



Cool Dambo



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Air Blowing Device



G Dambo



Drip-feed Lubrication Device



Snake Jet



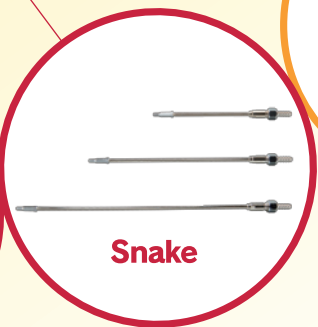
Flexible Nozzle



Oil Snake



Dambo Nozzle



Snake

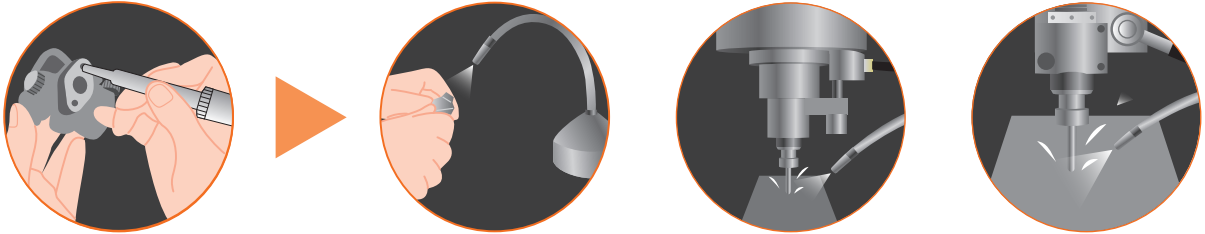
# FLEXIBLE NOZZLE CATALOG

# Flexible Nozzle Series

## Air Blowing Devices

- Cool Dambo P3** (with a magnetic base)
- G Dambo P4** (with a vise)
- Snake Jet P7** (with a magnetic fixture)

**Hands-free design boosts work efficiency.**



## Drip-feed Lubrication Device

- Oil Snake P6** (with a magnetic fixture)  
Drips lubricants by gravity.

## Flexible Nozzles

- Dambo Nozzle P5** (flexible iron nozzle)
- Snake P7** (flexible copper nozzle)

The spray angle can be freely selected and even at a high pressure, spray direction is stable, without deviation.

# Cool Dambo

Simple, magnetic attachment

## ■Cool Dambo (1 nozzle type)

Model

SR1-40 (Round pattern) SHA1-40 (Flat pattern)

- Two types of air blow pattern: round and flat.
- Flow rate can be adjusted by rotating the cap.

**Dambo Nozzle**

R-40 (round pattern)  
HA-40 (flat pattern)

- Can provide strong air pressure of up to 0.7 MPa steadily while maintaining its position.
- minimum bend radius R = 40 mm

**Ball valve**

R1/4"×G1/4" male

**Magnetic base**

17393

- Adhesive force 25 kgf

Connection G1/4"

**Hose joint**

φ9 mm (for φ6.5 mm (inner diameter) hose)

Product Number

Cool Dambo

Pattern No. of lines Length  
**S** **R** **1** - **40**

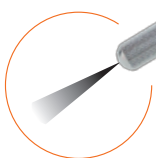
R ▶ Round pattern  
HA ▶ Flat pattern

1 ▶ 1 line 3 ▶ 3 lines  
2 ▶ 2 lines 4 ▶ 4 lines

30 ▶ 30 cm 40 ▶ 40 cm 50 ▶ 50 cm

SR type  
(round pattern)

SHA type  
(flat pattern)



Nozzle size φ3 mm

Nozzle size φ3 mm×1.0-mm slit

The caps are compatible with each other.

### ■Cool Dambo 2 lines



Model

SR2-40 (round pattern)  
SHA2-40 (flat pattern)

### ■Cool Dambo 3 lines



Model

SR3-40 (round pattern)  
SHA3-40 (flat pattern)

### ■Cool Dambo 4 lines



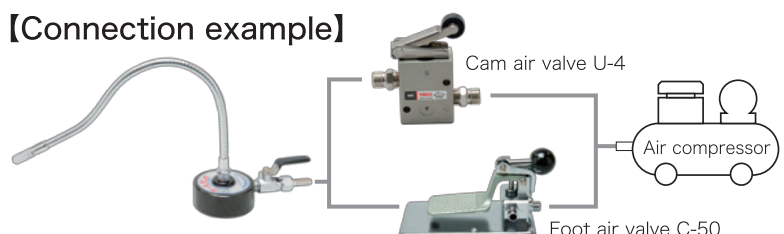
Model

SR4-40 (round pattern)  
SHA4-40 (flat pattern)

