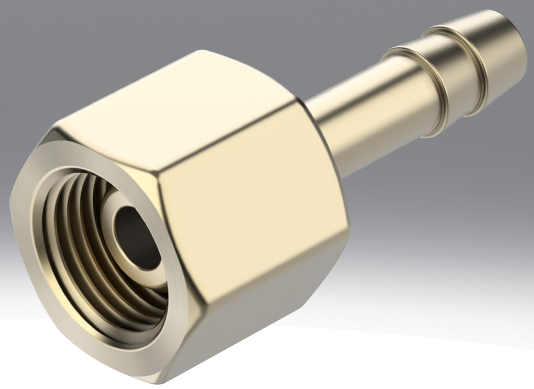
Barbed hose fitting C-P, N-P



Datasheet

Technical data – Barbed hose fitting C-...-P

Pneumatic connection, port 1	Female thread G1/8	Female thread G1/4	Female thread G3/8	Female thread G1/2
Pneumatic connection, port 2	For tubing outside diameter of 8 mm	For tubing outside diameter of 8 mm For tubing inside diameter of 9 mm		For tubing inside diameter of 13 mm
Nominal size	4 mm	4.5 ... 5.5 mm	4.5 ... 6.5 mm	11 mm
Operating pressure complete temperature range	-0.95 ... 16 bar			
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]			
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)			
Corrosion resistance class CRC [1]	1 - Low corrosion stress			
Material housing	Brass			
Note on materials	RoHS compliant			
LABS (PWIS) conformity	VDMA24364-B1/B2-L			

1) More information: www.festo.com/x/topic/crc

Technical data – Barbed hose fitting N-...-P

Pneumatic connection, port 1	Male thread G1/8	Male thread G1/4	Male thread G3/8	Male thread G1/2	Male thread G3/4	Male thread R1	Male thread 3/4 NPT	Male thread 1 NPT
Pneumatic connection, port 2	For tubing I.D. 6 mm	For tubing I.D. 6 mm For tubing inside diameter of 9 mm	For tubing I.D. 6 mm For tubing inside diameter of 9 mm For tubing inside diameter of 13 mm	For tubing inside diameter of 9 mm For tubing inside diameter of 13 mm	For tubing inside diameter of 13 mm For tubing I.D. 19 mm	For tubing I.D. 19 mm		
Design	Straight design							
Mounting position	Any							
Type of seal on screwed plug	Sealing ring					Coating		
Operating pressure complete temperature range	-0.95 ... 16 bar							
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]							
Ambient temperature	-10 ... 60°C							
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)							
Corrosion resistance class CRC [1]	2 - Moderate corrosion stress							
Material housing	Anodised aluminium							
Note on materials	RoHS compliant							
LABS (PWIS) conformity	VDMA24364-B1/B2-L							

1) More information: www.festo.com/x/topic/crc

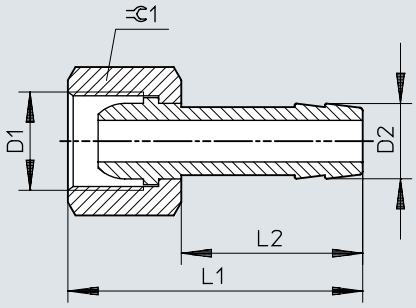
Datasheet

Technical data – Barbed hose fitting N-...-P-...-MS					
Pneumatic connection, port 1	Male thread G1/8	Male thread G1/4	Male thread G3/8	Male thread G1/2	Male thread G3/4
Pneumatic connection, port 2	For tubing I.D. 6 mm	For tubing I.D. 6 mm For tubing inside diameter of 9 mm	For tubing I.D. 6 mm For tubing inside diameter of 9 mm For tubing inside diameter of 13 mm	For tubing inside diameter of 9 mm For tubing inside diameter of 13 mm	For tubing inside diameter of 13 mm For tubing I.D. 19 mm
Design	Straight design				
Mounting position	Any				
Type of seal on screwed plug	Sealing ring				
Operating pressure complete temperature range	-0.95 ... 16 bar				
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]				
Ambient temperature	-10 ... 60°C				
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)				
Corrosion resistance class CRC [1)]	1 - Low corrosion stress				
Material housing	Brass				
Note on materials	RoHS compliant				
LABS (PWIS) conformity	VDMA24364-B1/B2-L				

1) More information: www.festo.com/x/topic/crc

Dimensions

Dimensions – Barbed hose fitting C- ...-P Download CAD data www.festo.com



	D1	D2	L1	L2	⫧
C-1/8-P-6	G1/8	7	36	24	13
C-1/4-P-6	G1/4	7	39	24	17
C-1/4-P-9		10	39	24	17
C-3/8-P-6	G3/8	7	39	24	19
C-3/8-P-9		10	39	24	19
C-1/2-P-13	G1/2	14,8	50	30	24

Dimensions

Dimensions – Barbed hose fitting N-...-P

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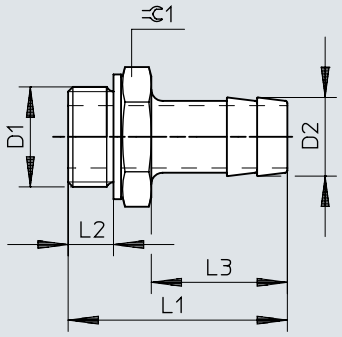
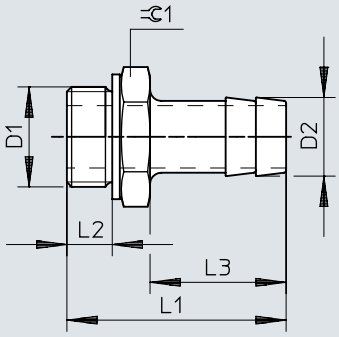


