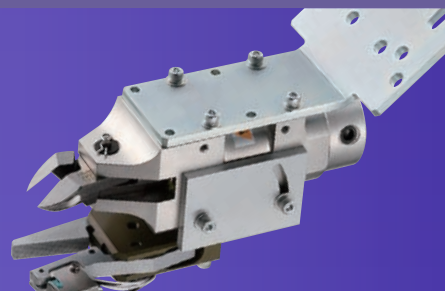


Cut



Air Nipper (Small · Medium) 4-2

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Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (QM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small · Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

Frame / Suction / Resin Cylinder / Pads / Resin Manifolds

By Industry

Logistics · Packaging · Steel Works · Clamping · Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information



Air Nipper (Small-Medium)

► How to select nipper

The air nipper is selected by material and cut diameter (cut area: mm²) of gate.

1. Check the material of cut gate and sprue.

soft resin

PVC (Poly vinyl chloride), PEs(polyester),
PE (polyethylene), PS (polystyrene), etc

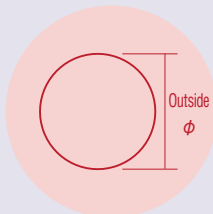
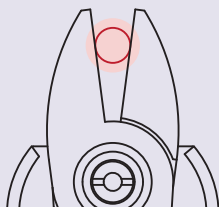
Hard resin

PP (polypropylene), PMMA (acrylic),
PC (polycarbonate), ABS, Nylon,
POM (polyacetal), glass fiber resin, etc

* Cannot be used with copper/iron wire.

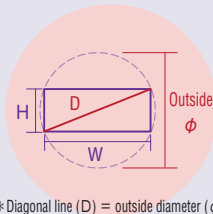
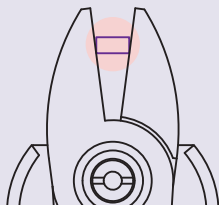
2. Check cut diameter (cut area).

■ To cut round gate



Select the nipper referring to the
specification table (right):
**Approximate cutting section diameter (ϕ) >
outside diameter of gate.**

■ To cut square gate

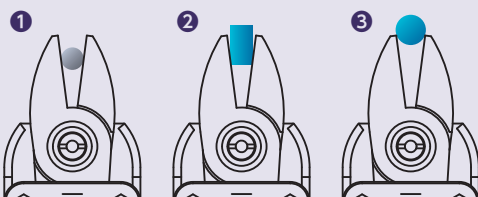


* Diagonal line (D) = outside diameter (ϕ)

Select the nipper referring to the
specification table (right):
**Approximate cutting section diameter (ϕ) >
Gate maximum width (D).**

* Cutting guide: (mm²) > H × W

■ Gate cutting is impossible when:



- ① Gate is not made of resin.
- ② Gate (H) is longer than blade.
- ③ Gate (H) is greater than blade opening.

When gate made of hard resin is cut:

- Cutting capacity will decrease by 35%.
- Select the blade with brazed cemented carbide tip.

● Product temperature when the product is cut may influence the finishing state. ● Cutting guide value is for reference.



Please refer to the website for performance table.

- ▶ Pull push operation (a blade slides to a work surface to ensure the beautiful cut surface).
- ▶ Compatible with a variety of cuts to suit a variety of different applications.



Standard blade



Thin blade



Reverse blade



Standard long blade



Reversed long blade



Clip Type Blade

仕 様

Product name	Shape of blade	Order code No.	TYPE	Operation	*Used air pressure (Mpa)	Withstand pressure (Mpa)	Cutting capacity		blade section Max opening width of blade(mm)	Weight (g)	Page			
							Soft resin (mm)	Hard resin (mm)						
Air Nipper NW Series		Standard blade	131626	NW3-10	Pull (Max.2mm)	0.4 (4kgf/cm²) } 0.5 (5kgf/cm²)	0.7 (7kgf/cm²)	φ 1.7 (2.26mm²)	φ 1.1 (0.95mm²)	3	110	4-4		
		Thin blade	131627	NW3-101										
		Reverse blade	131628	NW3-10R									Push (Max.2mm)	
		Standard blade	131629	NW3-20	Pull (Max.3mm)			φ 2.8 (6.15mm²)	φ 1.8 (2.54mm²)	6	222	224	221	4-5
		Standard blade	131724	NW3-20-BAST (W/ blade open adjust mechanism)										
		Thin blade	131630	NW3-201										
		Reverse blade	131631	NW3-20R	Push (Max.3mm)			φ 2.0 (3.14mm²)	φ 1.3 (1.32mm²)	6.5	222	224	235	4-6
		Reverse blade	131725	NW3-20R-BAST (W/ blade open adjust mechanism)										
		Standard long blade	131632	NW3-20-V001S	Pull (Max.3mm)			7	237	305	306	305	309	4-7
		Reversed long blade	131633	NW3-20R-V001S	Push (Max.3mm)									
		Clip Type Blade	131634	NW3-20-01C	Pull (Max.3mm)			φ 3.5 (9.61mm²)	φ 2.2 (3.80mm²)	9	322	325	743	4-8
		Standard blade	131643	NW3-35										
		Standard blade	131722	NW3-35-BAST (W/ blade open adjust mechanism)										
		Reverse blade	131644	NW3-35R	Push (Max.3mm)			φ 3.0 (7.06mm²)	φ 1.9 (2.83mm²)	10	745			
		Reverse blade	131723	NW3-35R-BAST (W/ blade open adjust mechanism)										
		Standard long blade	131645	NW3-35-V001S	Pull (Max.3mm)			φ 5.0 (19.62mm²)	φ 3.2 (8.03mm²)	15	743	745		
		Reversed long blade	131646	NW3-35R-V001S	Push (Max.3mm)									
		Clip Type Blade	131647	NW3-35-01C	Pull (Max.3mm)									
	Standard blade	131771	NW1-50	Pull (Max.5mm)										
	Reverse blade	131772	NW1-50R	Push (Max.5mm)										

*Reference value Changed according to the use conditions.

