

Multi-Snap

The complete multiple coupling system for mold cooling applications





The Modern Solution

TO REDUCE MOLD CHANGING DOWN-TIME

CEJN MULTI-SNAP SYSTEM consists of a complete range of components, for mold cooling applications, including manifolds, blocks, hoses and fittings. The system has been designed to provide the user with a great deal of flexibility when choosing the components suitable for this particular application

CEJN MULTI-SNAP SYSTEM offers ...

- Reduced down-time during mold changes and installations
- · Guarantee that the cooling system is always correctly connected
- · Reduced water spillage and loss
- Trouble-free performance

Typical Multi-Snap application showing injection molding machine. Multi-Snap can also be used on blow molding and extrusion machines.

Multi-Snap coupling and nipple manifolds connecting up to eight lines simultaneously to water supply.

Multi-Snap Coupling and Nipple Manifolds

The Multi-Snap coupling and nipple manifolds are available in a large number of sizes and connection alternatives. Up to eight cooling circuits can be connected and disconnected simultaneously.

Easy Connection - Due to the unique design of CEJN couplings, an easy push-to-connect action is all that is required to connect the two manifolds.

Easy to Disconnect - Automatic disconnection, by simply pulling the female manifold

Correct Connection – The design of the two manifolds ensures correct connection of the hoses.

No Leakage - Both coupling and nipple halves are self-sealing when disconnecting.

High Flow Capacity – The patented valve mechanism provides a nearly unobstructed flow, and ensures proper cooling of the molds.

Corrosion Resistant - Both couplings and nipples are made of chrome plated brass and stainless steel for reliable and long service.

Single couplings and nipples are available on request.

Coupling Manifold	No. of							
(Hose connection)	conn.	Size.	А		В	С	Conn. size	Part no.
A	8	1	180		80	75	Hose 3/8"	10 930 1001
	8	2	190		80	76	Hose 1/2"	10 930 2001
	6	1	146		80	75	Hose 3/8"	10 930 1005
	6	2	156		80	76	Hose 1/2"	10 930 2023
	4	1	115		80	75	Hose 3/8"	10 930 1007
	4	2	124		80	76	Hose 1/2"	10 930 2021
	No. of							
	conn.	Size.	A		В	С	Conn. size	Part no.
	8	1	180		80	63	1/4" BSP	10 930 1011
Coupling Manifold	8	2	190		80	69	1/2" BSP	10 930 2006
	8	1	180		80	63	1/4" NPT	10 930 1032
<u>^</u>	8	2	190		80	68	1/2" NPT	10 930 2034
MODDO FAM	6	1	146		80	63	1/4" BSP	10 930 1053
	6	2	156		80	69	1/2" BSP	10 930 2051
III©©©©©III i fEhn	6	1	146		80	63	1/4" NPT	10 930 1057
	6	2	156		80	68	1/2" NPT	10 930 2055
o anananan o	4	1	115		80	63	1/4" BSP	10 930 1051
9	4	2	124		80	69	1/2" BSP	10 930 2049
	4	1	115		80	63	1/4" NPT	10 930 1055
	4	2	124		80	68	1/2" NPT	10 930 2053
Nipple Manifold	No. of	-		_		_		
	conn.	Size.	A	В	С	D	Conn. size	Part no.
	8	1	125	25	75	36	Hose 3/8"	10 930 1003
	8	2	145	35	75	25	Hose 1/2"	10 930 2003
00000° mtFhm	6	1	92	16	60	36	Hose 3/8"	10 930 1006
8.5	6	2	112	18	76	25	Hose 1/2"	10 930 2024
B C 25	4	1	70	15	40	36	Hose 3/8"	10 930 1008
	4	2	80	20	40	25	Hose 1/2"	10 930 2022
	No. of							
	conn.	Size.	А	В	С	D	Conn. size	Part no.
	8	1	125	25	75	36	1/4" BSP	10 930 1012
Nipple Manifold	8	2	145	35	75	25	1/2" BSP	10 930 2007
(Female connection)	8	1	125	25	75	36	1/4" NPT	10 930 1034
A	8	2	145	35	75	25	1/2" NPT	10 930 2035
asal du	6	1	92	16	60	36	1/4" BSP	10 930 1054
lo o o a l' El tru	6	2	112	18	76	25	1/2" BSP	10 930 2052
	6	1	92	16	60	36	1/4" NPT	10 930 1058
8,5	6	2	112	18	76	25	1/2" NPT	10 930 2056
B C 25	4	1	70	15	40	36	1/4" BSP	10 930 1052
	4	2	80	20	40	25	1/2" BSP	10,930,2050

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CEJN reserve the right, without notice, to make any necessary product changes.

1/4" NPT

1/2" NPT

10 930 1056

10 930 2054

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Technical data for the Quick Connect Couplings

Multi-Snap, Size 1	
Nominal flow dia	6.2 mm, 1/4"
Flow capacity	∆ p = 1 bar, 14.5 PSI, 19 I/min, 5 GPM
Max. working pressure	15 bar, 217 PSI
Temperature range	-30°C to +100°C
Seal material	Nitrile as standard other seal materials on request
Material manifold	Aluminium, anodized
Material coupling/nipple	Brass, chrome plated

Multi-Snap, Size 2

Nominal flow dia	8.9 mm, 11/32"
Flow capacity	∆ p =1 bar, 14.5 PSI, 32 I/min, 8.5 GPM
Max. working pressure	15 bar, 217 PSI
Temperature range	-30°C to +100°C
Seal material	Nitrile as standard other seal materials on request
Material manifold	Aluminium, anodized
Material coupling/nipple	Brass, chrome plated

Installation alternatives

The CEJN Multi-Snap System is a fully universal system and can consequently be mounted in several different ways. Below are some examples.







- 1. Multi-Snap nipple manifold mounted on machine water supply side.
- 2. Multi-Snap coupling manifold connecting to machine supply side.
- Hoses directly connected to cooling water ports of mold by using manifold hose adaptors or conventional hose adaptors.
- 1. Multi-Snap nipple manifold mounted on machine water supply side.
- Multi-Snap hose assembly with coupling manifold for supply side and plate connecting to a block mounted on mold.
- When connecting to a block use flexible tube and push-in fittings between the block and the cooling water ports of the mold.
- 1. Hoses direcly connected to machine water supply side.
- **2.** Multi-Snap coupling manifold connecting to a block with built-in self-sealing nipples.
- When connecting to a block with self-sealing nipples - use flexible tube and push-in fittings between the block and the cooling water ports of the mold.



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