

# TAC FITTINGS

- Compact fitting series for all kinds of compact equipment.
- Wide selection of compact fittings.
- Dedicated nylon tubes are available.

## Types and Specifications

### Common specifications

Media	Air
Operating pressure range MPa [psi]	0 ~ 0.9 [0 ~ 131] <sup>Note</sup>
Proof pressure MPa [psi]	1.35 [196] <sup>Note</sup>

Note: However, check the specification values for the tubes you are using.

• The recommended tightening torque for thread sizes M3×0.5 and M5×0.8 is 0.6 N·m [5.311 in·lbf] and 1.6 N·m [14.162 in·lbf], respectively.

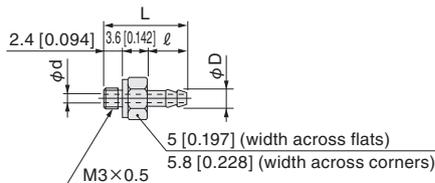
### Fittings for nylon tubes

Name and type		Straight (barb fitting)									
		BF3.2-M3			BF4-M3			BF5			BF6
Model		BF3.2-M3	BF4-M3	BF3.2	BF4	BF5	BF6	PBF3.2	PBF5	PBF6	
Port size		M3×0.5 (male thread)			M5×0.8 (male thread)			R1/8 (male thread)			
Applicable tube O.D × I.D mm [in]		3.2×2.4 [0.126×0.094]	4×2.5 [0.157×0.098]	3.2×2.4 [0.126×0.094]	4×2.5 [0.157×0.098]	5×3 [0.197×0.118]	6×4 [0.236×0.157]	3.2×2.4 [0.126×0.094]	5×3 [0.197×0.118]	6×4 [0.236×0.157]	
Effective area mm <sup>2</sup> [Cv]		1.0 [18.450]		1.7 [31.365]		2.0 [36.900]		1.8 [33.210]		3.9 [71.955]	
Operating temperature range °C [°F]		0 ~ 60 [32 ~ 140]									
Material		Stainless steel			Brass (nickel plated)						
Mass g [oz]		0.7 [0.025]		1.3 [0.046]		1.6 [0.056]		1.4 [0.049]		1.5 [0.053]	
Remark	Attachments/accessories	With 1 gasket						—			
	Sales unit	1 pack (10 pcs.)						1 pack (5 pcs.)			

## Dimensions mm [in]

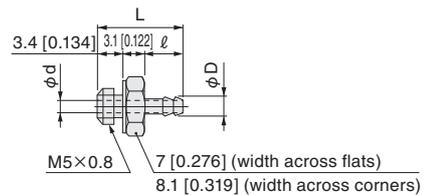
### Straight (barb fitting)

#### ●BF□-M3



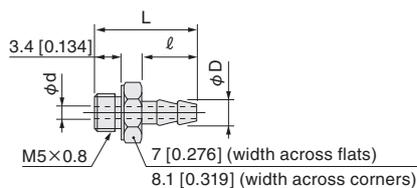
Model	D	L	l	d
BF3.2-M3	2.6 [0.102]	11 [0.433]	5 [0.197]	1.2 [0.047]
BF4-M3	2.9 [0.114]	11 [0.433]	5 [0.197]	1.2 [0.047]

#### ●BF4



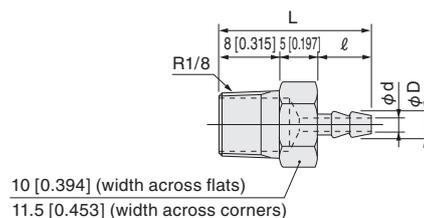
Model	D	L	l	d
BF4	2.9 [0.114]	11.5 [0.453]	5 [0.197]	1.6 [0.063]

#### ●BF□



Model	D	d	L	l
BF3.2	2.6 [0.102]	1.6 [0.063]	11.5 [0.453]	5 [0.197]
BF5	3.5 [0.138]	1.8 [0.071]	13.5 [0.531]	7 [0.276]
BF6	4.7 [0.185]	2.4 [0.094]	13.5 [0.531]	7 [0.276]

#### ●PBF□



Model	D	d	L	l
PBF3.2	2.6 [0.102]	1.6 [0.063]	18 [0.709]	5 [0.197]
PBF5	3.5 [0.138]	1.8 [0.071]	20 [0.787]	7 [0.276]
PBF6	4.7 [0.185]	2.4 [0.094]	20 [0.787]	7 [0.276]