NITTO KOHKI

Tk126f

Pneumatic, Electric & Hydraulic

Power Tools & Machine Tools

General Catalog















CONTENTS

Product Line

Boring
ATRA ACE ---------- 5

Punching
SELFER ---------- 19
PUMP ---------- 19
HANDY SELFER ---------- 21

Chamfering
BEVELER ---------- 27

Scaling
AIR CHIPPER ---------- 32
AUTO CHISEL ----------33
SUPER KELEN ---------- 34
JET CHISEL ---------- 35

Grinding & Sanding
MYTON ---------- 37
BELTON ---------- 39
COMPACT MULTI SANDER ---43

Grinding & Sanding
FREE SANDER ---------- 44
LINE SANDER ---------- 44
ORBITAL SANDER ---------- 45
PALM ORBITAL SANDER ------ 45
AIR SONIC ---------- 46

Filing
SUPER HAND ---------- 47
MICRO AIR HAND --------- 48

Deburring
BURR CUTTER ---------- 48

Cutting
SUPER SAW ---------- 49

Drilling
AIR DRILL ---------- 49

Suspending
SPRING BALANCER -------- 50

Consumables

Annular Cutters
BROACH CUTTERS & BROACH HOLDERS ---------- 17

Punches & Dies
PUNCHES & DIES FOR SELFER ---------- 22

Indexable Inserts
INDEXABLE INSERTS FOR BEVELER ---------- 31

Needles
NEEDLES FOR JET CHISEL ----36

Grinding & Sanding Disks
GRINDING & SANDING DISKS FOR MYTON -------- 38

Abrasive Belts
ABRASIVE BELTS FOR BELTON ---------- 40,42

Green Procurement

Nitto Kohki has made every effort in developing "Environmental Improvement Plans" through the implementation of ISO14001, to execute environmentally conscious business activities on a company-wide basis. As a part of our ongoing commitment to the environment, we are also commited to reduce and/or exclude restricted chemical substances from our products as designated by RoHS directives, laws and regulations of chemical substances.

Check out our video gallery to see our products at work.

www.youtube.com/c/NittoKohkiGLOBAL

YouTube



You can also view this on your smartphone or tablet.

NITTO KOHKI Tools for Professional Use

	Chamfering	Scaling & Chipping	Grinding & Sanding	Flat Sanding
Machining & Molding	◎	●	●	●
Sheet-metal Working	●	●	●	●
Welding	●	◎	●	
Painting	●		●	
Steel Fabricating & Can Manufacturing	●	●	●	●
Molding & Die-casting	●	●	●	●
Bridges & Ship Building	●	●	●	●
Plant Construction & Piping		●	●	●
Wood Working & Art			●	●
Automotive & Painting	●	●	●	◎
Construction		◎	●	

◎ : Best Suited
● : Suited

HAND BEVELER



P27

AIR CHIPPER



P32

MYTON



P37 - 38

COMPACT MULTI SANDER



P43

MINI BEVELER



P27 - 29

AUTO CHISEL



P33

FREE SANDER



P44

CIRCUIT BEVELER



P28 - 30

SUPER KELEN



P34

BELTON



P39 - 42

LINE SANDER



P44

JET CHISEL



P35 - 36

ORBITAL SANDER



P45

PALM ORBITAL SANDER

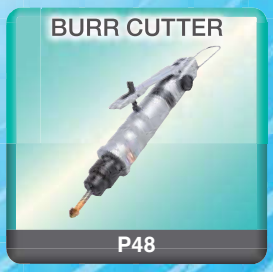


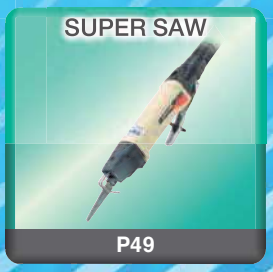
P45

Precision Grinding	Filing	Deburring	Cutting	Drilling
◎	◎	◎	●	◎
●	●	●	●	
		●		
●	●	●	●	●
●	●	●		
●	●	●	●	●
●	●		●	●
●	●	●	●	●
●	●	●	●	●















Guide for Selecting Portable Chamfering Tools

Select the model according to the conditions of chamfering capacity, electrical or pneumatic tool required, and materials to be chamfered.

Electric

Pneumatic

Max. Chamfering Capacity for Mild Steel



For straight edges
Model **HB-15B**
Up to 15 mm Chamfer
(Max. chamfering capacity for one-cut is 7C)

15C





For straight edges
Model **AMBL-0307/ AMB-0307**
Up to 7 mm Chamfer or 2, 3, 4 mm Radius



For straight edges
Model **EMB-0307C**
Up to 7 mm Chamfer or 2, 3, 4 mm Radius

7C



For straight edges
Model **MB-03A**
Up to 3 mm Chamfer or 2 and 3 mm Radius

3C



For curved edges
Model **ECB-0203**
Up to 3 mm Chamfer or 2 and 3 mm Radius



For curved edges
Model **CB-02**
Up to 2 mm Chamfer or 2 mm Radius

2C



For curved edges
Model **CB-01**
Up to 1 mm Chamfer or 1 mm Radius

1C



Pneumatic

For bridge and shipbuilding applications

With locking throttle lever
Model **CBR-03**

Exclusive for 3 mm Radius Chamfering

Applicable to stainless steel chamfering

Electric

Pneumatic

Max. Chamfering Capacity for Stainless Steel



For straight edges
Model **EMB-0307C**
Up to 3 mm Chamfer or 2, 3, 4 mm Radius



For straight edges
Model **AMBL-0307/ AMB-0307**
Up to 3 mm Chamfer or 2, 3, 4 mm Radius

3C



For curved edges
Model **ECB-0203**
Up to 1.5 mm Chamfer or 2 mm Radius

1.5C



For curved edges
Model **CB-01**
Up to 0.5 mm Chamfer
(with optional indexable insert)

0.5C

Applicable to aluminum chamfering

Max. Chamfering Capacity for Aluminum

Pneumatic

C1

C0



For curved edges
Model **CB-01**
Up to 1 mm Chamfer
(with optional indexable insert)



For curved edges

CHAMFERING

HAND BEVELER
Model **HB-15B**
- **Mild steel: 15C**

MINI BEVELER
Model **EMB-0307C**
- **Mild steel: 7C, 4R**
- **Stainless steel: 3C, 4R**

MINI BEVELER
Model **MB-03A**
- **Mild steel: 3C, 3R**

CIRCUIT BEVELER
Model **ECB-0203**
- **Mild steel: 3C, 3R**
- **Stainless steel: 1.5C, 2R**

For further information, see the following pages.

P27 for Model HB-15B
P27 for Model EMB-0307B
P28 for Model MB-03A
P28 for Model ECB-0203






Specifications

		ELECTRIC			
Model		**HB-15B**	**EMB-0307C**	**MB-03A**	**ECB-0203**
Power Source (Single Phase)		220 - 240 V AC 50/60 Hz 110 - 120 V AC 50/60 Hz	220 - 240 V AC 50/60 Hz 110 - 120 V AC 50/60 Hz	220 - 240 V AC 50/60 Hz 100 - 110 V AC 50/60 Hz	220 - 240 V AC 50/60 Hz
Rated Power Consumption	W	910	900	430	450
Duty Cycle	min	Continuous		30	
No-load Speed	min^{-1}(rpm)	2750 (220 - 240 V) 3340 (110 - 120 V)	12700 (220 - 240 V) 13300 (110 - 120 V)	11000	10000
Chamfering Capacity	**Mild Steel**	Up to 15 mm Chamfer (Initial chamfer is 7 mm.)	Up to 7 mm Chamfer 2, 3, 4 mm Radius	Up to 3 mm Chamfer 2 and 3 mm Radius	
	Stainless Steel	–	Up to 3 mm Chamfer 2, 3, 4 mm Radius	–	Up to 1.5 mm Chamfer 2 mm Radius
Chamfer Angle		15° - 45°		45°	
Mass (Weight)	kg	14	3.9	2.5	
Optional Accessories		• TA9A728 Pipe Plate Ass'y for Pipe Outer Edge Beveling (Pipe O.D. 125 to 800 mm)	• TB02539 Attachment for Pipe Outer Edge Beveling (Pipe O.D. 80 to 200 mm) *Pipe O.D. more than 200 mm can be chamfered with the standard accessory.	• TA9A594 Inner Head Ass'y for Pipe Inner Edge Beveling (Minimum Inner Pipe Diameter : 100 mm)	• TB03097 Plate Ass'y for Straight Edge Beveling • TB02862 Dust Box Ass'y Used with TB03097 Plate Ass'y • TB02857 Guide Sleeve 24 mm Dia. Ass'y








MINI BEVELER
Model **AMBL-0307** (Lever)
Model **AMB-0307** (Ring)
- **Mild steel: 7C, 4R**
- **Stainless steel: 3C, 4R**

CIRCUIT BEVELER
Model **CB-01**
- **Mild steel: 1C, 1R**
- **Stainless steel: 0.5C***
- **Aluminum: 1C***

CIRCUIT BEVELER
Model **CB-02**
- **Mild steel: 2C, 2R**

CIRCUIT BEVELER
Model **CBR-03**
- **Mild steel: 3R**

For further information, see the following pages.

P29 for Model AMBL/AMB-0307
P29 for Model CB-01
P30 for Model CB-02
P30 for Model CBR-03






Specifications

		PNEUMATIC			
Model		**AMBL-0307/AMB-0307**	**CB-01**	**CB-02**	**CBR-03**
Air Pressure	MPa (kgf/cm^2)	0.6 (6)			
Air Consumption (No Load)	m^3/min	0.9	0.15	0.4	0.65
Free Speed	min^{-1}(rpm)	14000	28000	15000	12000
Chamfering Capacity	**Mild Steel**	Up to 7 mm Chamfer 2, 3, 4 mm Radius	Up to 1 mm Chamfer 1 mm Radius	Up to 2 mm Chamfer 2 mm Radius	3 mm Radius
	Stainless Steel	Up to 3 mm Chamfer 2, 3, 4 mm Radius	Up to 0.5 mm Chamfer *	–	
	Aluminum	–	Up to 1 mm Chamfer *	–	
Chamfer Angle		15° - 45°	45°		–
Mass (Weight)	kg	2.9	0.5	1.8	2
Optional Accessories		• TB02539 Attachment for Pipe Outer Edge Beveling (Pipe O.D. 80 to 200 mm)	• TB09143 Plate Ass'y for Straight Edge Beveling • TB09140 Guide Plate 78 Ass'y for More Stable Operation	• TB02437 Thin Plate Attachment Ass'y (Minimum thickness 1.2 mm)	–






For further information of optional Beveler accessories, see P31.

*With optional indexable insert

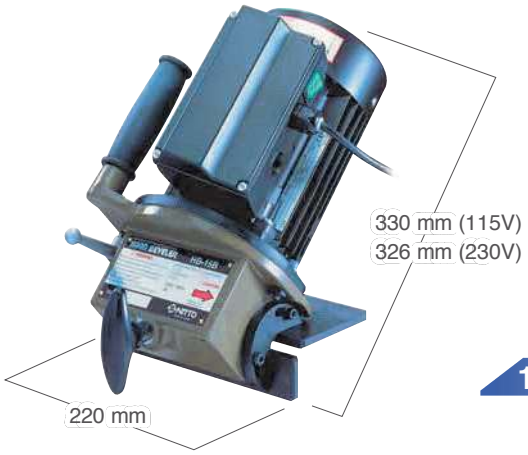
Portable Chamfering Tools

HAND BEVELER

Model HB-15B CE

Chamfering up to 15C

- Ideal for plate, pipe, and tube chamfering for welding preparation
- Chamfer width up to 15 mm at 45° angle using multiple passes
- Indexable inserts have four working edges for good economy
- Finishes a surface so fine that post-sanding is unnecessary
- Column R-section can be chamfered with optional attachment
- High speed cutting action minimizes material hardening



15C
Mild Steel


Chamfering steel plates


Chamfering I-beams

Specifications

Model		HB-15B	
Power Source (Single Phase)		110 - 120 V AC, 50/60 Hz	220 - 240 V AC, 50/60 Hz
Rated Power Consumption	W	910	
Rated Current	A	10.5	4
Duty Cycle	min	Continuous	
No-load Speed	min⁻¹(rpm)	3350	2750
Chamfering Capacity (Mild Steel)		Up to 15 mm Chamfer *	
Chamfer Angle		15° - 45°	
Power Cord Length	m	5	
Mass (Weight)	kg	15	

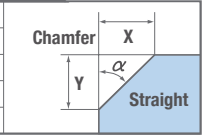
*Max. Chamfering Capacity for one - cut is 7C

Accessories Included

- 12 pieces of Indexable Insert 12.7 (Installed)
- 12 pieces of Indexable Insert 12.7
- 4 mm Hex. Socket Screw Key
- 5 mm Hex. Socket Screw Key
- 6 mm Hex. Socket Screw key
- 24 x 27 mm Spanner
- Hook Spanner 25 - 28
- 3 mm T Wrench
- Roller Bracket Ass'y
- Spacer A
- Spacer B
- Plate B

Chamfer Angle and Width

Chamfer Angle α	Mild Steel(mm) X	Mild Steel(mm) Y
45°	15	15
30°	9	15.5
15°	4	15.4



Handy Electric Chamfering Tool

MINI BEVELER

Model EMB-0307C CE

Double insulation

Designed to chamfer stainless and mild steel

- Ideal for edge chamfering pipe, tube, and plate
- Adjustable to chamfer angles from 15° to 45°
- Chamfer width up to 7 mm on mild steel.
- Uses indexable carbide inserts
- Swarf and chip collection box included



7C
4R
Mild Steel

3C
4R
Stainless Steel

Specifications

Model		EMB-0307C	
Power Source (Single Phase)		110 - 120 V AC, 50/60 Hz	220 - 240 V AC, 50/60 Hz
Rated Power Consumption	W	900	
Rated Current	A	7.8	3.9
Duty Cycle	min	Continuous	
No-load Speed	min⁻¹(rpm)	13300	12700
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°	
Power Cord Length	m	4.0	
Mass (Weight)	kg	3.9	

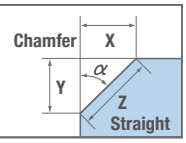
*115 V available on request.

Accessories Included

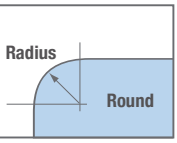
- Indexable Insert with Hole 12.7 (Installed)
- Indexable Insert Set Screw 4 x 7 (Installed)
- Indexable Insert with Hole 12.7
- Indexable Insert Set Screw 4 x 7
- Dust Box Ass'y
- Carbon Brush Ass'y
- 2 pieces of Hex. Nut M8
- 2 pieces of Hex. Socket Set Screw 8 x 25
- 3 pieces of Pan Head Screw 5 x 10
- 4 mm Hex. Socket Screw Key
- Spanner T-15D

Chamfer Angle, Width and Radius

Chamfer Angle α	Mild Steel(mm) X	Y	Z	Stainless Steel(mm) X	Y	Z
45°	7	7	9.9	3	3	4.2
30°	3.8	6.6	7.6	2.2	3.8	4.4
15°	1.5	5.6	5.8	1	3.8	3.9



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



Handy Electric Chamfering Tool

MINI BEVELER

Model MB-03A Non-CE

Double insulation

Compact and light for speed chamfering

- 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)



3C
3R
Mild Steel

Specifications

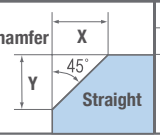
Model		MB-03A	
Power Source (Single Phase)		110 V AC, 50/60 Hz	230 V AC, 50/60 Hz
Rated Power Consumption	W	430	
Rated Current	A	4.5	2
Duty Cycle	min	30	
No-load Speed	min⁻¹(rpm)	11000	
Chamfering Capacity (Mild Steel)		Up to 3 mm Chamfer or 2 mm and 3 mm Radius	
Chamfer Angle		45°	
Power Cord Length	m	2.5	
Mass (Weight)	kg	2.5	

Accessories Included

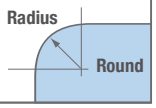
- Indexable Insert 9.525 R2 (Installed)
- Indexable Insert 9.525
- 3 mm Hex. Socket Screw Key
- 4 mm Hex. Socket Screw Key
- Spanner T-9F
- Hex. Nut
- 2 pieces of Hex. Socket Set Screw 8 x 25

Chamfer Angle, Width and Radius

Mild Steel(mm)	
X	Y
3	3



	Mild Steel(mm)
Radius	2, 3



Electric Radial Chamfering Tool

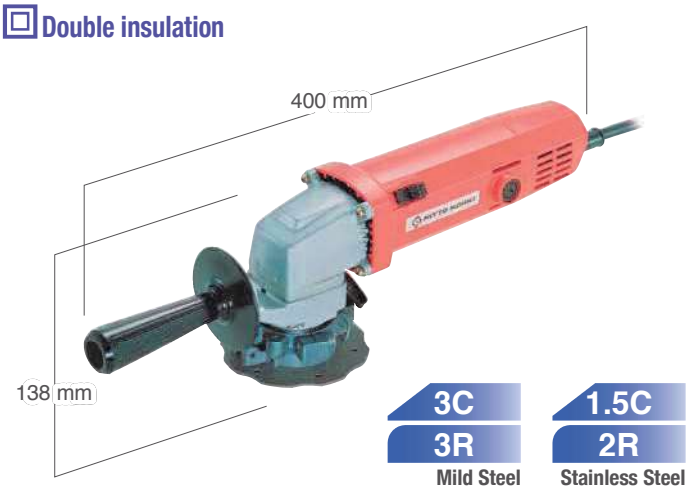
CIRCUIT BEVELER

Model ECB-0203 CE

Double insulation

Smoothly chamfering straight and curved edges

- Designed to chamfer stainless and mild steel
- Minimum chamfering plate thickness is 2 mm (Max. 0.5 mm Chamfer)
- Indexable inserts have four working edges for good economy
- An optional straight plate allows chamfering a straight edge shoulder



3C
3R
Mild Steel

1.5C
2R
Stainless Steel



Chamfering straight edges



Chamfering curved edges

Specifications

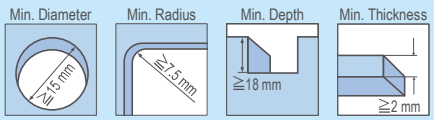
Model		ECB-0203
Power Source (Single Phase)		220 - 240 V AC, 50/60 Hz
Rated Power Consumption	W	450
Rated Current	A	2.1
Duty Cycle	min	30
No-load Speed	min⁻¹(rpm)	11000
Chamfering Capacity	Mild Steel	Up to 3 mm Chamfer or 2* and 3 mm Radius
	Stainless Steel	Up to 1.5 mm Chamfer or 2* mm Radius
Chamfer Angle		45°
Power Cord Length	m	2.5
Mass (Weight)	kg	2.5

*In case of 3 mm Radius, an optional indexable Insert for 3R is necessary, and 2 mm Radius, an optional guide sleeve 24 mm dia. and indexable insert for 2R are necessary.

