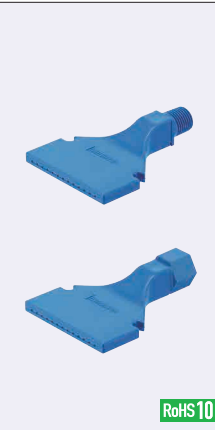


Flat Air Nozzles

Standard

Old standard type Flat Air Nozzles (AFTP, AFTA, AFTS, AFTF) have been discontinued.



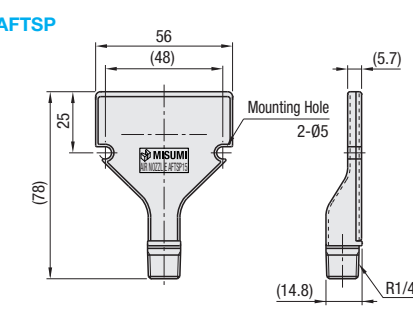
RoHS 10

| Type | Material | Max. Operating Pressure | Heat Resistance Temp. | Screw Shape | Thread Breakdown Torque |
|-------|-------------|-------------------------|-----------------------|---------------|-------------------------|
| AFTSP | ABS Plastic | 0.7MPa | 70°C | Male Threaded | 15N·m |
| AFTSF | ABS Plastic | 0.7MPa | 70°C | Tapped | 10N·m |

Applications: For removal of oil, water drops and chips, cooling/drying and air curtain, etc.

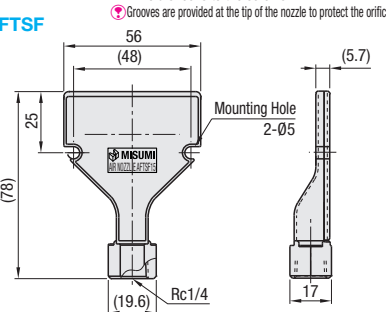
- To prevent damage
- Avoid excessive tightening of screws.
- Avoid shocks to the screws.
- Grooves are provided at the tip of the nozzle to protect the orifice.

AFTSP



56 (48) 25 (78) Mounting Hole 2-Ø5 (5.7) (14.8) R1/4

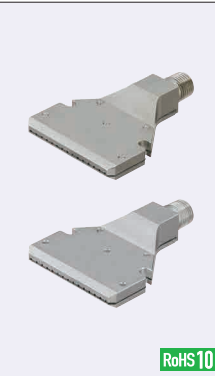
AFTSF



56 (48) 25 (78) Mounting Hole 2-Ø5 (5.7) (19.6) Rc1/4 17

| Part Number | | Orifice | Air Flow Rate NL/Min (for 0.3MPa) | Weight (g) | Unit Price | | | Volume Discount Rate | | |
|-------------|-----|---------|-----------------------------------|------------|--------------|------|-------|----------------------|--|--|
| Type | No. | | | | 1 ~ 4 pc(s). | 5~39 | 40~99 | 100~200 | | |
| AFTSP | 10 | 13-□0.7 | 240 | 16.8 | | | | | | |
| | 15 | 13-□0.9 | 260 | 16.5 | | | | | | |
| | 25 | 13-□1.2 | 280 | 16.2 | | | | | | |
| AFTSF | 15 | 13-□0.9 | 240 | 16.5 | | | | | | |

For orders larger than indicated quantity, please check with WOS.



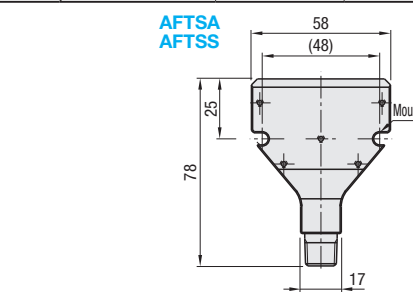
RoHS 10

| Type | Material | Max. Operating Pressure | Heat Resistance Temp. |
|-------|-------------------|-------------------------|-----------------------|
| AFTSA | EN AW-5052 Equiv. | 0.4MPa | 200°C |
| AFTSS | EN 1.4301 Equiv. | 0.4MPa | 200°C |

Applications: For removal of oil, water drops and chips, cooling/drying and air curtain, etc.