### 【Applications】

- Cooling blades or mold
- Swarf removal from collet chucks or jigs
- Chip removal from metal cuttings
- Drying

### 【Connection example】



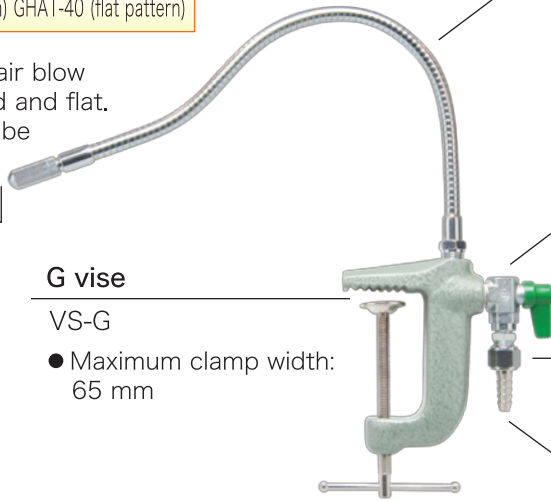
# G Dambo

Stable, vibration-resistant vise type

## G Dambo 1 line

Model
GR1-40 (round pattern) GHA1-40 (flat pattern)

- Two types of air blow pattern: round and flat.
- Flow rate can be adjusted by rotating the cap.



### Dambo Nozzle

R-40 (round pattern)  
HA-40 (flat pattern)

- Can provide strong air pressure of up to 0.7 MPa steadily while maintaining its position.
- Minimum bend radius  
R = 40 mm

### Ball valve

R1/8"×G1/4" male

Connection  
G1/4"

### Hose joint

φ9 mm (for φ6.5 mm (inner diameter) hose)

### G Dambo 2 lines



Model
GR2-40 (round pattern) GHA2-40 (flat pattern)

### G Dambo 3 lines

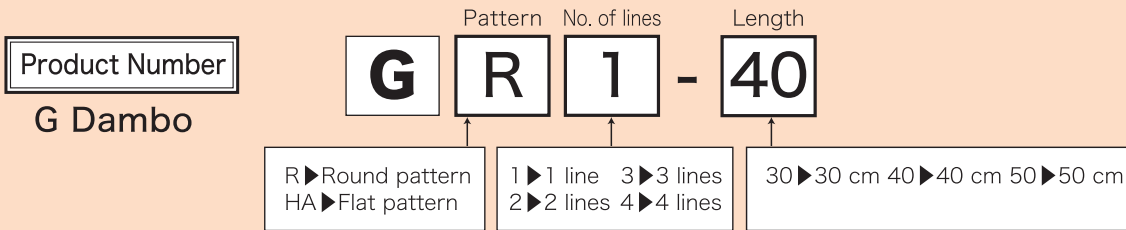


Model
GR3-40 (round pattern) GHA3-40 (flat pattern)

### G Dambo 4 lines

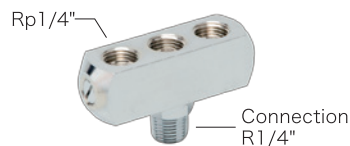


Model
GR4-40 (round pattern) GHA4-40 (flat pattern)



## Accessories for Dambo

### Attachment for Dambo Nozzles



Specification	Code
2-line type	17394
3-line type	17395
4-line type	17396

\*Use only for the Cool Dambo or G Dambo (different to the type for the Snake).

### Caps for Dambo Nozzle



Specification	Code
Round pattern (for both air and liquid)	R 17390
Flat pattern (for use with air)	HA 17391
Flat pattern (for use with liquid)	HL 17392

\*The three caps are compatible with each other.

