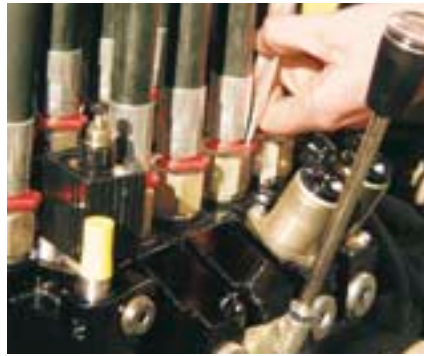




HYDRAULICS

Hydraulic Range

for applications up to 10,000 PSI (720 bar)





CEJN – Your Global Partner in Hydraulics

– reliable products with smart solutions for all applications

CEJN is the global quick connect specialist that offers quick couplings and accessories for all types of media as well as custom-made solutions for all types of applications. With more than 50 years' experience of connecting components quickly and safely – our products are, and always have been, synonymous with quality, high performance and safety.

Our product range has, since CEJN was established in 1955, expanded and covers today all types of pressure and media. The range offers products capable of handling hydraulic pressures up to 4000 bar, which makes CEJN world leader of quick connect couplings for extreme high pressures. Our extensive range of products for low/medium pressure hydraulics covers a wide array of sought-after features such as extra locking rings, pressure eliminators, heavy duty materials and durable designs.

Inspiration from all corners of the world has made CEJN the global partner we are today. Our customers benefit from our unbeatable combination of local presence and global resources. CEJN's engineers are on the frontier of quick connect technology and are constantly working on new products and innovative solutions. We thrive on taking solutions to the next level in close cooperation with our customers and their specific requirements and needs. Together, we constantly renew and redefine the boundaries of what is possible.

CONTENT

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Flat-Face couplings & nipples in 7 body sizes. Meets and exceeds the demands in the ISO 16028 Standard. Made of plated steel with a working pressure of up to 500 bar.
-
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Flat-Face nipples with pressure eliminator in 5 body sizes. Interchangeable with all ISO 16028 couplings. Made of plated steel with a working pressure of up to 500 bar.
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CEJN's classic couplings & nipples in 4 body sizes. Made of plated steel and plated brass/steel with a working pressure of up to 320 bar.
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Pressure testing system with quick connect couplings & nipples. Working pressure up to 60 MPa. Hose, pressure gauges and accessories.

Series 165 – DN 5 Steel

Flat-Face design

- **Flat-Face design**
- **One-hand operation**
- **Extra locking security**

CEJN Series 165 is a Flat-Face quick-connect coupling for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 165 couplings require only one hand for operation, making connection and disconnection fast and easy. Series 165 couplings feature manual security locking as added protection against involuntary disconnection.

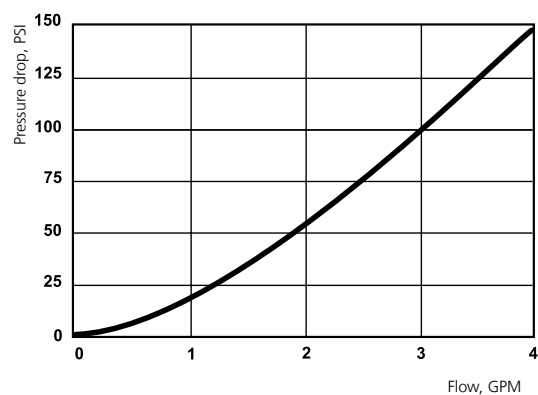
The couplings and nipples are also available in six larger sizes; DN 6.3 (Series 265), DN 10 (Series 365), DN 12.5 (Series 565), DN 16 (Series 665), DN 19 (Series 765) and DN 25 (Series 065).



TECHNICAL DATA PRESSURE DROP CHART

Nominal flow diameter	3/16" (5.0 mm)
Rated flow	1.0 GPM (3.6 l/min)
Max. working pressure connected	10440 PSI (720 bar)
Max. working pressure disconnected	10440 PSI (720 bar)
Min. burst pressure connected	26110 PSI (1800 bar)
Min. burst pressure disconnected	26110 PSI (1800 bar)
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 14.5 pressure drop.



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	101651201	G 1/8"	47	22	19	NBR
NIPPLES	Female thread	101656201	G 1/8"	36.3	19.3	17	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 265 – DN 6.3 Steel

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **One-hand operation**
- **Extra locking security**

CEJN Series 265 is a Flat-Face quick-connect coupling according to and exceeding the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 265 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple when disconnected to prevent dust and debris from entering the system. Series 265 couplings feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 10 (Series 365), DN 12.5 (Series 565), DN 16 (Series 665), DN 19 (Series 765), DN 25 (Series 065). For a stainless steel version see Series 266. Nipples with pressure eliminator available under Series 264.

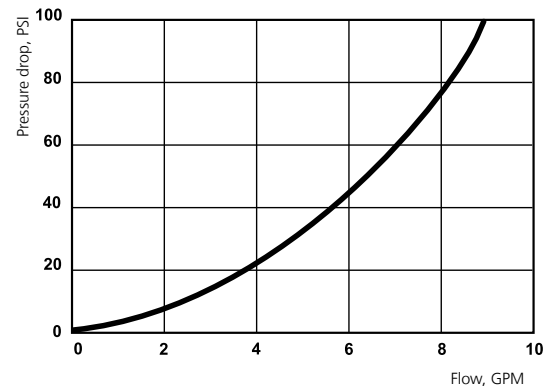


TECHNICAL DATA

Nominal flow diameter	1/4" (6.3 mm)
Rated flow	3.2 GPM (12 l/min)
Max. working pressure connected	7250 PSI (500 bar)
Max. working pressure disconnected	7250 PSI (500 bar)
Min. burst pressure connected	21760 PSI (1500 bar)
Min. burst pressure disconnected	21760 PSI (1500 bar)
Static pressure applications	Approved to max. working pressure
Dynamic pressure applications	Max. working pressure 4568 PSI according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 14.5 PSI pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	102651102	Rc 1/4"	58.1	27.2	20	NBR
		102651202	G 1/4"	58.1	27.2	21	NBR
		102651212	G 1/4"	58.1	27.2	21	FPM
		102651402	1/4" NPT	58.1	27.2	21	NBR
		102651602	7/16"-20 ORB	58.1	27.2	21	NBR
PUSH-PULL COUPLINGS	Female thread	102651282	G 1/4"	58.1	27.2	21	NBR
		102656102	Rc 1/4"	48.7	25.4	21	NBR/PUR
NIPPLES	Female thread	102656202	G 1/4"	48.7	25.4	21	NBR/PUR
		102656212	G 1/4"	48.7	25.4	21	FPM
		102656402	1/4" NPT	48.7	25.4	21	NBR/PUR
		102656602	7/16"-20 ORB	48.7	25.4	21	NBR/PUR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 365 – DN 10 Steel

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **One-hand operation**
- **Extra locking security**

CEJN Series 365 is a Flat-Face quick-connect coupling according to and exceeding the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 365 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple when disconnected to prevent dust and debris from entering the system. Series 365 couplings feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 6.3 (Series 265), DN 12.5 (Series 565), DN 16 (Series 665), DN 19 (Series 765), DN 25 (Series 065). For a stainless steel version see Series 366. Nipples with pressure eliminator available under Series 364.

