

Air Blow Nozzles

Threaded / Tapped / Knurling Crisscross / Terminal Block

	Threaded		Tapped		Knurling Crisscross	Terminal Block	Material	Hardness
	Annealing	No Annealing	Annealing	No Annealing	Annealing	Annealing		
L Dimension Fixed	ABNZ	ABNZN	ABNZM	ABNZMN	ABNK	ABTA	Body, Pipe 304 Stainless Steel	Annealing HV min. 200 or Less No Annealing HV min. 250-380
L Dimension Configurable	ABNZL	ABNZNL	ABNZML	ABNZMNL	ABNX	ABTAL		

Threaded (For Nominal 3, 5, or 6) (When Nominal 0.5 or 1)

Tapped (For Nominal 3, 5, or 6) (When Nominal 1)

Knurling Crisscross (When Nominal=5) (When Nominal=1)

Terminal Block Type

Threaded, Tapped

Part Number	Type	Nominal	d	L		b	Thread Size R/Rc (PT)	D ₁	L ₁	T	H	H ₁	(H ₂)	D
				L Dimension Fixed Selection	L Dimension Configurable 1 mm Increment									
L Fixed ABNZ ABNZN ABNZM ABNZMN	3	5	1.0	100	20-99	0.5	M3	4	7	4	2.5	7	8.0	7
			1.5											
			2.0											
			2.5											
			3.0											
			3.0											
L Configurable ABNZL ABNZNL ABNZML ABNZMNL	0.5	1	1.0	100	25-99	0.5	1/16	7	8	4	10	11.5	-	
			1.5											
			2.0											
			2.5											
			3.0											
			6.0											
L Fixed ABNZ ABNZN ABNZM ABNZMN	1	1	1.0	100	30-199	0.5	1/8	8	9	6	12	13.8	-	
			1.5											
			2.0											
			2.5											
			3.0											
			6.0											

- 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. x 3. Annealed pipe is available for Straight Type.
- An industrial cutter can cut the pipe, rolling it.
- The body may be discolored due to heat by brazing.

Crisscross Knurled

Part Number	Type	Nominal	d	L		b ₁	b ₂	Thread Size R (PT)
				L Dimension Fixed	L Dimension Configurable 1 mm Increment			
L Fixed ABNK	5	1	1.0	100	20-99	0.5	2.0	M5
			1.5					
			2.0					
			2.5					
			3.0					
			3.0					
L Configurable ABNX	1	1	4.0	100	20-99	3.0	3.0	1/8
			5.0					
			6.0					
			6.0					
			6.0					
			6.0					

Terminal Block Type

Part Number	Type	Nominal	d	L		b
				L Fixed	L Configurable 1 mm Increment	
L Dimension Fixed ABTA	5	1	1.0	100	20-99	0.5
			1.5			
			2.0			
			1.0			
L Dimension Configurable ABTAL	5	1	2.5	100	20-99	1.5
			3.0			
2.0						

Part Number 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 Knurling ABNX only.

Part Number Example

Part Number - d - L

ABNZ5 - 1.5 - 100

ABNZL5 - 2.0 - 65

Air Blow Nozzles

Threaded, Tapped / Strut Clamp Mounting / 2-Core Threaded / Barbed Coupler / Hose Nipple

	Threaded & Tapped		Height Adjusting Threaded, Tapped	Strut Clamp Mounting	2-Core Threaded	Barbed Coupler	Hose Nipple	Material	Hardness
	L Fixed	L Configurable	ABNML	ABNZS	ABNKH	ABNZT	ABNZP		
L Fixed	ABNZH	ABNZHL	ABNML	ABNZS	ABNKH	ABNZT	ABNZP	Body & Pipe 304 Stainless Steel	HV min. 200 or Less
L Configurable	ABNZHL	ABNMLL	ABNMLL	ABNZSL	ABNXH	ABNZTL	ABNZPL		

Threaded / Tapped ABNZH L Dimension Fixed ABNZHL L Dimension Configurable

Height Adjusting Threaded, Tapped ABNML L Dimension Fixed ABNMLL L Dimension Configurable

Strut Clamp Mounting ABNZS L Dimension Fixed ABNZSL L Dimension Configurable

2-Core Threaded ABNKH L Dimension Fixed ABNXH L Dimension Configurable

Barbed Coupler ABNZT L Dimension Fixed ABNZTL L Dimension Configurable

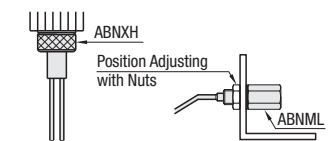
Hose Nipple ABNZP L Dimension Fixed ABNZPL L Dimension Configurable

Threaded / Tapped Height Adjusting Threaded / Tapped Strut Clamp Mounting

Part Number	Type	Nominal	d	L		b
				L Fixed Selection	L Configurable 1 mm Increment	
L Fixed ABNZH ABNML ABNZS	5	1	1.0	100	20-99	0.5
			1.5			
			2.0			
			2.5			
			1.5			
			1.5			
L Configurable ABNZHL ABNMLL ABNZSL	1	1	4.0	100	20-99	2.0
			5.0			
			6.0			
			3.0			
			4.0			
			5.0			

- 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.
- An industrial cutter can cut the pipe, rolling it.
- The 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.3474.

Application Example



2-Core Threaded

Part Number	Type	Nominal	Nozzle Qty.	d	L		T R (PT)	b ₁	b ₂
					L Fixed	L Configurable 1 mm Increment			
L Fixed ABNKH	1	2	2	1.0	100	20-99	1/8	0.5	1.0
				1.5					
				2.0					
L Configurable ABNXH	1	2	2	1.0	100	20-99	1/8	1.0	1.5
				1.5					
				2.0					

Barbed Coupler

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

Hose Nipple

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

Part Number Example

Part Number - Nozzle Qty. - d - L

ABNZH5 - 1.5 - 100

ABNZSL1 - 5.0 - 172

ABNKH1 - 2 - 1.0 - 100