### Magnetic base for Cool Dambo



Code	17393
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Diameter φ70 mm, Height 31mm  
Adhesive force 25 kgf (connection G1/4")  
with ball valve G1/4" male, hose joint G1/4" female

### G vise



Model	VS-G
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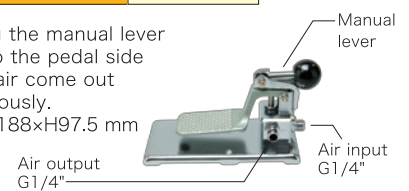
Use only for the G Dambo.  
Connection G1/4" male  
with ball valve G1/4" male, hose joint  
G1/4" female

## Common accessories

### Foot air valve C-50 (2-port type)

Model	C-50
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Pushing the manual lever down to the pedal side makes air come out continuously.  
W90×D188×H97.5 mm



### Cam air valve U-4 (3-port type)

Model	U-4
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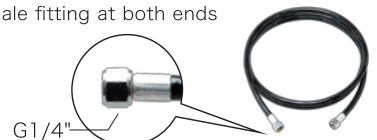
While the upper roller is pushed, air comes out.  
W40×D25×H84 mm



### 1/8-inch air hose with G1/4" joints

Code	14053
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1/8-inch air hose 2 meter,  
G1/4" female fitting at both ends



# Dambo Nozzle

Flexible nozzles for Cool Dambo and G Dambo

- Three types of cap: round pattern and flat pattern (for use with air and with liquid)
- Flow rate can be adjusted by rotating the cap.



- Can provide strong air pressure of up to 0.7 MPa steadily while maintaining its position.
- Minimum bend radius R = 40 mm



Connection R1/4"

**Useful as liquid nozzle as well as an air blow nozzle.**

	Round pattern (for both air and liquid)			Flat pattern (for use with air)			Flat pattern (for use with liquid)		
									
<b>Model</b>	R-30	R-40	R-50	HA-30	HA-40	HA-50	HL-30	HL-40	HL-50
<b>Nozzle</b>	φ3 mm			φ3 mm with 1.0-mm slit			φ3 mm with concave cut		
<b>Length</b>	30 cm	40 cm	50 cm	30 cm	40 cm	50 cm	30 cm	40 cm	50 cm
<b>Air flow rate</b>	180 L/min			170 L/min			N/A		
<b>Liquid flow rate</b>	2.1 L/min			N/A			1.8 L/min		

\*The flow rate data are collected at 0.4 MPa air pressure and 0.1 MPa liquid pressure, using water.  
\*The three caps are compatible with each other.

