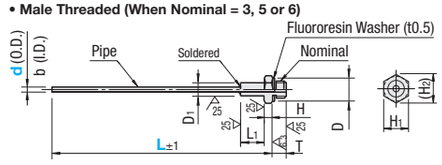
Air Blow Nozzles

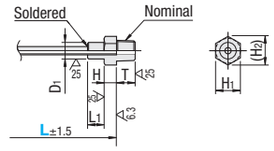
RoHS10

	Male Threaded		Tapped		Crisscross Knurled	Terminal Block	M Material	H Hardness
	Annealing	No Annealing	Annealing	No Annealing	Annealing	Annealing		
L Fixed	ABNZ	ABNZN	ABNZM	ABNZMN	ABNK	ABTA	Main Body, Pipe SUS304	Annealing HV200 or Less No Annealing HV250 ~ 380
L Configurable	ABNZL	ABNZNL	ABNZML	ABNZMNL	ABNX	ABTAL		

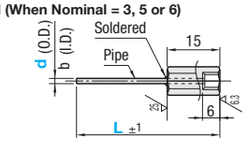
• Male Threaded (When Nominal = 3, 5 or 6)



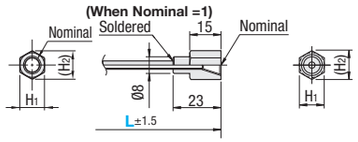
(When Nominal =0.5 or 1)



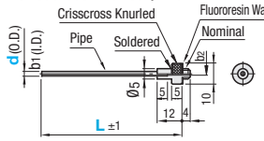
• Tapped (When Nominal = 3, 5 or 6)



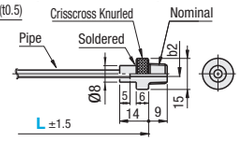
(When Nominal =1)



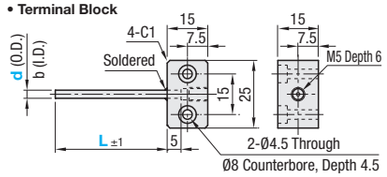
• Crisscross Knurled (When Nominal = 5)



(When Nominal =1)



• Terminal Block



■Threaded, Tapped

Part Number Type	Nominal	d	L Fixed	L 1mm Increment	b	Thread Size R / Rc (PT)	D1	L1	T	H	H1	(H2)	D	L Dimension Fixed Unit Price Male Threaded ABNZ	L Dimension Fixed Unit Price Male Threaded ABNZN	L Dimension Fixed Unit Price Tapped ABNZM	L Dimension Fixed Unit Price Tapped ABNZMN	L Dimension Configurable Unit Price Male Threaded ABNZL	L Dimension Configurable Unit Price Male Threaded ABNZNL	L Dimension Configurable Unit Price Tapped ABNZML	L Dimension Configurable Unit Price Tapped ABNZMNL
(L Fixed) ABNZ ABNZN ABNZM ABNZMN (L Configurable) ABNZL ABNZNL ABNZML ABNZMNL	3	1.0	100 150 (150 is for * marked types only.)	20~99 (Only * marked types 20~149)	0.5	M3	4	9.5	4	2.5	7	6.9	7		-		-		-		-
		1.5			0.8										-		-		-		-
		2.0			1.0										-		-		-		-
	5	1.0			0.5	M5		7				8.1									
		1.5			0.8																
		2.0			1.0																
		2.5			1.5																
		3.0			2.0																
	6	1.0			0.5	M6	5	9	5	3	8	9.2	9		-		-		-		-
		1.5			0.8										-		-		-		-
		2.0			1.0										-		-		-		-
		2.5			1.5										-		-		-		-
		3.0			2.0										-		-		-		-
	0.5	1.0		25~99	0.5	1/16	7	8	8	4	10	11.5	-		-	-	-		-	-	-
		1.5			0.8										-	-	-		-	-	-
		2.0			1.0										-	-	-		-	-	-
		2.5			1.5										-	-	-		-	-	-
		3.0			2.0										-	-	-		-	-	-
	1	4.0	100 200	30~199	3.0	1/8	8	9	6	12	13.8				-		-		-		-
		5.0			4.0										-		-		-		-
		6.0			5.0										-		-		-		-

