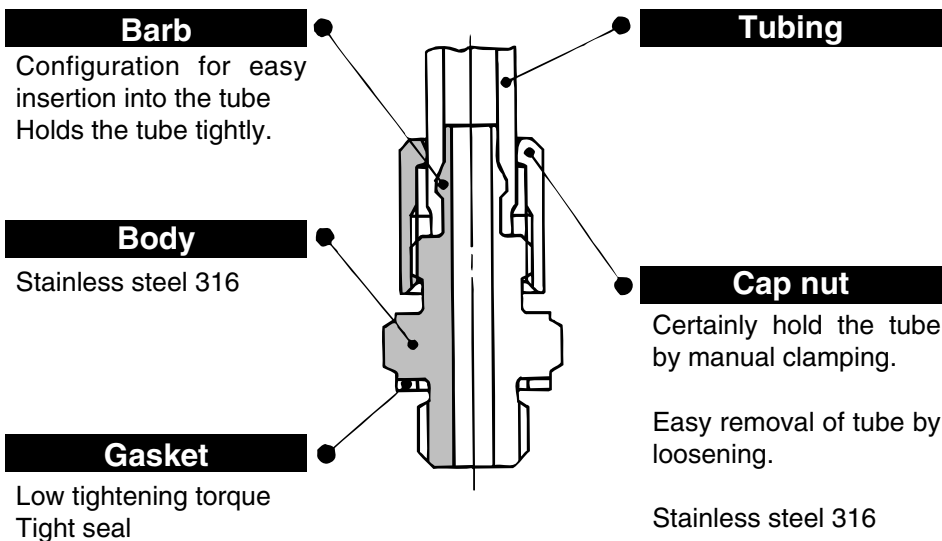


Series 10-MS Stainless miniature fittings

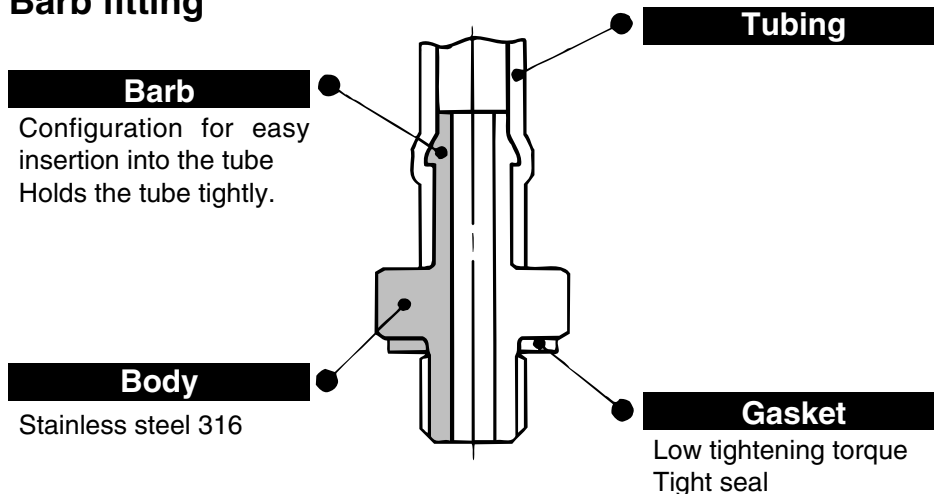
Construction



Hose nipple



Barb fitting



Specifications

Applicable tubing material		Polyurethane
Applicable tubing diameter		ø3.18/ø2, ø4/ø2.5, ø6/ø4
Max. operating pressure		0.8MPa
Connection size		M5
Material	Body	Stainless steel 316
	Gasket	Stainless steel 316 + FKM, aluminum + FKM
Grease		Fluorine grease
Particle generation grade (Please refer to front matters 13 to 22 for details.)		Grade 1