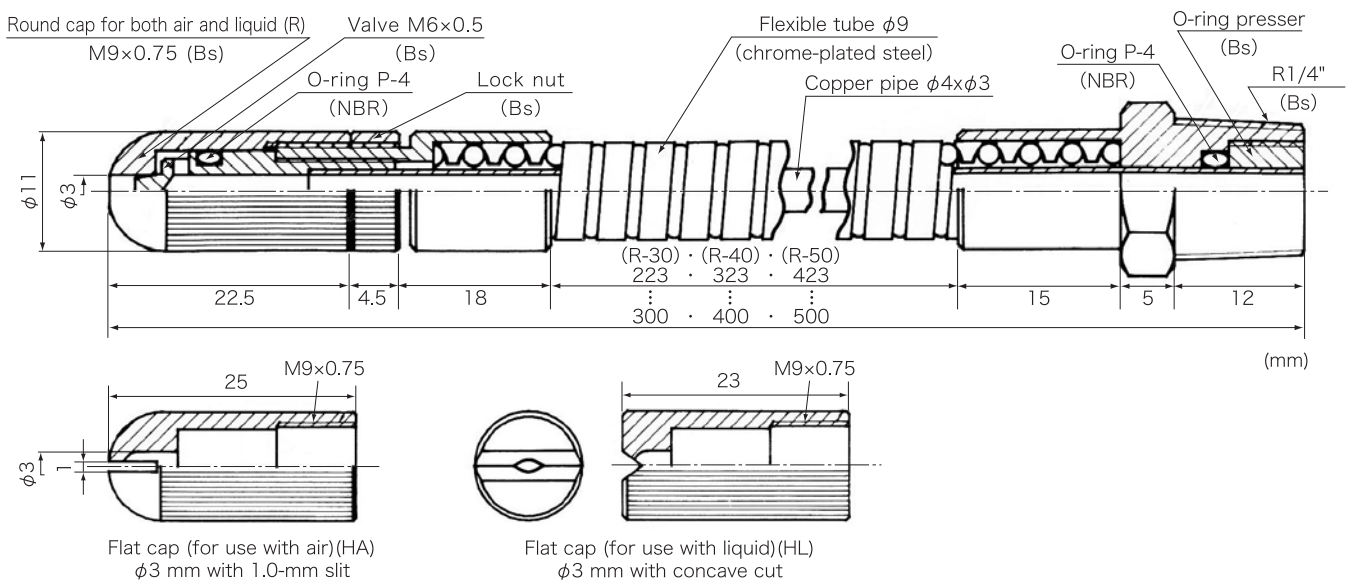
**Product Number**  
**Dambo Nozzle**

Pattern: **R** - Length: **40**

R ▶ Round pattern (for both air and liquid)  
HA ▶ Flat pattern (for use with air)  
HL ▶ Flat pattern (for use with liquid)

30 ▶ 30 cm 40 ▶ 40 cm 50 ▶ 50 cm

## ■ Dimensions Dambo Nozzle



# Oil Snake

Non-mist drip feed lubrication system

## Oil Snake 1 line

Model
SN1-M-23

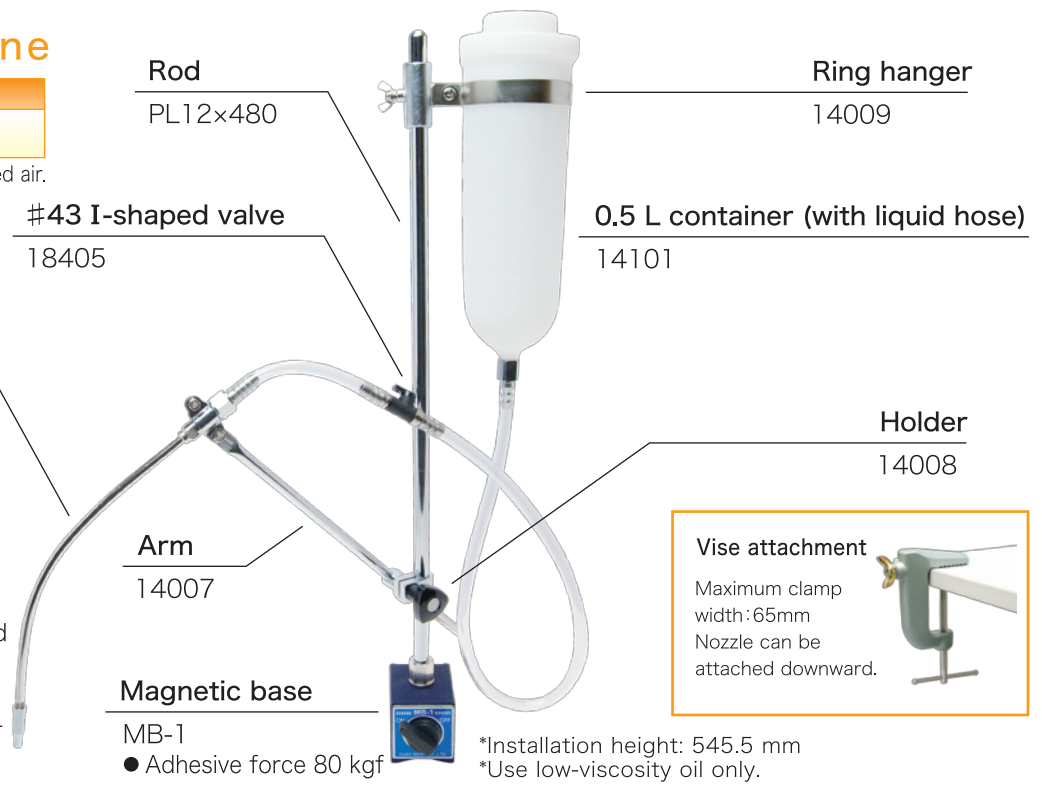
\*Oil Snake do not require compressed air.

### Snake

K-23

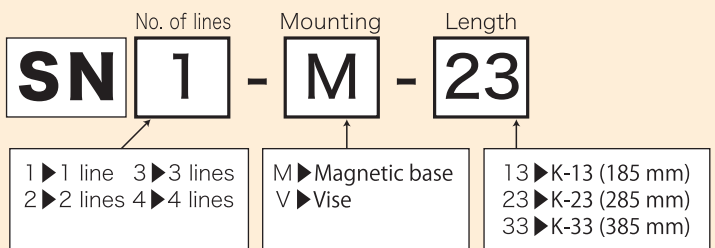
- Made of flexible copper. Can bend to meet the required angle.
- Minimum bend radius R = 40 mm

- Flow rate can be adjusted by rotating the cap.



