

[Features]

- Takes in surrounding air, boosting the volume of powerful air blow. Ideal for blow-off drying.
- Uniform and efficient air blow with lower air consumption.
- Designed to have minimal noise level.
- Available in economical plastic or chemical/heat resistant stainless steel, in spray patterns of Flat type or Round type.

[Applications]

- Blow-off drying
- Cooling
- Blowing off dust
- Cleaning

TAIFUJet®-series (Flat type / Plastic)

TAIFUJet®-series (Flat type, 42mm wide)								
Material	• PPS (polyphenylene sulfide)							
Nozzle Code	Pipe Conn. Size	Dimensions(mm)						Mass (g)
		ℓ ₁	ℓ ₂	w	h ₁	h ₂	φ _c	
TAIFUJet® ¼MTF-F42-16-010PPS	¼M	90	42	42	11	14	7	20

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.

■ ¼MTF-F42-16-010PPS

* Max. air pressure: 0.7MPa (100psi)

Max. allowable temp.: 130°C (260°F)

TAIFUJet®-series (Compact flat type / Plastic)

TAIFUJet®-series (Flat type, 24mm wide)								
Material	• PPS (polyphenylene sulfide)							
Nozzle Code	Pipe Conn. Size	Dimensions(mm)						Mass (g)
		ℓ ₁	ℓ ₂	ℓ ₃	w	h	φ _c	
TAIFUJet® ⅛MTF-F24-8-010PPS-IN	⅛M	30	17	17	24	10	3.2	4

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.

■ ⅛MTF-F24-8-010PPS-IN

* Max. air pressure: 0.7MPa (100psi)

Max. allowable temperature: 130°C (260°F)

TAIFUJet®-series (Flat type / Stainless-steel)

TAIFUJet®-series (Flat type, 42mm or 50mm wide)								
Material	• 42mm type: S316L equivalent • 50mm type: S304							
Nozzle Code	Pipe Conn. Size	Dimensions(mm)						Mass (g)
		ℓ ₁	ℓ ₂	w	h ₁	h ₂	φ _c	
TAIFUJet® ¼MTF-F42-16-***S316L-IN	¼M	90	42	42	11	14	7	144
TAIFUJet® ¼MTF-F50-16-012S304	¼M	65	30	50	12	14	-	140

[Note] • Appearance and dimensions may differ slightly depending on materials and nozzle codes.
• Maximum allowable temperature: 400°C (750°F)

¼MTF-F42-16 is available in orifice diameters of ø0.8, ø1.0 or ø1.2mm.

Enter 008 for ø0.8, 010 for ø1.0, or 012 for ø1.2mm in place of *** in the nozzle codes when you order.

■ ¼MTF-F42-16-***S316L-IN

* Max. air pressure: 0.7MPa (100psi)

ød indicates the orifice diameter size; ø0.8 or ø1.0 or ø1.2mm.

■ ¼MTF-F50-16-012S304

* Max. air pressure: 1MPa (140psi)

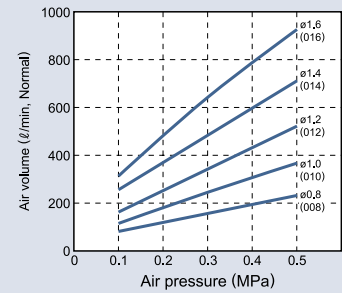
TAIFUJet®-series (Round type / Plastic)

TAIFUJet®-series (Round type, PP)					
Material	• PP (polypropylene)				
Nozzle Code	Pipe Conn. Size	Dimensions(mm)			Mass (g)
		ℓ	h	n	
TAIFUJet® 1/4MTF-R8-010PP-IN	1/4M	27	14	11.5	2

Max. allowable temperature : 60°C (140°F)

■ 1/4MTF-R8-010PP-IN
Pipe Conn. Size

■ Air consumption (Round type)



* Max. air pressure: 0.7MPa (100psi) for plastic round type.
1MPa (140psi) for stainless steel round type.

