

CHAMFERING

Pneumatic Chamfering Tool

MINI BEVELER



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Model **AMBL-0307**

• Lever switch type

Model **AMB-0307** Non-CE

• Ring switch type



7C	3C
4R	4R
Mild Steel	Stainless Steel

Ideal for chamfering plate, pipe, tube and other profiles

- Lightweight design for portable edge chamfering applications
- Designed to chamfer stainless and carbon steels
- Adjustable to chamfer angles from 15° to 45°
- 300 mm minimum radius bend
- Chamfer width up to 7 mm at 45°
- Uses indexable carbide inserts

Specifications

Model	AMBL-0307 / AMB-0307	
Air Pressure	MPa (kgf/cm ²)	0.6 (6)
Air Consumption (No-load)	m ³ /min	0.9
Free Speed	min ⁻¹ (rpm)	14000
Chamfering Capacity	Mild Steel	Up to 7 mm Chamfer * or 2, 3, 4 mm Radius
	Stainless Steel	Up to 3 mm Chamfer or 2, 3, 4 mm Radius
Chamfer Angle	15° - 45°	
Air Inlet Size	Rc 3/8	
Mass (Weight)	kg	2.9
Installed Indexable Insert	Indexable Insert with Hole 12.7	

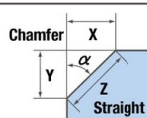
*Max chamfering capacity for one-cut is 4C.

Accessories Included

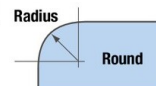
- Indexable Insert with Hole 12.7 (Installed)
- Indexable Insert Set Screw 4 x 7 (Installed)
- Indexable Insert with Hole 12.7
- Indexable Insert Set Screw 4 x 7
- Knob
- 2 pieces of Hex Socket Set Screw 8 x 25
- 2 pieces of Hex Nut M8
- 3 mm Hex Socket Screw Key
- 4 mm Hex Socket Screw Key
- Spanner T-15F
- Bushing R 3/8 x NPT 3/8 (AMB-0307)
- Bushing R 1/4 x NPT 1/4 (AMB-0307)

Chamfer Angle, Width and Radius

Chamfer Angle α	Mild Steel(mm)			Stainless Steel(mm)		
	X	Y	Z	X	Y	Z
45°	7	7	9.9	3	3	4.2
30°	4	7	8.1	2.2	3.8	4.4
15°	2.2	8	8.3	1	3.8	3.9



	Mild Steel(mm)	Stainless Steel(mm)
Radius	2, 3, 4	2, 3, 4



Pneumatic Radial Chamfering Tool

CIRCUIT BEVELER

Model **CB-01**



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1C	1C	0.5C
Aluminum*	Mild Steel	Stainless Steel*

Ideally suited for chamfering machine and mold component parts

- Only requires a 6.8 mm diameter hole for chamfering
- Two 3-sided indexable inserts provide a cost effective way to get a smooth, chatter free finish
- Aluminum and stainless steel can also be processed with optional indexable insert

Specifications

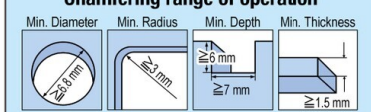
Model	CB-01	
Air Pressure	MPa (kgf/cm ²)	0.6 (6)
Air Consumption (No-load)	m ³ /min	0.15
Free Speed	min ⁻¹ (rpm)	28000
Chamfering Capacity	Mild Steel	Up to 1 mm Chamfer or 1 mm Radius
	Stainless Steel*	Up to 0.5 mm Chamfer
	Aluminum*	Up to 1 mm Chamfer
Chamfer Angle	45°	
Minimum Workpiece Thickness	mm	1.5 (0.5 mm Chamfer)
Air Inlet Size	Rc 1/4	
Mass (Weight)	kg	0.5
Installed Indexable Insert	2 pieces of Indexable Insert 8.4	

*Optional indexable insert is required.

Accessories Included

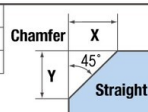
- 2 pieces of Indexable Insert 8.4 (Installed)
- 2 pieces of Indexable Insert Set Screw (Installed)
- 2 pieces of Indexable Insert Set Screw
- 2 mm Hex Socket Screw Key for Chamfering Adjustments
- Spanner T-6F for Replacement of Indexable Insert
- Bushing R 1/4 x NPT 1/4

Chamfering range of operation



Chamfer Angle and Width

Mild Steel(mm)		Stainless Steel(mm)		Aluminum(mm)	
X	Y	X	Y	X	Y
1	1	0.5	0.5	1	1



	Mild Steel(mm)
Radius	1