Accessories Included

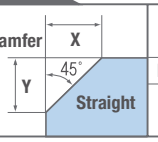
- Indexable Insert with Hole 12.7 (Installed)
- Indexable Insert Set Screw 4 x 7 (Installed)
- Indexable Insert with Hole 12.7
- Indexable Insert Set Screw 4 x 7
- Sub Handle
- Grip Guard
- Ball Bearing 687zz
- 5 mm Hex. Socket Screw Key
- 8 x 10 mm Spanner
- Spanner T-150
- Gauge C3

Chamfering range of operation

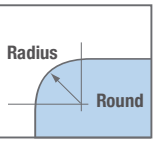


Chamfer Angle, Width and Radius

Mild Steel(mm)		Stainless Steel(mm)	
X	Y	X	Y
3	3	1.5	1.5



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



Pneumatic Chamfering Tool

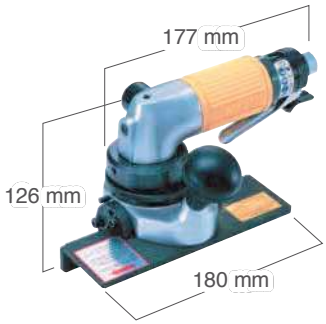
MINI BEVELER

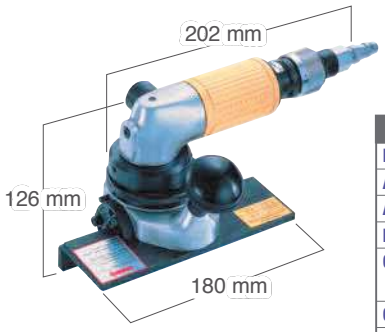
Model AMBL-0307 CE
• Lever switch type

Model AMB-0307 Non-CE
• Ring switch type

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/cm²)	0.6 (6)
Air Consumption (No-load)	m³/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°
Inlet Size		Rc 3/8
Mass (Weight)	kg	2.9

7C
4R
Mild Steel

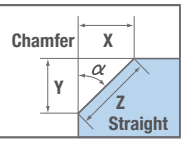
3C
4R
Stainless Steel

Accessories Included

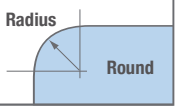
- Indexable Insert with Hole 12.7 (Installed)
- Indexable Insert Set Screw 4 x 7 (Installed)
- Indexable Insert with Hole 12.7
- Indexable Insert Set Screw 4 x 7
- Knob
- 2 pieces of Hex. Socket Set Screw 8 x 25
- 2 pieces of Hex. Nut M8
- 3 mm Hex. Socket Screw Key
- 4 mm Hex. Socket Screw Key
- Spanner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

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 CE

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/cm²)	0.6 (6)
Air Consumption (No-load)	m³/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)
Inlet Size		Rc 1/4
Mass (Weight)	kg	0.5

*Optional indexable insert is required.

1C
Aluminum*

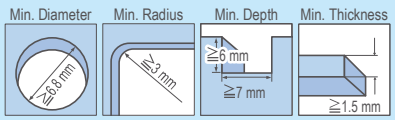
1C
1R
Mild Steel

0.5C
Stainless Steel*

Accessories Included

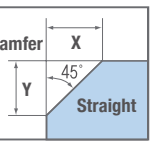
- 2 pieces of Indexable Insert 8.4 (Installed)
- 2 pieces of Indexable Insert Set Screw (Installed)
- 2 pieces of Indexable Insert Set Screw
- 2 mm Hex. Socket Screw Key for Chamfering Adjustments
- Spanner T-6F for Replacement of Indexable Insert
- Bushing R 1/4 x NPT 1/4

Chamfering range of operation

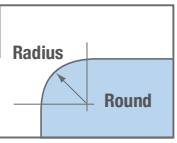


Chamfer Angle and Width

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



Pneumatic Radial Chamfering Tool

CIRCUIT BEVELER

Model CB-02 CE

Uniquely designed to chamfer circular, elliptical and straight line profiles

- Chamfers exterior and/or interior edges
- Depth gauge provided to accurately set chamfer widths
- Optional attachment PN TB02437 available for chamfering thin materials



2C
2R
Mild Steel

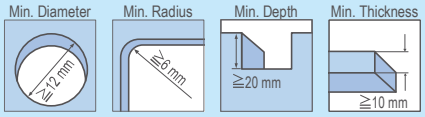
Specifications

Model		CB-02
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.4
Free Speed	min⁻¹(rpm)	15000
Chamfering Capacity		Up to 2 mm Chamfer or 2 mm Radius
Chamfer Angle		45°
Inlet Size		Rc 1/4
Mass (Weight)	kg	1.8

Accessories Included

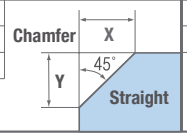
- Indexable Insert 9.525 (Installed)
- Indexable Insert 9.525
- Adjustment Gauge
- Spanner T-9F
- Protective Cap
- Hook Spanner 58-65
- Bushing R 1/4 x NPT 1/4

Chamfering range of operation

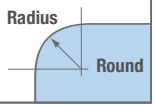


Chamfer Angle, Width and Radius

Mild Steel(mm)	
X	Y
2	2



	Mild Steel(mm)
Radius	2



Pneumatic Radial Chamfering Tool

CIRCUIT BEVELER

Model CBR-03 CE

For bridge and shipbuilding applications

Bridge

- Radius chamfering on the scallop parts or holes of bridge members

Shipbuilding

- Meets or exceeds PSPC* requirements on surface preparation of steel materials prior to coating
- Radius chamfering on steel materials used in seawater ballast tanks and double-side skin bulk carrier production
- Dual cutting head with 4 radius surfaces per tip and a quick-change base

*PSPC stands for Performance Standard for Protective Coatings regulated by International Marine Organization.



3R
Steel

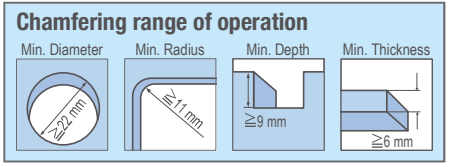
Specifications

Model		CBR-03
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.65
Free Speed	min⁻¹(rpm)	12000
Chamfering Capacity		3 mm Radius
Minimum Workpiece Thickness	mm	6
Inlet Size		Rc 1/4
Mass (Weight)	kg	2

Accessories Included

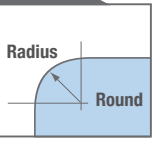
- 2 pieces of Indexable Insert 12.7 R3 (Installed)
- 2 pieces of Indexable Insert Set Screw (Installed)
- Indexable Insert Set Screw
- Spanner T-15D
- Handle

Chamfering range of operation



Chamfer Angle and Width

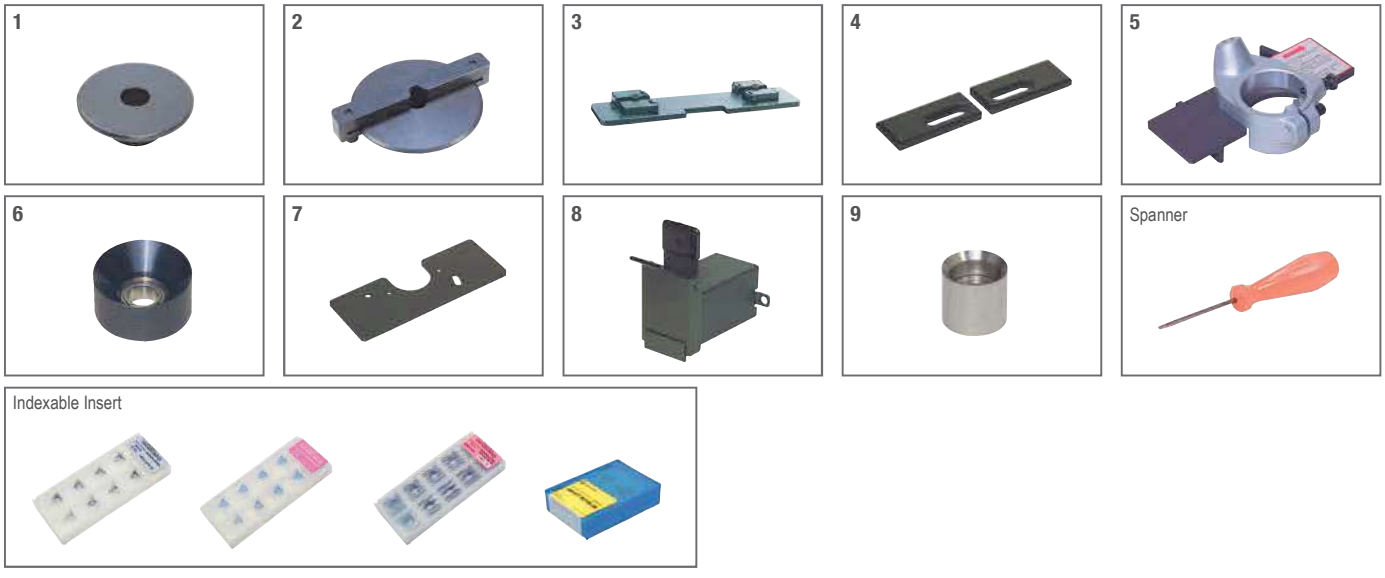
	Mild Steel(mm)
Radius	3



Optional Beveler Accessories

Ref. No.	PN	Description	Sales Unit	HB-15B	EMB-0307C AMBL-0307 AMB-0307	MB-03A	ECB-0203	CB-01	CB-02	CBR-03
–	TB09097	Indexable Insert 8.4 for Mild Steel	10 pcs./set					●		
–	TB09338	Indexable Insert 8.4 for Stainless Steel	10 pcs./set					●		
–	TB10407	Indexable Insert 8.4 for Aluminum	4 pcs./set					●		
–	TB10656	Indexable Insert 8.4 R1	4 pcs./set					●		
–	TA9A093	Indexable Insert 12.7	12 pcs./set	●						
–	TB01159	Indexable Insert 12.7 with Hole	10 pcs./set		●		●			
–	TB01791	Indexable Insert 12.7 R2	10 pcs./set		●		●			
–	TB01651	Indexable Insert 12.7 R3	10 pcs./set		●		●			
–	TB01790	Indexable Insert 12.7 R4	10 pcs./set		●					
–	TB09018	Indexable Insert 12.7 R3	10 pcs./set							●
–	TA9A386	Indexable Insert 9.525	10 pcs./set			●			●	
–	TA9A592	Indexable Insert 9.525 R2	10 pcs./set			●			●	
–	TA9A638	Indexable Insert 9.525 R3	10 pcs./set			●				
1	TB09140	Guide Plate 78 Ass'y for More Stable Operation	1 set					●		
2	TB09143	Plate Ass'y for Straight Edge Use	1 set					●		
3	TA9A728	Pipe and tube Beveling Attachment	1 set	●						
4	TB02539	Attachment for Small Dia. Pipe	1 set		●					
5	TA9A594	Inner Head Ass'y	1 set			●				
6	TB02857	Guide sleeve 24 mm dia. Ass'y	1 set				●			
7	TB03097	Plate Ass'y for Straight Line Use	1 set				●			
8	TB02862	Dust Box Ass'y	1 set				●			
9	TB02437	Thin Plate Attachment Ass'y (Minimum thickness 1.2 mm)	1 set						●	
–	TB03424	Spanner T-9D	1 piece			●			●	
–	TQ01683	Spanner T-15D	1 piece		●		●			

Ref. No.2: Requires use of TB09140 Guide Plate 78 Ass'y Ref. No.3: Capacity 125 to 800 mm O.D. Ref. No.4: Capacity 80 to 200 mm O.D. Ref. No.5: Capacity Minimum 100 mm I.D.
Ref. No.6: For chamfering R2 Ref. No.7: Used with Plate Ass'y for Straight Line Use Ref. No.8: Used with Plate Ass'y for Straight Line Use





TB09140 Guide Plate 78 Ass'y for More Stable Operation



TB09143 Plate Ass'y for Straight Edge Use

Pneumatic Chipping Hammer

AIR CHIPPER

Removes weld spatter quickly and easily

- Ideal tool for quickly and efficiently removing weld spatter, rust and other debris from most surfaces
- Compact, heavy-duty construction for tough industrial applications
- Easy one-touch chisel installation and removal – NO tools required
- Idle protection system, helps prevent accidental start-up “ACH-16” only

Model ACH-16 CE



Model CH-24 CE



Specifications

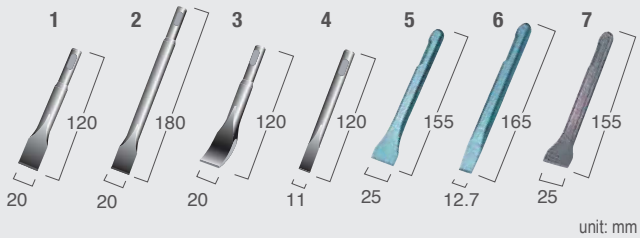
Model		ACH-16	CH-24
Air Pressure	MPa (kgf/cm²)	0.6 (6)	
Air Consumption (No-load)	m³/min	0.15	0.2
Strokes per Minute	min⁻¹	6000	4000
Shank Size	mm	10.5 Round	12.7 Square
Inlet Size		Rc 3/8	
Mass (Weight)	kg	0.9	1.7
Accessories Included		• TQ03431 Flat Chisel (Installed) • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• TP15166 Curved Flat Chisel (Installed) • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8

Optional Chisels for Air Chipper ACH-16

Ref. No.	PN	Description	Sales Unit
1	TQ03431	Flat Chisel 20 x 120	1 piece
2	TQ03452	Flat Chisel 20 x 180	
3	TQ03453	Curved Flat Chisel 20 x 120	
4	TQ03549	Flat Chisel 11 x 120	

Optional Chisels for Air Chipper CH-24

Ref. No.	PN	Description	Sales Unit
5	TP15233	Flat Chisel 25 x 155	1 piece
6	TP15234	Straight Flat Chisel 12.7 x 165	
7	TP15166	Curved Flat Chisel 25 x 155	





Air Hammer

AUTO CHISEL

Model A-300 CE

A special spool valve inside grip assures excellent durability

- Designed for speeding up the repair and sheet metal work of automobiles, etc.
- Enables hammering work in narrow spaces
- Durable and powerful action
- Fast and easy chisel change to reduce downtime
- A wide variety of chisels available



Specifications

Model		A-300
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.3
Strokes per Minute	min⁻¹	2600
Shank Size	mm	10
Inlet Size		Rc 1/4
Mass (Weight)	kg	1.7
Accessories Included		• Bushing R 1/4 x NPT 1/4 • Hose Nipple R 1/4 x 1/4

*Chisels are not included as standard.

Optional Chisels *An order is available from one piece.

PN: TP00572
Blank Chisel
No.1001

For a variety of sheet metal work, bending, and rivet closing jobs

PN: TP00573
Flat Chisel
No.1002

Puts increased efficiency into scraping, peeling spot welds, and cutting off bolts and pins

PN: TP04606
Sheet Metal Chisel A
No.1003

Cuts shapes in sheet metal fast

PN: TP00575
Sheet Metal Chisel B
No.1004

Just the chisel for cutting off sheet metal body panel

PN: TP00576
Silencer Cutting Chisel
No.1005

A quick cut-off chisel for muffler piping

PN: TP00577
Rubber Bushing Remover
No.1006

Helps you remove idle arm sleeves and bushings in record time

PN: TP00578
Spot Weld Booster
No.1007

Ideal for peeling off spot welded points and cutting off pins

PN: TP00579
Bushing Tool
No.1008

Puts speed and ease into the job of bushing insertion

PN: TP00580
Punch
No.1009

For driving out pins and rivets, and fitting and removing bearings and races

PN: TP00581
Bushing Removing Tool
No.1010

A faster servicing aid in removing bushings

PN: TP00582
Sheet Metal Punch
No.1011

Opens holes for bolts and rivets

PN: TP00583
20 mm Bending Chisel
No.1012

Helps you in peening and removing slag around welds

PN: TP00584 *
Fork Chisel 24
No.1013

Disconnecting tie rod ends and ball joints

PN: TP00586 *
Fork Chisel 35
No.1016

Disconnecting tie rod ends and ball joints

PN: TP00585 *
Fork Chisel 15
No.1017

Disconnecting tie rod ends and ball joints

PN: TP00589
38 mm Scraper
No.1018

Peeling paint & removing rust from iron plate

PN: TP00590
60 mm Scraper
No.1019

Peeling paint & removing rust from iron plate

PN: TP00591
60 mm Concave Scraper
No.1020

Removing incrustation from pipe

PN: TP04995
Sheet Metal Chisel C
No.1023

Cuts shapes in sheet metal fast

PN: TP05244
Moilpoint Chisel
No.1024

Breaking-up concrete, removing sand from castings

PN: TP05775
Rivet Removing Punch
No.1025

Removing rivets from brake lining of heavy duty cars

PN: TP05801
Rivet Caulking Chisel
No.1026

Caulking brake lining of heavy duty cars

PN: TQ02662
Fork Chisel Spring

Mount this part when using Fork Chisel 24, Fork Chisel 35 or Fork Chisel 15.

*Fork Chisel Spring must be mounted in order to use Fork Chisel 24, Fork Chisel 35 or Fork Chisel 15.

Pneumatic Scaler

SUPER KELEN

Industrial and shipboard pneumatic scalers

- Quickly and efficiently removes rust, scale, paint, tar and concrete from most surfaces
- Ideal for industrial, maritime and shipboard cleaning and descaling operations
- Idle protection system, tool will not activate unless contacting work surface
- S-1000 – over 1.3 m in length for extended reach applications and operator convenience
- Tool-less chisel installation and removal

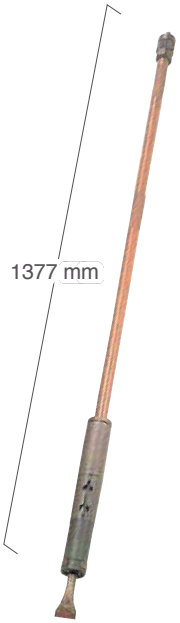
Model S-250 Non-CE



Model S-500 Non-CE



Model S-1000 Non-CE



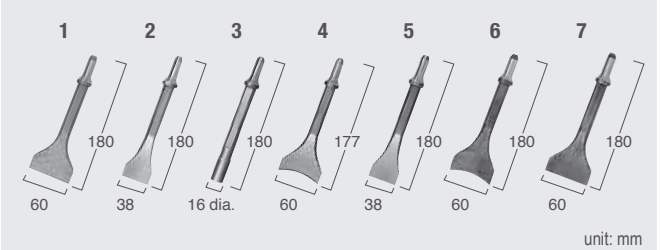
Specifications

Model		S-250	S-500	S-1000
Air Pressure	MPa (kgf/cm^2)	0.6 (6)		
Air Consumption (No-load)	m^3/min	0.27		
Strokes per Minute	min^{-1}	2500		
Shank Size	mm	12.7		
Inlet Size		Rc 1/4		
Mass (Weight)	kg	4.1	4.7	6.1
Accessories Included		• No.2005 38 mm Bend Scraper (Installed) • Hose Lock Nut M16 • Hose Nipple 3/8		



Optional Chisels

Ref. No.	PN	Description	Sales Unit
1	TP03645	No.2001 60 mm Scraper	1 piece
2	TP03646	No.2002 38 mm Scraper	
3	TP03647	No.2003 Blank Chisel	
4	TP04010	No.2004 60 mm Concave Scraper	
5	TP04552	No.2005 38 mm Bend Scraper	
6	TP04553	No.2006 60 mm Concave Bend Scraper	
7	TP04554	No.2007 60 mm Bend Scraper	



unit: mm

Needle Scaler

JET CHISEL

Powerful scaling with multi-needles

- Quickly and efficiently removes weld slag, rust, paint and scale from most surfaces
- Ideal for cleaning and descaling steel, bridgework, castings, brick, stone and many other materials
- Heavy-duty construction for industrial and maritime applications
- Proven superior design features with no internal spring components ensure trouble-free performance (JEX-2800A and JEX-20 have balancing springs)

Model JC-16 CE
• Lightweight model



Model JEX-24 CE
• Universal model



Model JEX-28 CE
• Heavy-duty model



Model JEX-2800A CE
• Reduced vibration model



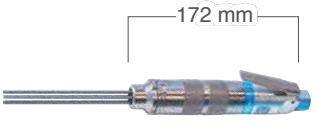
Specifications

Model		JC-16	JEX-24	JEX-28	JEX-2800A
Air Pressure	MPa (kgf/cm²)	0.6 (6)			
Air Consumption (No-load)	m³/min	0.15	0.27	0.35	0.43
Strokes per Minute	min⁻¹	4000	4000	4500	3700
Inlet Size		Rc 3/8			
Mass (Weight)	kg	1.4	2.7	3.5	3.3
Accessories Included		• 29 pieces of 2 mm x 150 mm Needles (Installed) • 29 pieces of 2 mm x 150 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 23 pieces of 3 mm x 180 mm Needles (Installed) • 6 mm Hex. Socket ScrewKey • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 28 pieces of 3 mm x 180 mm Needles (Installed) • 14 pieces of 4 mm x 180 mm Needles • Needle supporter 4 mm • 6 mm Hex. Socket Screw Key • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 28 pieces of 3 mm x 180 mm Needles (Installed) • 14 pieces of 4 mm x 180 mm Needles • Needle supporter 4 mm • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8

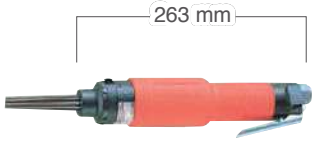
Model AJC-16 CE
• Slim model



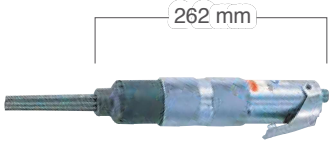
Model JT-16 CE
• Small and lightweight model



Model JT-20 CE
• Medium duty model



Model JEX-20 CE
• Reduced vibration model



Specifications

Model		AJC-16	JT-16	JT-20	JEX-20
Air Pressure	MPa (kgf/cm²)	0.6 (6)			
Air Consumption (No-load)	m³/min	0.07	0.16	0.2	0.2
Strokes per Minute	min⁻¹	6000	6000	4000	4000
Inlet Size		Rc 3/8			
Mass (Weight)	kg	0.98	0.8	2.4	2.75
Accessories Included		• 3 pieces of 3 mm x 180 mm Needles (Installed) • 3 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 6 pieces of 3 mm x 180 mm Needles (Installed) • 6 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 12 pieces of 3 mm x 180 mm Needles (Installed) • 12 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 12 pieces of 3 mm x 180 mm Needles (Installed) • 12 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8

Electric Needle Scaler

JET CHISEL

Model EJC-32A CE



Powerful 300 watt double insulated motor

- Extended length, slim barrel design
- Adjustable front handle for operator comfort and convenience

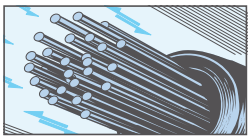
Specifications

Model		EJC-32A	
Power Source (Single Phase)		110 - 120 V AC, 50/60 Hz	220 - 240 V AC, 50/60 Hz
Rated Power Consumption	W	300	
Rated Current	A	2.8	1.4
Duty Cycle	min	30	
Strokes per Minute	min^{-1}	3000	
Power Cord Length	m	5	
Mass (Weight)	kg	4.5	



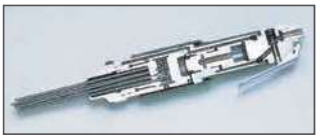
Shot Peening Effect

Reinforcement of a welded part with the shot peening effect increases strength by imparting residual stress to the surface of the workpiece through the high speed impact of the needles. Highly suitable for effective reinforcement of deteriorated welded parts.



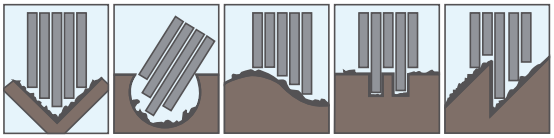
Full Automatic System - Excludes EJC-32A

The only unit of it's kind on the market without springs. This means no springs to break...no irregular power... and the advantage of low air consumption.



Self-Adjusting Needles

Jet Chisel needles automatically adjust to any surface contour. They get deep into corners, reach into uneven surfaces, and conform to all types of shapes, making it a tool no shop should be without.



Combination of Needle and Needle Supporter		Model								
		JC-16	JEX-24	JEX-28	JEX-2800A	AJC-16	JT-16	JT-20	JEX-20	EJC-32A
2 mm	Number of Needles Required	29 pcs.	53 pcs.	66 pcs.	66 pcs.	7 pcs.	15 pcs.	29 pcs.	29 pcs.	32 pcs.
	Needle Supporter PN	TP00290	TP02244	TP01499	TP01499	TQ05210	TQ15316	TP00338	TP00338	TP16475
3 mm	Number of Needles Required	-	23 pcs.	28 pcs.	28 pcs.	3 pcs.	6 pcs.	12 pcs.	12 pcs.	15 pcs.
	Needle Supporter PN	-	TP02245	TP01461	TP01461	TQ04554	TQ15315	TP00337	TP00337	TP16301
4 mm	Number of Needles Required	-	-	14 pcs.	14 pcs.	-	-	-	-	-
	Needle Supporter PN	-	-	TP01462	TP01462	-	-	-	-	-

Material	Needle		PN	Sales Unit	Model								
	Diameter	Length			JC-16	JEX-24	JEX-28	JEX-2800A	AJC-16	JT-16	JT-20	JEX-20	EJC-32A
Steel	2 mm	150 mm	TA98780	100 pcs./set	●	●	●	●	●	●	●	●	●
		180 mm	TA98781	100 pcs./set	●	●	●	●	●	●	●	●	●
		300 mm	TA9A213	50 pcs./set	●	●	●	●	●	●	●	●	●
		500 mm	TA9A214	50 pcs./set	●	●	●	●	●	●	●	●	●
	3 mm	180 mm	TA98782	100 pcs./set		●	●	●	●	●	●	●	●
		300 mm	TA9A216	50 pcs./set		●	●	●	●	●	●	●	●
		500 mm	TA9A217	50 pcs./set		●	●	●	●	●	●	●	●
		800 mm	TA9A218	50 pcs./set		●	●	●	●	●	●	●	●
	4 mm	180 mm	TA98783	50 pcs./set			●	●					
		300 mm	TA9A220	50 pcs./set			●	●					
		500 mm	TA9A221	50 pcs./set			●	●					
Stainless Steel	2 mm	180 mm	TB10878	30 pcs./set	●	●	●	●	●	●	●	●	●
	3 mm	180 mm	TB10877	30 pcs./set		●	●	●	●	●	●	●	●



Optional Needles

Premium Nitto Kohki needles out-perform competitors' needles ensuring optimal performance and trouble-free operation.

Pneumatic Grinder

MYTON

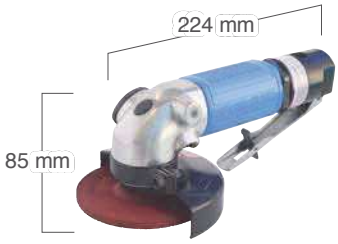
Heavy-duty grinders for tough applications

- Side exhaust with noise reduction system
- Great power/weight ratio

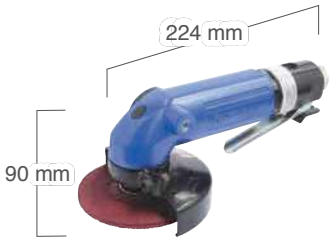
Model MYG-25 CE
- For Grinding Wheel 58 mm
- Compact and lightweight type



Model MYG-40 CE
- For Grinding Wheel 100 mm
- Powerful type



Model MG-40 CE
- Lever switch type
- Depressed center wheel 100 mm



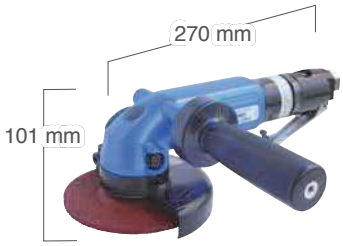
Model MG-40 Non-CE
- Ring switch type
- Depressed center wheel 100 mm



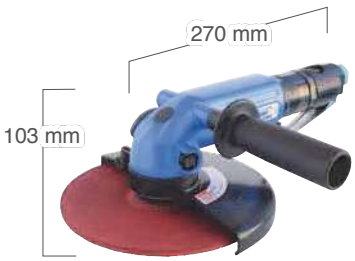
Specifications

Model		MYG-25	MYG-40	MG-40 Lever Type	MG-40 Ring Type
Air Pressure	MPa (kgf/cm²)	0.6 (6)			
Air Consumption	m³/min	0.42 (No-load)	0.50 (No-load) 0.69 (Load)	0.50 (No-load)	
Free Speed	min⁻¹(rpm)	19000	13000		
Depressed Center Grinding Wheel	mm	58	100		
Inlet Size		Rc 1/4	Rc 3/8		Rc 1/4
Mass (Weight)	kg	0.6	1.5	1.6	1.4
Accessories Included		• 5 mm Hex. Socket Screw Key • 19 mm Single Ended Spanner • Grinding Wheel GS #80 x 58 • Bushing R 1/4 x NPT 1/4	• 5 mm Hex. Socket Screw Key • 6 mm Hex. Socket Screw Key • Bushing R 3/8 x NPT 3/8	• 5 mm Hex. Socket Screw Key • 6 mm Hex. Socket Screw Key • Spanner 19 • Bushing R 3/8 x NPT 3/8	• 5 mm Hex. Socket Screw Key • 6 mm Hex. Socket Screw Key • Spanner 19 • Bushing R 1/4 x NPT 3/8

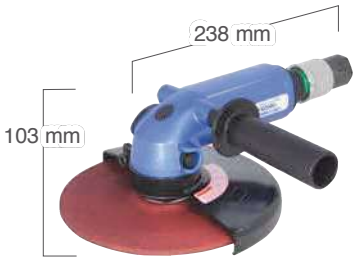
Model MYG-50 CE
- Lever switch type
- For Grinding wheel 125 mm
- Heavy grinding type



Model MYG-70 CE
- Lever switch type
- For Grinding wheel 180 mm
- Heavy grinding type



Model MYG-70 Non-CE
- Ring switch type
- For Grinding wheel 180 mm
- Heavy grinding type



Specifications

Model		MYG-50	MYG-70 Lever Type	MYG-70 Ring Type
Air Pressure	MPa (kgf/cm²)	0.6 (6)		
Air Consumption	m³/min	0.75 (No-load)	0.70 (No-load) 0.95 (Load)	
Free Speed	min⁻¹(rpm)	11000	7600	
Depressed Center Grinding Wheel	mm	125	180	
Inlet Size		Rc 3/8		
Mass (Weight)	kg	2.5 (with handle)		2.4 (with handle)
Accessories Included		• Handle (anti-vibration type) • 4 mm Hex. Socket Screw Key • 6 mm Hex. Socket Screw Key • Pin Face Wrench • Bushing R 3/8 x NPT 3/8	• Handle • 6 mm Hex. Socket Screw Key • 10 mm Hex. Socket Screw Key • Bushing R 3/8 x NPT 3/8	

Pneumatic Sander

MYTON

Ideal for sanding and/or polishing metal, aluminum, wood, plastic and many other materials

- Compact and lightweight design for working in confined spaces
- Side exhaust with noise reduction system

Model MYS-20 CE

- For Abrasive disks 1", 1 - 1/2" & 2"
- Compact and lightweight type



Model MYS-40 CE

- For Abrasive disk 100 mm
- Light sanding type



Model MYS-70 Non-CE

- Ring switch type
- For Abrasive disk 180 mm
- Medium sanding type
- Japanese model



Specifications

Model	MYS-20	MYS-40	MYS-70
Air Pressure MPa (kgf/cm^2)	0.6 (6)		
Air Consumption (No-load) m^3/min	0.42	0.45	0.90
Free Speed $min^{-1}(rpm)$	19000	13700	7600
Abrasive Disk	1", 1 - 1/2" and 2"	100 mm	180 mm
Inlet Size	Rc 1/4		Rc 3/8
Mass (Weight) kg	0.6	1.1	2.4
Accessories Included	• 2 pieces of 14 mm Single Ended Spanner • Bushing R 1/4 x NPT 1/4 • 1" Disk Sanding Pad • 1-1/2" Disk Sanding Pad • 2" Disk Sanding Pad • Assortment of Sample Abrasive Disks Contains: 2 each of #60, #80, #100 and #120 1" Abrasive Disk 2 each of #60, #80, #100 and #120 1-1/2" Abrasive Disk 2 each of #60, #80, #100 and #120 2" Abrasive Disk	• 5 mm Hex. Socket Screw Key • 6 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4	• Handle • 41 mm Single Ended Spanner • 10 mm Hex. Socket Screw Key

Grinding Wheels for MYTON MYG-25

PN	Description	Sales Unit	Appearance
TB08872	GS#46 x 58 mm	5 pcs./set	
TB08873	GS#60 x 58 mm		
TB08874	GS#80 x 58 mm	10 pcs./set	
TB08875	GS#100 x 58 mm	5 pcs./set	
TB08876	GS#120 x 58 mm		

Flap Disks for MYTON MYG-25

PN	Description	Sales Unit	Appearance
TB09074	Myton Disk Z Z#40 x 58	5 pcs./set	
TB09075	Myton Disk Z Z#60 x 58		
TB09076	Myton Disk Z Z#80 x 58		
TB09077	Myton Disk Z Z#100 x 58		
TB09078	Myton Disk Z Z#120 x 58		
TB09079	Myton Disk SA A#40 x 58	5 pcs./set	 Designed for curve sanding.
TB09080	Myton Disk SA A#60 x 58		
TB09081	Myton Disk SA A#80 x 58		
TB09082	Myton Disk SA A#100 x 58		
TB09083	Myton Disk SA A#120 x 58		

*Please use commercially available consumables for MYG-40/MYG-70.


MYG-25

Abrasive Disks and Disk Pads for MYTON MYS-20

PN	Description	Sales Unit	Abrasive Disk	Disk Pad	Sales Unit
TB09736	Abrasive Disk 1" x #40	25 pcs./set		TQ14384 1" Disk Sanding Pad 	1 piece
TB09737	Abrasive Disk 1" x #60				
TB09738	Abrasive Disk 1" x #80				
TB09739	Abrasive Disk 1" x #100				
TB09740	Abrasive Disk 1" x #120				
TB09741	Abrasive Disk 1" x #180				
TB09742	Abrasive Disk 1" x #240				
TB09743	Abrasive Disk 1" x #320				
TB09744	Abrasive Disk 1 - 1/2" x #40	25 pcs./set		TQ14383 1 - 1/2" Disk Sanding Pad 	1 piece
TB09745	Abrasive Disk 1 - 1/2" x #60				
TB09746	Abrasive Disk 1 - 1/2" x #80				
TB09747	Abrasive Disk 1 - 1/2" x #100				
TB09748	Abrasive Disk 1 - 1/2" x #120				
TB09749	Abrasive Disk 1 - 1/2" x #180				
TB09750	Abrasive Disk 1 - 1/2" x #240				
TB09751	Abrasive Disk 1 - 1/2" x #320				
TB09752	Abrasive Disk 2" x #40	25 pcs./set		TQ14382 2" Disk Sanding Pad 	1 piece
TB09753	Abrasive Disk 2" x #60				
TB09754	Abrasive Disk 2" x #80				
TB09755	Abrasive Disk 2" x #100				
TB09756	Abrasive Disk 2" x #120				
TB09757	Abrasive Disk 2" x #180				
TB09758	Abrasive Disk 2" x #240				
TB09759	Abrasive Disk 2" x #320				

*Please use commercially available consumables for MYS-40/MYS-70.

Pneumatic Belt Sander

BELTON

Ideal for sanding and grinding in narrow spaces, recessed areas and on curved surfaces

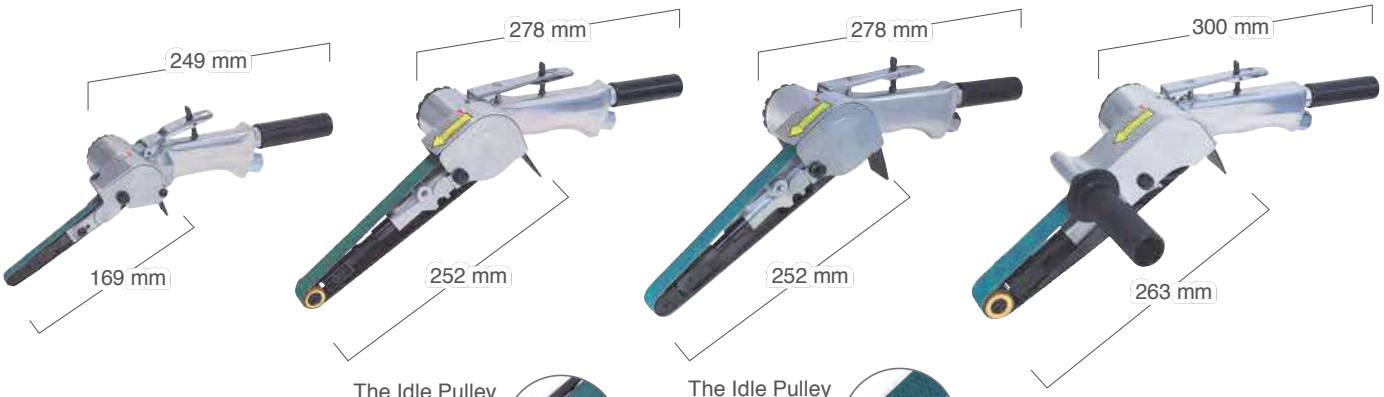
- Quick belt change
- Rear exhaust system

BELTON-10
Model B-10CL CE
- Belt size 10 mm (W)

BELTON-20
Model B-20CL CE
- Belt size 20 mm (W)

BELTON-20
Model B-20CL-A CE
- Belt size 20 mm (W)

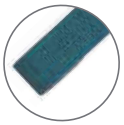
BELTON-30
Model B-30CL CE
- Belt size 30 mm (W)



The Idle Pulley for B-20CL is supported on one side only.



The Idle Pulley for B-20CL-A is supported on both sides.



Specifications

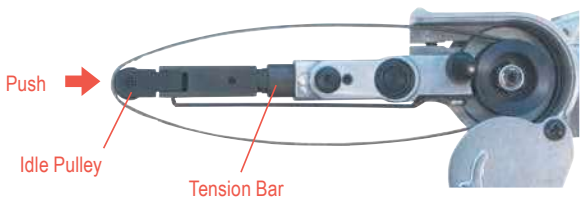
Model		B-10CL	B-20CL	B-20CL-A	B-30CL
Air Pressure	MPa (kgf/cm²)	0.6 (6)			
Air Consumption (No-load)	m³/min	0.4	0.48		0.82
Free Speed	min⁻¹(rpm)	17000	18000		15000
Belt Speed	m/min	1120	2770		2310
Belt Size	mm	10 x 330	20 x 520		30 x 540
Inlet Size		Rc 1/4			
Mass (Weight)	kg	0.9	1.6	1.5	2.4
Accessories Included		• 2 pieces of Abrasive Belt Z#60 x 10 mm (1 piece installed) • Abrasive Belt Z#80 x 10 mm • Abrasive Belt Z#100 x 10 mm • Abrasive Belt Z#120 x 10 mm • 1.5 mm Hex. Socket Screw Key • 4 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4	• 2 pieces of Abrasive Belt Z#60 x 20 mm (1 piece installed) • Abrasive Belt Z#80 x 20 mm • Abrasive Belt Z#100 x 20 mm • Abrasive Belt Z#120 x 20 mm • 2.5 mm Hex. Socket Screw Key • 4 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4 • Convex Shoe		• 2 pieces of Abrasive Belt Z#60 x 30 mm (1 piece installed) • Abrasive Belt Z#80 x 30 mm • Abrasive Belt Z#100 x 30 mm • 5 mm Hex. Socket Screw Key • Handle Assy • Bushing R 1/4 x NPT 1/4

Easy belt change

Abrasive belt can be changed easily. *Rotate and open the cover when changing.

Self-locking

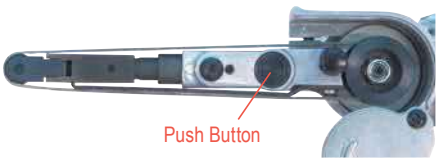
Push the idle pulley into self-lock position to loosen the belt.



For all models

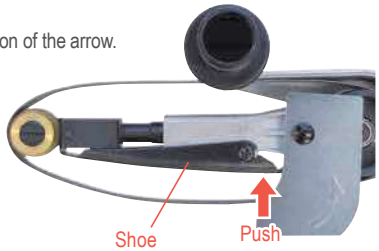
Unlock

Press the push button to pull back the tension bar.



10/20 Type

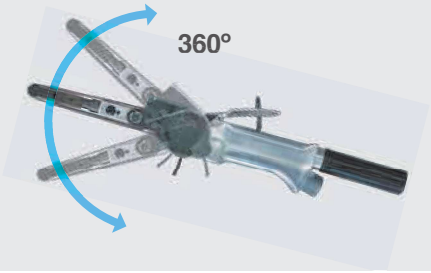
Press the shoe in the direction of the arrow.



30 Type

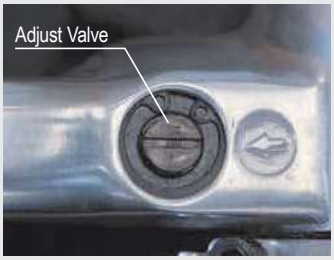
Adjustable angle for efficient operation

Guard angle can be changed freely in accordance with the working position and shape of the workpiece.



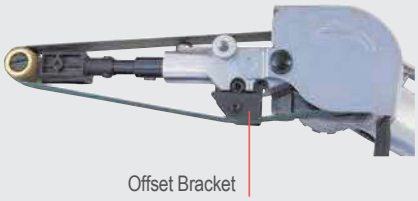
Belt Speed Adjustment

Belt speed can be easily adjusted by turning the adjust valve with a screwdriver.



Curved surface grinding

Curved surface grinding is possible by using the Offset Bracket (Optional).



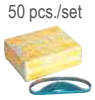
Abrasive Belt for BELTON-10

Belt Size : 6 mm x 330 mm (W x L)

Grit	PN	
	Zirconia (Z)	Alumina (AA)
#40	-	-
#60	TB00241	-
#80	TB00242	-
#100	TB00243	-
#120	TB00244	-
#180	TB00245	-
#240	TB00246	-
#400	-	TA9A237
Sales Unit		50 pcs./set When using the belt, optional Bracket 6 Ass'y and Shoe 6 are required. (Ref. No.5, 6)

Abrasive Belt for BELTON-10

Belt Size : 10 mm x 330 mm (W x L)

Grit	PN		
	Zirconia (Z)	Alumina (AA)	Ceramic (CE)
#40	-	-	TB08368
#60	TA9A064	-	TB08369
#80	TB00076	-	TB08370
#100	TB00077	-	TB08371
#120	TB00247	-	TB08372
#180	TB00248	-	-
#240	TB00249	-	-
#400	-	TA9A244	-
Sales Unit	50 pcs./set 		50 pcs./set 

Abrasive Belt for BELTON-20

Belt Size : 20 mm x 520 mm (W x L)

Grit	PN		
	Zirconia (Z)	Alumina (AA)	Ceramic (CE)
#40	TA99605	-	TB08373
#60	TA99606	-	TB08374
#80	TA99607	-	TB08375
#100	TA99608	-	TB08376
#120	TA99609	-	TB08377
#180	TB00250	-	-
#240	TB00251	-	-
#320	-	TA9A253	-
#400	-	TA9A254	-
Sales Unit	20 pcs./set 	20 pcs./set 	20 pcs./set 

Abrasive Belt for BELTON-30

Belt Size : 30 mm x 540 mm (W x L)

Grit	PN		
	Zirconia (Z)	Alumina (AA)	Ceramic (CE)
#40	TB00252	-	TB08378
#60	TB00253	-	TB08379
#80	TB00254	-	TB08380
#100	TB00255	-	TB08381
#120	TB00256	-	TB08382
#180	TB00257	-	-
#240	TB00258	-	-
#320	-	TA9A263	-
#400	-	TA9A264	-
Sales Unit	20 pcs./set 		20 pcs./set 

Optional Parts

Ref. No.	PN	Description	Sales Unit	Applicable Model		
				B-10CL	B-20CL B-20CL-A	B-30CL
1	TB09997	Offset Bracket 10 Ass'y	1 set	●		
2	TB10192	Offset Bracket 20 Ass'y	1 set		●	
3	TB08150	Offset Bracket 30 Ass'y	1 set			●
4	TB09938	Finger Pad Ass'y	1 set		●	
5	TB09996	Bracket 6 Ass'y	1 set	●		
6	TP14770	Shoe 6	1 piece	●		
7	TB10191	Convex Shoe	1 piece		●	



* for Abrasive belt width 6 mm



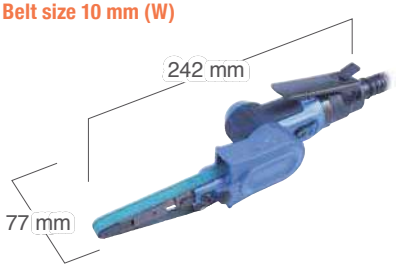
Pneumatic Belt Sander

BABY BELTON

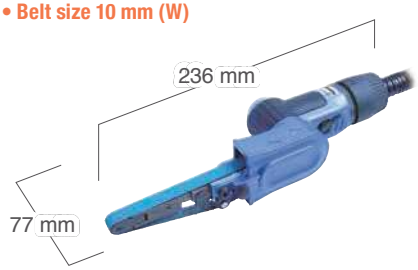
Ideal for deburring, chamfering, bead grinding, and polishing applications

- Compact and lightweight, yet powerful
- Alternative rotation direction
- Ergonomically designed for left or right hand operator convenience

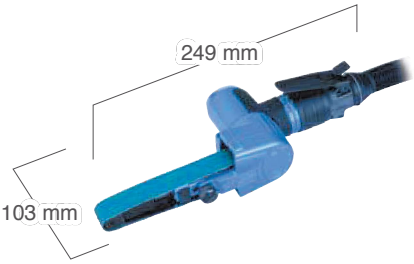
BABY BELTON-10
Model BB-10B CE
- Lever switch type
- Belt size 10 mm (W)



BABY BELTON-10
Model BB-10B Non-CE
- Ring switch type
- Belt size 10 mm (W)



BABY BELTON-20
Model BB-20 CE
- Belt size 20 mm (W)

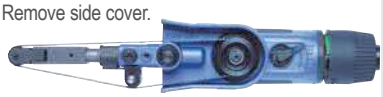


Specifications

Model		BB-10B Lever Type	BB-10B Ring Type	BB-20
Air Pressure	MPa (kgf/cm²)	0.6 (6)		
Air Consumption (No-load)	m³/min	0.2		0.43
Free Speed	min⁻¹(rpm)	17000		16000
Belt Speed	m/min	1120		1100
Belt Size	mm	10 x 330		20 x 330
Inlet Size		Rc 1/4		
Mass (Weight)	kg	0.55	0.5	0.8
Accessories Included		• Abrasive Belt Z#100 x 10 mm (Installed) • Abrasive Belt Z#120 x 10 mm • Abrasive Belt Z#180 x 10 mm • Abrasive Belt Z#240 x 10 mm • 1.5 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4 • Offset Bracket Ass'y	• Abrasive Belt Z#100 x 10 mm (Installed) • Abrasive Belt Z#120 x 10 mm • Abrasive Belt Z#180 x 10 mm • Abrasive Belt Z#240 x 10 mm • 1.5 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4 • Offset Bracket Ass'y	• Abrasive Belt Z#60 x 20 mm (Installed) • Abrasive Belt Z#120 x 20 mm • Abrasive Belt Z#240 x 20 mm • 2.5 mm Hex. Socket Screw Key • 3 mm Hex. Socket Screw Key • Shoe • Dust Cover • Bushing R 1/4 x NPT 1/4

Quick and easy belt installation and removal "NO Tools Required"

1 Remove side cover.



Push idle pulley bracket into self-locking position.

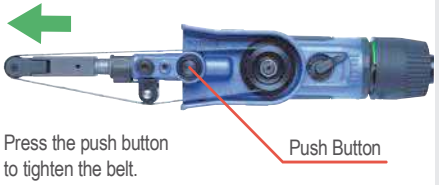


2



Replace grinding belt.

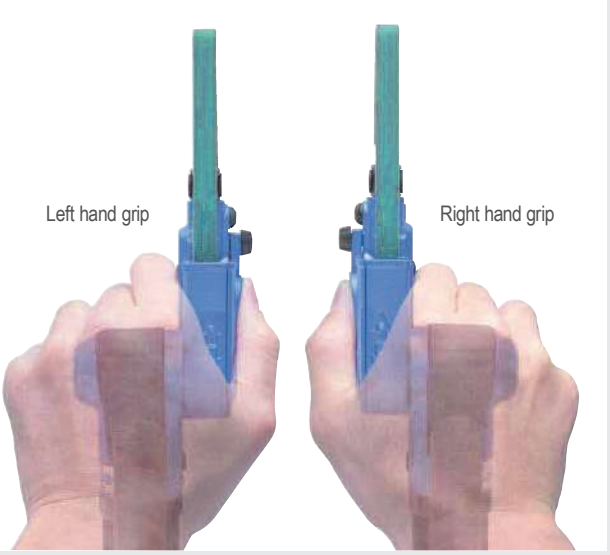
3



Press the push button to tighten the belt.

The throttle lever can be turned by 180 degrees.

Ergonomically designed for right or left hand operator convenience



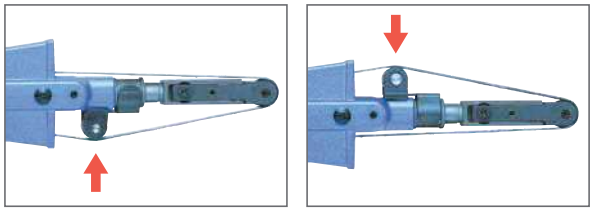
Sanding for curved surfaces

Curved surface sanding is possible by using the offset bracket.



The offset bracket can be positioned up or down.

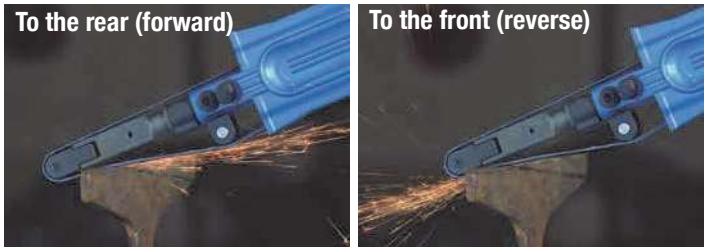
Push-in offset bracket pulley allows the following use.



Easy switching of belt rotation direction (BB-10B)

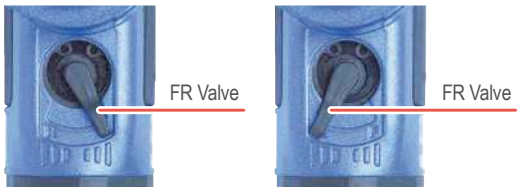
By adjusting the lever of the FR valve, the rotation direction of the abrasive belt can be changed. The direction of the chip splash can be changed by switching the rotation direction. The rotation speed can also be adjusted by the angle of the lever.

Controlling the chip splash direction



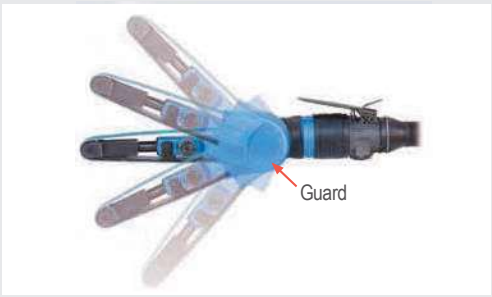
Adjusting FR Valve

The rotation speed can also be adjusted by the angle of the lever.



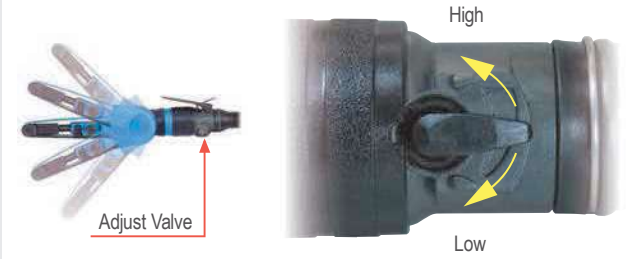
Guard position is adjustable (BB-20)

Guard angle can be changed freely in accordance with the working position and shape of the workpieces.



Belt Speed Adjustment (BB-20)

Belt speed can be easily adjusted by turning the adjust valve without a tool.



Ideal for deburring, chamfering, bead grinding, and polishing applications

Deburring of die cast parts.



Detail finishing of aluminum material.



Chamfering of straight parts.



Optional Parts

Ref. No.	PN	Description	Sales Unit	Model
1	TB07109	Offset Bracket 20 Ass'y	1 set	BB-20
2	TB07224	Tension Bar 520 Ass'y*	1 set	
3	TQ10701	Shoe 520*	1 piece	
4	TB07227	Finger Pad Ass'y 520	1 set	

*TB07224 and TQ10701 are used together.



Abrasive Belt for BABY BELTON-10

Belt Size : 10 mm x 330 mm (W x L)

Grit	PN		
	Zirconia (Z)	Alumina (AA)	Ceramic (CE)
#40	-	-	TB08368
#60	TA9A064	-	TB08369
#80	TB00076	-	TB08370
#100	TB00077	-	TB08371
#120	TB00247	-	TB08372
#180	TB00248	-	-
#240	TB00249	-	-
#400	-	TA9A244	-
Sales Unit	50 pcs./set		50 pcs./set

Abrasive Belt for BABY BELTON-20

Belt Size : 20 mm x 330 mm (W x L)

Grit	PN			
	Zirconia (Z)	Alumina (AA)	Ceramic (CE)	Non-woven
#40	-	-	-	-
#60	TB07114	-	TB07125	-
#80	TB07115	-	TB07126	-
#100	TB07116	-	TB07127	-
#120	TB07117	-	TB07128	-
#180	TB07118	-	-	TB07122 A-M Equivalent to #180
#240	TB07119	-	-	-
#320	-	-	-	TB07121 A-VF Equivalent to #320
#400	-	TB07120	-	TB07123 S-SF Equivalent to #400
Sales Unit	20 pcs./set		20 pcs./set	5 pcs./set

Pneumatic Sander

COMPACT MULTI SANDER

Excellent for sanding on narrow, confined, and hard-to-reach areas with three types of pads

- By replacement of the pad, both random orbital action and multiple movement are available with one set
- Finish sanding on a small part is possible with a small pad
- Sanding in a confined space is possible due to compact and lightweight body

Model CMX-20 CE

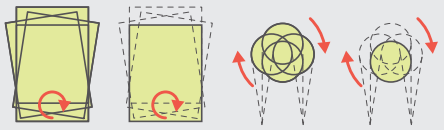


With Rectangular Pad


With 2" Round Pad

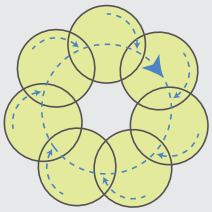

With Finger Pad

Orbital Movement (Rectangular Pad, Finger Pad)


Orbit of Rectangular Pad　　Orbit of Finger Pad

Offset rotation makes above orbit.

Dual Action Movement (2" Round Pad)



Offset rotation and self rotation makes orbit as shown on the left.

Speed Adjustment



Turn the adjust valve to limit the tools speed. Adjust the speed according to the workpiece material, grit of sand paper, and the desired surface finish.

Pad Replacement



Pad replacement can easily be made with the included spanner 10 and 4 mm hex. socket screw key.
In case of 2" round pad, only the spanner 10 is used. Use a suitable pad in accordance with the work area or area to be sanded.

Specifications

Model		CMX-20
Air Pressure	MPa	0.6
Air Consumption (No load)	m^3/min	0.15
Orbit Diameter	mm	2
Mass (Weight)	kg	0.53 (without pad)

The rectangular pad comes mounted to the tool.

Accessories Included

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

Accessory Sanding Pad

Type of Pad		Rectangular Pad	2" Round Pad	16 mm Finger Pad
Free Speed	min^{-1}	13000	14500	13000
Paper Size	mm	26 × 50	50 dia.	16 dia.

Optional Accessories

Ref. No.	PN	Description	Sales Unit
1	TB09977	26 x 50 mm Velcro Abrasive Paper #80	100 pcs. /set
	TB09978	26 x 50 mm Velcro Abrasive Paper #120	
	TB09979	26 x 50 mm Velcro Abrasive Paper #180	
2	TB09986	26 x 50 mm Velcro Non-woven Abrasive Pad #320	50 pcs. /set
3	TB09980	2" Velcro Abrasive Paper #80	100 pcs. /set
	TB09981	2" Velcro Abrasive Paper #120	
	TB09982	2" Velcro Abrasive Paper #180	
4	TB09983	16 mm Self Adhesive Abrasive Paper #80	
	TB09984	16 mm Self Adhesive Abrasive Paper #120	
	TB09985	16 mm Self Adhesive Abrasive Paper #180	

1 
For Rectangular Pad

2 
For Rectangular Pad

3 
For 2" Round Pad

4 
For 16 mm Finger Pad

*In the case of non-woven abrasive pad, it does not remove base metal. It may not clean heavily discolored welds.

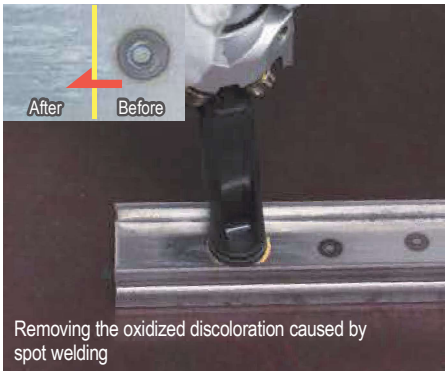

Removing weld discoloration on stainless steel

Rectangular Pad



Sanding a slight difference in level caused by tool change on a milled surface

2" Round Pad



Removing the oxidized discoloration caused by spot welding

16 mm Finger Pad

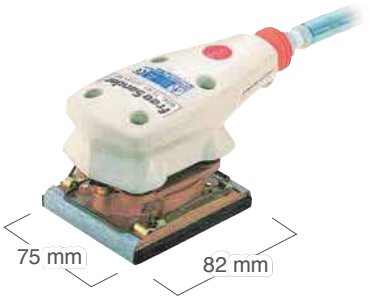
Handy Pneumatic Sander

FREE SANDER

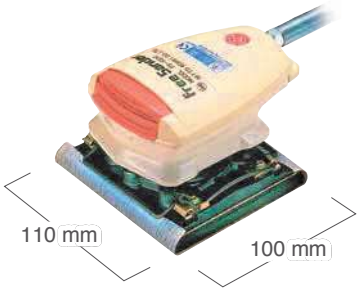
Super lightweight, low-vibration design

- Ideal for sanding and surface finishing wood, metal, plastic and other materials
- Lightweight design with minimal vibration
- High output and low air consumption motors produce high speed orbits for swirl-free finishes
- Oil free design
- Suitable for industrial and production applications

Model FS-50A CE



Model FS-100C CE

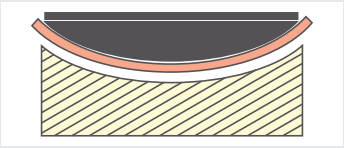


Specifications

Model		FS-50A	FS-100C
Air Pressure	MPa (kgf/cm²)	0.6 (6)	
Air Consumption (No-load)	m³/min	0.14	0.2
Free Speed	min⁻¹(rpm)	15000	20000
Orbit Diameter	mm	1.2	1.5
Pad Size	mm	75 x 82	110 x 100
Paper Size	mm	70 x 114	114 x 140
Inlet Size		Rc 1/8	
Mass (Weight)	kg	0.5	
Accessories Included		• Air Hose H Ass'y • 5 pieces of Sanding Paper #180 • 5 pieces of Sanding Paper #240 • Bushing R 1/4 x NPT 1/4	• Air Hose H Ass'y • 5 pieces of Sanding Paper #180 • 5 pieces of Sanding Paper #240 • Bushing R 1/4 x NPT 1/4

Round-Pad for FS-100C

The pad is made of sponge rubber and conforms easily to the shape being worked. Double-stick tape is used with round pad.



Optional Accessories

Ref. No.	PN	Description	Sales Unit	Model
1	TA99828	Rubber Pad	1 piece	FS-50A
2	TB02240	Dust Collector		
3	TA9A367	Rubber Pad	1 piece	FS-100C
4	TA91474	Round Pad		
5	TB02235	Dust Collector		
6	TA9A265	Sanding Paper #100	200 pcs./set	
	TA9A266	Sanding Paper #120		
	TA9A267	Sanding Paper #150		
	TA9A268	Sanding Paper #180		
	TA9A269	Sanding Paper #240		
	TA9A270	Sanding Paper #280		
	TA9A271	Sanding Paper #320		



Pneumatic Reciprocating Sander

LINE SANDER

Ideal for inline and grain sanding applications

- Ideal for most inline and profile sanding applications
- Compact and lightweight 0.75 kg design
- Low vibration and minimal noise output
- Suitable for sanding steel, aluminum, wood, plastic and other materials

Model LS-10 CE



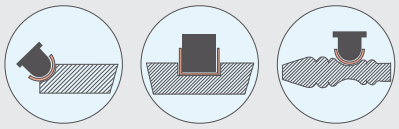
Specifications

Model		LS-10
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.11
Free Speed	min⁻¹	4000
Stroke Length	mm	4
Pad Size	mm	55 x 103
Paper Size	mm	57 x 140
Inlet Size		Rc 1/8
Mass (Weight)	kg	0.75
Accessories Included		• Air Hose E Ass'y • Block Rubber Pad • Base Plate A Ass'y • 5 pieces of Sanding Paper #240 • 5 pieces of Sanding Paper #320 • Bushing R 1/4 x NPT 1/4



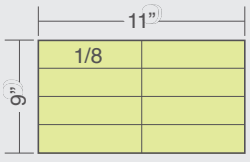
Special Sanding Pad

The Block Rubber Pad Assembly can be easily trimmed to conform to the shape being worked and is available as an accessory.



Abrasive Paper

Cut standard size paper (9" x 11") into 8 pieces, as shown below. For dry sanding, use an open coat abrasive paper with silicon carbide or aluminum oxide abrasive grains to prevent clogging, improve grinding efficiency, and prolong the life of the paper.



Optional Accessories

Ref. No.	PN	Description	Sales Unit
1	TB02244	Dust Collector	1 piece
2	TA96665	Rubber Pad	
3	TA96739	Block Rubber Pad	



Pneumatic Compact Sander

ORBITAL SANDER

Model OSV-60A CE

Heavy-duty and powerful with adjustable speed regulator

- Powerful dual action for tough applications
- Standard with dust extraction system
- Rugged construction for years of reliable performance



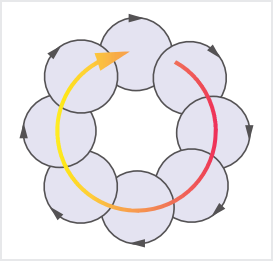
Specifications

Model		OSV-60A
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.68
Free Speed	min⁻¹(rpm)	8500
Orbit Diameter	mm	10
Paper Size	mm	150 (6")
Pad Type		PSA with 6 holes
Inlet Size		Rc 1/4
Mass (Weight)	kg	2
Accessories Included		• Dust Collection Ass'y with Dust Bag • Single Ended Spanner 17 • Bushing R 1/4 x NPT 1/4 • Brush



Random orbital action creates a professional finish

By offsetting the sanding pad shaft, fast aggressive sanding is achieved while dramatically reducing swirl patterns. Speed adjustments allow for the best speed for the best job.



Pneumatic Compact Sander

PALM ORBITAL SANDER

Model APS-125/150 CE



Non Vacuum

Ergonomic lightweight design

- Extremely light. APS-125 weighs just 690 g
- Ergonomically designed for operator convenience and comfort
- Powerful high speed 10000 RPM motor
- Ultra small orbital action for high quality swirl-free finishes
- Available with 125 mm or 150 mm pads
- Variable speed control

Applications

- Feather edging, metal preparation, and finishing work on body filler
- Curved surface sanding and corner rounding in wood work

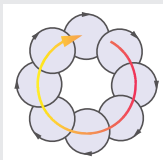
Specifications

Model		APS-125	APS-150
Air Pressure	MPa (kgf/cm²)	0.6 (6)	
Air Consumption (No-load)	m³/min	0.45	
Free Speed	min⁻¹(rpm)	10000	
Orbit Diameter	mm	5	
Paper Size	mm	125 (5")	150 (6")
Pad Type		PSA or Velcro with 5 holes	Velcro with 6 holes
Inlet Size		Rc 1/4	
Mass (Weight)	kg	0.69	0.72
Accessories Included		• 17 mm Single Ended Spanner • Bushing R 1/4 x NPT 1/4	



Random orbital action creates a professional finish

By offsetting the sanding pad shaft, fast aggressive sanding is achieved while dramatically reducing swirl patterns. Speed adjustments allow for the best speed for the best job.



For Self Vacuum & Central Vacuum

The non-vacuum model is available from stock and can easily be modified to self-vacuum or central vacuum.

Self Vacuum



Central Vacuum



Pneumatic Die Grinder

AIR SONIC

Ideal for most deburring, finishing and grinding applications

- Rear exhaust with noise reduction system
- Suitable for industrial and production applications
- Locking throttle lever helps prevent accidental start-up
- Accepts most stone-type and rotary carbide burrs with 6 mm shanks
- Precision machined with heavy-duty spindle and support bearings (L-35C)

Model L-25B CE

• For all grinding, deburring and finishing jobs



Model L-35C CE

• Special design for rotary burrs





Specifications

Model		L-25B	L-35C
Air Pressure	MPa (kgf/cm²)	0.6 (6)	
Air Consumption (No-load)	m³/min	0.4	0.35
Free Speed	min⁻¹(rpm)	27000	37500
Chuck Size	mm	6	
Inlet Size		Rc 1/4	
Mass (Weight)	kg	0.6 (without hose)	0.45 (without hose)
Accessories Included		• 14 mm Single Ended Spanner • Mounted Wheel No.2 • Mounted Wheel No.3 • Chuck Pin • Bushing R 1/4 x NPT 1/4	• 2 pieces of 14 mm Single Ended Spanner • Mounted Wheel 13 x 13 x 6 x 38 • Bushing R 1/4 x NPT 1/4

Optional Accessory

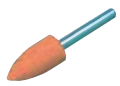
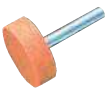
PN	Description	Sales Unit
TP02806	Chuck Sleeve 6 x 3 mm	1 piece



A mounted wheel or rotary burr with 3 mm shaft can be installed on L-25B and L-35C by using the chuck sleeve 6 x 3.

Optional Accessories

Mounted Wheel for AIR SONIC L-25B (Sales Unit: 5 pcs./set)

No.1: 16 x 32	No.2: 16 x 32	No.3: 19 x 20	No.4: 25 x 25
			
PN: TA9A277	PN: TA9A278	PN: TA9A279	PN: TA9A280
No.5: 19 x 28	**No.6: 25 x 13**	**No.7: 32 x 10**	**No.8: 16 ball**
			
PN: TA9A281	PN: TA9A282	PN: TA9A283	PN: TA9A284

Rotary Burr for AIR SONIC L-35C (Sales Unit: 1 piece)

No.1: CB1C-106	No.2: CB2C-105	No.3: CB3C-103	No.4: CB4C-103
			
PN: TP10594	PN: TP10595	PN: TP10596	PN: TP10597
No.5: CB5C-104	**No.6: CB6C-102**	**No.7: CB7C-103**	**No.8: CB8C-105**
			
PN: TP10598	PN: TP10599	PN: TP10600	PN: TP10601

Pneumatic Die Grinder

AIR SONIC

Model AL-55A CE



High speed rotation 56500 rpm

- Smooth high speed rotation and low vibration enables precision grinding
- Stepless speed change from 0 to 56500 rpm meets a wide range of grinding applications
- Compact and light weight for comfortable operation over long periods of time.
- Triangular grip fits operator's hand. Special plastic grip prevents cold hands and absorbs vibration.
- Rear exhaust system

Specifications

Model		AL-55A
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.17
Free Speed	min⁻¹(rpm)	56500
Chuck Size	mm	3
Inlet Size		G 1/4
Mass (Weight)	kg	0.27
Accessories Included		• 7 x 9 mm Spanner • Lock Wrench • Mounted Wheel 5 x 13 x 3 • Bushing R 1/4 x NPT 1/4

Optional Accessory

PN	Description	Sales Unit
TB00137	Mounted Wheel 5 x 13 x 3	10 pcs./set



Portable Precision Finishing File

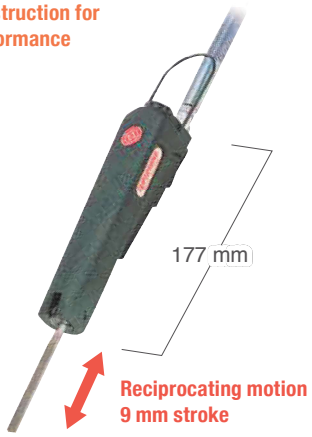
SUPER HAND

Fast, efficient filing, sanding and deburring tools

- Eliminates time consuming manual hand-filing operations
- Ideal for industrial production filing applications on steel, aluminum, brass, wood and other materials
- Unique and compact design delivers reduced vibration performance while reducing operator fatigue.
- Interchangeable files
- Rear exhaust system
- Weight reduced by half for comfortable operation over long period of time (ASH-900)

Model SH-100A CE

- Rugged construction for reliable performance



Model ASH-900 CE

- Weight reduced by half for comfortable operation over long period of time



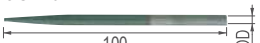


Specifications

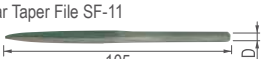
Model		SH-100A	ASH-900
Air Pressure	MPa (kgf/cm²)	0.6 (6)	
Air Consumption (No-load)	m³/min	0.24	0.13
Stroke Speed	min⁻¹	3700	6300
Stroke Length	mm	9	
File shank Size	mm	6.3	5.0
Inlet Size		Rc 1/4	
Mass (Weight)	kg	1.1	0.5
Accessories Included		• Rat Tail File SF-10 • Triangular Taper File SF-11 • Half Round File SF-12 • Flat File SF-13 • 3 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4 • Air Hose E Ass'y	• Rat Tail File SF-10 • Triangular Taper File SF-11 • Half Round File SF-12 • Flat File SF-13 • 2.5 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4

Optional Accessories

Sales Unit: 5 pcs./set

Rat Tail File SF-10


PN: TA9A222

Triangular Taper File SF-11


PN: TA9A223

Half Round File SF-12


PN: TA9A224

Flat File SF-13


PN: TA9A225

Optional Accessories

Ref. No.	PN	Description	Sales Unit
1	TA91752	Rubber Pad Ass'y for SH-100A	1 set
2	TA94625	Supporter Ass'y for SH-100A (use with TA91752)	
3	TB04319	Sanding Pad Ass'y for ASH-900	



Portable Precision Finishing File

SUPER HAND LIGHT

Best suited for deburring of die-cast aluminum products and machined parts

- Small size, light-weight, and low-vibration model
- Reduced operator fatigue for greater productivity

Model SHL-40 CE



Specifications

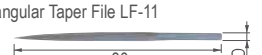
Model		SHL-40
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.07
Stroke Speed	min⁻¹	9000
Stroke Length	mm	4
File shank Size	mm	3.0
Inlet Size		Rc 1/4
Mass (Weight)	kg	0.4
Accessories Included		• Flat File LF-13 • 2 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4

Optional Accessories

Sales Unit: 3 pcs./set

Rat Tail File LF-10


PN: TB09652

Triangular Taper File LF-11


PN: TB09654

Half Round File LF-12


PN: TB09653

Flat File LF-13


PN: TB09651

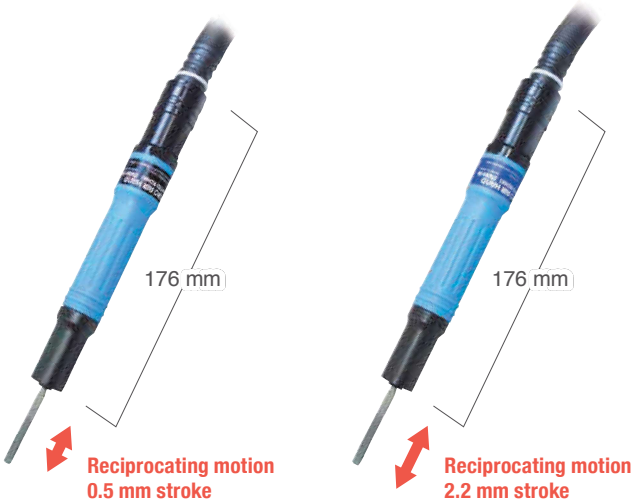
Portable Fine Finishing File

MICRO AIR HAND

Light weight, ultra-low vibration filer for polishing and lapping operations

• Fine reciprocating motion best for precision parts filing

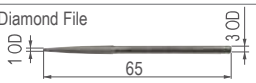
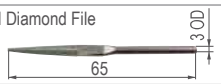
Model MAH-05 CE **Model MAH-16** CE



Specifications

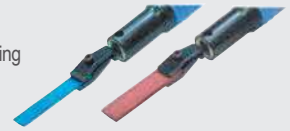
Model		MAH-05	MAH-16
Air Pressure	MPa (kgf/cm²)	0.6 (6)	
Air Consumption (No-load)	m³/min	0.07	
Stroke Speed	min⁻¹	22000	11000
Stroke Length	mm	0.5	2.2
File Shank Size	mm	3	
Inlet Size		Rc 1/4	
Mass (Weight)	kg	0.37	
Accessories Included		• Flat End Diamond File • Round End Diamond File • 2 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4	

Optional Accessories

PN	Description	Sales Unit
TB07502	Flat End Diamond File 	5 pcs./set
TB07503	Round End Diamond File 	5 pcs./set
TB07504	Triangular End Diamond File 	5 pcs./set
TB07505	Half-round End Diamond File 	5 pcs./set
TB07506	Vice Holder* 	1 set

Mounting Examples

*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)



Pneumatic Deburring Tool

BURR CUTTER

Model BC-005 CE

For deburring machined holes

• While gripping the lever, push the countersink into the machined holes to remove burrs
• Optimum speed can be obtained by the adjust valve, resulting in clear deburred surfaces
• Push-to-engage type prevents the countersink from coming off the hole and damaging the workpiece
• Replacement of the countersink is easy and quick with a set of three quick change chucks provided



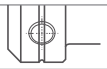
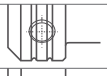
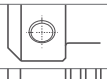
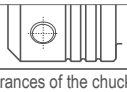


Specifications

Model		BC-005
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.22
Free Speed	min⁻¹(rpm)	420
Deburring Hole diameter	mm	3 to 34
Countersink Shank Size	mm	6, 8, 10, 12*
Inlet Size		Rc 1/8
Mass (Weight)	kg	0.75
Accessories Included		• 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

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

Compatibility table between chuck and countersink shank diameter

Chuck	Appearance*	Countersink Shank Diameter (mm)	Overall Length of Chuck (mm)
Chuck 6		6	49.5
Chuck 8		8	49.5
Chuck 10		10	49.5
Chuck 12		12	60

*indicates outer appearances of the chucks around the hex. socket head set screw.

Pneumatic Hacksaw

SUPER SAW

Model SSW-110 CE



Special double-piston system provides low vibration while improving cutting speed!

- Ideal for sawing and trimming operations on sheet metal, aluminum, plastic and other materials
- Suitable for automotive, fabrication, HVAC, electrical and woodworking applications
- Ultra lightweight construction with low vibration performance
- Optimized blade stroke for maximum cutting performance
- Powerful dual piston construction
- Locking throttle lever helps prevent accidental start-up

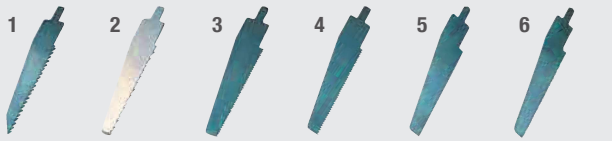


Specifications

Model		SSW-110
Air Pressure	MPa (kgf/cm²)	0.6 (6)
Air Consumption (No-load)	m³/min	0.29
Stroke Speed	min⁻¹	7000
Stroke Length	mm	11
Capacity (Max. plate thickness)	mm	3
Inlet Size		Rc 1/4
Mass (Weight)	kg	0.62
Accessories Included		• 2 pieces of 32 TPI Saw Blade • 3 mm Hex. Socket Screw Key • Bushing R 1/4 x NPT 1/4

Optional Accessories

Ref. No.	PN	Description	Sales Unit
1	TB00759	9 TPI Saw Blade for Gypsum-board	10 pcs./set
2	TB00760	12 TPI Saw Blade for Plywood Panel	
3	TB00192	14 TPI Saw Blade for Plastic	
4	TB00193	18 TPI Saw Blade for Plastic	
5	TA9A011	24 TPI Saw Blade for Mild Steel	
6	TA9A005	32 TPI Saw Blade for Mild Steel	



Pneumatic Hand Drill

AIR DRILL

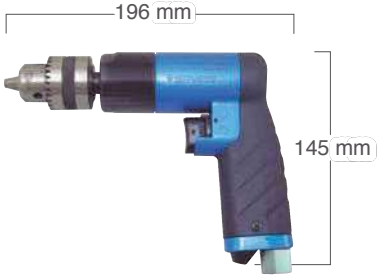
The power and performance you need to drill deeper and faster

- Ultra high power to weight ratio
- Ergonomically designed to reduce operator fatigue
- Variable speed control
- Reversible
- Designed for industrial and production applications

Model ADR-65 CE

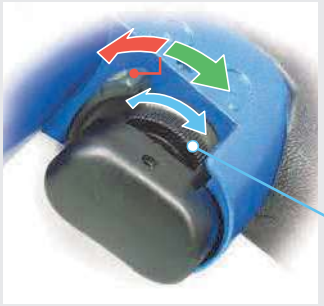


Model ADR-100 CE



Reversible

Change rotation direction by turning the valve as indicated.





Variable speed adjustment
Turn the speed control nut to change the R.P.M.

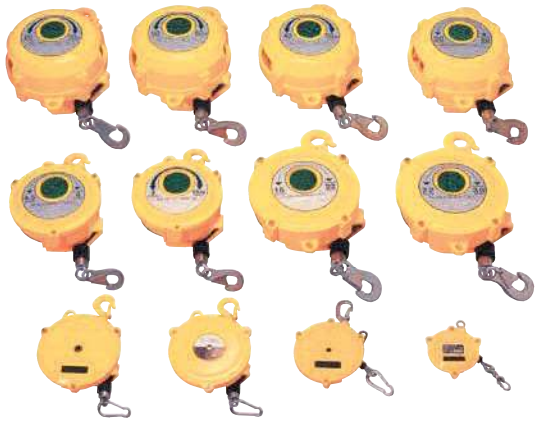
Specifications

Model		ADR-65	ADR-100
Air Pressure	MPa (kgf/cm²)	0.6 (6)	
Air Consumption (No-load)	m³/min	0.55	0.67
Free Speed	min⁻¹(rpm)	2900	2000
Max. drilling Capacity	mm	6.5	10.0
Inlet Size		Rc 1/4	
Mass (Weight)	kg	0.8	1.1
Accessories Included		• Drill chuck (Installed) • Chuck Handle • Bushing R 1/4 x NPT 1/4 • CUPLA 30SH	

Optional Accessory

PN	Description	Sales Unit
TQ10969	Hanger	1 piece

SPRING BALANCER series



Spring balancer improves work safety and efficiency

Our spring balancers offer a simple cost effective solution to take the strain out of handling tools thus improving work safety and efficiency. The balancer range covers 0.5 to 70 kg tool capacity with a maximum cable length of 2 meters.

Specifications

Model		TW-00	TW-0	TW-3	TW-5
Capacity	kg	0.5 - 1.5	0.5 - 1.5	1.0 - 3.0	2.5 - 5.0
Stroke	m	0.5	1.0	1.3	1.3
Weight	kg	0.2	0.5	1.4	1.5

Model		TW-9	TW-15	TW-22	TW-30
Capacity	kg	4.5 - 9.0	9.0 - 15.0	15.0 - 22.0	22.0 - 30.0
Stroke	m	1.3	1.3	1.5	1.5
Weight	kg	3.4	3.8	7.2	7.6

Model		TW-40	TW-50	TW-60	TW-70
Capacity	kg	30.0 - 40.0	40.0 - 50.0	50.0 - 60.0	60.0 - 70.0
Stroke	m	1.5	1.5	1.5	1.5
Weight	kg	9.8	10.4	11.6	11.8

HOSE REEL BALANCER series

Functions both as balancer and hose reel



Specifications

Model			HW-0	HW-3	HW-5
Capacity		kg	0.5 - 1.5	1.5 - 3.0	3.5 - 5.0
Stroke		m	1.3	1.3	1.3
Weight		kg	1.6	1.7	1.8
Hose Diameter	I.D.	mm	6.5	6.5	6.5
	O.D.	mm	10	10	10

RETRACTOR series

Handy knob for easy tension adjustment



Specifications

Model		RW-0	RW-3	RW-5	TW-06R	TW-1R
Capacity	kg	0.5 - 1.5	1.0 - 3.0	2.5 - 5.0	0.2 - 0.6	0.5 - 1.5
Stroke	m	2.0	2.0	2.0	1.5	1.5
Weight	kg	0.5	0.7	0.9	0.3	0.3

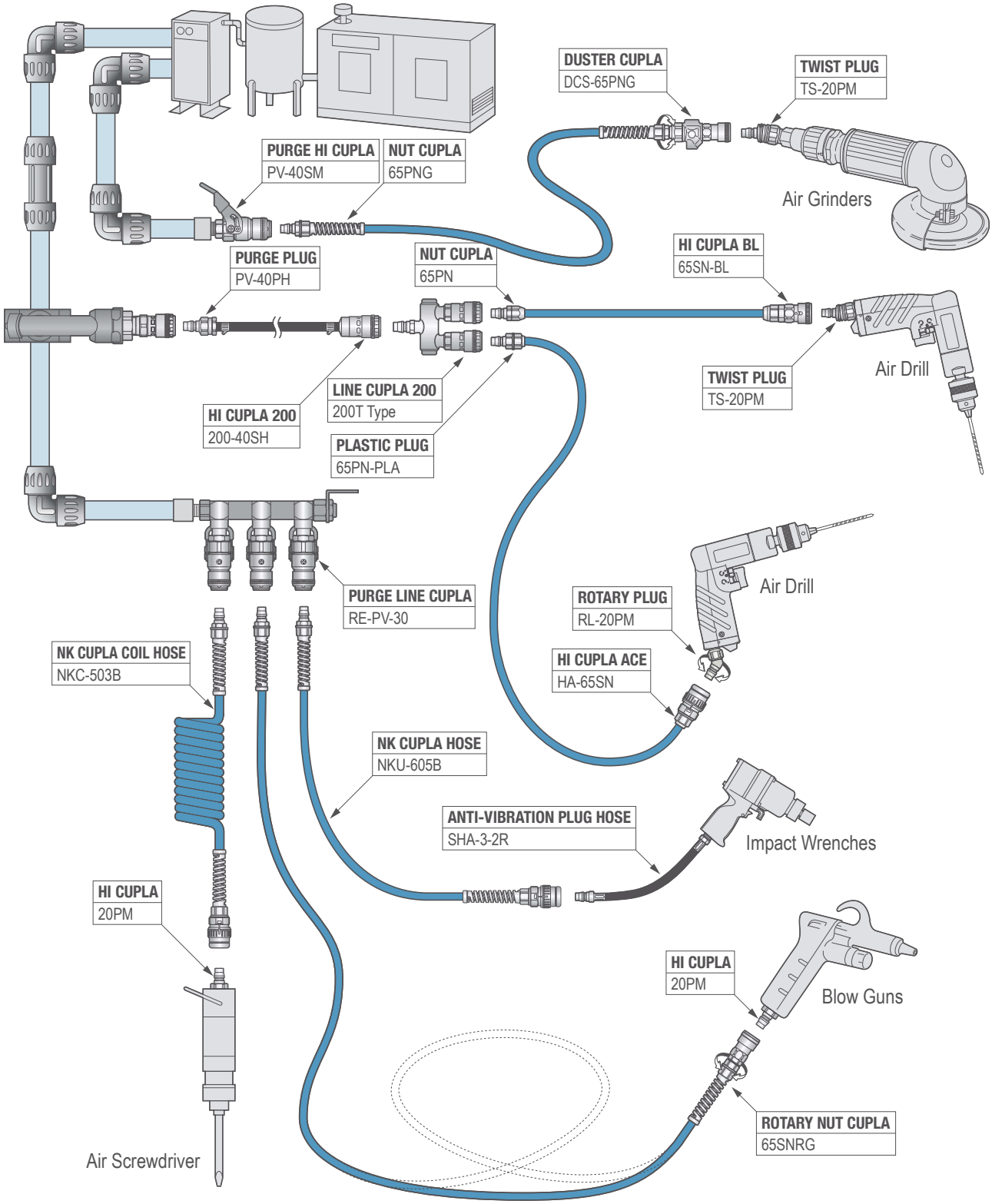
Vibration Level, Sound Pressure Level, and Sound Power Level

Figures may vary depending on applications

Series	Model	Vibration Level m/s²	Measurement Point	Vibration Standard	Sound Pressure Level dB(A)	Sound Power Level dB(A)
AIR CHIPPER (Pneumatic)	ACH-16	66	Grip	EN 28927-9	86	97
	CH-24	100	Grip		87	98
AIR SONIC (Pneumatic)	AL-55A	0.8	Grip	ISO28927-12	71	82
	L-25B	7.2	Grip		76	87
	L-35C	3.1	Grip		76	87
AUTO CHISEL (Pneumatic)	A-300	≧ 30	–	EN 28927-9	97	108
BELTON (Pneumatic)	B-10CL	≦2.5	Grip	ISO 20643	78	89
	B-20CL	≦2.5	Grip		81	92
	B-20CL-A	≦2.5	Grip		80	91
	B-30CL	≦2.5	Sub Handle		86	97
	BB-10B Lever Type	≦2.5	Grip L		79	90
		≦2.5	Grip R			
	BB-10B Ring Type	≦2.5	Grip L		79	90
		≦2.5	Grip R			
	BB-20	≦2.5	Grip L		85	96
		≦2.5	Grip R			
BEVELER (Pneumatic)	AMB-0307	4.1	Grip	EN ISO 20643	87	98
		6.3	Knob			
	AMBL-0307	4.1	Grip		87	98
		6.3	Knob			
	CB-01	≦2.5	Grip		88	99
	CB-02	4.1	Grip		74	85
	CBR-03	≦2.5	Grip		81	92
		3.4	Handle			
BEVELER (Electric)	ECB-0203	7.0	Grip	EN 60745-1	83	84
		7.0	Knob			
	EMB-0307C	8.3	Grip		88	99
		3.7	Knob			
	HB-15B	≦2.5	Grip		64	75
		4.6	Handle			
	MB-03A	5.9	Grip		80	91
		6.6	Knob			
BURR CUTTER (Pneumatic)	BC-005	4.2	Grip	EN 20643	89	100
COMPACT MULTI SANDER (Pneumatic)	CMX-20	≦2.5	Grip	EN 28927-3	76	87
FREE SANDER (Pneumatic)	FS-50A	2.7	Grip		77	88
	FS-100C	≦2.5	Grip		85	96
JET CHISEL (Pneumatic)	AJC-16	4.8	Grip	EN ISO 28927-9	84	95
	JC-16	8.3	Grip		81	92
		11.5	Needle Guide			
	JEX-20	9.0	Grip		92	103
	JEX-24	10.5	Grip		93	104
		28	Needle Guide			
	JEX-28	15.0	Grip		96	107
		17.5	Needle Guide			
	JEX-2800A	11.5	Grip		94	105
		14.5	Needle Guide			
	JT-16	9.5	Grip		92	103
	JT-20	15.5	Grip		91	102
JET CHISEL (Electric)	EJC-32A	16.0	Grip	EN 60745-2-6	85	96
		15.0	Handle			
LINE SANDER (Pneumatic)	LS-10	6.0	Grip	EN 20643	78	89
MICRO AIR HAND (Pneumatic)	MAH-05	≦2.5	Grip	EN 28927-8	64	75
	MAH-16	≦2.5	Grip		64	75
MYTON (Pneumatic)	MG-40 Lever	5.9	Grip	ISO 28927-1	86	97
	MG-40 Ring	6.0	Grip		84	95
	MYG-25	≦2.5	Grip	ISO 20643	82	93
	MYG-40	4.2	Grip	ISO 28927-1	94	105
	MYG-50	4.5	Grip		92	103
		4.2	Handle			
	MYG-70 Lever	3.2	Grip		92	103
		8.2	Handle			
	MYG-70 Ring	3.2	Grip		92	103
		8.2	Handle			
	MYS-20	3.3	Grip	ISO 28927-3	82	93
	MYS-40	≦2.5	Grip		82	93
	MYS-70	≦2.5	Grip		89	100
		≦2.5	Handle			
ORBITAL SANDER (Pneumatic)	OSV-60A	4.6	Grip		89	100
		7.2	Supporting Section			
PALM ORBITAL SANDER (Pneumatic)	APS-125	5.5	Grip		78	89
	APS-150	7.4	Grip		81	92
SUPER HAND (Pneumatic)	ASH-900	4.8	Grip	EN 28927-8	62	73
	SH-100A	6.8	Grip		76	87
	SHL-40	≦2.5	Grip		71	81
SUPER KELEN (Pneumatic)	S-250	50	Grip	EN 28927-9	101	112
	S-500	29	Grip		100	111
		17.0	Supporting Section			
	S-1000	58	Grip		99	110
		81	Supporting Section			
SUPER SAW (Pneumatic)	SSW-110	9.3	Grip	EN 28927-8	71	82

CUPLA

Nitto Kohki supplies various types of air couplings to meet all needs of air piping from main supply, relays in factories, pipe end connections to pneumatic tools, and those of air piping within equipment. The following sketch gives you some examples of air piping using HI CUPLA Series and may serve as a good reference in selecting appropriate couplings. For more information, please visit http://www.nitto-kohki.co.jp/e/prd/d_cat/ and see our eCatalog here.



QUICK CONNECT COUPLINGS FOR PNEUMATIC TOOLS

HI CUPLA



- One-way shut-off coupling with an automatic shut-off valve in the socket
- Important parts are hardened for excellent wear resistance and durability

Specifications

Body material	Steel (Chrome-plated)	Brass	Stainless steel
Working pressure	1.5 MPa (15 kgf/cm²)	1.0 MPa (10 kgf/cm²)	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber / Fluoro rubber		

HI CUPLA 200



- Simple and secure push-to-connect type
- New valve design for low pressure loss to achieve flow rate increase

Specifications

Body material	Steel (Chrome-plated)
Working pressure	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber

NUT CUPLA



- No hose clamp required
- Nut types are available in HI CUPLA Series and HI CUPLA 200 Series
- To mount on hose, simply slide it over the nipple and tighten the nut

Specifications

Body material	Steel (Chrome-plated), Stainless steel
Working pressure	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber

HI CUPLA ACE



- Lightweight plastic coupling with safety lock
- Pressure ratings comparable to steel HI CUPLA
- Just push plug into socket for simple connection

Specifications

Body material	Engineering plastics (PBT, POM)
Working pressure	1.5 MPa (15 kgf/cm²) 1.0 MPa (10 kgf/cm²) for Model HA-T
Seal material	Nitrile rubber

ROTARY PLUG



- Newly developed rotary function allows 360° swivelling
- Rotary neck plug for hose connection to pneumatic tools and pneumatic devices
- Fits at 45° angle to the tool eliminating annoying offset load caused by connected hose

Specifications

Body material	Steel (Nickel-plated), Stainless steel
Working pressure	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber

FULL-BLOW CUPLA



- Unique full-open gate type valve mechanism realizes low pressure loss and high flow rate, which reduces required source air volume
- The flow rate is increased by up to 40% more than that of conventional HI CUPLA
- During connection and disconnection, the valve is closed, enabling connection/disconnection under zero line pressure

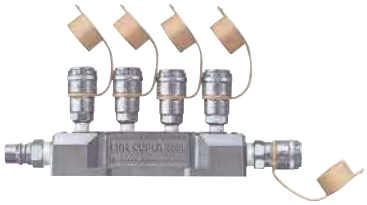
Specifications

Body material	Aluminum alloy
Working pressure	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber

*For more information, please visit http://www.nitto-kohki.co.jp/e/ and see our eCatalog here.

QUICK CONNECT COUPLINGS FOR PNEUMATIC TOOLS

LINE CUPLA



- Enables several air lines to be taken simultaneuosly from one supply line
- Just push in the plug into socket for simple and secure connection
- Choose from the 2-outlet type (Model 200T), the 5-outlet straight type (Model 200L) and the 5-outlet star type (Model 200S) to suit your application

Specifications	
Body material	Aluminum
CUPLA	Steel (Chrome-plated)
Working pressure	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber

HI CUPLA BL





- Sleeve-lock mechanism prevents accidental disconnection
- Critical structural parts made of steel are heat-treated for increased strength giving greater durability and resistance to wear
- SN-BL type for connection to urethane hose requires no hose clamp

Specifications	
Body material	Steel (Chrome-plated), Stainless steel
Working pressure	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber

PURGE PLUG



- Eliminates an unleasant popping noise and accidental hose whip on disconnection
- Unique design of air purge system enables the residual pressure release quickly and quietly.
- The function is assured even under a high supply pressure or with a long hose

Specifications	
Body material	Steel (Chrome-plated)
Working pressure	1.0 MPa (10 kgf/cm²)
Seal material	Nitrile rubber

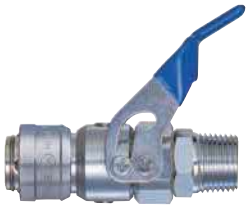
ANTI-VIBRATION PLUG HOSE



- Protects the "CUPLA" from shock generated by vibrating tools and impact tools
- Prevents hard-to-notice flow reduction caused by "CUPLA" wear under continuous vibration
- Flexible rubber hose allows free and wide range of tool motion.

Specifications	
Size (Thread)	R 1/4", R 3/8"
Inlet (Plug)	HI CUPLA (30PH)
Overall length	320 mm

PURGE HI CUPLA



- Just push in the plug for connection regardless of internal pressure in socket
- Eliminates an unleasant popping noise and accidental hose whip on disconnection
- Even after connection, lever operation gives perfect control over valve opening/closing

Specifications	
Body material	Brass (Chrome-plated)
Working pressure	1.0 MPa (10 kgf/cm²)
Seal material	Nitrile rubber

ROTARY LINE CUPLA



- Multiple outlets are available from single air supply source.
- Sideway air outlets are rotatable to any angle. Possible hose twists can be eliminated by the swivel mechanism
- Choose either RT type (2 outlets) or RE type (3 outlets) to suit you application

Specifications	
Body material	Body: Brass (Chrome-plated), CUPLA: Steel (Chrome-plated)
Working pressure	1.5 MPa (15 kgf/cm²)
Seal material	Nitrile rubber

Nitto Kohki's Labor Saving Products

Nitto Kohki is capturing the needs of users by introducing to the world not only "machine tools and power "Cupla" quick connect couplings, and linear-motor-driven piston "compressors/vacuum pumps".

Professional Tools for Assembling High-Technology Goods

Nitto Kohki's "delvo" electric screwdrivers are high-quality tools for professional use, with special emphasis on precise torque control and long-term reliability. "delvo" give you the ability to get it right, every time.

delvo Brushless Type C series (DLV45C)


DLV45C12L


DLV45C12P


DCC0241X

- Torque range: 0.6 - 4.5 Nm
- Speed: 100 - 1200 min^{-1}
- Machine screw size: 3.0 - 6.0 mm
- Current controlled torque system
- Build-in screw counting function
- Thirty different torque setting can be set on a single screwdriver.

delvo Brushless Type C series (DLV04C/10C)


DLV04C10L


DLV10C10L


DCC0101X

- Torque range: 0.05 - 1.0 Nm
- Speed: 100 - 1000 min^{-1}
- Machine screw size: 1.2 - 4.0 mm
- Current controlled torque system
- Build-in screw counting function

delvo Brushless Type S series (DLV30S/45S/70S)


DLV30S06P


DLV30S12P


DLV30S20L


DEA0151N-AZ


DEA0241N-AZ

- Torque range: 0.4 - 7.0 Nm
- Speed: 160 - 2000 min^{-1}
- Machine screw size: 2.6 - 8.0 mm
- Automatic speed control function
- Setting with the Remote Controller
- Build-in screw counting function

delvo Brushless Type A series (DLV30A/45A/70A)


DLV30A06P


DLV30A12L


DLV30A20P


DLV45A12L

- Torque range: 0.4 - 7.0 Nm
- Speed: 650 - 2000 min^{-1}
- Machine screw size: 2.6 - 8.0 mm
- Brushless motor and newly designed clutch provide a more consistent torque output over the life of the tool
- More accurate torque control and considerably quieter operation when compared to pneumatic screwdrivers

*For more information, please visit http://www.nitto-kohki.co.jp/e/ and see our eCatalog here.

tools", but also next-generation laborsaving devices, including high precision "delvo" electric screw drivers,

Nitto Kohki's Compressors and Vacuum Pumps will enhance your system flexibility

Nitto Kohki offers a lineup of various types of compressors and pumps. These include linear-driven, electro-magnetic diaphragm, DC, and "bimorph" piezoelectric products. Our compressors and pumps are renowned for being compact and lightweight as well as for their low noise level, clean operation and durability for longer life. In further applying these technologies, we are also expanding applications to various fields that include medical, well-being, health devices and environment related equipment.