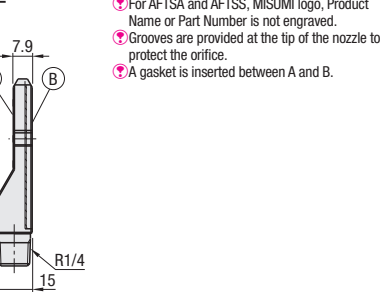
- Do not disassemble the main body.
- For AFTSA and AFTSS, MISUMI logo, Product Name or Part Number is not engraved.
- Grooves are provided at the tip of the nozzle to protect the orifice.
- A gasket is inserted between A and B.

AFTSA



58 (48) 25 (78) Mounting Hole 2-Ø5 7.9 (A) (B) R1/4 17

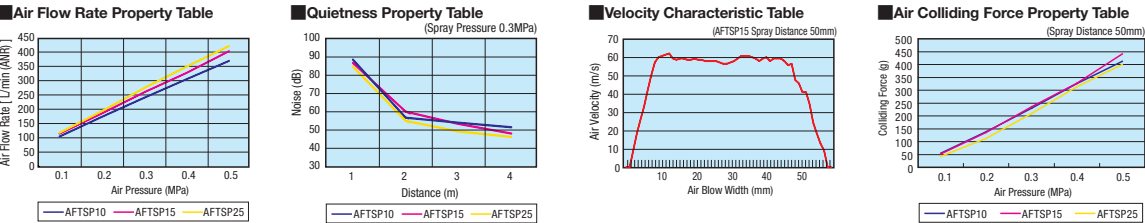
AFTSS



58 (48) 25 (78) Mounting Hole 2-Ø5 7.9 (A) (B) R1/4 15

| Part Number | | Orifice | Air Flow Rate NL/min (for 0.3MPa) | Weight (g) | Unit Price | | | Volume Discount Rate | | |
|-------------|-----|---------|-----------------------------------|------------|--------------|-----|-------|----------------------|--|--|
| Type | No. | | | | 1 ~ 4 pc(s). | 5~9 | 10~19 | 20~30 | | |
| AFTSA | 15 | 13-□0.9 | 240 | 60 | | | | | | |
| AFTSS | | | | 165 | | | | | | |

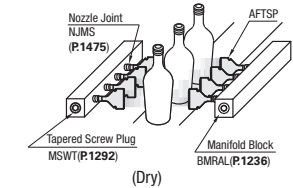
For orders larger than indicated quantity, please check with WOS.



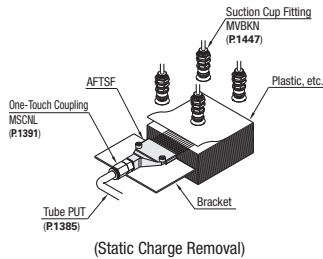
Values on the graph are for reference, not guaranteed.



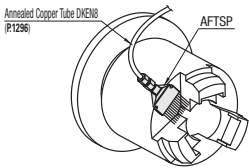
Example



In line arrangement is recommended for drying after cleaning process.




Tapped Type (AFTSF) can be directly mounted on threaded plumbing terminals (without having to use sockets).



Effective for chip removal when opening machining fixtures.

Flat Air Nozzles

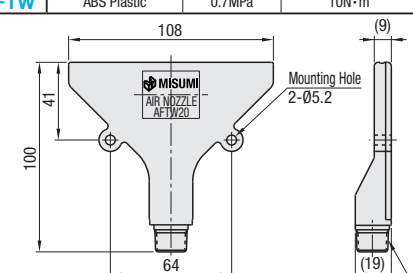
Wide / Compact



RoHS 10

| Type | Material | Max. Operating Pressure | Thread Breakdown Torque | Heat Resistance Temp. |
|------|-------------|-------------------------|-------------------------|-----------------------|
| AFTW | ABS Plastic | 0.7MPa | 10N·m | 70°C |

Wide Type



108 41 100 64 (9) Mounting Hole 2-Ø5.2 (19) R3/8

Features


Blow Port width approx. two times as wide as Standard Type (AFTSP).

- To prevent damage
- Avoid excessive tightening of screws.
- Avoid shocks to the screws.

| Part Number | | Orifice | Air Flow Rate NL/Min (for 0.3MPa) | Weight (g) | Unit Price | Volume Discount Rate | | |
|-------------|-----|---------|-----------------------------------|------------|------------|----------------------|------|-------|
| Type | No. | | | | | 1 ~ 4 pc(s). | 5~39 | 40~99 |
| AFTW | 20 | 32-Ø1 | 290 | 40 | | | | |



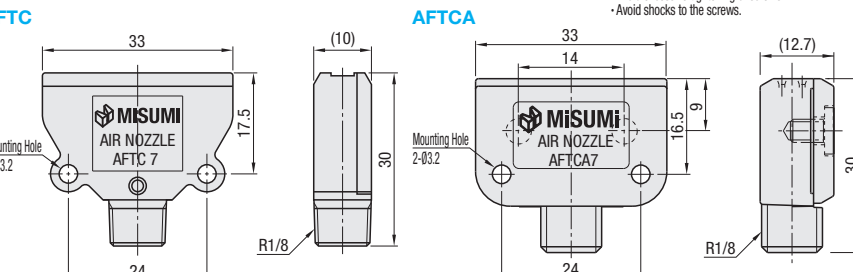
Ordering Example
Part Number
AFTW20



RoHS 10

| Type | Material | Surface Treatment | Max. Operating Pressure | Heat Resistance Temp. |
|-------|--------------------|----------------------------|-------------------------|-----------------------|
| AFTC | ABS Plastic | - | 0.7MPa | 70°C |
| AFTCA | EN AW-40100 Equiv. | Electroless Nickel Plating | 0.7MPa | 200°C |

Compact



AFTC: 33 17.5 24 2-Ø3.2 Mounting Hole 2-Ø3.2 R1/8 30
AFTCA: 33 14 24 2-Ø3.2 Mounting Hole 2-Ø3.2 R1/8 30 (12.7) 30

Features

More compact than Standard Type (AFTSP). (Width: Approx. 40%, Overall Length: Approx. 60% more compact)

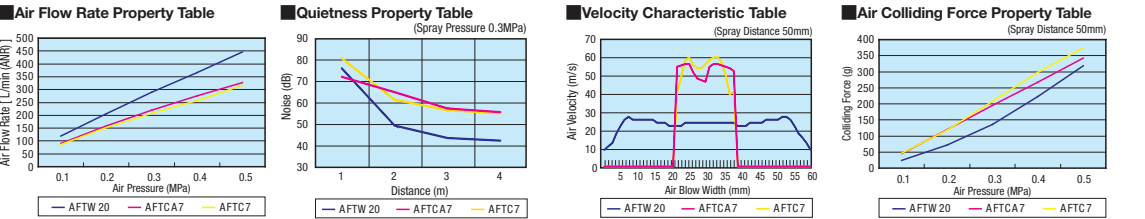
- To prevent damage
- Avoid excessive tightening of screws.
- Avoid shocks to the screws.

| Part Number | | Orifice | Air Flow Rate NL/Min (for 0.3MPa) | Weight (g) | AFTC | | | | AFTCA | | | |
|-------------|-----|----------------|---|---------------|--------------|----------------------|-------|---------|--------------|----------------------|-------|-------|
| | | | | | Unit Price | Volume Discount Rate | | | Unit Price | Volume Discount Rate | | |
| Type | No. | | | | 1 ~ 4 pc(s). | 5~39 | 40~99 | 100~200 | 1 ~ 4 pc(s). | 5~9 | 10~19 | 20~30 |
| AFTC | 7 | 22-Ø0.7 | 210 | 5 | | | | | - | - | - | - |
| AFTCA | | 5-Ø0.8, 6-Ø1.0 | 220 | 17 | - | - | - | - | | | | |



Ordering Example
Part Number
AFTC7

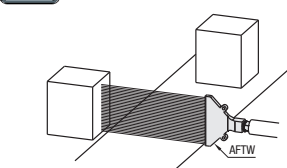
For orders larger than indicated quantity, please check with WOS.



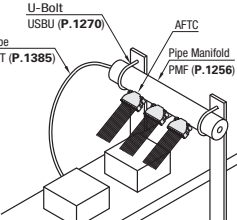
Values on the graph are for reference, not guaranteed.



Example



(Removal of Unacceptable Parts)



(Surface Cleaning)

Dimensional Comparison