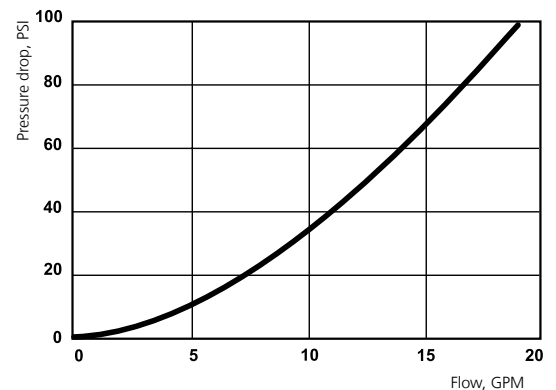


TECHNICAL DATA

Nominal flow diameter	3/8" (10 mm)
Rated flow	6.1 GPM (23 l/min)
Max. working pressure connected	5800 PSI (400 bar)
Max. working pressure disconnected	5800 PSI (400 bar)
Min. burst pressure connected	17400 PSI (1200 bar)
Min. burst pressure disconnected	17400 PSI (1200 bar)
Static pressure applications	Approved to max. working pressure
Dynamic pressure applications	Max. working pressure 3625 PSI (250 bar) according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 14.5 PSI pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	103651104	Rc 3/8"	67.5	31.2	25	NBR
		103651204	G 3/8"	67.5	31.2	24	NBR
		103651214	G 3/8"	67.5	31.2	24	FPM
		103651205	G 1/2"	70.9	31.2	27	NBR
		103651215	G 1/2"	67.5	31.2	24	FPM
		103651404	3/8" NPT	67.5	31.2	24	NBR
		103651604	9/16"-18 ORB	67.5	31.2	24	NBR
		103651284	G 3/8"	67.5	31.2	24	NBR
PUSH-PULL COUPLINGS	Female thread	103651284	G 3/8"	67.5	31.2	24	NBR
NIPPLES	Female thread	103656104	Rc 3/8"	55.2	28	25	NBR/PUR
		103656204	G 3/8"	55.1	28.5	24	NBR/PUR
		103656214	G 3/8"	55.1	28.5	24	FPM
		103656205	G 1/2"	58.5	30.4	27	NBR/PUR
		103656215	G 1/2"	55.1	28.5	24	FPM
		103656404	3/8" NPT	55.1	28.5	24	NBR/PUR
		103656604	9/16"-18 ORB	55.1	28.5	24	NBR/PUR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 565 – DN 12.5 Steel

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **One-hand operated**
- **Extra security locking**

CEJN Series 565 is a Flat-Face quick-connect coupling according to and exceeding the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 565 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple when disconnected to prevent dust and debris from entering the system. Series 565 couplings feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 6.3 (Series 265), DN 10 (Series 365), DN 16 (Series 665), DN 19 (Series 765), DN 25 (065). For a stainless steel version see Series 566. Nipples with pressure eliminator available under Series 564.

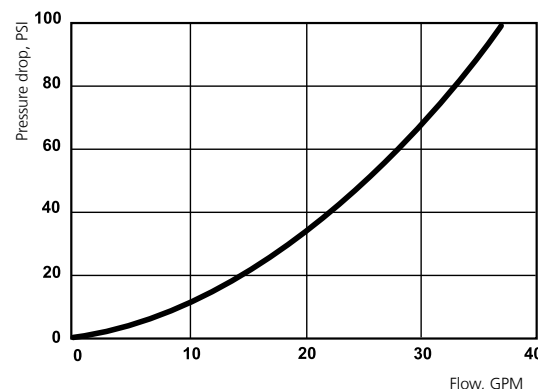


TECHNICAL DATA

Nominal flow diameter	1/2" (12.5 mm)
Rated flow	11.9 GPM (45 l/min)
Max. working pressure connected	5800 PSI (400 bar)
Max. working pressure disconnected	5800 PSI (400 bar)
Min. burst pressure connected	17400 PSI (1200 bar)
Min. burst pressure disconnected	17400 PSI (1200 bar)
Static pressure applications	Approved to max. working pressure
Dynamic pressure applications	Max. working pressure 3625 PSI (250 bar) according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	NBR/PUR or FPM, other sealing materials on request
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 14.5 PSI pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	105651105	Rc 1/2"	74.8	38.2	32	NBR
		105651205	G 1/2"	74.8	38.2	32	NBR
		105651215	G 1/2"	74.8	38.2	32	FPM
		105651207	G 3/4"	76.3	38.2	33	NBR
		105651217	G 3/4"	76.3	38.2	33	FPM
		105651405	1/2" NPT	74.8	38.2	32	NBR
		105651605	3/4"-16 ORB	74.9	38.2	32	NBR
PUSH-PULL COUPLINGS	Female thread	105651285	G 1/2"	74.8	38.2	32	NBR
NIPPLES	Female thread	105656105	Rc 1/2"	71.4	35.9	32	NBR/PUR
		105656205	G 1/2"	71.4	35.7	32	NBR/PUR
		105656215	G 1/2"	71.4	35.7	32	FPM
		105656207	G 3/4"	72.9	36.7	33	NBR/PUR
		105656217	G 3/4"	72.9	36.7	33	FPM
		105656405	1/2" NPT	71.5	35.9	32	NBR/PUR
		105656605	3/4"-16 ORB	71.5	35.7	32	NBR/PUR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 665 – DN 16 Steel

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **One-hand operation**
- **Extra locking security**

CEJN Series 665 is a Flat-Face quick-connect coupling according to and exceeding the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 665 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple when disconnected to prevent dust and debris from entering the system. Series 665 couplings feature manual security locking as added protection against involuntary disconnection.

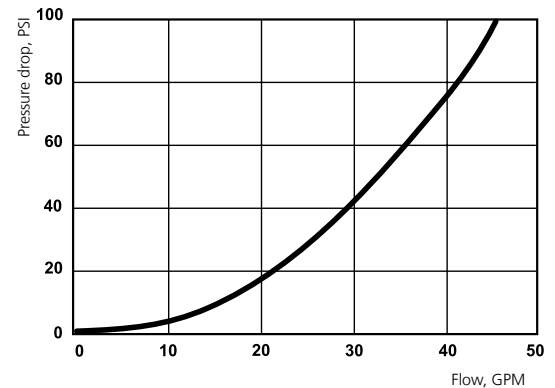
The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 6.3 (Series 265), DN 10 (Series 365), DN 12.5 (Series 565), DN 19 (Series 765), DN 25 (Series 065). Nipples with pressure eliminator available under Series 664.



TECHNICAL DATA PRESSURE DROP CHART

Nominal flow diameter	5/8" (16 mm)
Rated flow	19.5 GPM (74 l/min)
Max. working pressure connected	5800 PSI (400 bar)
Max. working pressure disconnected	5800 PSI (400 bar)
Min. burst pressure connected	17400 PSI (1200 bar)
Min. burst pressure disconnected	17400 PSI (1200 bar)
Static pressure applications	Approved to max. working pressure
Dynamic pressure applications	Max. working pressure 3625 PSI (250 bar) according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 14.5 PSI pressure drop.



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	106651201	G 3/4"	79.8	41.2	36	NBR
		106651211	G 3/4"	79.8	41.2	36	FPM
		106651401	3/4" NPT	79.8	41.2	36	NBR
		106651601	1 1/16" -12 ORB	79.8	41.2	38	NBR
		106651281	G 3/4"	79.8	41.2	36	NBR
PUSH-PULL COUPLINGS	Female thread						
NIPPLES	Female thread	106656201	G 3/4"	74.9	39.2	36	NBR
		106656211	G 3/4"	74.9	39.2	36	FPM
		106656401	3/4" NPT	74.9	39.2	36	NBR
		106656601	1 1/16" -12 ORB	74.9	41.2	38	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 765 – DN 19 Steel

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **One-hand operation**
- **Extra locking security**

CEJN Series 765 is a Flat-Face quick-connect coupling according to and exceeding the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 765 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple when disconnected to prevent dust and debris from entering the system. Series 765 couplings feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 6.3 (Series 265), DN 10 (Series 365), DN 12.5 (Series 565), DN 16 (Series 665), DN 25 (Series 065). For a stainless steel version see Series 766. Nipples with pressure eliminator available under Series 764.

