

Product Range

With unlimited combination possibilities, CEJN's non-drip modular couplings are adaptable to most applications and system requirements. This means customers will no longer be burdened with searching out application-worthy couplings. CEJN has already done the work for them by incorporating just what customers want and need most in a modular coupling line – versatility and virtually spillage-free performance.

The part number listing on Page 6 includes basic coupling and nipple combinations and reflects only a small portion of combinations that are possible by varying seals, threads, or other product features.

The fluid series includes both valved and valveless couplings and nipples, which further extend application possibilities. Valved styles are one-hand operated and are the most commonly used version in fluid system applications. Due to their construction, the valveless couplings require two hands for



connection/disconnection and are useful in those applications in which fluid loss upon disconnection may not be critical.

Three configurations are available in the extensive standard range:

- Single shutoff (must utilize a coupling and valveless nipple)
- Double shutoff
- Straight through

The series is compatible with working pressures up to 290 PSI (20 bar) and temperatures up to 527° F (275° C), making it suitable for a variety of low-pressure fluid applications in which lines need to be connected and disconnected easily, safely, and without spillage. Sizes available include body sizes from DN4 (5/32") to DN19 (3/4").

CEJN modular couplings are available in nickel-plated brass with nitrile seals and AISI 316 stainless steel with Viton® seals. EPDM and Kalrez® seals are available upon request to comply with specific performance objectives.



With or without valve

Technical Data

Body Size	1/4" (DN 4)		3/8" (DN 6)		1/2" (DN 9)		3/4" (DN 14)		1" (DN 19)	
Series	267	277	467	477	567	577	667	677	767	777
Materials										
Nickel-plated brass	X		X		X		X		X	
Stainless steel AISI 316		X		X		X		X		X
Flow Capacity										
Double shutoff	4.5 GPM (17 l/min)		9.5 GPM (36 l/min)		20.1 GPM (76 l/min)		44.4 GPM (168 l/min)		80.8 GPM (306 l/min)	
Single shutoff	4.5 GPM (17 l/min)		9.5 GPM (36 l/min)		20.6 GPM (78 l/min)		51.0 GPM (193 l/min)		88.2 GPM (334 l/min)	
Straight through	8.5 GPM (32 l/min)		16.4 GPM (62 l/min)		49.4 GPM (187 l/min)		109.1 GPM (413 l/min)		212.1 GPM (803 l/min)	
Max. Working Pressure	290 PSI (20 bar)		290 PSI (20 bar)		290 PSI (20 bar)		290 PSI (20 bar)		290 PSI (20 bar)	
Min. Burst Pressure	1160 PSI (80 bar)		1160 PSI (80 bar)		1160 PSI (80 bar)		1160 PSI (80 bar)		1160 PSI (80 bar)	
Nominal Flow Diameter	5/32" (4 mm)		1/4" (6 mm)		11/32" (9 mm)		9/16" (14 mm)		3/4" (19 mm)	
Cv (Kv) (Double shutoff)	0.59 (0.51)		1.26 (1.08)		2.65 (2.28)		5.86 (5.04)		10.67 (9.18)	
Temperature Range										
NBR (Nitrile rubber)	+5°F – +212°F (-15°C – +100°C)									
FPM (Viton®)	+23°F – +401°F (-5°C – +205°C) <i>Please note – Colored rings can only withstand heat up to +257°F (+125°C)</i>									
EPDM	-4°F – +302°F (-20°C – +150°C)									
Kalrez®	+23°F– +527°F (-5°C – +275°C) <i>Please note – Colored rings can only withstand heat up to +257°F (+125°C)</i>									

Flow capacity is measured at 58 PSI pressure drop for all three versions. For more information about seal recommendations, conversion tables, maintenance advice, and other fluid products from CEJN, see the general CEJN Fluid Catalog, available at www.cejn.com or from your nearest authorized CEJN distributor. CEJN reserves the right to make changes without further notification. This right is applicable to all information in this brochure.

