

Nozzle Holders & Caps

When considering where and how to install spray nozzles consider nozzle protection, servicing requirements, nozzle flow control and particularly adjustability to make the job of fine-tuning the spray more straightforward.

A variety of holders are available to hold, position and allow adjustment of both flanged and threaded nozzles with a variety of pipe connections. A Diaphragm Check Valve for prevention of drips is optional.

Connections are BSP as standard, with NPT or UNF available on request.

Nozzle Holders & Caps

Threaded Holder Assembly - for Flanged Nozzles



For quick and easy installation of spray tips, Hypro can provide a four piece system consisting of a nozzle body, nozzle filter, spray tip and a cap nut.

Available in a range of materials, the Hypro system reduces downtime when changing or replacing nozzles.

Standard Threaded Holder - Male



Part Number	Inlet	Nozzle Connection	Material
27-Q2470	1/8" BSP	3/8" BSP	Polyacetal
27-Q2471	1/4" BSP	3/8" BSP	Polyacetal
241010-M	1/8" BSP	3/8" BSP	Brass
2410104M	1/4" BSP	3/8" BSP	Brass
2410103M	3/8" BSP	3/8" BSP	Brass
311010-M	1/8" BSP	3/8" BSP	Stainless Steel (303)
3110104M	1/4" BSP	3/8" BSP	Stainless Steel (303)
3110103M	3/8" BSP	3/8" BSP	Stainless Steel (303)

Standard Threaded Holder - Female



Part Number	Inlet	Nozzle Connection	Material
27-Q2474	1/8" BSP	3/8" BSP	Polyacetal
27-Q2475	1/4" BSP	3/8" BSP	Polyacetal
241010FM	1/8" BSP	3/8" BSP	Brass
241014FM	1/4" BSP	3/8" BSP	Brass
241010FM	1/4" BSP	3/8" BSP	Brass
241013FM	3/8" BSP	3/8" BSP	Brass
311014FM	1/4" BSP	3/8" BSP	Stainless Steel (303)
311010FM	1/4" BSP	3/8" BSP	Stainless Steel (303)

Cap Nuts



Part Number	Size	Material
E2Q1275	1/4" BSP	Brass
251032GY	3/8" BSP	Polypropylene (Grey)
251032WH	3/8" BSP	Polypropylene (White)
251032BL	3/8" BSP	Polypropylene (Black)
241030--	3/8" BSP	Brass

Part Number	Size	Material
311030SS	3/8" BSP	303 St Steel
B1E5Q3474	3/4" BSP	Brass
14EQ2185	3/4" BSP	Polypropylene
28-Q2142	1" BSP	Brass

HOLDERS with Diaphragm Check Valve (DCV)



Part Number	Inlet	Nozzle Connection	DCV Shut Off (Material)
4240N-F110	1/4" MNPT	1/4" FNPT	0.28 bar (EPDM)
4240N-F110V	1/4" MNPT	1/4" FNPT	0.28 bar (Viton)
4240N-F120	1/4" MNPT	1/4" FNPT	0.55 bar (EPDM)
4240N-F120V	1/4" MNPT	1/4" FNPT	0.55 bar (Viton)
4240N-F150	1/4" MNPT	1/4" FNPT	1.7 bar (EPDM)
4240N-F150V	1/4" MNPT	1/4" FNPT	1.7 bar (Viton)

Swivel Holders Single



Part Number	Inlet	Nozzle Connection	Material
241019SS	1/4" BSP (F)	3/8" BSP (M)	Nickel Plated Brass
01404070	1/4" BSP (F)	3/8" BSP (M)	Polyacetal
27101734	3/8" BSP (F)	3/8" BSP (M)	Polyacetal
4200N-0020	1/4" BSP (F)	Bayonet	Nylon