■Crisscross Knurled

Part Number Type	Nominal	d	L Fixed	L 1mm Increment	b1	b2	Thread Size R (PT)	Unit Price L Fixed ABNK	Unit Price L Configurable ABNX
(L Fixed) ABNK (L Configurable) ABNX	5	1.0	100	20~99	0.5	2.0	M5		
		1.5			1.0	2.0			
		2.0			1.0	2.0			
		2.5			1.5	2.3			
		3.0			2.0	2.8			
	1	4.0			3.0	3.0	1/8		
		5.0			4.0	4.0			
		6.0			5.0	5.0			

■Terminal Block Type

Part Number Type	Nominal	d	L Fixed	L 1mm Increment	b	Unit Price L Fixed ABTA	Unit Price L Configurable ABTAL
(L Fixed) ABTA (L Configurable) ABTAL	5	1.0	100	20~99	0.5		
		1.5			0.8		
		2.0			1.0		
		2.5			1.5		
		3.0			2.0		

Ordering Example

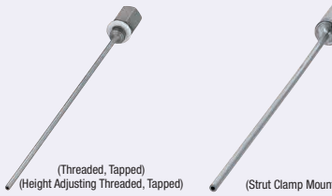
Part Number	-	d	-	L
ABNZ5	-	1.5	-	100
ABNZNL5	-	2.0	-	65
ABNZL5	-	1.0	-	149

- The annealed pipe of d=1.0 ~ 3.0 can be manually bent (not applicable when d=4.0 or more). Be careful to bend referring to rough standard of minimum bending radius; O.D.x3. Annealed pipe is available for Straight Type.
- An industrial cutter can cut the pipe, rolling it.
- Main body may be discolored due to heat by brazing.

Alterations

Part Number - d - L - (CC)
ABNX5 - d1.0 - L50 - CC45

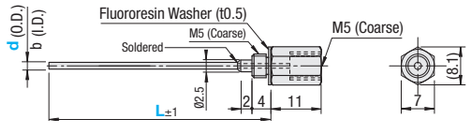
Alterations	Tip Cut 45°
Code	CC45
Spec.	Cuts the tip of nozzle at 45°. Applicable to wide-range air blow. Ordering Code CC45 Applicable to Crisscross Knurled ABNX only.



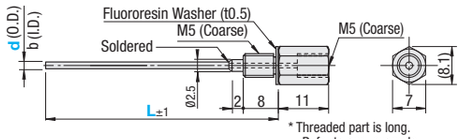
RoHS10

	Threaded and Tapped	Height Adjusting Threaded, Tapped	Strut Clamp Mounting	2-Core Threaded	Barbed Coupler	Hose Nipple	M Material	H Hardness
L Fixed	ABNZH	ABNML	ABNZS	ABNKH	ABNZT	ABNZP	Main Body, Pipe SUS304	HV200 or Less
L Configurable	ABNZHL	ABNMLL	ABNZSL	ABNXH	ABNZTL	ABNZPL		

• Threaded, Tapped ABNZH (L Fixed) ABNZHL (L Configurable)



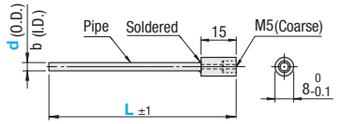
• Height Adjusting Threaded, Tapped ABNML (L Fixed) ABNMLL (L Configurable)



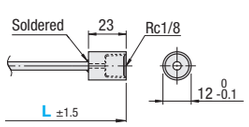
* Threaded part is long. Refer to app. example.