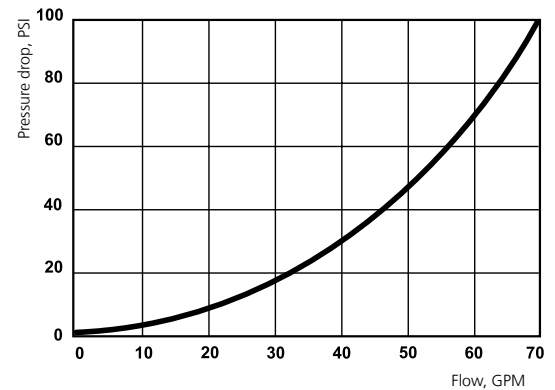


TECHNICAL DATA

Nominal flow diameter	3/4" (19 mm)
Rated flow	26.4 GPM (100 l/min)
Max. working pressure connected	5800 PSI (400 bar)
Max. working pressure disconnected	5800 PSI (400 bar)
Min. burst pressure connected	17400 PSI (1200 bar)
Min. burst pressure disconnected	17400 PSI (1200 bar)
Static pressure applications	Approved to max. working pressure
Dynamic pressure applications	Max. working pressure 3625 PSI according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR) + PUR (other sealing materials on request)
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 14.5 pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	107651103	Rc 1"	99	46	41	NBR
		107651201	G 3/4"	99	46.2	41	NBR
		107651211	G 3/4"	99	46.2	41	FPM
		107651203	G 1"	99	46.2	41	NBR
		107651213	G 1"	99	46.2	41	FPM
		107651403	1" NPT	98.8	46.2	41	NBR
		107651603	1 5/16"-12 ORB	99.8	50.2	45	NBR
		107651281	G 3/4"	99	46.2	41	NBR
PUSH-PULL COUPLINGS	Female thread	107651281	G 3/4"	99	46.2	41	NBR
NIPPLES	Female thread	107656103	Rc 1"	93	46	41	NBR/PUR
		107656201	G 3/4"	93.1	46.2	41	NBR/PUR
		107656211	G 3/4"	93.1	46.2	41	FPM
		107656203	G 1"	93.1	46.2	41	NBR/PUR
		107656213	G 1"	93.1	46.2	41	FPM
		107656403	1" NPT	92.9	46.2	41	NBR/PUR
		107656603	1 5/16"-12 ORB	93.9	50.2	45	NBR/PUR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 065 – DN25 Steel

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-face design**
- **One-hand operation**
- **Extra locking security**

CEJN Series 065 is a Flat-Face quick-connect coupling according to and exceeding the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 065 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple when disconnected to prevent dust and debris from entering the system. Series 065 couplings feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 6.3 (Series 265), DN 10 (Series 365), DN 12.5 (Series 565), DN 16 (Series 665), DN 19 (Series 765).

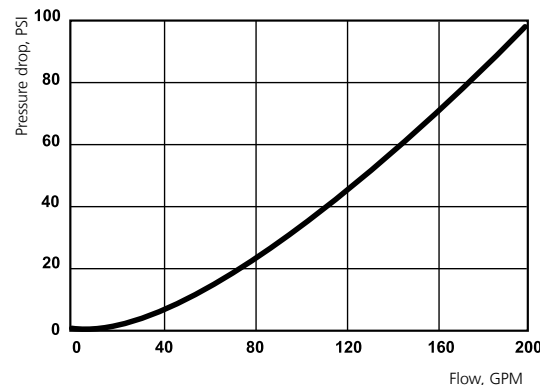


TECHNICAL DATA

Nominal flow diameter	1" (25 mm)
Rated flow	49.9 GPM (189 l/min)
Max. working pressure connected	4350 PSI (300 bar)
Max. working pressure disconnected	4350 PSI (300 bar)
Min. burst pressure connected	11600 PSI (800 bar)
Min. burst pressure disconnected	11600 PSI (800 bar)
Static pressure applications	Approved to max working pressure
Dynamic pressure applications	Max working pressure 3626 PSI according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR) (other sealing materials on request)
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 1.5 PSI pressure drop.

PRESSURE DROP CHART



	Part No.	Connection	Length	Diameter	Hexagon	Seal	
COUPLINGS	Female Thread	100651203	G 1"	109	60	46	NBR/PUR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 266 – DN6.3 Stainless Steel

Dimensionally in accordance with the ISO 16028 Standard

- **Flat-Face design**
- **Stainless steel design**
- **One-hand operation**

CEJN Series 266 is a Flat-Face quick-connect coupling dimensionally in accordance to ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The stainless steel design makes it extra sturdy to fit applications in extreme environments. Series 266 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple to prevent dust and debris from entering the system. Series 266 couplings also feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in three other sizes; DN 10 (Series 366), DN 12.5 (Series 566), DN 19 (Series 766). For a steel version see Series 265. Nipples with pressure eliminator available under Series 264.

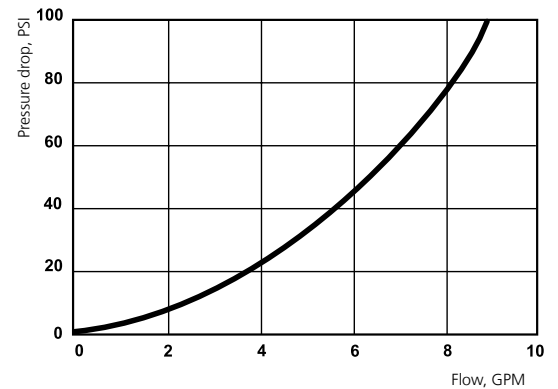


TECHNICAL DATA

- Nominal flow diameter** 1/4" (6.3 mm)
- Rated flow** 3.2 GPM (12 l/min)
- Max. working pressure connected** 3630 PSI (250 bar)
- Max. working pressure disconnected** 3630 PSI (250 bar)
- Min. burst pressure connected** 14500 PSI (1000 bar)
- Min. burst pressure disconnected** 14500 PSI (1000 bar)
- Temperature range** -4°F – + 401°F (-20°C – +205°C)
- Material coupling**..... Stainless steel, AISI 316
- Material nipple**..... Stainless steel, AISI 316
- Material seal**..... Viton (FPM), other sealing materials on request
- Connectability** Without pressure
- Disconnection under pressure** Not allowed

Rated flow is measured at 14.5 PSI pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	102661212	G 1/4"	58.1	27.2	21	FPM
NIPPLES	Female thread	102666212	G 1/4"	48.7	25.4	21	FPM

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 366 – DN10 Stainless Steel

Dimensionally in accordance with the ISO 16028 Standard

- **Flat-Face design**
- **Stainless steel design**
- **One-hand operation**

CEJN Series 366 is a Flat-Face quick-connect coupling dimensionally in accordance to ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The stainless steel design makes it extra sturdy to fit applications in extreme environments. Series 366 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple to prevent dust and debris from entering the system. Series 366 couplings also feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in three other sizes; DN 6.3 (Series 266), DN 12.5 (Series 566), DN 19 (Series 766). For a steel version see Series 365. Nipples with pressure eliminator available under Series 364.

