

FAST MOVING TECHNOLOGY

STÄUBLI

Connection and blowing units HJF - TPF

Compressed air | Pharmaceutical and Food sectors



Connection and blowing solutions...

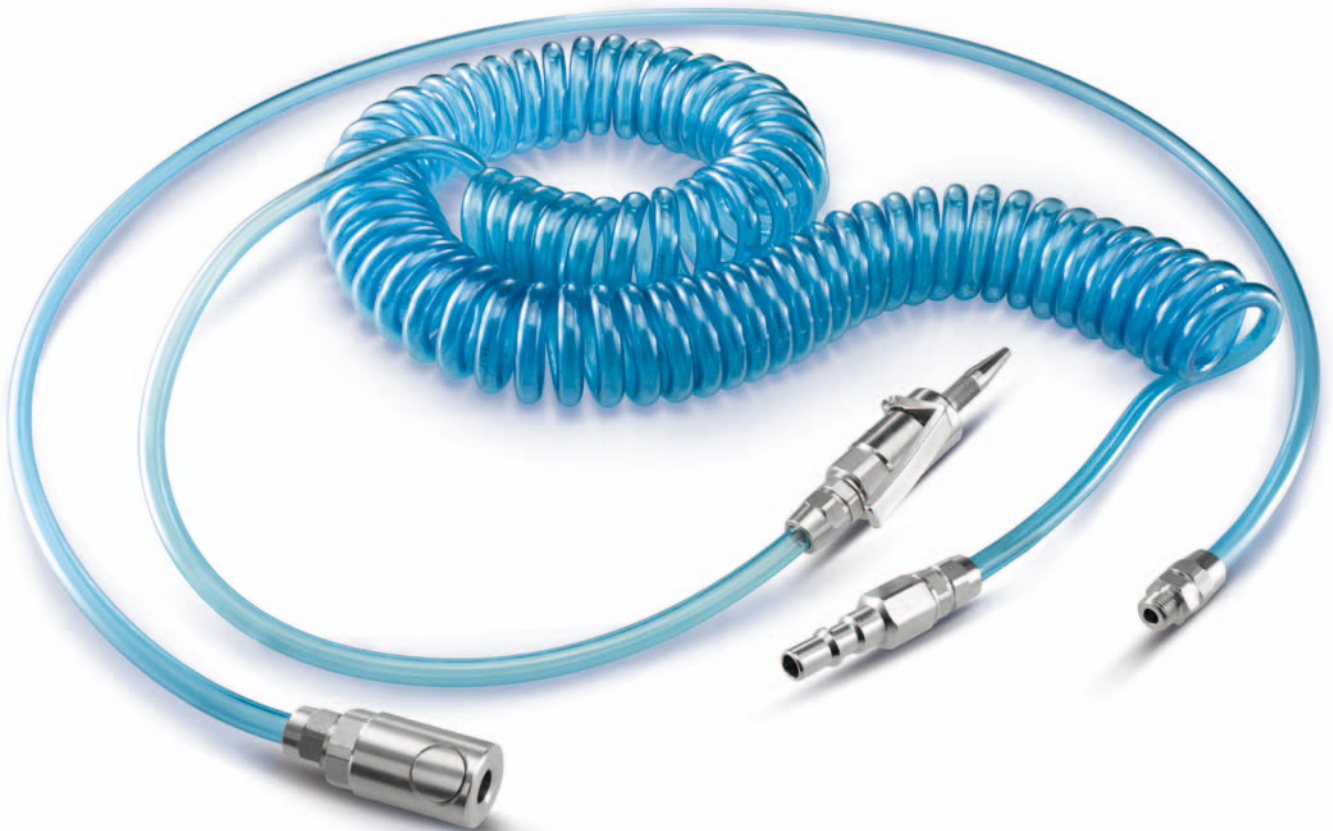


Coiled tube HJF

- Available in 3 lengths (3, 5 or 8 m) and 2 diameters
- Excellent shape-memory
- Long range

Straight tube TPF

- Available in 10 lengths (from 1 to 10 m) and 2 diameters





Clamp profiles

- 2 sizes of ferrules:
Ø 25 and 50 mm



Stainless steel blowgun

- Shock resistant
- Maintains air tightness, even after frequent uses
- Ergonomic
- Direct and concentrated blowing



Quick connectors

- 2 diameters: 06 and 08 mm
- 2 models:
 - **RBS** anti-hosewhip connection for gas circuits
 - **RBE** for fluid circuits

... configured to your application requirements

To ensure you meet the compliance requirements of the FDA (Food and Drug Administration), Stäubli offers the following products:

- Connection units for movable tanks:
 - Ensures no contamination due to pressurising of the tanks
 - Enables transfer of fluids
- Blowing and drying units which are required for washing areas.

