

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.

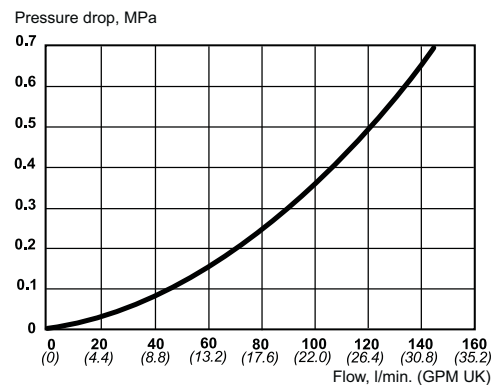
The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 6.3 (Series 265), DN 10 (Series 365), DN 16 (Series 665), DN 19 (Series 765), DN 25 (065). For a stainless steel version see Series 566. Nipples with pressure eliminator available under Series 564.



TECHNICAL DATA

Nominal flow diameter 12.5 mm (1/2")
Rated flow 45 l/min (9.9 GPM UK)
Max. working pressure connected 40.0 MPa
Max. working pressure disconnected 40.0 MPa
Min. burst pressure connected 120.0 MPa
Min. burst pressure disconnected 120.0 MPa
Static pressure applications Approved to max. working pressure
Dynamic pressure applications Max. working pressure 25 MPa according to ISO 16028
Temperature range -30°C – +100°C (-22°F – +212°F)
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 0.1 MPa pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	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	74.8	38.2	32	NBR
PUSH-PULL COUPLINGS	Female thread	105651285	G 1/2"	74.8	38.2	32	NBR
NIPPLES	Female thread	105656205	G 1/2"	71.4	35.7	32	NBR
		105656215	G 1/2"	71.4	35.7	32	FPM
		105656207	G 3/4"	72.9	36.7	33	NBR
		105656217	G 3/4"	72.9	36.7	33	FPM
		105656405	1/2" NPT	71.5	35.9	32	NBR
		105656605	3/4"-16 ORB	71.4	35.9	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.