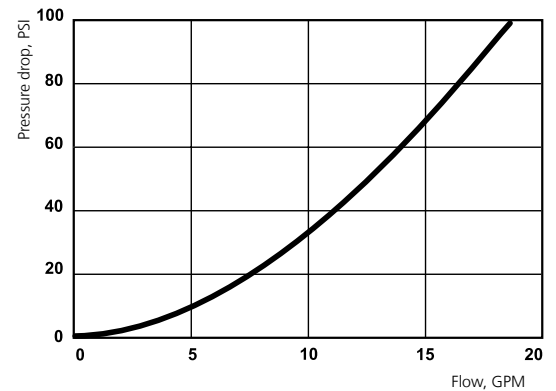


TECHNICAL DATA

Nominal flow diameter 3/8" (10 mm)
Rated flow 6.1 GPM (23 l/min)
Max. working pressure connected 3630 PSI (250 bar)
Max. working pressure disconnected 3630 PSI (250 bar)
Min. burst pressure connected 14500 PSI (1000 bar)
Min. burst pressure disconnected 14500 PSI (1000 bar)
Temperature range -4°F – + 401°F (-20°C – +205°C)
Material coupling..... Stainless steel, AISI 316
Material nipple..... Stainless steel, AISI 316
Material seal..... Viton (FPM), other sealing materials on request
Connectability Without pressure
Disconnection under pressure Not allowed

Rated flow is measured at 14.5 PSI pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	103661214	G 3/8"	67.5	30.8	24	FPM
		103661215	G 1/2"	70.9	31.2	27	FPM
NIPPLES	Female thread	103666214	G 3/8"	55.1	28	24	FPM
		103666215	G 1/2"	58.5	30.2	27	FPM

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 566 – DN12.5 Stainless Steel

Dimensionally in accordance with the ISO 16028 Standard

- **Flat-Face design**
- **Stainless steel design**
- **One-hand operation**

CEJN Series 566 is a Flat-Face quick-connect coupling dimensionally in accordance to ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The stainless steel design makes it extra sturdy to fit applications in extreme environments. Series 566 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple to prevent dust and debris from entering the system. Series 566 couplings also feature manual security locking as added protection against involuntary disconnection.

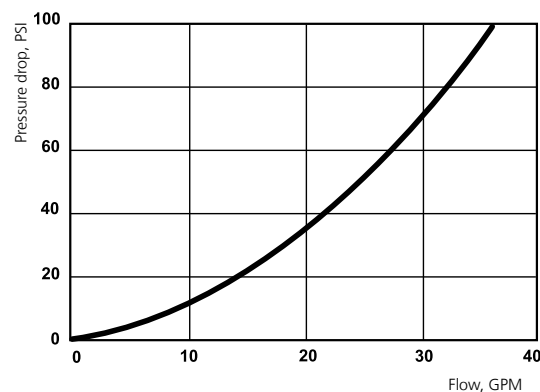
The couplings and nipples are also available in three other sizes; DN 6.3 (Series 266), DN 10 (Series 366), DN 19 (Series 766). For a steel version see Series 565. Nipples with pressure eliminator available under Series 564.



TECHNICAL DATA PRESSURE DROP CHART

- Nominal flow diameter** 1/2" (12.5 mm)
- Rated flow** 11.9 GPM (45 l/min)
- Max. working pressure connected** 3630 PSI (250 bar)
- Max. working pressure disconnected** 3630 PSI (250 bar)
- Min. burst pressure connected** 14500 PSI (1000 bar)
- Min. burst pressure disconnected** 14500 PSI (1000 bar)
- Temperature range** -4°F – + 401°F (-20°C – +205°C)
- Material coupling**..... Stainless steel, AISI 316
- Material nipple**..... Stainless steel, AISI 316
- Material seal**..... Viton (FPM), other sealing materials on request
- Connectability** Without pressure
- Disconnection under pressure** Not allowed

Rated flow is measured at 14.5 PSI pressure drop.



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	105661215	G 1/2"	74.8	38.2	32	FPM
		105661217	G 3/4"	76.3	38.2	33	FPM
NIPPLES	Female thread	105666217	G 3/4"	72.9	36.7	33	FPM
		105666215	G 1/2"	71.4	35.7	32	FPM

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 766 – DN19 Stainless Steel

Dimensionally in accordance with the ISO 16028 Standard

- **Flat-Face design**
- **Stainless steel design**
- **One-hand operation**

CEJN Series 766 is a Flat-Face quick-connect coupling dimensionally in accordance to ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The stainless steel design makes it extra sturdy to fit applications in extreme environments. Series 766 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple to prevent dust and debris from entering the system. Series 766 couplings also feature manual security locking as added protection against involuntary disconnection.

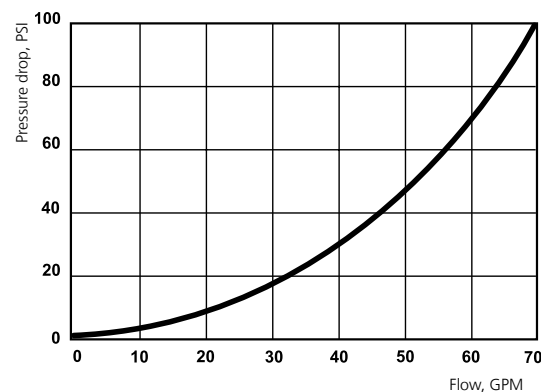
The couplings and nipples are also available in three other sizes; DN 6.3 (Series 266), DN 10 (Series 366), DN 12.5 (Series 566). For a steel version see Series 765. Nipples with pressure eliminator available under Series 764.



TECHNICAL DATA PRESSURE DROP CHART

- Nominal flow diameter** 3/4" (19 mm)
- Rated flow** 26.4 GPM (100 l/min)
- Max. working pressure connected** 3630 PSI (250 bar)
- Max. working pressure disconnected** 3630 PSI (250 bar)
- Min. burst pressure connected** 14500 PSI (1000 bar)
- Min. burst pressure disconnected** 14500 PSI (1000 bar)
- Temperature range** -4°F – + 401°F (-20°C – +205°C)
- Material coupling**..... Stainless steel, AISI 316
- Material nipple**..... Stainless steel, AISI 316
- Material seal**..... Viton (FPM), other sealing materials on request
- Connectability** Without pressure
- Disconnection under pressure** Not allowed

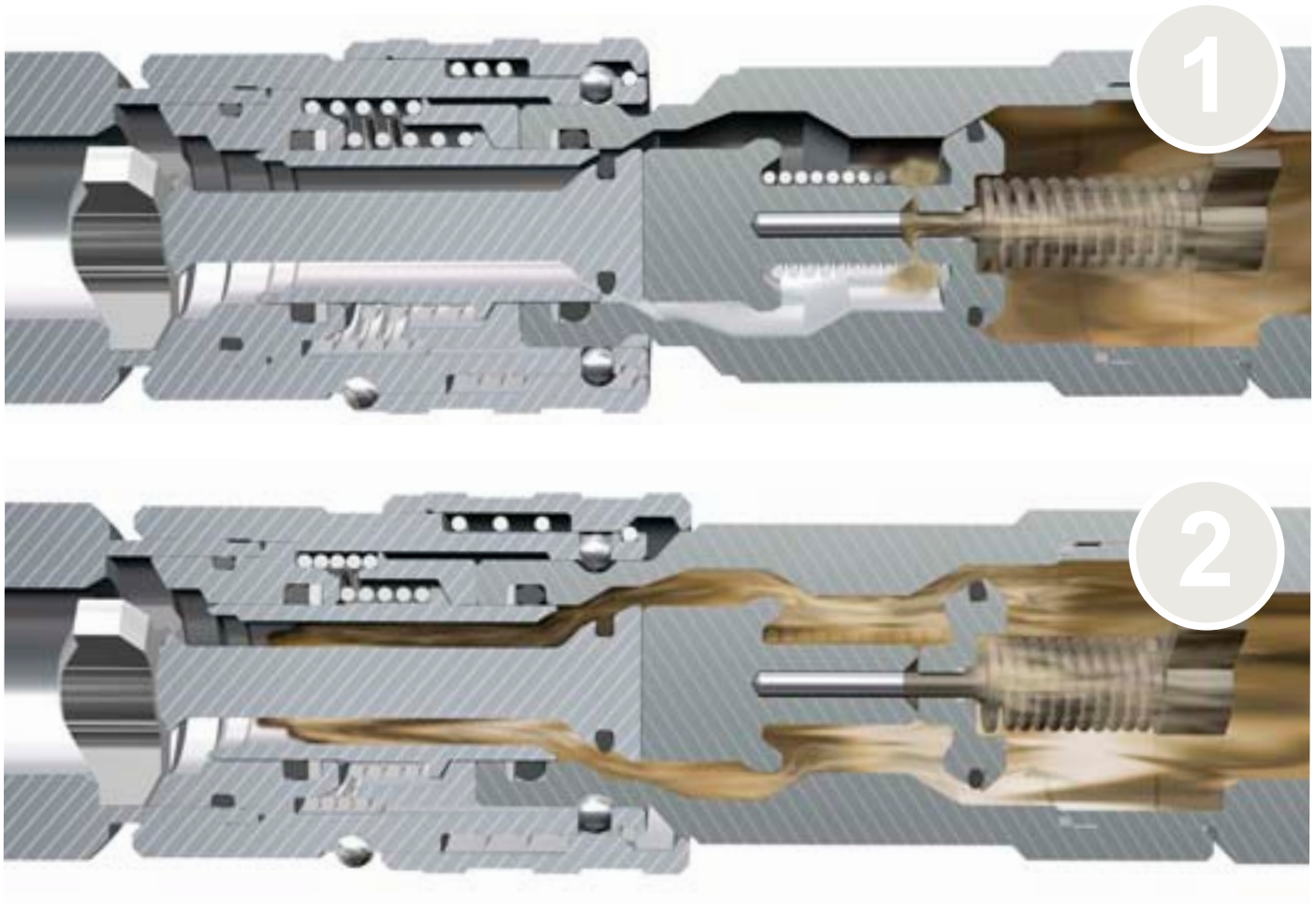
Rated flow is measured at 14.0 PSI pressure drop