Stäubli connection and blowing units guarantee quality, reliability and safety

- Ready to connect solutions.
- The design and materials are selected in line with the cleanliness and integrity requirements of the products.
- Available in two versions:
 - Coiled tube (HJF)
 - Straight tube (TPF)

Customised solutions

The tube (coiled or straight) is equipped with a stainless steel quick connector, a clamp profile connection or a blowgun.

Parking plate

The connection of the socket on a parking plate protects it against impurities when it is not in use.



The opportunity to spend less and contribute to a sustainable development programme.

With Stäubli, you can rely on:

- the performance of your equipment
- reliability of long-term investments

Technical specifications



Maximum allowable pressure PS (bar)

With temperatures:

- from -20 °C to +30 °C 8 bar
- from +30 °C to +40 °C 6 bar

FDA compliance

Tube, greases and seals used in compliance with FDA requirements:

- **Polyurethane tubes**
Following the standards of hygiene requirements of EN 1672-2+A1 and adapted to foods as RG-10/2011 and FDA CFR 21.177.2600.
- **G11 Grease**
NSF-H1 (n° 142567) standard compliant.
- **EPDM elastomer**
According to inertia criteria defined in the American FDA CFR21 regulations, paragraph 177-2600 (IANESCO report n° 2355).

Construction

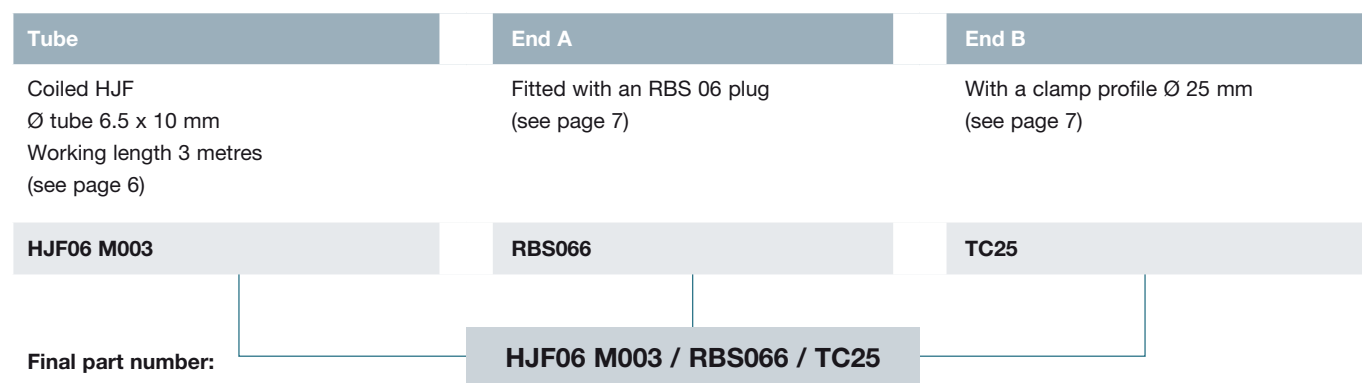
- **Tube** polyurethane
- **RBE couplings** stainless steel throughout
 - Ethylene - Propylene seals (JE)
 - Single shut-off
- **RBS couplings** stainless steel throughout
 - Ethylene - Propylene seals (JE)
 - Single shut-off
- **Clamp profile** stainless steel throughout
- **Blowgun** stainless steel throughout

Compiling part numbers

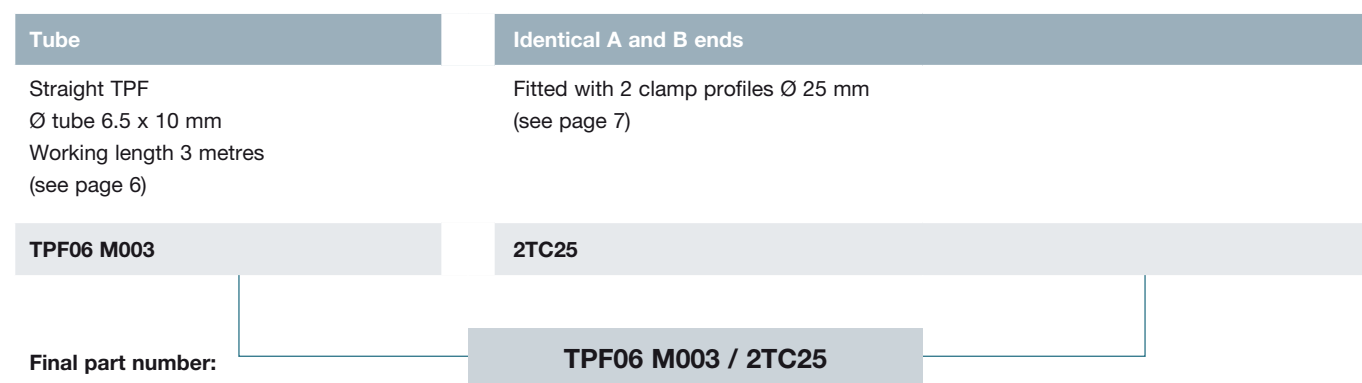
How to build your part number?