	D1	D2	L1	L2	L3	⫧
N-1/8-P-6	G1/8	7	34,7	4,9	24,2	13
N-1/4-P-6	G1/4	7	37,1	5,8	24,1	17
N-1/4-P-9		10	37,1	5,8	24,1	17
N-3/8-P-6	G3/8	7	38,1	6,8	24,1	19
N-3/8-P-9		10	38,1	6,8	24,1	19
N-3/8-P-13		14,8	45,4	6,8	30	19
N-1/2-P-9	G1/2	10,3	39,5	8,15	24	24
N-1/2-P-13		14,8	45,5	8,15	30	24
N-3/4-P-13	G3/4	14,8	50	9,05	30	32
N-3/4-P-19		20,8	56	9,05	36	32
N-1-P-19	R1	20,8	68,6	–	36	34
N-3/4-P-19-NPT	3/4 NPT	20,8	66,68	–	36	30,17
N-1-P-19-NPT	1 1/2 NPT	20,8	74,0	–	36	34

Dimensions

Dimensions – Barbed hose fitting N-...-P-...-MS Download CAD data www.festo.com



	D1	D2	L1	L2	L3	⌀
N-1/8-P-6-MS	G1/8	7	34,7	4,9	24,2	13
N-1/4-P-6-MS	G1/4	7	37,1	5,8	24,1	17
N-1/4-P-9-MS		10	37,1	5,8	24,1	17
N-3/8-P-6-MS	G3/8	7	38,1	6,8	24,1	19
N-3/8-P-9-MS		10	38,1	6,8	24,1	19
N-3/8-P-13-MS		14,8	45,4	6,8	30	19
N-1/2-P-9-MS	G1/2	10,3	39,5	8,15	24	24
N-1/2-P-13-MS		14,8	45,5	8,15	30	24
N-3/4-P-13-MS	G3/4	14,8	50	9,05	30	32
N-3/4-P-19-MS		20,8	56	9,05	36	32

Ordering data

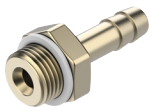
Ordering data – Barbed hose fitting C-...-P (brass)

Pneumatic connection, port 1	Pneumatic connection, port 2	Nominal size	Part no.	Type
Female thread G1/8	For tubing outside diameter of 8 mm	4 mm	**2021**	**C-1/8-P-6**
Female thread G1/4		4.5 mm	**2022**	**C-1/4-P-6**
	For tubing inside diameter of 9 mm	5.5 mm	**2023**	**C-1/4-P-9**
Female thread G3/8	For tubing outside diameter of 8 mm	4.5 mm	**2024**	**C-3/8-P-6**
	For tubing inside diameter of 9 mm	6.5 mm	**2025**	**C-3/8-P-9**
Female thread G1/2	For tubing inside diameter of 13 mm	11 mm	**2026**	**C-1/2-P-13**

Ordering data – Barbed hose fitting N-...-P (aluminium)

Pneumatic connection, port 1	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
Male thread G1/8	For tubing I.D. 6 mm	4.5 mm	3.33 g	**3605**	**N-1/8-P-6**
Male thread G1/4			6.42 g	**3606**	**N-1/4-P-6**
	For tubing inside diameter of 9 mm	6.5 mm	7.23 g	**3607**	**N-1/4-P-9**
Male thread G3/8	For tubing I.D. 6 mm	4.5 mm	8.71 g	**3608**	**N-3/8-P-6**
	For tubing inside diameter of 9 mm	7.6 mm	8.53 g	**3609**	**N-3/8-P-9**
	For tubing inside diameter of 13 mm	11 mm	10.53 g	**36160**	**N-3/8-P-13**
Male thread G1/2	For tubing inside diameter of 9 mm	8 mm	15.34 g	**3610**	**N-1/2-P-9**
	For tubing inside diameter of 13 mm	11 mm	15.46 g	**3611**	**N-1/2-P-13**
Male thread G3/4			32.27 g	**3612**	**N-3/4-P-13**
	For tubing I.D. 19 mm	16.5 mm	32.74 g	**3613**	**N-3/4-P-19**
Male thread R1			71.2 g	**572260**	**N-1-P-19**
Male thread 3/4 NPT			42 g	**564848**	**N-3/4-P-19-NPT**
Male thread 1 NPT			80.72 g	**572243**	**N-1-P-19-NPT**

Ordering data – Barbed hose fitting N-...-P-...-MS (brass)



Pneumatic connection, port 1	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
Male thread G1/8	For tubing I.D. 6 mm	4.5 mm	10.17 g	**15630**	**N-1/8-P-6-MS**
Male thread G1/4			19.37 g	**15631**	**N-1/4-P-6-MS**
	For tubing inside diameter of 9 mm	6.5 mm	21.92 g	**15632**	**N-1/4-P-9-MS**
Male thread G3/8	For tubing I.D. 6 mm	4.5 mm	27.96 g	**15633**	**N-3/8-P-6-MS**
	For tubing inside diameter of 9 mm	7.6 mm	27.14 g	**15634**	**N-3/8-P-9-MS**
	For tubing inside diameter of 13 mm	11 mm	31.97 g	**36161**	**N-3/8-P-13-MS**
Male thread G1/2	For tubing inside diameter of 9 mm	8 mm	36.06 g	**15635**	**N-1/2-P-9-MS**
	For tubing inside diameter of 13 mm	11 mm	47.75 g	**15636**	**N-1/2-P-13-MS**
Male thread G3/4			99.62 g	**15637**	**N-3/4-P-13-MS**
	For tubing I.D. 19 mm	16.5 mm	101.08 g	**15638**	**N-3/4-P-19-MS**