












## Specifications





Note: Models shown  are also available with stainless (SUS 303) specifications. For the order code, use [model]-SUS.









Name and type	Straight (barb fitting)			Straight (barb fitting)			Straight (clamp fitting)						
													
Model	<b>CS-BF 3.2</b>	<b>CS-BF 5</b>	<b>CS-BF 6</b>	<b>CS-PBF 3.2</b>	<b>CS-PBF 5</b>	<b>CS-PBF 6</b>	<b>CS-BF3.2-N</b>	<b>CS-BF 4N</b>	<b>CS-BF 5N</b>	<b>CS-BF 6N</b>	<b>CS-BF 4U</b>	<b>CS-BF 6U</b>	
Port size	M5 × 0.8 (male thread)			R1/8 (male thread)			M5 × 0.8 (male thread)						
Applicable tube	Nylon			Nylon			Nylon				Urethane		
	O.D × I.D. mm	3.2 × 2.4	5 × 3	6 × 4	3.2 × 2.4	5 × 3	6 × 4	3.2 × 2.4	4 × 2.5	5 × 3	6 × 4	4 × 2.5	6 × 4
Effective area	mm <sup>2</sup>	1.7	2.0	3.6	1.8	2.2	3.9	1.6	2.0	2.7	3.2	2.0	3.2
Materials	Brass (nickel plated)			Brass (nickel plated)			Brass (nickel plated)						
Mass	g [oz.]	1.3 [0.046]	1.4 [0.049]	1.5 [0.053]	5.3 [0.187]	5.4 [0.190]	5.5 [0.194]	5.0 [0.176]	4.5 [0.159]	5.0 [0.176]	4.0 [0.141]	4.5 [0.159]	
Remarks	Attachments	With 1 gasket			—			With 1 gasket					
	Sales unit	1 pack (10 pcs.)			1 pack (5 pcs.)			1 pack (10 pcs.)					






Name and type	Straight (clamp fitting)						Elbow	Universal elbow (female thread type)		Universal elbow (barb fitting)			
													
Model	<b>CS-BF3.2N-01</b>	<b>CS-BF4N-01</b>	<b>CS-BF5N-01</b>	<b>CS-BF6N-01</b>	<b>CS-BF4U-01</b>	<b>CS-BF6U-01</b>	<b>CS-EF</b>	<b>CS-UEF</b>	<b>CS-URTF</b>	<b>CS-UEF 3.2</b>	<b>CS-UEF 5</b>	<b>CS-UEF 6</b>	
Port size	R1/8 (male thread)						M5 × 0.8 (female thread)	M5 × 0.8 (female thread, male thread)		M5 × 0.8 (male thread)			
Applicable tube	Nylon			Urethane			—	—	—	Nylon			
	O.D × I.D. mm	3.2 × 2.4	4 × 2.5	5 × 3	6 × 4	4 × 2.5	6 × 4	—	—	—	3.2 × 2.4	5 × 3	6 × 4
Effective area	mm <sup>2</sup>	1.6	2.1	2.7	3.6	2.1	3.6	7.2	1.7	2.2	1.2	1.2	1.5
Materials	Brass (nickel plated)						Brass (nickel plated)						
Mass	g [oz.]	10.5 [0.370]	10.0 [0.353]	10.0 [0.353]	9.5 [0.335]	11.0 [0.388]	9.5 [0.335]	5.5 [0.194]	7.1 [0.250]	7.7 [0.272]	5.4 [0.190]	5.7 [0.201]	5.9 [0.208]
Remarks	Attachments	—						With 2 gaskets					
	Sales unit	1 pack (10 pcs.)						1 pack (10 pcs.)	1 pack (5 pcs.)				


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Name and type	<b>Universal elbow (clamp fitting)</b> 					<b>Tee (female thread type)</b> 	<b>Universal tee (female thread type)</b> 		<b>Universal tee (barb fitting)</b> 			
Model	<b>CS-UEF 4N</b>	<b>CS-UEF 5N</b>	<b>CS-UEF 6N</b>	<b>CS-UEF 4U</b>	<b>CS-UEF 6U</b>	<b>CS-TF</b>	<b>CS-UTF</b>	<b>CS-UXF</b>	<b>CS-UTF 3.2</b>	<b>CS-UTF 5</b>	<b>CS-UTF 6</b>	
Port size	M5 × 0.8 (male thread)					M5 × 0.8 (female thread)	M5 × 0.8 (female thread, male thread)		M5 × 0.8 (male thread)			
Applicable tube	Materials	Nylon				Urethane		Nylon		Nylon		
	O.D × I.D. mm	4 × 2.5	5 × 3	6 × 4	4 × 2.5	6 × 4	—		3.2 × 2.4	5 × 3	6 × 4	
Effective area	mm <sup>2</sup>	1.3	1.4	1.5	1.3	1.5	8.0	1.6	2.2	1.6	1.7	1.7
Materials	Brass (nickel plated)					Brass (nickel plated)						
Mass	g [oz.]	13.0 [0.459]					5.3 [0.187]	6.5 [0.229]	7.5 [0.265]	5.6 [0.198]	6.0 [0.212]	6.4 [0.226]
Remarks	Attachments	With 2 gaskets					—		With 2 gaskets			
	Sales unit	1 pack (5 pcs.)					1 pack (10 pcs.)		1 pack (5 pcs.)			