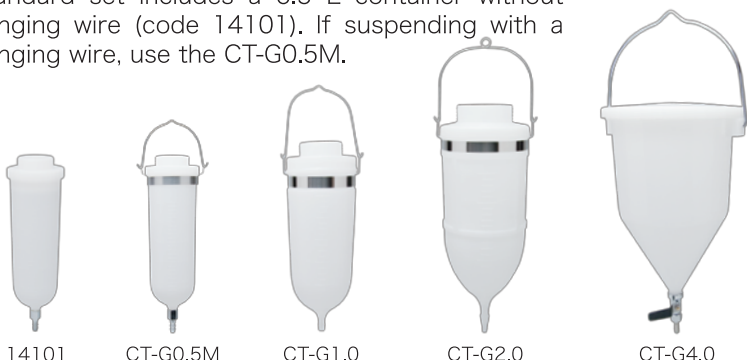
\*Installation height: 545.5 mm  
\*Use low-viscosity oil only.

Product Number  
Oil Snake



## Hanging Container

Standard set includes a 0.5 L container without hanging wire (code 14101). If suspending with a hanging wire, use the CT-G0.5M.



\*#43 I-shaped valve is sold separately. Only the CT-G4.0 includes a #42 ball valve.

## Hanging Containers List

Model	Size (L)	Diameter (mm)	Body length (mm)	Total length (mm)	Mounting	Specifications
14101	0.5	φ70	270	270	Without hanging wire	Made of polyethylene, including polyvinyl chloride hose (φ 7 mm×φ 10 mm) 2 m and strainer.
CT-G0.5M	0.5	φ70	270	320	With a hanging wire	
CT-G1.0	1.0	φ94	280	360	With a hanging wire	
CT-G2.0	2.0	φ126	370	460		
CT-G4.0	4.0	φ170	300	480		

### Oil Snake 2 lines

Model  
SN2-M-23

### Oil Snake 3 lines

Model  
SN3-M-23

Note: there are no ring hangers for containers over 1 L. Please suspend the container from a high position using the included fitting.

### Oil Snake 4 lines

Model  
SN4-M-23

# Snake Jet

Air blower with magnetic stand

## Snake Jet 1 line

Model
SJ1-CM-23

### Snake

K-23

- Made of flexible copper. Can bend to meet the required angle.
- Minimum bend radius R = 40 mm

- Flow rate can be adjusted by rotating the cap.

### Foot air valve

C-50

Rod  
PL12×480

Arm  
14007  
Holder  
14008

Air hose with G1/4" female joints at both ends 2 m

14053

### Magnetic base

MB-1  
● Adhesive force 80 kgf

### Snake Jet 2 lines



Model

SJ2-CM-23

### Snake Jet 3 lines



Model

SJ3-CM-23

### Snake Jet 4 lines



Model

SJ4-CM-23

\*Installation height: 545.5 mm

Product Number Snake Jet

No. of lines Air valve Mounting Length

**SJ 1 - C M - 23**

1 ▶ 1 line 2 ▶ 2 lines 3 ▶ 3 lines 4 ▶ 4 lines	C ▶ C-50 U ▶ U-4 X ▶ without air valve	M ▶ Magnetic base V ▶ Vise	13 ▶ K-13 (185 mm) 23 ▶ K-23 (285 mm) 33 ▶ K-33 (385 mm)
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# Snake

Flexible copper nozzles for Oil Snake and Snake Jet

- Flow rate can be adjusted by rotating the cap.

- Can bend to meet the required angle.
- Minimum bend radius R = 40 mm

### Fan Nozzle Attachment (14001)

It is used by placing it over a standard cap.