Standard Range

Brass (NBR Seal)

Stainless Steel (FPM Seal)

Series 267	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	1/4" Female	10 267 0200	10 267 0400	43.5	59.2	23	19
	Coupling, valved	1/4" Female	10 267 1200	10 267 1400	43.5	59.2	23	19
	Nipple, valveless	1/4" Female	10 267 5200	10 267 5400	48.5	48.5	20	19
	Nipple, valved	1/4" Female	10 267 6200	10 267 6400	48.5	48.5	20	19

Series 467	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	3/8" Female	10 467 0200	10 467 0400	45.0	61.2	29	22
	Coupling, valved	3/8" Female	10 467 1200	10 467 1400	45.0	61.2	29	22
	Nipple, valveless	3/8" Female	10 467 5200	10 467 5400	52.0	50.5	24	22
	Nipple, valved	3/8" Female	10 467 6200	10 467 6400	52.0	50.5	24	22

Series 567	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	1/2" Female	10 567 0200	10 567 0400	52.5	68.2	34	27
	Coupling, valved	1/2" Female	10 567 1200	10 567 1400	52.5	68.2	34	27
	Nipple, valveless	1/2" Female	10 567 5200	10 567 5400	56.5	55.0	29	27
	Nipple, valved	1/2" Female	10 567 6200	10 567 6400	56.5	55.0	29	27

Series 667	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	3/4" Female	10 667 0200	10 667 0400	74.2	71.7	41	36
	Coupling, valved	3/4" Female	10 667 1200	10 667 1400	74.2	71.7	41	36
	Nipple, valveless	3/4" Female	10 667 5200	10 667 5400	66.0	63.0	36	34
	Nipple, valved	3/4" Female	10 667 6200	10 667 6400	66.0	63.0	36	34

Series 767	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	1" Female	10 767 0200	10 767 0400	82.0	79.0	52	46
	Coupling, valved	1" Female	10 767 1200	10 767 1400	82.0	79.0	52	46
	Nipple, valveless	1" Female	10 767 5200	10 767 5400	67.5	64.5	44	41
	Nipple, valved	1" Female	10 767 6200	10 767 6400	67.5	64.5	44	41

Series 277	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	1/4" Female	10 277 0210	10 277 0410	43.5	59.2	23	19
	Coupling, valved	1/4" Female	10 277 1210	10 277 1410	43.5	59.2	23	19
	Nipple, valveless	1/4" Female	10 277 5210	10 277 5410	48.5	48.5	20	19
	Nipple, valved	1/4" Female	10 277 6210	10 277 6410	48.5	48.5	20	19

Series 477	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	3/8" Female	10 477 0210	10 477 0410	45.0	61.2	29	22
	Coupling, valved	3/8" Female	10 477 1210	10 477 1410	45.0	61.2	29	22
	Nipple, valveless	3/8" Female	10 477 5210	10 477 5410	52.0	50.5	24	22
	Nipple, valved	3/8" Female	10 477 6210	10 477 6410	52.0	50.5	24	22

Series 577	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	1/2" Female	10 577 0210	10 577 0410	52.5	68.2	34	27
	Coupling, valved	1/2" Female	10 577 1210	10 577 1410	52.5	68.2	34	27
	Nipple, valveless	1/2" Female	10 577 5210	10 577 5410	56.5	55.0	29	27
	Nipple, valved	1/2" Female	10 577 6210	10 577 6410	56.5	55.0	29	27

Series 677	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	3/4" Female	10 677 0210	10 677 0410	74.2	71.7	41	36
	Coupling, valved	3/4" Female	10 677 1210	10 677 1410	74.2	71.7	41	36
	Nipple, valveless	3/4" Female	10 677 5210	10 677 5410	66.0	63.0	39	36
	Nipple, valved	3/4" Female	10 677 6210	10 677 6410	66.0	63.0	39	36

Series 777	Description	Connection	Part No. G-thread	Part No. NPT-thread	Length (G)	Length (NPT)	Diameter	Hexagon
	Coupling, valveless	1" Female	10 777 0210	10 777 0410	82.0	79.0	52	46
	Coupling, valved	1" Female	10 777 1210	10 777 1410	82.0	79.0	52	46
	Nipple, valveless	1" Female	10 777 5210	10 777 5410	67.5	64.5	44	41
	Nipple, valved	1" Female	10 777 6210	10 777 6410	67.5	64.5	44	41

All thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices.