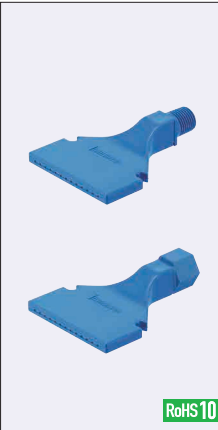


# Flat Air Nozzles

## Standard

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



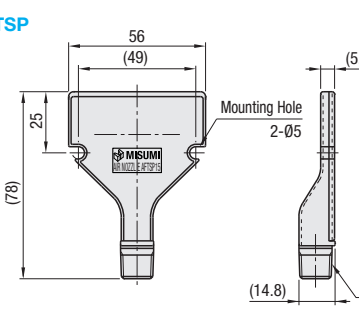
**RoHS 10**

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.

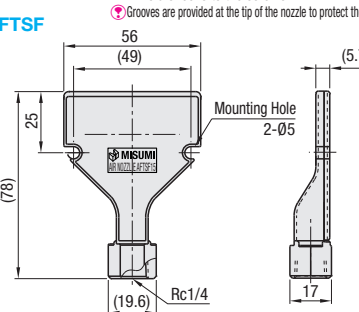
- To prevent damage
- Avoid excessive tightening of screws.
- Avoid shocks to the screws.
- Grooves are provided at the tip of the nozzle to protect the orifice.

**AFTSP**



56 (49) 25 (78) Mounting Hole 2-Ø5 (5.7) (14.8) R1/4

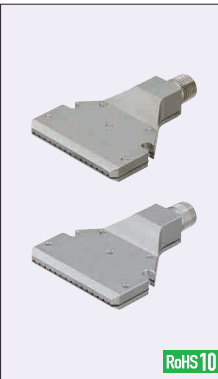
**AFTSF**



56 (49) 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.



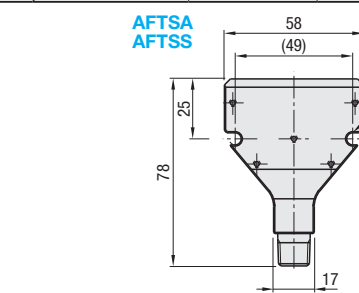
**RoHS 10**

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.

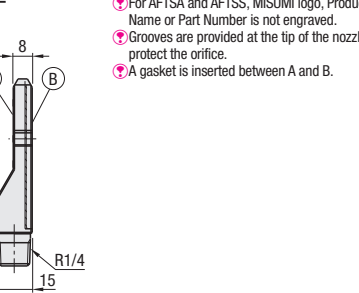
- Do not disassemble the main body.
- For AFTSA and AFTSS, MISUMI logo, Product Name or Part Number is not engraved.
- Grooves are provided at the tip of the nozzle to protect the orifice.
- A gasket is inserted between A and B.

**AFTSA**



58 (49) 25 (78) Mounting Hole 2-Ø5 8 (A) (B) R1/4 17

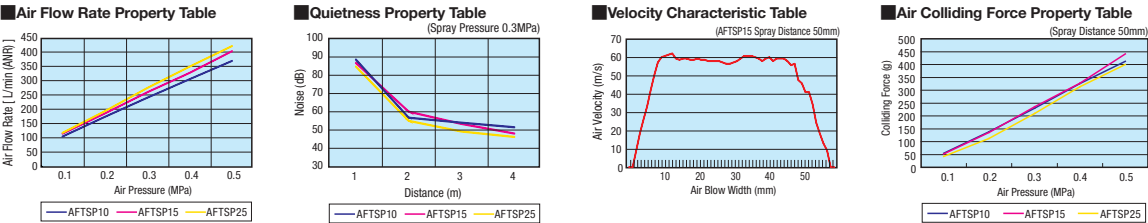
**AFTSS**



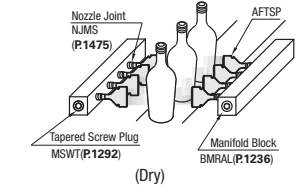
58 (49) 25 (78) Mounting Hole 2-Ø5 8 (A) (B) R1/4 15

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				

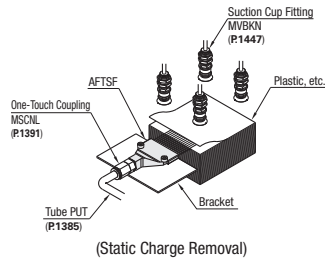
For orders larger than indicated quantity, please check with WOS.