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	107661211	G 3/4"	99	46.2	41	FPM
NIPPLES	Female thread	107666211	G 3/4"	99	46.2	41	FPM

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

The integrated pressure eliminator and its function for Series X-64



1. When connected the pressure relief valve opens and the pressure is punctuated. Once the pressure is equalized the nipple is easily connected
2. The coupling and nipple fully connected.

Residual pressure

Residual pressure is mostly caused by expanding oil due to elevated temperatures and results in a substantially increased connection force making the coupling and nipple virtually unconnectable. These types of problems are usually solved by unscrewing some of the threaded connections to bleed out the residual pressure or puncture the pressure by force. In doing so, the surfaces of the coupling or nipple are usually damaged, the frequency of costly down times is increased and the risk of environmentally dangerous leaks becomes higher.

Pressure relief

With a built-in pressure eliminator the residual pressure is punctuated during connection and the pressure is equalized making it possible to connect the hydraulic system without the need for extensive force. Consequently, a fast and easy connection process is ensured and hydraulic spillage is eliminated.

Series 264 – DN6.3 Pressure Eliminator

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **Connection under pressure**
- **One-hand operation**

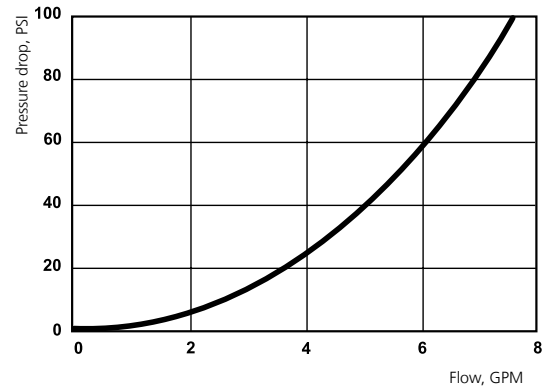
CEJN Series 264 is a Flat-Face quick-connect nipple with a built-in pressure eliminator. The nipple is according to and exceeds the demands in the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The pressure eliminator allows for connection with residual/trapped pressure on the nipple side. The nipple Series 264 connects with couplings in Series 265, Series 266 and Series 262.

The pressure eliminator nipples are also available in four other sizes; DN 10 (Series 364), DN 12.5 (Series 564), DN 16 (Series 664), DN 19 (Series 764). For steel couplings in accordance with ISO 16028 see Series 265. Stainless steel versions of the standard are available in Series 266. Series 262 features an interchangeable steel coupling designed for lower pressures.



TECHNICAL DATA **PRESSURE DROP CHART**

Nominal flow diameter	1/4" (6.3 mm)
Rated flow	2.4 GPM (9 l/min)
Max. working pressure connected	7250 PSI (500 bar)
Max. working pressure disconnected	7250 PSI (500 bar)
Min. burst pressure connected	21760 PSI (1500 bar)
Min. burst pressure disconnected	21760 PSI (1500 bar)
Static pressure applications	Approved to max working pressure
Dynamic pressure applications	Max working pressure 4569 PSI (315 bar) according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	With static pressure up to 7250 PSI on the nipple side
Disconnection under pressure	Not allowed
Comment	Connects with couplings from Series 265, Series 266 and Series 262



Rated flow is measured at 14.5 PSI pressure drop.

Flow measured with coupling Series 265

		Part No.	Connection	Length	Diameter	Hexagon	Seal
NIPPLES WITH PRESSURE ELIMINATOR	Female thread	102646202	G 1/4"	74.4	25.2	21	NBR
		102646402	1/4" NPT	74.4	25.2	21	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 364 – DN10 Pressure Eliminator

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **Connection under pressure**
- **One-hand operation**

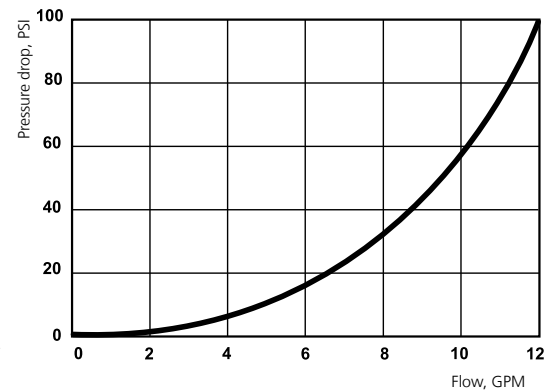
CEJN Series 364 is a Flat-Face quick-connect nipple with a built-in pressure eliminator. The nipple is according to and exceeds the demands in the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The pressure eliminator allows for connection with residual/trapped pressure on the nipple side. The nipple Series 364 connects with couplings in Series 365, Series 366 and Series 362.

The pressure eliminator nipples are also available in four other sizes; DN 6.3 (Series 264), DN 12.5 (Series 564), DN 16 (Series 664), DN 19 (Series 764). For steel couplings in accordance with ISO 16028 see Series 365. Stainless steel versions of the standard are available in Series 366. Series 362 features an interchangeable steel coupling designed for lower pressures.



TECHNICAL DATA PRESSURE DROP CHART

Nominal flow diameter	3/8" (10 mm)
Rated flow	5.0 GPM (19 l/min)
Max. working pressure connected	5800 PSI (400 bar)
Max. working pressure disconnected	5800 PSI (400 bar)
Min. burst pressure connected	17400 PSI (1200 bar)
Min. burst pressure disconnected	17400 PSI (1200 bar)
Static pressure applications	Approved to max working pressure
Dynamic pressure applications	Max working pressure 3626 PSI (250 bar) according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	With static pressure up to 5800 PSI on the nipple side
Disconnection under pressure	Not allowed
Comment	Connects with couplings from Series 365, Series 366 and Series 362



Rated flow is measured at 14.5 PSI pressure drop.