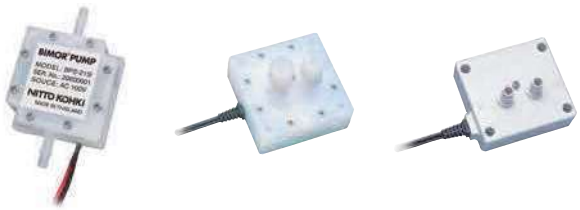
AC Linear Free Piston Compressor
AC Linear Free Piston Vacuum Pump
DC Linear Free Piston Compressor
DC Linear Free Piston Vacuum Pump
AC Linear Diaphragm Pump
DC Diaphragm Pump
DC Piston Pump

- Compact, lightweight, low vibration, low noise level, clean operation and longer durability



Piezoelectric Pump

- Compact, lightweight, durable and quiet
- Low power consumption and electromagnetic noise
- Simple flow rate adjustment



DC Diaphragm Liquid Pump

- Built-in pulse absorption chamber
- Many build material options for different liquids
- Self-priming type with air suction acceptable



AC Linear Free Piston Blower

- Linear blowers for aeration
- Low noise and easy maintenance



Be sure to read and understand all safety precautions mentioned below and to follow the instructions given to operate each Nitto Kohki brand tool as stated in the operator's manual. Keep operators manual close by when operating machines or tools for reference of safe operation and precautions.

Safety Precautions

Failure to observe the following warnings may cause a potentially hazardous situation, which if not corrected could result in serious injury or death. To prevent the risk of fire, electric shock, and/or personal injury, proper safety guidelines should be followed at all times.

Warning for ALL Machines and Tools

- Always keep the work area free from clutter and potentially dangerous conditions such as hanging power cords, working debris, air hoses, and garbage to prevent accidents from occurring.
- Consider proper working environments for each tool carefully. Do not expose tools to extreme amounts of moisture or direct contact with water or rain. Keep area well lit at all times to prevent hidden dangers and never operate the equipment near flammable liquids or in gaseous or explosive atmospheres.
- Keep all tools and tool accessories away from children and all unauthorized personnel. Serious injury or possible death may result from machines being handled by children.
- Properly store machines and accessories while not in use. They should be kept in a dry, locked-up location out of reach of children or unauthorized personnel.
- Improper or negligent use of tools will cause increased maintenance costs, and the amount of time in which to complete the job. Always let the tool do the work at the rate of which it was designed. Best performance is always achieved by reading and understanding the proper operation of each machine or tool.
- Always wear safety glasses and protective hand and foot wear during or around operating tools. Wear a protective hair covering to contain long hair. Do not wear loose clothing and/or accessories as they may be caught in moving parts and inflict serious injury or possible death.
- Wear respiratory protection when working in an environment where dust particles are generated during operation.
- Do not over-reach or allow yourself to become unstable during tool operation and always maintain a correct posture.
- Use clamps or a vise to secure the work piece tightly and eliminate vibration. Never hold the work piece with your hands, keep both hands on the tool for increased productivity.
- Use the right tool or machine that can complete the job within its specifications. Do not attempt to adapt smaller machines or tools to complete a job designed for heavy-duty equipment. Do not use the tools for other than what they were designed for. There is a right tool for each job, be aware of tool limitations and never overload.
- Make sure to inspect all external screws, nuts, bolts and attached accessories are fastened tightly and secure prior to each use. All moving parts should be free from obstruction and allowed to operate smoothly. Any damaged or missing parts should be repaired or replaced by the sales agent or distributor from which the tool was originally purchased. Do not use machines or tools which cannot be activated or stopped with a power switch or lever.
- Do not use any machine with a damaged, frayed, cut, or deteriorated power cords or air hoses. Always replace at the first sign of damage.
- Always remove all tools required to adjust, add, or remove parts from tools prior to use to prevent tool damage or user injury.
- Always avoid an unexpected start by having all power buttons or levers in the off position prior to attaching to a power or air supply. Never carry tools with your finger on the on/off switch or lever when the power or air supply is attached.
- Do not use the power or air supply lines to move, carry or support the tool during usage or transportation. Do not place the power or air line near a heat source, oil, water, or items with sharp edges.
- Never leave a machine or tool running unattended. Keep a firm grip on the designated areas of the machine or tool until it comes to a complete stop. Always turn the power switch or lever to the off position and disconnect from the power source when not in use.
- Do not disassemble or modify a tool to complete a job other than what it was designed for. This will void any warranty on the equipment and may cause serious personal injury or possible death.
- Maintenance is necessary for all machines and tools. Always maintain blades and cutters properly and replace when edges become damaged or are not sharp enough for safe operation. Follow the instruction manual for lubrication needs and adjustment points if applicable. Check the power and air supply lines periodically and change accordingly to safety regulations. If an extension line is adopted, always make sure that it meets or exceeds tool requirements for amperage or air supply before using and is rated for outdoor usage. Change supply lines whenever they are found to be defective or damaged. Keep the grip and handles dry and clean of grease or oil so that it will not disturb proper operation.
- Switch off and disconnect from power source before servicing equipment or changing accessories.
- Be alert and pay close attention to the work being performed at all times. Do not operate machines or tools when heavily fatigued. Users should be aware of all circumstances surrounding their application.
- Use only recommended parts and accessories as per individual machine or tool operator manuals. Use of improper accessories or attachments may result in serious injury or possible death.
- All repairs and services must be performed by authorized Nitto Kohki dealers or technicians.
- Do not deface or remove any label, warning indicator, or nameplate associated with each machine or tool.

Notice for Electric Tools

- The power source must be limited to the individual tools specifications as stated on the nameplate or instruction manual.
- Make sure that all machine and power tools are properly grounded at all times (excludes double-insulated tools). Always use a GFCI (Ground-Fault-Circuit-Interrupt) to protect the user and surrounding persons from electric shock.
- Be aware of low voltage situations. Improperly gauged extension cords or power cords used or shared with other electrical devices will cause all tools on the line to not run at optimal performance. This condition may result in damage to the machine and/or operator.

Notice for Air Tools

- Air pressure at the inlet of the tool must not exceed 0.6 MPa (6 kgf/cm^2).

Index

	Model		Prod. No.	Description	Page
A	A-300		090600001	AUTO CHISEL	33
	ACH-16		091800001	AIR CHIPPER	32
	ADR-100		160700020	AIR DRILL	49
	ADR-65		160700030	AIR DRILL	49
	AJC-16		061100001	JET CHISEL	35
	AL-55A		184500001	AIR SONIC	46
	AMB-0307		135400001	MINI BEVELER	29
	AMBL-0307		135600001	MINI BEVELER	29
	AO-5575A	220 - 240 V	016815001	ATRA ACE	13
	APS-125	NVL5H	074903001	PALM ORBITAL SANDER	45
	APS-125	NVV5H	074900001	PALM ORBITAL SANDER	45
	APS-150	NVV6H	075000001	PALM ORBITAL SANDER	45
	ARA-100A	220 - 240 V	016810401	ATRA ACE	5
	ASH-900		111400001	SUPER HAND	47
B	B-10CL		101850001	BELTON	39
	B-20CL		101860001	BELTON	39
	B-20CL-A		101900001	BELTON	39
	B-30CL		101870001	BELTON	39
	BB-10B	Lever	101910001	BABY BELTON	41
	BB-10B	Ring	101910010	BABY BELTON	41
	BB-20		101700012	BABY BELTON	41
	BC-005		136505101	BURR CUTTER	48
	BHM-02035		TB00390	BROACH HOLDER	18
	BHM-03050		TB00392	BROACH HOLDER	18
	BHM-13075		TB00352	BROACH HOLDER	18
	BHM-14075		TB00354	BROACH HOLDER	18
C	CB-01		136503001	CIRCUIT BEVELER	29
	CB-02		135200001	CIRCUIT BEVELER	30
	CBR-03		136502000	CIRCUIT BEVELER	30
	CH-24		091500001	AIR CHIPPER	32
	CLA-2720	220 - 240 V	016811401	ATRA ACE	7
	CMX-20		075608001	COMPACT MULTI SANDER	43
E	E25-0615	220 - 240 V	155500401	HANDY SELFER	21
	E55-0619	110 - 120 V	155300101	HANDY SELFER	21
	E55-0619	220 - 240 V	155300501	HANDY SELFER	21
	ECB-0203	220 - 240 V	135800300	CIRCUIT BEVELER	28
	EJC-32A	110 - 120 V	065200101	JET CHISEL	36
	EJC-32A	220 - 240 V	065200301	JET CHISEL	36
	EMB-0307C	110 - 120 V	136002400	MINI BEVELER	27
	EMB-0307C	220 - 240 V	136020300	MINI BEVELER	27
F	FS-100C		080900001	FREE SANDER	44
	FS-50A		080600001	FREE SANDER	44
H	HA06-1322		155700001	SELFER	20
	HA07-1624		155800001	SELFER	20
	HA11-1624		155900001	SELFER	20
	HB-15B	110 - 120 V	131000102	HAND BEVELER	27
	HB-15B	220 - 240 V	131000201	HAND BEVELER	27
	HPD-05	115 V	152500601	PUMP	19
	HPD-05	230 V	152500401	PUMP	19
	HPD-05 CE	115 V	152500602	PUMP	19
	HPD-05 CE	230 V	152500402	PUMP	19
	HS06-1322		152100001	SELFER ACE	19
	HS06-1322 CE		152100003	SELFER ACE	19
	HS07-1624		152200001	SELFER ACE	19
	HS07-1624 CE		152200003	SELFER ACE	19
	HS11-1624		152300001	SELFER ACE	19
	HS11-1624 CE		152300003	SELFER ACE	19
	HW-0		169000171	HOSE REEL BALANCER	50
	HW-3		169000181	HOSE REEL BALANCER	50
	HW-5		169000191	HOSE REEL BALANCER	50

	Model		Prod. No.	Description	Page
J	JC-16		060100001	JET CHISEL	35
	JEX-20		060900001	JET CHISEL	35
	JEX-24		060300001	JET CHISEL	35
	JEX-28		060500001	JET CHISEL	35
	JEX-2800A		060500100	JET CHISEL	35
	JT-16		061200001	JET CHISEL	35
	JT-20		061000001	JET CHISEL	35
L	L-25B		180800001	AIR SONIC	46
	L-35C		184100001	AIR SONIC	46
	LO-3550	220 - 240 V	018000401	ATRA ACE	9
	LS-10		170300001	LINE SANDER	44
M	MG-40	Lever	075619001	MYTON	37
	MG-40	Ring	075619092	MYTON	37
	MAH-05		111000001	MICRO AIR HAND	48
	MAH-16		111100001	MICRO AIR HAND	48
	MB-03A	110 V	130500100	MINI BEVELER	28
	MB-03A	230 V	130500201	MINI BEVELER	28
	MYG-25		075615001	MYTON	37
	MYG-40		075613001	MYTON	37
	MYG-50		075621008	MYTON	37
	MYG-70	Lever	075612092	MYTON	37
	MYG-70	Ring	075612001	MYTON	37
	MYS-20		075610001	MYTON	38
	MYS-40		075611001	MYTON	38
	MYS-70	Japanese	075618000	MYTON	38
O	OSV-60A		074400001	ORBITAL SANDER	45
Q	QA-4000	110 - 120 V	015700101	ATRA ACE	15
	QA-4000	220 - 240 V	015700401	ATRA ACE	15
	QA-6500	220 - 240 V	015800401	ATRA ACE	15
R	RW-0		169000141	RETRACTOR	50
	RW-3		169000151	RETRACTOR	50
	RW-5		169000161	RETRACTOR	50
S	S-1000		090300000	SUPER KELEN	34
	S-250		090100000	SUPER KELEN	34
	S-500		090200000	SUPER KELEN	34
	SC-05	115 V	151000601	PUMP	20
	SC-05	230 V	151000401	PUMP	20
	SH-100A		110500001	SUPER HAND	47
	SHL-40		111500001	SUPER HAND LIGHT	47
	SSW-110		110800101	SUPER SAW	49
T	TW-0		169000021	SPRING BALANCER	50
	TW-00		169000011	SPRING BALANCER	50
	TW-06R		169002101	RECTRACTOR	50
	TW-1R		169000131	RECTRACTOR	50
	TW-3		169000031	SPRING BALANCER	50
	TW-5		169000041	SPRING BALANCER	50
	TW-9		169000051	SPRING BALANCER	50
	TW-15		169000061	SPRING BALANCER	50
	TW-22		169000071	SPRING BALANCER	50
	TW-30		169000081	SPRING BALANCER	50
	TW-40		169000091	SPRING BALANCER	50
	TW-50		169000101	SPRING BALANCER	50
	TW-60		169000111	SPRING BALANCER	50
	TW-70		169000121	SPRING BALANCER	50
W	WA-3500	110 - 120 V	017400111	ATRA ACE	11
	WA-3500	220 - 240 V	017400301	ATRA ACE	11
	WA-5000	110 - 120 V	018100102	ATRA ACE	11
	WA-5000	220 - 240 V	018100301	ATRA ACE	11
	WOJ-3200	110 - 120 V	016600101	ATRA ACE	13
	WOJ-3200	220 - 240 V	016600300	ATRA ACE	13

Power Tools & Machine Tools

Japanese
www.nitto-kohki.co.jp/network/jp/

Vietnam
www.nitto-kohki.co.jp/network/vi/

English
www.nitto-kohki.co.jp/network/

Indonesia
www.nitto-kohki.co.jp/network/id/

Thai
www.nitto-kohki.co.jp/network/th/

Espanyol
www.nitto-kohki.co.jp/network/es/

YouTube
www.youtube.com/c/NittoKohkiGLOBAL

eCatalog
www.nitto-kohki.co.jp/e/prd/d_cat/

NITTO KOHKI CO., LTD.

Head Office

9-4, Nakaikegami 2-chome, Ohta-ku, Tokyo 146-8555, Japan
Tel : +81-3-3755-1111 Fax : +81-3-3753-8791 E-mail : overseas@nitto-kohki.co.jp
Web **www.nitto-kohki.co.jp/e/**

ISO9001
JQA-2025
ISO14001
JQA-EM4057
H.Q./R&D Lab

Overseas Affiliates / Offices

NITTO KOHKI U.S.A., INC.
46 Chancellor Drive, Roselle, Illinois 60172, U.S.A.
For Tool
Tel : +1-630-924-9393 Fax : +1-630-924-0303
For CUPLA
Tel : +1-630-924-5959 Fax : +1-630-924-1174
For Pump
Tel : +1-630-924-8811 Fax : +1-630-924-0808
www.nittokohki.com/

NITTO KOHKI EUROPE GMBH
Gottlieb-Daimler-Str. 10, 71144 Steinenbronn, Germany
Tel : +49-7157-989555-0 Fax : +49-7157-989555-40
www.nitto-kohki.eu/

NITTO KOHKI EUROPE GMBH UK Branch
Unit A5, Langham Park Industrial Estate, Maple Road,
Castle Donington, Derbyshire DE74 2UT, United Kingdom
Tel : +44-1332-653800 Fax : +44-1332-987273
www.nitto-kohki.eu/

NITTO KOHKI CO., LTD. Bangkok Representative Office
2 Jasmine Building, 22nd Floor, Soi Prasarnmitr(Sukhumvit23),
Sukhumvit Road, North Klongtoey, Wattana, Bangkok 10110, Thailand
Tel : +66-2612-7388
Thai www.nitto-kohki.co.jp/network/th/
Vietnamese www.nitto-kohki.co.jp/network/vi/

NITTO KOHKI CO., LTD. India Liaison Office
3rd Floor, Building No.9-A DLF Cyber City, Phase-III,
Gurgaon, Haryana 122002, India
Tel : +91-124-454-5031 Fax : +65-6227-0192
www.nitto-kohki.co.jp/network/

NITTO KOHKI CO., LTD. Singapore Branch
18, Kaki Bukit Road 3, #02-12, Entrepreneur Business Centre, Singapore 415978
Tel : +65-6227-5360 Fax : +65-6227-0192
www.nitto-kohki.co.jp/network/

NITTO KOHKI CO., LTD. Indonesia Representative Office
Centennial Tower 35th Floor Jl. Jend. Gatot Subroto Kav. 24-25,
Jakarta 12930, Indonesia
Tel : +62-21-2953-9500
www.nitto-kohki.co.jp/network/id/

NITTO KOHKI AUSTRALIA PTY LTD
77 Brandl Street, Eight Mile Plains, Queensland 4113, Australia
Tel : +61-7-3340-4600 Fax : +61-73340-4640
www.nitto-australia.com.au/

NITTO KOHKI (SHANGHAI) CO., LTD.
Room1506, Suite C, Orient International Plaza,
No.85 Loushanguan Road, Shanghai 200336, China
Tel : +86-21-6415-3935 Fax : +86-21-6472-6957
www.nitto-kohki.cn/

NITTO KOHKI (SHANGHAI) CO., LTD. Shenzhen Branch
2005C Shenzhen ICC Tower, Fuhuasanlu 168,
Futian District, Shenzhen, Guangdong 518048, China
Tel : +86-755-8375-2185 Fax : +86-755-8375-2187
www.nitto-kohki.cn/

DISTRIBUTED BY

Specifications and designs are subject to change at any time without notice.