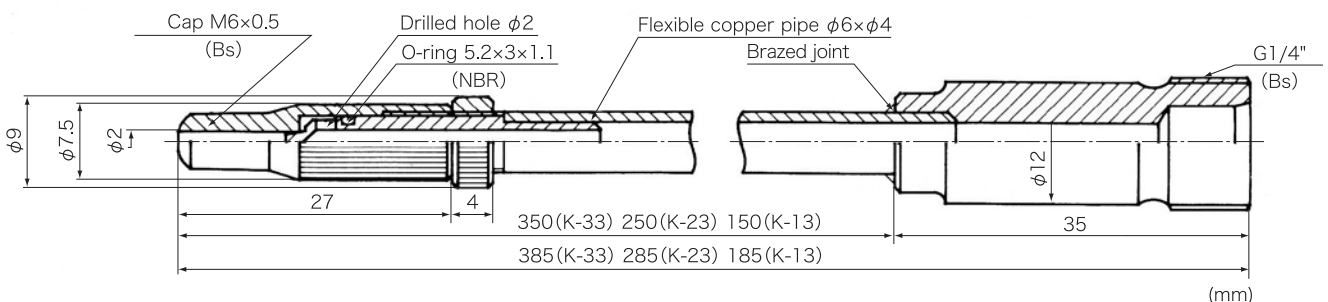


### Hose joint

G1/4" female × φ9 mm (for φ6.5 mm (inner diameter) hose)

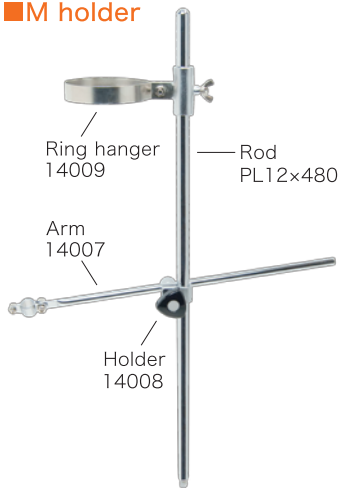
Model	K-13	K-23	K-33
Length	185 mm	285 mm	385 mm
Air flow rate	100 L/min (at 0.4 MPa)		

### Dimensions Snake



## Accessories for Snake

### M holder



Code 14002

### Ring hanger



Code 14009

For use only with the 0.5-L container.

### No.43 I-shaped valve



Code 18405

φ9 mm×φ9 mm  
(for hoses φ6.5-7 mm (inner diameter))

### Nozzle attachment for Snakes



Specifications	Code
2-line type	16900
3-line type	16901
4-line type	16902

\*Different to type for the Dambo nozzle.

### Fan nozzle attachment



Code 14001

Enables to spread an air pattern. It is used by placing it over a snake's cap. For use only with the Snake Jet.

### Magnetic base MB-1



Model MB-1

W50×D81×H76.5 mm  
(Connection: M8×1.25 mm internal)

### Vise VS-1



Model VS-1

Maximum clamp width: 65 mm

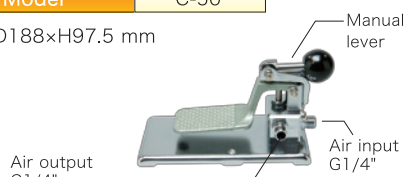
Product	Code	Specifications
Rod	PL12×480	φ12 mm ×480 mm, connection: M8×1.25
Arm (1-line type)	14007	φ8 mm, fixing a 1 line snake
Arm (2- to 4-line type)	16903	φ8 mm, fixing a nozzle attachment
Holder	14008	φ8 mm×φ12 mm, fixing arm to rod

## Common accessories

### Foot air valve C-50 (2-port type)

Model C-50

W90×D188×H97.5 mm



### Cam air valve U-4 (3-port type)

Model U-4

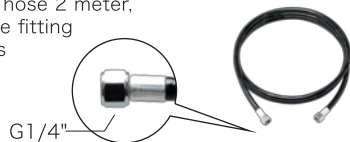
While the upper roller is pushed, air comes out.  
W40×D25×H84 mm



### Air hose with G1/4" female joints at both ends

Code 14053

1/8-inch air hose 2 meter,  
G1/4" female fitting at both ends



## Mist lubrication for cutting Magic Cut e-mist



The Magic Cut is a cutting fluid and coolant delivery device for cooling, lubricating, and chip removal. It is a long-time bestseller that has undergone various model revisions to support Japanese manufacturing since its release in 1965.

## TAP TOUCH

## New standard: fast, convenient, and dirt-free Tap Touch Automatic tapping lubricator



The Tap Touch is a gravity-fed automatic tap lubricator. Controlled by a control box, lubricant flows from the tip of the needle-shaped nozzle. Operators are freed from lubricating the tap manually with a brush, greatly improving productivity.

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