Swivel Holders Double



Part Number	Inlet	Nozzle Connection	Material
241019DS	1/4" BSP (F)	3/8" BSP (M)	Nickel Plated Brass
01404170	1/4" BSP (F)	3/8" BSP (M)	Polyacetal
01404180	3/8" BSP (F)	3/8" BSP (M)	Polyacetal
4200N-0021	1/4" BSP (F)	Bayonet	Nylon

Single Nozzle Bodies with DCV



Part Number	Inlet	Nozzle Connection	DCV shut off (Material)
4240N-B010	1/4" MNPT	Bayonet	0.28 bar (EPDM)
4240N-B010V	1/4" MNPT	Bayonet	0.28 bar (Viton)
4240N-B020	1/4" MNPT	Bayonet	0.55 bar (EPDM)
4240N-B020V	1/4" MNPT	Bayonet	0.55 bar (Viton)
4241N-B120U	1 1/16" UNF	Bayonet	0.55 bar (EPDM)
QT14-1-NDC	10mm HB	Bayonet	0.55 bar (Viton)

Push-to-Connect Nozzle Bodies and Caps



Part Number	Inlet	Nozzle Connection	DCV shut off (Material)
4247N-B119	1/4" Push-to-Connect	Bayonet	0.28 Bar (EPDM)
4247N-B111	3/8" Push-to-Connect	Bayonet	0.28 Bar (EPDM)
4247N-C119	1/4" Push-to-Connect	1/4" Push-to-Connect	0.28 Bar (EPDM)
4247N-C111	3/8" Push-to-Connect	3/8" Push-to-Connect	0.28 Bar (EPDM)
4247N-B129	1/4" Push-to-Connect	Bayonet	0.55 Bar (EPDM)
4247N-B121	3/8" Push-to-Connect	Bayonet	0.55 Bar EPDM)
4247N-C129	1/4" Push-to-Connect	1/4" Push-to-Connect	0.55 Bar (EPDM)
4247N-C121	3/8" Push-to-Connect	3/8" Push-to-Connect	0.55 Bar EPDM)

Hose Barb Dry Boom Nozzle Bodies



Part Number	Inlet/Outlet	Size	DCV shut off (Material)
4231N-B101S	Single Hose Barb	3/8"	-
4231N-B102S	Single Hose Barb	1/2"	-
4231N-B103S	Single Hose Barb	3/4"	-
4231N-B101D	Double Hose Barb	3/8"	-
4231N-B102D	Double Hose Barb	1/2"	-
4231N-B103D	Double Hose Barb	3/4"	-
4231N-B101T	Triple Hose Barb	3/8"	-
4231N-B102T	Triple Hose Barb	1/2"	-
4231N-B103T	Triple Hose Barb	3/4"	-
4240N-B121S	Single Hose Barb	3/8"	0.55 bar (EPDM)
4240N-B122S	Single Hose Barb	1/2"	0.55 bar EPDM)
4240N-B123S	Single Hose Barb	3/4"	0.55 bar (EPDM)
4240N-B121D	Double Hose Barb	3/8"	0.55 bar (EPDM)
4240N-B122D	Double Hose Barb	1/2"	0.55 bar (EPDM)
4240N-B123D	Double Hose Barb	3/4"	0.55 bar (EPDM)

Wet Boom Single Nozzle Bodies - No DCV



Part Number	Description
4201N-B102	1/2" Clamp (NB)
4201N-B103	3/4" Clamp (NB)
4201N-B104	1" Clamp (NB)
1723-0142	10mm Wet Boom Stem Seal - EPDM
1721-0220	10mm Wet Boom Stem Seal - Viton
3430-0755	Spares pack (replacement screw, nut and stem o-ring/EPDM)
3430-0755V	Spares pack (replacement screw, nut and stem o-ring/Viton)

Single Proflo Nozzle Body (Hinged Clamp)



