

Innovations in deburring and sanding work



COMPACT MULTI SANDER

CMX-20

CIRCUIT BEVELER

CB-01

SUPER HAND LIGHT

SHL-40

BURR CUTTER

BC-005

Compact and lightweight pneumatic tools enhance productivity

Sanding

Before

Finish sanding work on small die-casting parts



After

By introducing CMX-20

Three types of pads enhance productivity in sanding work!



Pneumatic Sander
COMPACT MULTI SANDER
Model **CMX-20**

Mass (Weight)
530 g

YouTube



Specifications

Air Pressure	MPa (kgf/cm ²)	0.6 (6)
Air Consumption (No load)	m ³ /min	0.17
Orbit Diameter	mm	2
Mass (Weight)	kg	0.53 (without pad)

Accessory Sanding Pad

Type of Pad	Rectangular Pad	2" Round Pad	16 mm Finger Pad
Free Speed	min ⁻¹ 14000	15500	14000
Paper Size	mm 26 x 50	50 dia.	16 dia.

Accessories Included

• 2 pieces each of :	
• 2" Velcro Abrasive Paper #80/#120/#180	
• 26 x 50 mm Velcro Abrasive Paper #80/#120/#180	
• 5 pieces each of :	
• 16 mm self Adhesive Abrasive Paper #80/#120/#180	
• 2" Round Pad	• Bushing R 1/4 x NPT 1/4
• 16 mm Finger Pad	• Ultra-thin Wrench SNT1012
• 4 mm Hex Socket Screw Key	• Tool Box

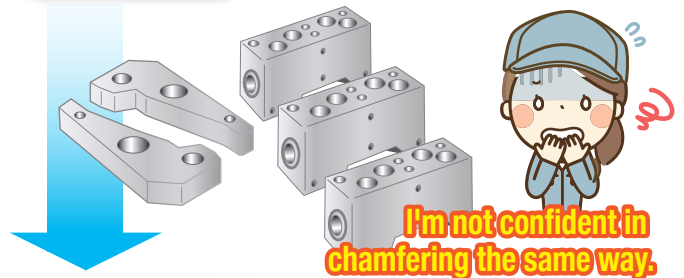
Optional Accessories

Grit	PN	Sales Unit
26 x 50 mm Velcro Abrasive Paper		
#80	TB11010	
#120	TB11011	100 pcs. /set
#180	TB11012	
2" Velcro Abrasive Paper		
#80	TB11013	
#120	TB11014	100 pcs. /set
#180	TB11015	
16 mm Self Adhesive Abrasive Paper		
#80	TB11016	
#120	TB11017	100 pcs. /set
#180	TB11018	
26 x 50 mm Velcro Non-woven Abrasive Pad		
#320	TB11049	50 pcs. /set

Chamfering

Before

Chamfering metal parts with complicated shape



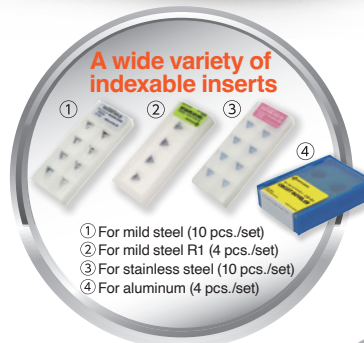
After

By introducing CB-01

Once the chamfer amount is set, anyone can chamfer cleanly.



Minimum chamfering hole diameter
6.8 mm



- ① For mild steel (10 pcs./set)
- ② For mild steel R1 (4 pcs./set)
- ③ For stainless steel (10 pcs./set)
- ④ For aluminum (4 pcs./set)

Chamfering example

Mass (Weight)
500 g

Pneumatic
Radial Chamfering Tool
CIRCUIT BEVELER

Model **CB-01**

YouTube



Specifications

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

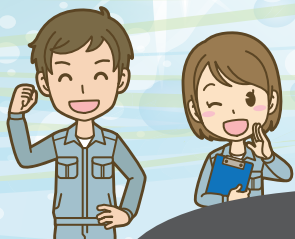
*Optional indexable insert is required.

Optional Accessories

Description	PN	Sales Unit
Indexable Insert 8.4 for Mild Steel	TB11074	10 pcs. /set
Indexable Insert 8.4 for Stainless Steel	TB11076	
Indexable Insert 8.4 for Aluminum	TB11075	
Indexable Insert 8.4 R1	TB10656	4 pcs. /set
Guide Plate 78 Ass'y for More Stable Operation	TB09140	
Plate Kit with linear guide	TB09143	1 set

Accessories Included

• 2 pieces each of :	
• Indexable Insert 8.4 (Installed)	
• Indexable Insert Set Screw (Installed)	
• 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	



For improving deburring and sanding work



Filing

Before

Filing so many parts by hand

It's a hassle to do so many.

After

By introducing SHL-40

Small size, lightweight, and low-vibration model reduces operator fatigue for greater productivity.



Reciprocating motion
4mm stroke

Interchangeable files suitable for filing work

- Rat Tail File LF-10
- Triangular Taper File LF-11
- Half Round File LF-12
- Flat File LF-13

Slim grip

Mass (Weight)
400g

Portable Precision Finishing File
SUPER HAND LIGHT

Model **SHL-40**

YouTube



Specifications

Air Pressure	MPa (kgf/cm ²)	0.6 (6)
Air Consumption (No-load)	m ³ /min	0.07
Stroke Speed	min ⁻¹	9000
Stroke Length	mm	4
File shank Size	mm	3.0
Air Inlet Size		Rc 1/4
Mass (Weight)	kg	0.4
Accessories Included	<ul style="list-style-type: none"> • Flat File LF-13 • 2 mm Hex Socket Screw Key • Bushing R 1/4 x NPT 1/4 	

A mounting example of Vice Holder



This holder can be used for polishing and lapping applications by mounting ceramic stones, etc.

Max size: (Thickness 3.2 mm x Width 20 mm)

Optional Accessories

Description	PN	Description	PN
Rat Tail File LF-10	TB11092	Flat End Diamond File	TB11105
Triangular Taper File LF-11	TB11094	Round End Diamond File	TB11106
Half Round File LF-12	TB11093	Triangular End Diamond File	TB11107
Flat File LF-13	TB11091	Half-round End Diamond File	TB11108
Vice Holder	TB07506		

Deburring machined holes

Before

Deburring machined holes (made by machining center)

It's tiring to carry parts to the boring machine.

After

By introducing BC-005

Operators can chamfer workpieces quickly on the spot by holding them in the hand.

For safety, the countersink only rotates when pressed.

Chucks

Included

Optional

Maximum deburring hole diameter
45 mm

Mass (Weight)
750g

Pneumatic Deburring Tool
BURR CUTTER

Model **BC-005**

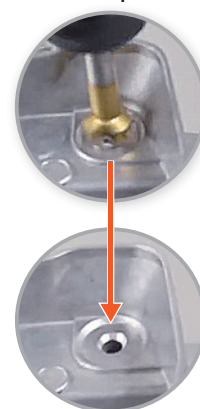
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Specifications

Air Pressure	MPa (kgf/cm ²)	0.6 (6)
Air Consumption (No-load)	m ³ /min	0.22
Free Speed	min ⁻¹ (rpm)	420
Deburring Hole diameter	mm	3 to 34
Countersink Shank Size	mm	6, 8, 10, 12*
Air Inlet Size		Rc 1/8
Mass (Weight)	kg	0.75
Accessories Included	<ul style="list-style-type: none"> • Chuck 6 mm • Chuck 8 mm • Chuck 10 mm (Installed) • Suspension Bail • 2.5 mm Hex Socket Screw Key • Bushing R 1/8 x NPT 1/4 	

Deburring example



*Chuck 12 mm is optional. (PN: TB09876)
Countersinks are not provided with the tool.
Please purchase them locally.