To create a part number for your complete unit, you will need to select a tube (page 6), End A (page 7) and End B (page 7).

Part number with a different A and B end



Part number with an identical A and B end



Product options and part numbers

Tube options

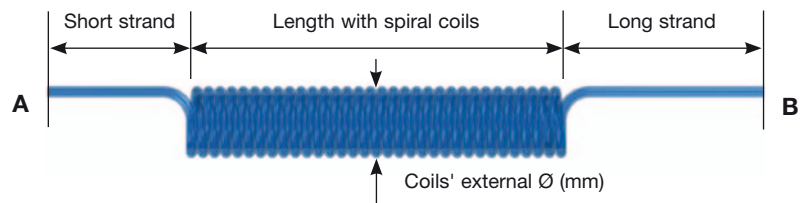
Straight tube TPF

- Available in 2 diameters: TPF06 (Ø 6.5 x 10) or TPF08 (Ø 8 x 12)
- 10 lengths available from 1 to 10 meters
- Building of the part numbers: (example) **TPF08 M010**

tube TPF Ø 8 mm length 10 m

Coiled tube HJF

- Available in 2 diameters: HJF06 (Ø 6.5 x 10) or HJF08 (Ø 8 x 12)
- 3 lengths available: 3, 5 or 8 meters



- HJF tube dimensions

Working length (mm)	HJF06			HJF08		
	3000	5000	8000	3000	5000	8000
Length with spiral coils (mm)	320	510	690	270	400	620
Short strand length (mm)	150	150	150	150	150	150
Long strand length (mm)	500	500	500	500	500	500
Coils' external Ø (mm)	52	52	52	65	65	65

- Building of the part numbers: (example) **HJF06 M003**

tube HJF Ø 6 mm length 3 m

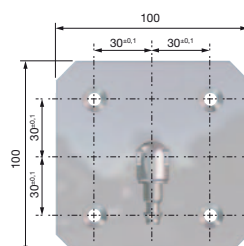
Parking plate

Part number





N00743809

For a connection that requires a parking plate, use sockets:




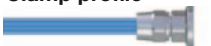
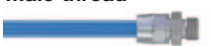
- RBE 06
- RBS 06




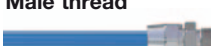
End A options

Type of connection		Designation	Compatibility	
			HJF06 / TPF06	HJF08 / TPF08
RBS plug 	Ø 06 mm	RBS066	■	■
	Ø 08 mm	RBS086	■	■
RBE plug 	Ø 06 mm	RBE066	■	■
	Ø 08 mm	RBE086	■	■
Clamp profile 	Ø 25 mm	TC25	■	■
	Ø 50 mm	TC50	■	■
Male thread 	G 1/4	AF151	■	
	G 3/8	AF152		■

End B options

Type of connection		Designation	Compatibility	
			HJF06 / TPF06	HJF08 / TPF08
Blowgun 	Ø 06 mm	PML/ZEP	■	
RBS socket 	Ø 06 mm	RBS061	■	
	Ø 08 mm	RBS081	■	■
RBE socket 	Ø 06 mm	RBE061	■	
	Ø 08 mm	RBE081	■	■
Clamp profile 	Ø 25 mm	TC25	■	■
	Ø 50 mm	TC50	■	■
Male thread 	G 1/4	AF151	■	
	G 3/8	AF152		■

Identical A & B end options

Type of connection		Designation	Compatibility	
			HJF06 / TPF06	HJF08 / TPF08
Clamp profile 	Ø 25 mm	2TC25	■	■
	Ø 50 mm	2TC50	■	■
Male thread 	G 1/4	2AF151	■	
	G 3/8	2AF152		■



■ Stäubli units ○ Agents

Global presence of the Stäubli Group

www.staubli.com