• Strut Clamp Mounting Type ABNZS (L Fixed) ABNZSL (L Configurable)

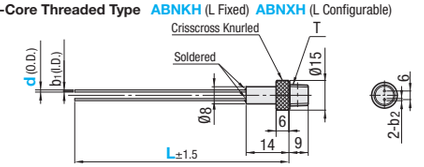
(When Nominal =5)



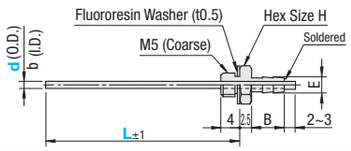
(When Nominal =1)



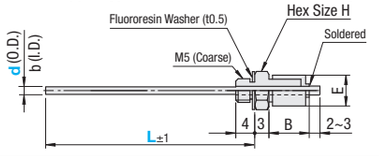
• 2-Core Threaded Type ABNKH (L Fixed) ABNXH (L Configurable)



• Barbed Coupler Type ABNZT (L Fixed) ABNZTL (L Configurable)



• Hose Nipple Type ABNZP (L Fixed) ABNZPL (L Configurable)



■Threaded and Tapped ■Height Adjusting Threaded, Tapped ■Strut Clamp Mounting

Part Number Type	Nominal	d	L Fixed	L 1mm Increment	b	L Dimension Fixed Unit Price ABNZH, ABNML	L Dimension Fixed Unit Price ABNZS	L Dimension Configurable Unit Price ABNZHL, ABNMLL	L Dimension Configurable Unit Price ABNZSL
(L Fixed) ABNZH ABNML ABNZS (L Configurable) ABNZHL ABNMLL ABNZSL	5	1.0	100 150 (150 is for ABNZH only.)	20 ~ 99 (20 ~ 149 for ABNZHL only.)	0.5				
		1.5			0.8				
		2.0			1.0	-		-	
		2.5			1.5	-		-	
		3.0			2.0	-		-	
	1	4.0	100 200	30~199	3.0	-		-	
		5.0			4.0	-		-	
		6.0			5.0	-		-	

■2-Core Threaded

Part Number Type	Nominal	Nozzle Quantity	d	L Fixed	L 1mm Increment	T R (PT)	b1	b2	Unit Price L Fixed ABNKH	Unit Price L Configurable ABNXH
(L Fixed) ABNKH (L Configurable) ABNXH	1	2	1.0	100	20~99	1/8	0.5	1.0		
			1.5				1.0	1.5		
			2.0				1.0	2.0		

- The pipe of d=1.0 ~ 3.0 can be manually bent (not applicable when d=4.0 or more). Be careful to bend referring to rough standard of minimum bending radius; O.D.x3.
- An industrial cutter can cut the pipe, rolling it.
- Main body may be discolored due to heat by brazing.
- When Barbed Coupler Type is used in combination with tube, use the same number. as O.D. of tube on **P.1385**.

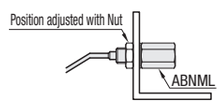
■Barbed Coupler

Part Number Type	No.	d	L Fixed	L 1mm Increment	b	B	E	H	Unit Price L Fixed ABNZT	Unit Price L Configurable ABNZTL
(L Fixed) ABNZT (L Configurable) ABNZTL	4	1.0	100	20~99	0.5	6.9	3.4	7		
		1.5			0.8					
	6	2.0			1	7	4.8	7		
		2.5			1.5					

■Hose Nipple

Part Number Type	No.	d	L Fixed	L 1mm Increment	b	B	E	H	Unit Price L Fixed ABNZP	Unit Price L Configurable ABNZPL
(L Fixed) ABNZP (L Configurable) ABNZPL	4	1.7	100	20~99	0.9	8.5	6.5	7		
	6	2.5			1.5	9.5	8.5	8		

Ordering Example

Part Number	-	Nozzle Quantity	-	d	-	L
ABNZH5			-	1.5	-	100
ABNZSL1			-	5.0	-	172
ABNKH1	-	2	-	1.0	-	100

Example