Flow measured with coupling Series 365

		Part No.	Connection	Length	Diameter	Hexagon	Seal
NIPPLES WITH PRESSURE ELIMINATOR	Female thread	103646204	G 3/8"	75.9	28	25	NBR
		103646205	G 1/2"	79.3	28	27	NBR
		103646404	3/8" NPT	75.9	28	25	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 564 – DN12.5 Pressure Eliminator

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **Connection under pressure**
- **One-hand operation**

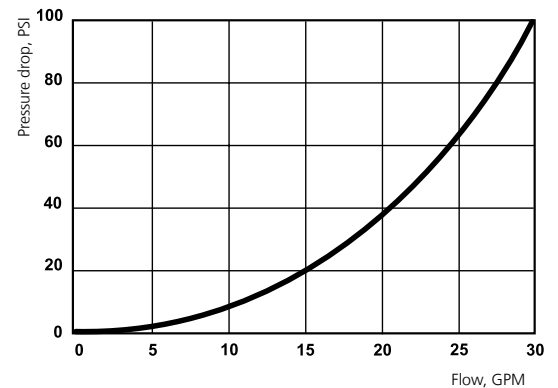
CEJN Series 564 is a Flat-Face quick-connect nipple with a built-in pressure eliminator. The nipple is according to and exceeds the demands in the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The pressure eliminator allows for connection with residual/trapped pressure on the nipple side. The nipple Series 564 connects with couplings in Series 565, Series 566 and Series 562.

The pressure eliminator nipples are also available in four other sizes; DN 6.3 (Series 264), DN 10 (Series 364), DN 16 (Series 664), DN 19 (Series 764). For steel couplings in accordance with ISO 16028 see Series 565. Stainless steel versions of the standard are available in Series 566. Series 562 features an interchangeable steel coupling designed for lower pressures.



TECHNICAL DATA PRESSURE DROP CHART

Nominal flow diameter	1/2" (12.5 mm)
Rated flow	11.4 GPM (43 l/min)
Max. working pressure connected	5800 PSI (400 bar)
Max. working pressure disconnected	5800 PSI (400 bar)
Min. burst pressure connected	17400 PSI (1200 bar)
Min. burst pressure disconnected	17400 PSI (1200 bar)
Static pressure applications	Approved to max working pressure
Dynamic pressure applications	Max working pressure 3626 PSI (250 bar) according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	With static pressure up to 5800 PSI on the nipple side
Disconnection under pressure	Not allowed
Comment	Connects with couplings from Series 565, Series 566 and Series 562



Rated flow is measured at 14.5 PSI pressure drop.

Flow measured with coupling Series 565

		Part No.	Connection	Length	Diameter	Hexagon	Seal
NIPPLES WITH PRESSURE ELIMINATOR	Female thread	105646205	G 1/2"	95.5	35.7	32	NBR
		105646207	G 3/4"	97	36.7	33	NBR
		105646405	1/2" NPT	95.5	35.7	32	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 664 – DN16 Pressure Eliminator

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **Connection under pressure**
- **One-hand operation**

CEJN Series 664 is a Flat-Face quick-connect nipple with a built-in pressure eliminator. The nipple is according to and exceeds the demands in the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The pressure eliminator allows for connection with residual/trapped pressure on the nipple side. The nipple Series 664 connects with couplings in Series 665.

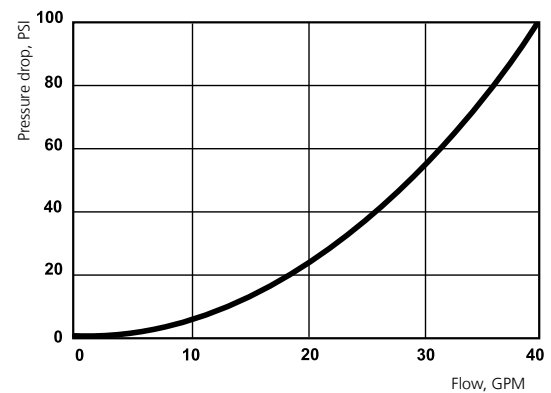
The pressure eliminator nipples are also available in four other sizes; DN 6.3 (Series 264), DN 10 (Series 364), DN 12.5 (Series 564), DN 19 (Series 764). For steel couplings in accordance with ISO 16028 see Series 665.



TECHNICAL DATA **PRESSURE DROP CHART**

Nominal flow diameter	5/8" (16 mm)
Rated flow	18.5 GPM (70 l/min)
Max. working pressure connected	5800 PSI (400 bar)
Max. working pressure disconnected	5800 PSI (400 bar)
Min. burst pressure connected	17400 PSI (1200 bar)
Min. burst pressure disconnected	17400 PSI (1200 bar)
Static pressure applications	Approved to max working pressure
Dynamic pressure applications	Max working pressure 3630 PSI (250 bar) according to ISO 16028
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	With static pressure up to 5800 PSI on the nipple side
Disconnection under pressure	Not allowed
Comment	Connects with couplings from Series 665

Rated flow is measured at 14.5 PSI pressure drop.



Flow measured with coupling Series 665

		Part No.	Connection	Length	Diameter	Hexagon	Seal
NIPPLES WITH PRESSURE ELIMINATOR	Female thread	106646201	G 3/4"	99.5	40	36	NBR
		106646401	3/4" NPT	99.5	40	36	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 764 – DN19 Pressure Eliminator

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **Connection under pressure**
- **One-hand operation**

CEJN Series 764 is a Flat-Face quick-connect nipple with a built-in pressure eliminator. The nipple is according to and exceeds the demands in the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. The pressure eliminator allows for connection with residual/trapped pressure on the nipple side. The nipple Series 764 connects with couplings in Series 765 and Series 766.

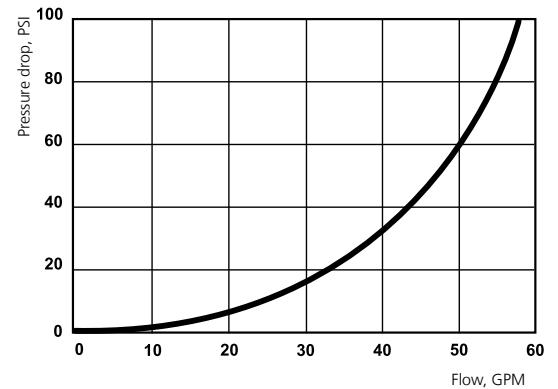
The pressure eliminator nipples are also available in four other sizes; DN 6.3 (Series 264), DN 10 (Series 364), DN 12.5 (Series 564), DN 16 (Series 664). For steel couplings in accordance with ISO 16028 see Series 765. Stainless steel versions of the standard are available in Series 766.



TECHNICAL DATA **PRESSURE DROP CHART**

Nominal flow diameter 3/4" (19 mm)
Rated flow 27.7 GPM (105 l/min)
Max. working pressure connected 5800 PSI (400 bar)
Max. working pressure disconnected 5800 PSI (400 bar)
Min. burst pressure connected 17400 PSI (1200 bar)
Min. burst pressure disconnected 17400 PSI (1200 bar)
Static pressure applications Approved to max working pressure
Dynamic pressure applications Max working pressure 3630 PSI (250 bar) according to ISO 16028
Temperature range -22°F – + 212°F (-30°C – +100°C)
Material nipple..... Hardened steel (zinc passivation)
Material seal..... Nitrile (NBR), other sealing materials on request
Connectability With static pressure up to 3625 PSI on the nipple side
Disconnection under pressure Not allowed
Comment Connects with couplings from Series 765 and Series 766

Flow capacity is measured at 14.5 PSI pressure drop.



Flow measured with coupling Series 765

		Part No.	Connection	Length	Diameter	Hexagon	Seal
NIPPLES WITH PRESSURE ELIMINATOR	Female thread	107646201	G 3/4"	132	46	41	NBR
		107646203	G 1"	132	46	41	NBR
		107646403	1" NPT	132	46	41	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 325 – DN6.2

CEJN unique profile

- **One-hand operation**
- **Small external dimensions**
- **Dust cap included**

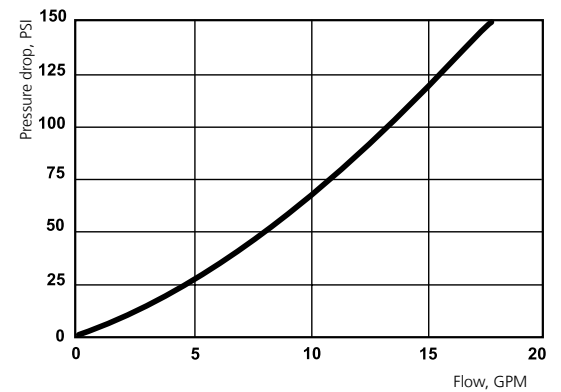
The Series 325 is part of CEJN's Classic Range of hydraulic couplings that offer numerous advantages. The range is frequently used in demanding applications where conventional couplings do not meet the requirements. The low connection force combined with high flow and small external dimensions provide convenient and trouble free service.