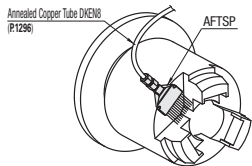
Values on the graph are for reference, not guaranteed.



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



**Wide Type**

**RoHS 10**

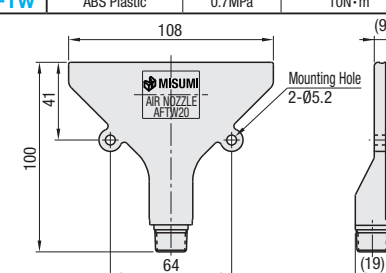
Type	Material	Max. Operating Pressure	Thread Breakdown Torque	Heat Resistance Temp.
AFTW	ABS Plastic	0.7MPa	10N·m	70°C

**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.

**AFTW**




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

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
AFTW	20	32-Ø1	290	40			

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





**Compact**

**RoHS 10**

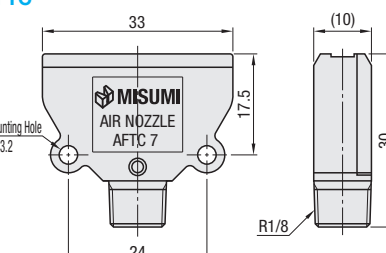
Type	Material	Surface Treatment	Max. Operating Pressure	Heat Resistance Temp.
AFTC	ABS Plastic	-	0.7MPa	70°C
AFTCA	EN AW-5052 Equiv.	Electroless Nickel Plating	0.7MPa	200°C

**Features**

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

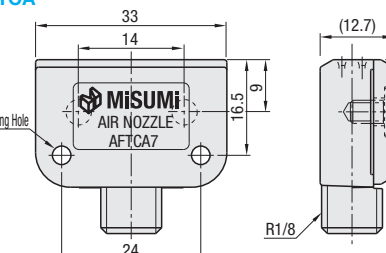
- To prevent damage
- Avoid excessive tightening of screws.
- Avoid shocks to the screws.

**AFTC**



33 17.5 (10) Mounting Hole 2-Ø3.2 24 R1/8

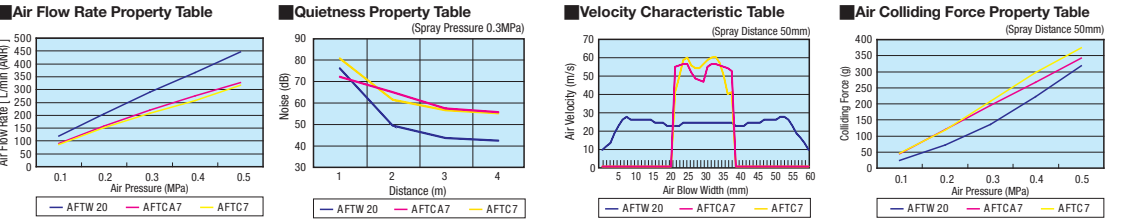
**AFTCA**



33 14 16.5 9 (12.7) Mounting Hole 2-Ø3.2 24 R1/8

Part Number	Orifice	Air Flow Rate NL/Min (for 0.3MPa)	Weight (g)	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	-	-	-	-	-	-	-

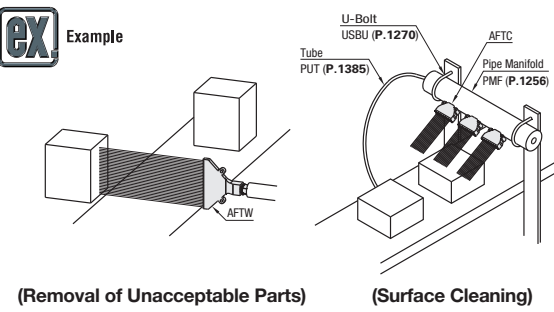
For orders larger than indicated quantity, please check with WOS.



Values on the graph are for reference, not guaranteed.



Example



### Dimensional Comparison