TAIFUJet®-series (Round type / Stainless-steel)

TAIFUJet®-series (Round type, Stainless-steel)					
Material	• Equivalent to S316L				
[Note] Surface gloss may vary depending on nozzle size.					
Nozzle Code	Pipe Conn. Size	Dimensions(mm)			Mass (g)
		ℓ	h	n	
TAIFUJet® 1/8MTF-R8-△△△S316L-IN	1/8M	20	12	7	7
TAIFUJet® 1/4MTF-R8-▲▲▲S316L-IN	1/4M	25	14	9.5	12

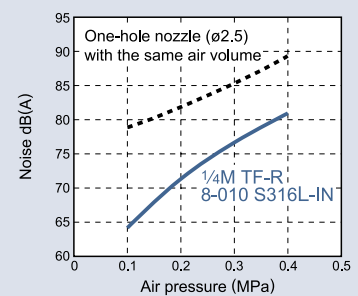
Max. allowable temperature : 400°C (750°F)

- Enter 008 for φ 0.8, 010 for φ 1.0, 012 for φ 1.2, or 014 for φ 1.4mm in place of △△△ in the nozzle codes.
- Enter 010 for φ 1.0, 012 for φ 1.2, 014 for φ 1.4, or 016 for φ 1.6mm in place of ▲▲▲ in the nozzle codes.

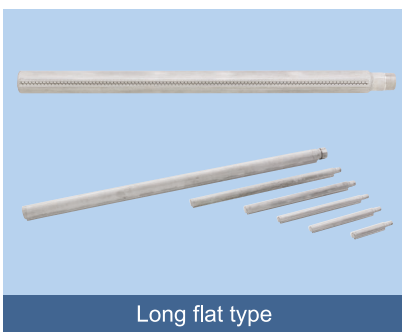
■ 1/8MTF-R8-△△△S316L-IN
1/4MTF-R8-▲▲▲S316L-IN
Pipe Conn. Size

φd indicates the orifice diameter size; φ0.8 or φ1.0 or φ1.2 or φ1.4 or φ1.6mm.

■ Noise level comparison (Round type)



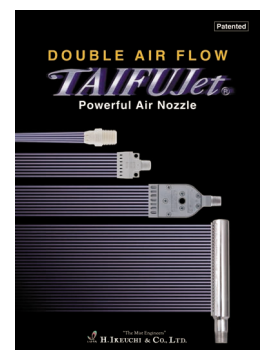
Related Products



* Made of stainless steel.
Available effective widths in 100, 150, 200, 300, 400, 500, 600, 700, 800, 900, 1,000, 1,200 and 1,400 (mm).



* Header with multiple round-type stainless steel air nozzles.
Header and adaptor made of stainless steel or aluminum.
Please contact us for details.



See Also: Catalog of TAIFUJet® Powerful Air Nozzle.

How to order

Please inquire or order for a specific nozzle using this coding system.

① Flat type made of plastic (PPS)

1/4MTF-F42-16-010PPS

② Compact flat type made of plastic (PPS)

1/8MTF-F24-8-010PPS-IN

③ Flat type made of stainless steel

1/4MTF-F42-16-*** S316L-IN

1/4MTF-F50-16-012S304

***.....008 or 010 or 012

④ Round type made of plastic (PP)

1/4MTF-R8-010PP-IN

⑤ Round type made of stainless steel

1/8MTF-R8-△△△ S316L-IN

1/4MTF-R8-▲▲▲ S316L-IN

△△△..... 008 or 010 or 012 or 014

▲▲▲..... 010 or 012 or 014 or 016

1/4M(NPT) threaded types are also available for 1/4M TF-F 42-16-010 PPS and 42-16-*** S316L-IN.
(For the other TAIFUJet® models, the standard thread type is PT only.)