Part Number	Diameter of Pipe	DCV shut off (Material)
4221N-B122	1/2"	0.55 bar (EPDM)
4221N-B122V	1/2"	0.55 bar (Viton)
4221N-B123	3/4"	0.55 bar (EPDM)
4221N-B123V	3/4"	0.55 bar (Viton)
4221N-B124	1"	0.55 bar (EPDM)
4221N-B124V	1"	0.55 bar (Viton)
4221N-B127	20mm	0.55 bar (EPDM)
4221N-B127V	20mm	0.55 bar (Viton)
4221N-B128	25mm	0.55 bar (EPDM)
4221N-B128V	25mm	0.55 bar (Viton)

Nozzle Holders & Caps

Bayonet Caps - for Push to Connect



Part Number	Pipe Size	Seal Type	Seal Part Number
BG-4200-0060	1/4"	STD	22W11MF64
BG-4200-0061	3/8"	STD	22W11MF64
BG-4200-0062	1/4"	Split	10BG-1700-0255
BG-4200-0063	3/8"	Split	10BG-1700-0255

Bayonet Caps - for Flanged Nozzles



Part Number	For Nozzle Type	Seal Included	Seal only Part No.
CAP00-20	F/E Flat Fan	Yes	22W11MF64 (EPDM), 22W11MF64V (Viton)
15BL2606	F/E Flat Fan	No	
CAP30-20	AN Flat Fan	Yes	
CAP04-20	Cone	Yes	
15BL2604	Cone	No	

For metal E/F series a dovetail nozzle and holder is also available, please ask us for details.

Adjustable Nozzle Holders for Threaded Nozzles

These holders have a ball that can be rotated to direct the spray up to 54° in any direction. Bodies are fibre-glass reinforced polypropylene for strength and the rotating balls are effectively sealed with an O-ring. Gaskets are EPDM (Viton® on request). Maximum operating pressure is 10 bar. Spigot clips into a 10, 14

or 17 mm hole in the spray bar, no tools are needed to install. Ball threads accept 1/8", 3/4" and 3/8" NPT nozzles. Interchangeable spigot inserts are available in the three sizes. Handlock or NPT thread (1/4", 3/8" and 1/2") options are available as shown below.

Handlock Adjustable Holders



Part Number (colour)	Pipe Size	Nozzle Connection	Spigot Size	
6140857BN	1"	1/8" NPT	10 mm	
6140867BN		1/4" NPT		
6140877BN		3/8" NPT		
6140857CN		1/8" NPT	14 mm	
6140867CN		1/4" NPT		
6140877CN		3/8" NPT		
6140857DN	1"	1/8" NPT	17 mm	
6140867DN		1/4" NPT		
6140877DN		3/8" NPT		
6140858BN		1 1/4"	1/8" NPT	10 mm
6140868BN			1/4" NPT	
6140878BN			3/8" NPT	
6140858CN	1 1/4"		1/8" NPT	14 mm
6140868CN			1/4" NPT	
6140878CN			3/8" NPT	
6140858DN		1 1/4"	1/8" NPT	17 mm
6140868DN			1/4" NPT	
6140878DN			3/8" NPT	
6140859BN	1 1/2"		1/8" NPT	10 mm
6140869BN			1/4" NPT	
6140879BN			3/8" NPT	
6140859CN		1 1/2"	1/8" NPT	14 mm
6140869CN			1/4" NPT	
6140879CN			3/8" NPT	
6140859DN	1 1/2"		1/8" NPT	17 mm
6140869DN			1/4" NPT	
6140879DN			3/8" NPT	

Threaded Adjustable Holders



Part Number (colour)	Pipe Size	Nozzle Connection
614080B0N	1/4" NPT	1/8" NPT
614081B0N		1/4" NPT
614082B0N		3/8" NPT
614080C0N	3/8" NPT	1/8" NPT
614081C0N		1/4" NPT
614082C0N		3/8" NPT
614080D0N	1/2" NPT	1/8" NPT
614081D0N		1/4" NPT
614082D0N		3/8" NPT