Name and type	<b>Nipple (male thread type)</b> 	<b>Nipple (barb fitting)</b> 			<b>Swivel fitting</b> 	<b>Extension fitting</b> 	<b>Coupling</b> 	<b>Fitting for bulkhead</b> 	<b>Bushing</b> 	<b>Plug</b> 		
Model	<b>CS-NF</b>	<b>CS-NBF 3.2</b>	<b>CS-NBF 5</b>	<b>CS-NBF 6</b>	<b>CS-SF</b>	<b>CS-EXF</b>	<b>CS-CF</b>	<b>CS-BHF</b>	<b>CS-RBF 1</b>	<b>CS-RBF</b>	<b>CS-PF</b>	
Port size	M5 × 0.8 (male thread)	—			M5 × 0.8 (female thread, male thread)	M5 × 0.8 (female thread, male thread)	M5 × 0.8 (female thread)		R1/4-M5 × 0.8 (male thread)	R1/4-M5 × 0.8 (male thread)	M5 × 0.8 (male thread)	
Applicable tube	Materials	Nylon				—		—		—		
	O.D × I.D. mm	—	3.2 × 2.4	5 × 3	6 × 4	—		—		—		
Effective area	mm <sup>2</sup>	2.1	1.6	2.1	3.6	2.1	2.1	7.8	7.8	—		
Materials	Brass (nickel plated)				Brass (nickel plated)				Brass (nickel plated)			
Mass	g [oz.]	1.5 [0.053]	0.25 [0.0088]	0.75 [0.0265]	1.25 [0.0441]	4.7 [0.166]	5.5 [0.194]	1.75 [0.0617]	12.6 [0.444]	18 [0.63]	7 [0.25]	1.3 [0.046]
Remarks	Attachments	With 2 gaskets	—			With 1 gasket		—		With 2 lock nuts and 2 lock washers		With 1 gasket
	Sales unit	1 pack (10 pcs.)				1 pack (10 pcs.)			1 pack (5 pcs.)		1 pack (5 pcs.)	

Name and type	<b>Air manifold</b> 	<b>Air manifold</b> 	<b>Rotary air manifold</b> 	<b>Terminal</b> 	<b>Gasket</b> 	
Model	<b>CS-AM 8</b>	<b>CS-MBF 10</b>	<b>CS-RM 12</b>	<b>CS-TBF 10</b>	<b>CS-89-128</b>	
Port size	Rc1/8-M5 × 0.8 (8 places)	Rc1/8 (2 places) -M5 × 0.8 (10 places)	Rc1/8-M5 × 0.8 (12 places)	M5 × 0.8	—	
Applicable tube	Materials	—		—		
	O.D × I.D. mm	—		—		
Effective area	mm <sup>2</sup>	—		—		
Materials	Brass (nickel plated)	Aluminum alloy		Brass (nickel plated)	Aluminum alloy	
Mass	g [oz.]	60 [2.12]	43.8 [1.545]	137 [4.83]	20.7 [0.730]	
Remarks	Attachments	With 1 lock nut and 1 lock washer	—		—	
	Sales unit	1 pc.	1 pack (5 pcs.)		1 pc.	1 pack (5 pcs.)

Name and type	<b>Nylon tube</b> 			
Model	<b>CS-N 3.2</b>	<b>CS-N5</b>	<b>CS-N6</b>	
O.D × I.D.	mm	3.2 × 2.4	5 × 3	6 × 4
Materials	Nylon 12			
Maximum operating pressure	MPa [psi.]	0.9 [131]		
Operating temperature range	°C [°F]	0 ~ 80 [32 ~ 176]		
Color	White			
Unit mass	g [oz.]	3.6 [0.127]	11.7 [0.413]	15 [0.53]
Applicable barb fitting	CS-BF3.2, etc.	CS-BF5, etc.	CS-BF6, etc.	
Sales unit	1 roll (20m [65.6ft.])			