Deburring and sanding tools

Nitto Kohki's Official YouTube channel

Check out our video gallery to see our various products at work
https://www.youtube.com/c/NittoKohkiGLOBAL

YouTube



<p>Pneumatic Belt Sander Symmetrically designed for left or right hand operation</p> <p>Lever switch type</p>  <p>Belt size 10 mm (W)</p> <p>BABY BELTON Grinding & Sanding BB-10B</p>	<p>Pneumatic Belt Sander Symmetrically designed for left or right hand operation</p> <p>For medium sanding</p>  <p>Belt size 20 mm (W)</p> <p>BABY BELTON Grinding & Sanding BB-20</p>	<p>Pneumatic Belt Sander For sanding small parts or in narrow spaces</p> <p>For light sanding</p>  <p>Belt size 10 mm (W)</p> <p>BELTON Grinding & Sanding B-10CL</p>	<p>Pneumatic Belt Sander For various sanding work</p> <p>For medium sanding</p>  <p>B-20CL B-20CL-A</p> <p>Belt size 20 mm (W)</p> <p>BELTON Grinding & Sanding B-20CL/B-20CL-A</p>	<p>Pneumatic Belt Sander For sanding wider area with high power</p> <p>For heavy sanding</p>  <p>Belt size 30 mm (W)</p> <p>BELTON Grinding & Sanding B-30CL</p>
<p>Portable Fine Finishing File Fine reciprocating action for precision parts filing</p>  <p>MAH-05 MAH-16</p> <p>Reciprocating motion 0.5 mm stroke Reciprocating motion 2.2 mm stroke</p> <p>MICRO AIR HAND Filing MAH-05/MAH-16</p>		<p>Pneumatic Die Grinder High speed rotation enables precision grinding</p> <p>High speed rotation 56500 rpm</p>  <p>AIR SONIC Precision Grinding AL-55A</p>	<p>Pneumatic Die Grinder 27000 rpm for mounted wheels and 37500 rpm for rotary burrs</p>  <p>L-25B L-35C</p> <p>AIR SONIC Precision Grinding L-25B/L-35C</p>	
<p>Portable Precision Finishing File Grip tube adopted. High speed reciprocating at 6300 spm</p> <p>Low-vibration</p>  <p>Reciprocating motion 9 mm stroke</p> <p>SUPER HAND Filing ASH-900</p>	<p>Portable Precision Finishing File Rugged construction for reliable performance</p>  <p>Reciprocating motion 9 mm stroke</p> <p>SUPER HAND Filing SH-100A</p>	<p>Pneumatic Compact Sander Ideally suited for sheet metal and metal preparation Random orbital action creates a professional finish Ergonomically designed for operator convenience and comfort</p>  <p>Non vacuum APS-125 APS-150</p> <p>For 125 mm pad For 150 mm pad</p> <p>PALM ORBITAL SANDER Flat Sanding APS-125/APS-150</p> <p>Optional parts Self vacuum Central vacuum</p>		
<p>Handy Pneumatic Sander Super lightweight, handy pneumatic sander</p>  <p>FREE SANDER Flat Sanding FS-50A</p>	<p>Handy Pneumatic Sander Equipped with a high speed air turbine motor of 20000 rpm</p>  <p>FREE SANDER Flat Sanding FS-100C</p>	<p>Pneumatic Reciprocating Sander Ideal for inline and grain sanding applications</p>  <p>LINE SANDER Flat Sanding LS-10</p>	<p>Pneumatic Sander Compact, lightweight and ideal for various sanding work</p> <p>For abrasive discs 1", 1-1/2" and 2"</p>  <p>MYTON Grinding & Sanding MYS-20L</p>	<p>Pneumatic Radial Chamfering Tool Uniquely designed to chamfer circular, elliptical and straight line profiles</p> <p>2C 2R Mild Steel!</p>  <p>CIRCUIT BEVELER Chamfering CB-02</p>

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