Please refer to the Fluid range Series 324 for an all brass version and Series 326 for a stainless steel version.



TECHNICAL DATA PRESSURE DROP CHART

Nominal flow diameter 1/4" (6.2 mm)
Flow capacity 8.7 GPM (33 l/min)
Max. working pressure connected 3630 PSI (250 bar)
Max. working pressure disconnected 1450 PSI (100 bar)
Min. burst pressure connected 14500 PSI (1000 bar)
Min. burst pressure disconnected 14500 PSI (1000 bar)
Temperature range -22°F – + 212°F (-30°C – +100°C)
Material coupling..... Brass/steel (chrome plated)
Material nipple..... Hardened steel (zinc passivation)
Material seal..... Nitrile (NBR), other sealing materials on request
Connectability Without pressure
Disconnection under pressure Not allowed
Flow capacity is measured at 58 PSI pressure drop.



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	103251202	G 1/4"	56.3	23.4	20	NBR
		103251402	1/4" NPT	56.3	23.4	20	NBR
NIPPLES	Female thread	103256202	G 1/4"	52.1	23.1	20	NBR
		103256402	1/4" NPT	52.1	23.1	20	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 415 – DN8.9

CEJN unique profile

- **One-hand operation**
- **Small external dimensions**
- **Dust cap included**

The Series 415 is part of CEJN's Classic Range of hydraulic couplings that offer numerous advantages. The range is frequently used in demanding applications where conventional couplings do not meet the requirements. The low connection force combined with high flow and small external dimensions provide convenient and trouble free service.

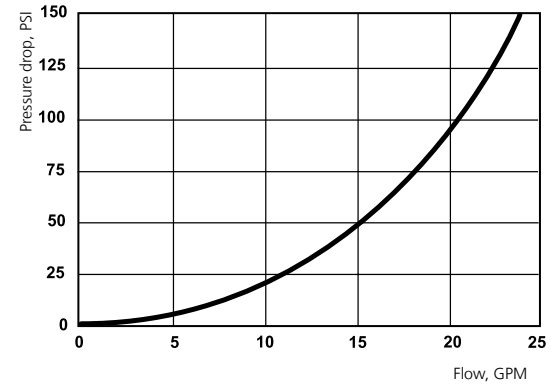
Please refer to the Fluid range Series 414 for an all brass version and Series 416 for a stainless steel version.



TECHNICAL DATA PRESSURE DROP CHART

Nominal flow diameter	11/32" (8.9 mm)
Flow capacity	16.1 GPM (61 l/min)
Max. working pressure connected	3630 PSI (250 bar)
Max. working pressure disconnected	1450 PSI (100 bar)
Min. burst pressure connected	14500 PSI (1000 bar)
Min. burst pressure disconnected	14500 PSI (1000 bar)
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	Without pressure
Disconnection under pressure	Not allowed

Flow capacity is measured at 58 PSI pressure drop.



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	104151204	G 3/8"	66.2	28.4	24	NBR
		104151205	G 1/2"	68.7	31.2	27	NBR
		104151404	3/8" NPT	66.2	28.4	24	NBR
	Male thread	104151405	1/2" NPT	68.7	31.2	27	NBR
		104151254	G 3/8"	69.7	28.4	24	NBR
		104151255	G 1/2"	68.7	31.2	27	NBR
NIPPLES	Female thread	104156204	G 3/8"	58.6	31.2	27	NBR
		104156205	G 1/2"	62.5	31.2	27	NBR
		104156404	3/8" NPT	58.6	31.2	27	NBR
	Male thread	104156405	1/2" NPT	61.5	31.2	27	NBR
		104156254	G 3/8"	61.1	31.2	27	NBR
		104156255	G 1/2"	63.1	31.2	27	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 605 – DN14.5

CEJN unique profile

- **One-hand operation**
- **Small external dimensions**
- **Dust cap included**

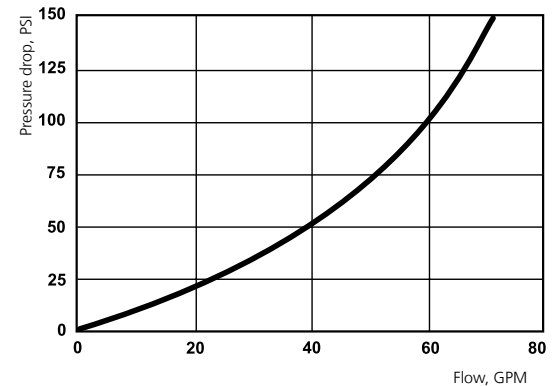
The Series 605 is part of CEJN's Classic Range of hydraulic couplings that offer numerous advantages. The range is frequently used in demanding applications where conventional couplings do not meet the requirements. The low connection force combined with high flow and small external dimensions provide convenient and trouble free service.

Please refer to the Fluid range Series 604 for an all brass version and Series 606 for a stainless steel version.



TECHNICAL DATA PRESSURE DROP CHART

Nominal flow diameter 9/16" (14.5 mm)
Flow capacity 44.1 GPM (167 l/min)
Max. working pressure connected 4640 PSI (320 bar)
Max. working pressure disconnected 1450 PSI (100 bar)
Min. burst pressure connected 14500 PSI (1000 bar)
Min. burst pressure disconnected 14500 PSI (1000 bar)
Temperature range -22°F – + 212°F (-30°C – +100°C)
Material coupling..... Steel (zinc passivation)
Material nipple..... Hardened steel (zinc passivation)
Material seal..... Nitrile (NBR), other sealing materials on request
Connectability Without pressure
Disconnection under pressure Not allowed
Flow capacity is measured at 58 PSI pressure drop.



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	106051201	G 3/4"	85.4	47.4	41	NBR
		106051401	3/4" NPT	85.4	47.4	41	NBR
NIPPLES	Female thread	106056201	G 3/4"	80	45	36	NBR
		106056401	3/4" NPT	80	45	36	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Series 705 – DN19

CEJN unique profile

- **One-hand operation**
- **Small external dimensions**
- **Dust cap included**

The Series 705 is part of CEJN's Classic Range of hydraulic couplings that offer numerous advantages. The range is frequently used in demanding applications where conventional couplings do not meet the requirements. The low connection force combined with high flow and small external dimensions provide convenient and trouble free service.

Please refer to the Fluid range Series 704 for an all brass version and Series 706 for a stainless steel version.

