptance of CEJN threadless fittings, several international hose manufacturers have partnered with CEJN in offering their customers hose assemblies equipped with CEJN WEO products. These assemblies are of high interest to customers that are looking for a reliable, proven threadless design that is backed by a premier hose manufacturer.

As a result, more and more global customers are "plugging in" to hydraulic systems without tools or wrenches by specifying problem-solving WEO Plug-In hose fittings from CEJN.

WEO Plug-In Cartridge

The WEO Plug-In Cartridge takes the Plug-In concept one step further – right into the hydraulic component.

WEO Plug-In Cartridge is easily integrated into hydraulic components without interfering with the performance or quality. By using the integrated cartridge you get easy and effective assembly and testing, which will save cost. The innovative cartridge cuts space requirements even more by eliminating the need for adapters or female fittings.

Equipment Manufacturers

Using components with integrated WEO Plug-In cartridges will make your assembly easier and faster. You no longer need to assemble adapters or female fittings before attaching the hose or to re-tighten the hose fittings after assembly, thus also minimizing work-related injures. The WEO Plug-In click-to-connect feature also opens up for more compact system designs. Adding up to extensive cost savings!

Component Manufacturers

Integrating the WEO Plug-In Cartridge in your components means selling and delivering cost saving benefits to your customer. With no adapters or female fittings necessary for assembly you'll also make your own testing procedures quick and easy without compromising quality. Adding up to cost savings and new business opportunities!

CEJN Multi & Auto Range

Products for Automation and Multiple Connection Lines

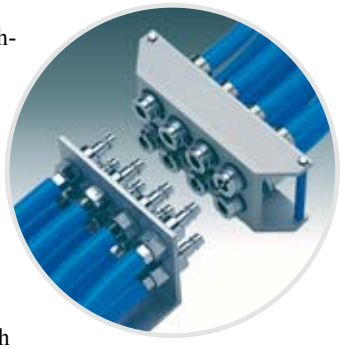
Quick connection and disconnection of machinery components are essential in order to keep production operations performing at peak performance and with minimum downtime.

CEJN's mutli- & auto products are high-tech couplings and nipples adapted for a wide range of applications and media. Designed to be built into manifolds and plates, the different products feature such special functions as non-drip designs, connection and disconnection under full working pressure, alternative mounting features, generous misalignment capability, self-sealing couplings, corrosion resistance and high flow capacity.

Automation Couplings

The Auto-Coupling series feature a high performing coupling and nipple with a patented design allowing connection and disconnection under full working pressure. Adapted for industrial automations the auto-coupling feature a working pressure up to 300 bar (4350 PSI), a wide choice of thread connections, a non-drip design and alternative mounting functions. Available in both steel and brass constructions allows for several media applications. While the brass version is well suited for fluid applications such as water cooling lines on welding and robotic equipment and remote connection in hazardous environments the steel version is adapted for hydraulic applications like automatic tool changing systems on machine tools and engine testing equipment. Just to mention a few applications.

Multi-Snap System



The Multi-Snap is a manual push-to-connect mainfold system for fluid applications. Featuring up to 8 couplings/nipples in the same manifold for simultaneous connection and disconnection. The coupling and nipple manifolds are available in a large number of sizes and connection alternatives. Both coupling and nipple are self-sealing when disconnected to prevent leakage.

Multi-Snap couplings and nipples are made of chrome-plated brass and stainless steel for long, reliable service. Multi-Snap blocks feature an aluminum construction and can be attached using common bolts.

The blocks are available with several different end connections for both couplings and nipples. The Multi-Snap range also includes such special products as connection blocks and mold hose.

Quick-Seal Couplings

The Quick-Seal series feature a self-sealing coupling that engage with or without nipple intended for use in automatic manifold connection systems for compressed air. The unique feature of this coupling is the valve design, which allows the coupling to seal against a mating block. With features such as generous misalignment capability, reduced distance to connect, easy installation and self-sealing couplings this is an ideal product for such applications as transfer presses, tool change systems, pneumatic connections on palletizing equipment, plastic injection molding machines, robotics, automated connections of airlines.

Information of Products Available from CEJN

To obtain product information or product brochures, contact your nearest CEJN office or representative, or visit us on the Internet at ***www.cejn.com***

» CEJN

– General Product Range

» Gas

– Complete Gas range

» Fluids

– Complete Fluids range
– Non-Drip range

» Pneumatics

– Complete Pneumatics range

» Breathing Air

– Complete Breathing Air range

» Hydraulics

– Complete Hydraulics range

» High-Pressure Hydraulics

– Complete High-pressure Hydraulics range
– High-pressure Hose range

» WEO Plug-In

– Complete WEO Plug-In range
– WEO Plug-In Cartridge range

» Multi & Auto

– Autocouplings range
– Quick-Seal range
– Multi-Snap range

The Global

Quick Connect Specialist

Traditions and Innovations.
Quick connect couplings and systems
for compressed air, low- and high-pressure
hydraulic, fluid, gas, and breathing
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