

Compact portable models meet your versatile chamfering jobs



HAND BEVELER

Model **HB-15B**

Electric Mild Steel **15C**

(Photo: 230 V AC Type)

Finish a surface so fine that post-sanding is unnecessary

Column R-section can be chamfered with accessory Plate B

Insert with 4-side blades per piece practices good economy

MINI BEVELER

Model **EMB-0307B**

Electric Double insulation

Stainless Steel **3C** Mild Steel **7C**

4R **4R**

Applicable to stainless steel and mild steel chamfering

Pipe outer edge can be also processed with standard accessories

Dust box collects swarf and chips effectively

MINI BEVELER

Model **MB-03A**

Electric Double insulation

Mild Steel **3C**

2R, 3R

An outer R-part attachment allows chamfering of outer diameters with a radius greater than 170 mm

An optional inner head ass'y allows chamfering a pipe of inner diameter larger than 100 mm (50R)

CIRCUIT BEVELER

Model **ECB-0203**

Electric Double insulation

Stainless Steel **1.5C** Mild Steel **3C**

2R **3R**

Applicable to stainless steel and mild steel chamfering

Minimum chamfering plate thickness is 2 mm (Max. 0.5C)

An optional straight plate allows chamfering a straight edge shoulder

Specifications

Model (Electric Tool)	HB-15B		EMB-0307B		MB-03A		ECB-0203	
Power Source (Single Phase)	115 V AC	230 V AC	220 - 240 V AC, 50/60 Hz		230 V or 115 V AC, 50/60 Hz		220 - 240 V AC, 50/60 Hz	
Rated Power Consumption	W	910	910	1,010	430	450		
Rated Current	A	10.5	4	4.6	2 / 4.5	2.1		
Rated Duty	min	Continuous		Continuous	30	30		
No-load Speed	min ⁻¹ (rpm)	3,340	2,750	11,000	11,000	11,000		
Chamfering Capacity	Mild Steel	OC - 15C (7C per chamfering)		OC - 7C, 2R, 3R, 4R	OC - 3C, 2R, 3R	OC - 3C, ※2R, ※3R		
	Stainless Steel	—		OC - 3C, 2R, 3R, 4R	—	OC - 1.5C, ※2R		
Chamfer Angle		15° - 45°		15° - 45°	45°	45°		
Power Cord	m	5		4	2.5	2.5		
Mass (Weight)	kg	15		3.9	2.5	2.5		
Standard Accessories		<ul style="list-style-type: none"> • 4 / 5 / 6 mm Hex. Socket Screw Key : each 1 pc. • Spanner 24 × 27 : 1 pc. • Hook spanner 25-28 : 1 pc. • 3 mm T Wrench Key : 1 pc. • TA9A093 Insert 12.7 Ass'y (12 pcs./set) : 1 set 		<ul style="list-style-type: none"> • Carbon Brush Ass'y : 1 pc. • 4 mm Hex. Wrench Key : 1 pc. • Insert 12.7 with hole : 1 pc. • Insert Set Screw 4 × 7 : 1 pc. • Hex Nut M8 : 2 pcs. • 8 × 25 mm Hex. Socket Set Screw : 2 pcs. • Spanner T-15D : 1 pc. 	<ul style="list-style-type: none"> • 3 & 4 mm Hex. Socket Screw Key : each 1 pc. • Spanner T-9F : 1 pc. • Hex. Nut M8 : 2 pcs. • 8 × 25 mm Hex. Socket Set Screw : 2 pcs. 	<ul style="list-style-type: none"> • Insert 12.7 with hole : 1 pc. • Insert set screw 4 × 7 : 1 pc. • 5 mm Hex. Socket Screw Key : 1 pc. • Spanner 8 × 10 : 1 pc. • Spanner T-15D : 1 pc. • Adjustment gauge : 1 pc. 		

※In case of chamfering 3R, an optional insert for 3R is necessary, and chamfering 2R, an optional guide sleeve 24 mm dia. and insert for 2R are necessary.

The limit of beveling width depends on a chamfer angle.

Chamfer Angle α	HB-15B		EMB-0307B		MB-03A		ECB-0203		AMBL-0307 / AMB-0307		CB-02					
	Mild Steel (mm)	Mild Steel (mm)	Stainless Steel (mm)	Mild Steel (mm)	Mild Steel (mm)	Stainless Steel (mm)	Mild Steel (mm)	Stainless Steel (mm)	Mild Steel (mm)	Stainless Steel (mm)	Mild Steel (mm)	Mild Steel (mm)				
45°	15	15	7	7	3	3	3	3	1.5	1.5	7	7	3	3	2	2
30°	9	15.5	3.8	6.6	2.2	3.8					4	7	2.2	3.8		
15°	4	15.4	1.5	5.6	1	3.8					2.2	8	1	3.8		

Model	EMB-0307B		MB-03A	ECB-0203		AMBL-0307 / AMB-0307		CB-02
Material	Mild Steel	Stainless Steel	Mild Steel	Mild Steel	Stainless Steel	Mild Steel	Stainless Steel	Mild Steel
Radius (mm)	2, 3, 4	2, 3, 4	2, 3	2, 3	2	2, 3, 4	2, 3, 4	2

Chamfering range of operation

CB-02

- Min. Diameter: ≥ 10 mm
- Min. Radius: ≥ 6 mm
- Min. Depth: ≥ 20 mm

ECB-0203

- Min. Diameter: ≥ 15 mm
- Min. Radius: ≥ 15 mm
- Min. Depth: ≥ 18 mm
- Min. Thickness: ≥ 2 mm