Model

Model	Description	Application	Note	Model	Description	Application	Note
10-MS-5AU-3	Barb fittings for polyurethane tube	For polyurethane tube	ø3.18/ø2 x M5	10-MS-5UL	Universal elbow	Body rotates at 360° around the stud axis.	M5 female x M5 male
10-MS-5AU-4			ø4/ø2.5 x M5				
10-MS-5AU-6			ø6/ø4 x M5	10-MS-5UT	Universal tee	Body rotates at 360° around the stud axis.	M5 female x M5 female x M5 male
10-MS-5ALHU-3	Barb elbow for polyurethane tube	For polyurethane tube · Body rotates at 360° around the stud axis.	ø3.18/ø2 x M5	10-MS-5B	Bushing	For reducing R (PT) 1/8 to M5	R1/8 x M5 female
10-MS-5ALHU-4			ø4/ø2.5 x M5				
10-MS-5ALHU-6			ø6/ø4 x M5	10-MS-5P	Plug	Use to plug unused M5 port	
10-MS-5H-4	Hose nipple	For polyurethane tube	ø4/ø2.5 x M5	10-MS-5J	Extension fitting	Solid piece moves fitting up from workpiece.	M5 male x M5 female
							
10-MS-5H-6			ø6/ø4 x M5	10-MS-5N	Nipple	For fitting to workpiece or fitting to fitting connection	M5 male x M5 male
10-MS-5HLH-4	Hose elbow	For polyurethane tube · Body rotates at 360° around the stud axis.	ø4/ø2.5 x M5	10-MS-5UN	Universal nipple	Body rotates at 360° around the stud axis.	M5 male x M5 male PAT.
							
10-MS-5HLH-6			ø6/ø4 x M5	10-MS-5ATHU-3	Barb tee for polyurethane tube		ø3.18/ø2 x M5
10-M-5G3	Gasket	To seal M5 thread	Material: Stainless steel 316 + FKM	10-MS-5ATHU-4		For polyurethane tube · Body rotates at 360° around the stud axis.	ø4/ø2.5 x M5
				10-MS-5ATHU-6			ø6/ø4 x M5
10-M-5GH	Gasket (H)	To seal M5 thread	Material: Aluminum + FKM	10-M-5GH		10-MS-5ALHU-6 10-MS-5ALH-4 10-MS-5ALH-6 10-MS-5ATHU-6 only	
							

Air cylinder

Rotary actuator

Air gripper

Directional control valve

Flow control equipment

Filter, Pressure control equipment

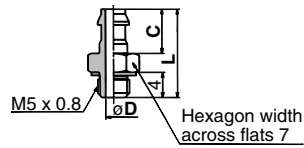
Fittings & Tubing

Air preparation equipment

Pressure switch

Clean gas filter

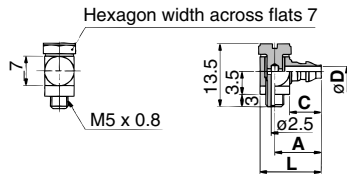
Barb fittings for polyurethane tube: 10-MS-5AU-3, -4, -6



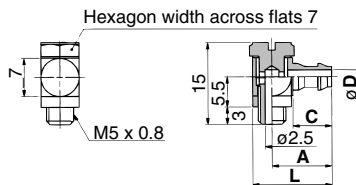
Model	C	D	L	Effective area (mm ²)	Weight (g)
10-MS-5AU-3	4.5	1.6	11.5	1.7	1.4
10-MS-5AU-4	5	1.8	12	2.1	1.5
10-MS-5AU-6	7	2.5	14	4.0	1.7

Barb elbow for polyurethane tube: 10-MS-5ALHU-3, -4, -6

10-MS-5ALHU-3,-4

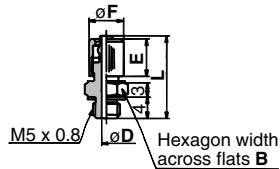


10-MS-5ALHU-6



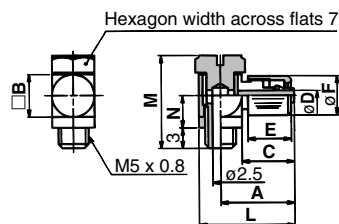
Model	A	C	D	L	Effective area (mm ²)	Weight (g)
10-MS-5ALHU-3	8	4.5	1.6	11.8	1.1	3.0
10-MS-5ALHU-4	8.8	5.0	1.8	12.6	1.4	3.1
10-MS-5ALHU-6	10.8	7.0	2.5	14.6	2.4	3.7