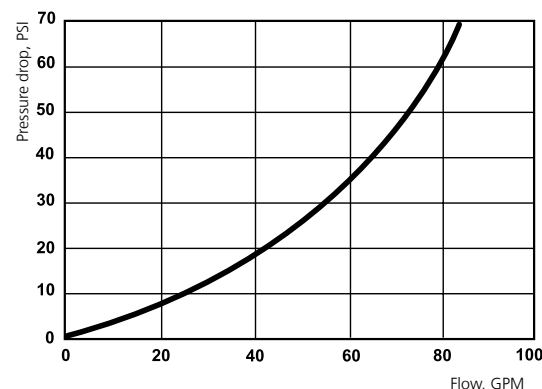


TECHNICAL DATA

Nominal flow diameter	3/4" (19 mm)
Flow capacity	76.6 GPM (290 l/min)
Max. working pressure connected	4640 PSI (320 bar)
Max. working pressure disconnected	1450 PSI (100 bar)
Min. burst pressure connected	14500 PSI (1000 bar)
Min. burst pressure disconnected	14500 PSI (1000 bar)
Temperature range	-22°F – + 212°F (-30°C – +100°C)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR), other sealing materials on request
Connectability	Without pressure
Disconnection under pressure	Not allowed

Flow capacity is measured at 58 PSI pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	107051203	G 1"	95	53.1	46	NBR
		107051403	1" NPT	95	53.1	46	NBR
NIPPLES	Female thread	107056203	G 1"	86	53.1	46	NBR
		107056403	1" NPT	87.5	53.1	46	NBR

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

X-Series – Accessories

Included as accessories in the X-Series range are dust caps for both couplings and nipples and seal kits for nipples. 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 to replace the front seal on the nipple.



		Part No.	Description	
SEAL KITS FOR NIPPLES	DN 6.3	102654900	NBR	
		102654910	FPM	
	DN 10	103654900	NBR	
		103654910	FPM	
	DN 12.5	105654900	NBR	
		105654910	FPM	
	DN 16	106654900	NBR	
		106654910	FPM	
	DN 19	107654900	NBR	
		107654910	FPM	
	DUST CAPS	DN 5.0	091651000	For couplings
			091651050	For nipples
DN 6.3		092651000	For couplings	
		092651050	For nipples	
DN 10		093651000	For couplings	
		093651050	For nipples	
DN 12.5		095651000	For couplings	
		095651050	For nipples	
DN 16		096651000	For couplings	
		096651050	For nipples	
DN 19		097651000	For couplings	
		097651050	For nipples	
			103651010	
			105651010	

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Snap-Check – Accessories

Available as Snap-Check accessories are; a protective rubber cover that fits all Snap-Check Gauges, screw-on metal dust caps with wire straps that fits all standard nipples, copper seals to ensure leak-free gauge connections, rubber/metal seals for parallel male threaded nipples, and a durable carrying case.

CEJN's Snap-Check pressure testing system, monitors and diagnoses fluid systems in a snap. This monitoring system identifies operating pressure surges without the need for a permanently installed gauge. Applications include mobile equipment, injection molding machines, oil and gas equipment, marine vessels, and production machinery. For specific requirements, customized systems are available that include a wide range of gauges.



	Part No.	Connection	Description
RUBBER METAL SEAL	199500061	G 1/8"	For 1/8" parallel male thread (tedo/dowty)
	199500062	G 1/4"	For 1/4" parallel male thread (tedo/dowty)
	199500064	G 3/8"	For 3/8" parallel male thread (tedo/dowty)
COPPER SEAL	-	-	Copper seal ensures leak-free guage connections
PROTECTIVE RUBBER COVER	-	-	Blue rubber cover, fits all gauges
CASE	-	-	Carrying case without components. Measurements 375 x 270 mm.

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Snap-Check – Couplings and Nipples

The couplings and nipples of the Snap-Check system have a maximum working pressure of 60 MPa. This ensures extra long, leak-free service and unsurpassed reliability. The system can also be connected under pressure up to 30 MPa on the nipple side and is available with G, R, NPT, UNF and metric threads. Couplings and nipples come with standard red dust caps to keep them clean and prevent dirt from entering the system.

CEJN's Snap-Check pressure testing system, monitors and diagnoses fluid systems in a snap. This monitoring system identifies operating pressure surges without the need for a permanently installed gauge. Applications include mobile equipment, injection molding machines, oil and gas equipment, marine vessels, and production machinery. For specific requirements, customized systems are available that include a wide range of gauges.



TECHNICAL DATA

Nominal flow diameter 1.5 mm (1/16")
 Connection under pressure 30.0 MPa
 Max. working pressure connected 60.0 MPa

Min. burst pressure connected 130.0 MPa
 Min. burst pressure disconnected 240.0 MPa
 Temperature range -30°C – +100°C (-22°F – +212°F)

		Part No.	Connection	Length	Diameter	Hexagon
COUPLINGS WITHOUT VALVE	Female thread	103580202	G 1/4"	46.8	23.4	20
		103580402	1/4" NPT	46.3	23.4	20
	Female, 90° angle thread	103580232	G 1/4"	56.3	23.4	22
		103580432	1/4" NPT	56.3	23.4	22
NIPPLES WITH VALVE	Male thread	103586151	R 1/8"	49.7	19.6	17
		103586152	R 1/4"	53.8	19.6	17
		103586154	R 3/8"	53.8	19.6	17
		103586251	G 1/8"	51.8	19.6	17
		103586282	G 1/4"	53.7	21.9	19
		103586254	G 3/8"	53.8	27.7	24
		103586451	1/8" NPT	48.8	19.6	17
		103586452	1/4" NPT	52.7	19.6	17
		103586454	3/8" NPT	52.7	19.6	17
		103586551	M10x1.25	50.8	19.6	17
		103586552	M12x1.5	53.8	19.6	17
		103586554	M14x1.5	53.7	23.1	20
		103586752	UNF 7/16" - 20	54.8	19.6	17
		103586755	UNF 7/8" - 14	55.3	34.6	30

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Snap-Check – Hose

Extremely flexible, thermoplastic, high-pressure hose assemblies enable users to monitor pressures from remote locations and easily connect gauges in confined areas.

CEJN's Snap-Check pressure testing system, monitors and diagnoses fluid systems in a snap. This monitoring system identifies operating pressure surges without the need for a permanently installed gauge. Applications include mobile equipment, injection molding machines, oil and gas equipment, marine vessels, and production machinery. For specific requirements, customized systems are available that include a wide range of gauges.



TECHNICAL DATA

Nominal flow diameter 2.0 mm (5/64") **Temperature range** -30°C – +100°C (-22°F – +212°F)
Max. working pressure..... 60.0 MPa
Min. burst pressure..... 130.0 MPa

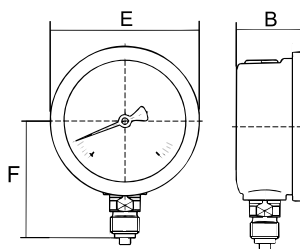
		Part No.	Connection 1	Connection 2	Length	Diameter	Hexagon
HOSE	Including adapters Male - Female	193560021	G 1/4"	G 1/4"	850	-	-
		193560041	G 1/4"	G 1/4"	1650	-	-
		193560061	G 1/4"	G 1/4"	2500	-	-
		193560081	G 1/4"	G 1/4"	4000	-	-

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

Snap-Check – Pressure Gauges

The pressure gauges of the Snap-Check system are encased in stainless steel AISI 304. The Snap-Check standard range features a combined bar/PSI scale within an accuracy of ±1.6 percent of full scale.

CEJN's Snap-Check pressure testing system, monitors and diagnoses fluid systems in a snap. This monitoring system identifies operating pressure surges without the need for a permanently installed gauge. Applications include mobile equipment, injection molding machines, oil and gas equipment, marine vessels, and production machinery. For specific requirements, customized systems are available that include a wide range of gauges.



		Part No.	Connection	B	E	F	Pressure range
Ø 63 MM	Bottom connection Male thread	193560102	G 1/4"	-	-	-	0–25 bar (0–360 PSI)
		193560107	G 1/4"	32	68	54	0–60 bar (0–870 PSI)
		193560108	G 1/4"	-	-	-	0–100 bar (0–1450 PSI)
		193560126	G 1/4"	32	68	54	0–250 bar (0–3630 PSI)
		193560141	G 1/4"	32	68	54	0–400 bar (0–5800 PSI)
		193560146	G 1/4"	32	68	54	0–600 bar (0–8700 PSI)
		199402120	G 1/4"	28	68	55.3	0–1000 bar (0–14500 PSI)

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.



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