Hose nipple: 10-MS-5H-4, -6



Model	B	D	L	E	F	Effective area (mm ²)	Weight (g)
10-MS-5H-4	7	1.8	15.5	7	6.5	2.1	2.5
10-MS-5H-6	8	2.5	16.5	8	8.5	4.0	3.7

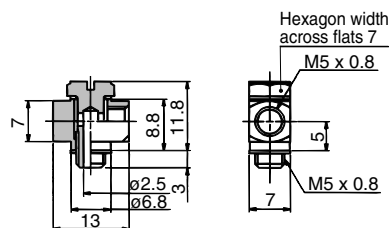
Hose elbow: 10-MS-5HLH-4, -6



Model	A	B	C	D	E	F	L	M	N	Effective area (mm ²)	Weight (g)
10-MS-5HLH-4	12	7	8.5	1.8	7	6.5	15.8	15	5.5	1.4	4.2
10-MS-5HLH-6	13.5	8	9.5	2.5	8	8.5	17.8	16	6	2.4	6.2

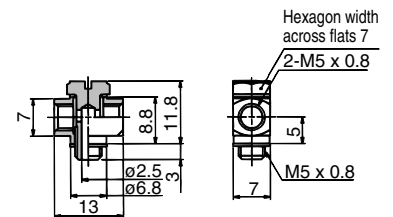
Universal elbow: 10-MS-5UL

Effective area: 2.4mm²
Weight: 4.5g



Universal tee: 10-MS-5UT

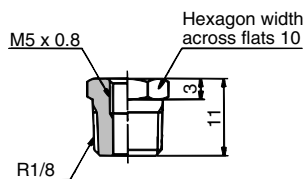
Effective area: 2.4mm²
Weight: 4.5g



Bushing: 10-MS-5B

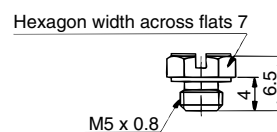
Effective area: 12mm²

Weight: 5.5g



Plug: 10-MS-5B

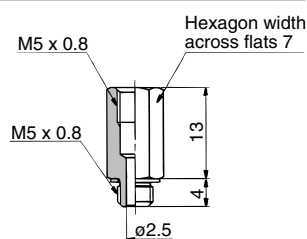
Weight: 1.2g



Extension fitting: 10-MS-5J

Effective area: 4.0mm²

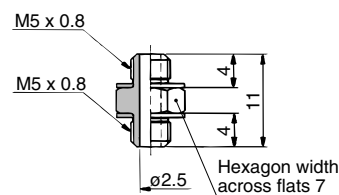
Weight: 3.4g



Nipple: 10-MS-5N

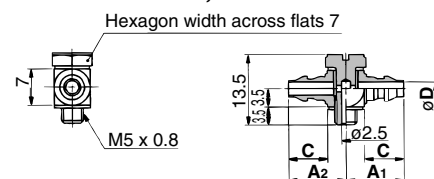
Effective area: 4.0mm²

Weight: 1.4g

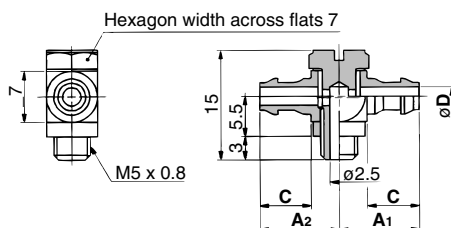


Barb tee for polyurethane tube: 10-MS-5ATHU-3, -4, -6

10-MS-5ATHU-3, -4



10-MS-5ATHU-6

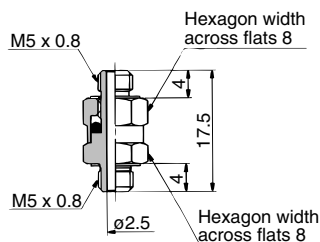


Model	A1	A2	C	D	Effective area (mm ²)	Weight (g)
10-MS-5ATHU-3	8	8.3	4.5	1.6	1.1	3.4
10-MS-5ATHU-4	8.8	8.8	5.0	1.8	1.4	3.6
10-MS-5ATHU-6	10.8	10.8	7.0	2.5	2.4	4.2

Universal nipple: 10-MS-5UN

Effective area: 4.0mm²

Weight: 3.7g



Gasket: 10-M-5G3, 10-M-5GH1

Weight: 0.04g

Weight: 0.08g