Quick Chuck Change

Quick Chuck Change Manual
Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

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Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

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Lightweight Parts Series

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By Industry

Logistics-Palletizing / Sheet Metal-Stamping / Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information

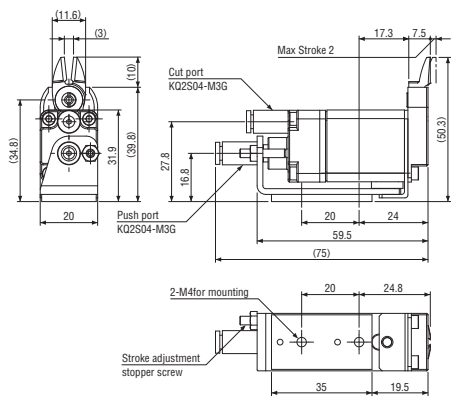


Cut ● Air Nipper (Small • Medium)



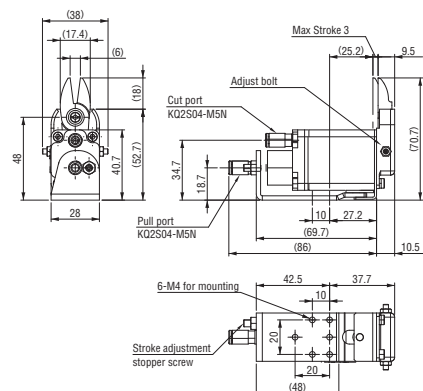
Reverse blade

- Weight : 110g
- Operation : Push
- Cutting capacity : Soft resin $\phi 1.7$
: Hard resin $\phi 1.1$



Standard blade (W/blade open adjust mechanism)

- Weight : 224g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 2.8$
: Hard resin $\phi 1.8$

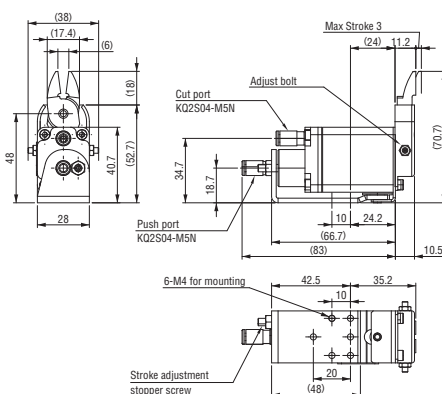




Order code No.	131631
TYPE	NW3-20R

- | | |
|----------------|--------------|
| Order code No. | 131725 |
| TYPE | NW3-20R-BAST |

-

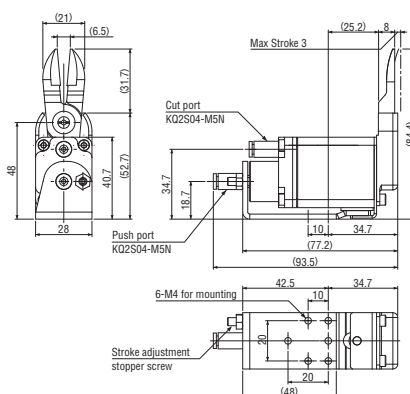


Order code No.	131632
TYPE	NW3-20-V001S

-

Order code No.	131633
TYPE	NW3-20R-V001S

-
- Technical drawing of the KQ2504-M5N solenoid valve, showing three views: front, side, and top.
- Front View Dimensions:**
- Overall height: 48
 - Overall width: 28
 - Mounting hole spacing (center-to-center): 40.7
 - Top flange width: 21
 - Top flange thickness: 6.5
 - Mounting hole diameter: 4.7
- Side View Dimensions:**
- Overall height: 317.7
 - Top flange thickness: 9.5
 - Body length: 37.7
 - Mounting hole offset from body center: 10
 - Mounting hole diameter: 4.7
 - Stroke adjustment stopper screw hole diameter: 4.7
 - Stroke adjustment stopper screw hole offset from body center: 10
 - Stroke adjustment stopper screw hole diameter: 4.7
 - Stroke adjustment stopper screw hole offset from body center: 10
 - Stroke adjustment stopper screw hole diameter: 4.7
 - Stroke adjustment stopper screw hole offset from body center: 10
 - Stroke adjustment stopper screw hole diameter: 4.7
 - Stroke adjustment stopper screw hole offset from body center: 10
- Top View Dimensions:**
- Overall width: 42.5
 - Overall length: 37.7
 - Mounting hole spacing (center-to-center): 20
 - Mounting hole diameter: 4.7
 - Stroke adjustment stopper screw hole diameter: 4.7
 - Stroke adjustment stopper screw hole offset from body center: 10
 - Stroke adjustment stopper screw hole diameter: 4.7
 - Stroke adjustment stopper screw hole offset from body center: 10
 - Stroke adjustment stopper screw hole diameter: 4.7
 - Stroke adjustment stopper screw hole offset from body center: 10
- Labels:**
- Cut port KQ2504-M5N
 - Pull port KQ2504-M5N
 - Max Stroke 3
 - 6-M4 for mounting
 - Stroke adjustment stopper screw



4-5

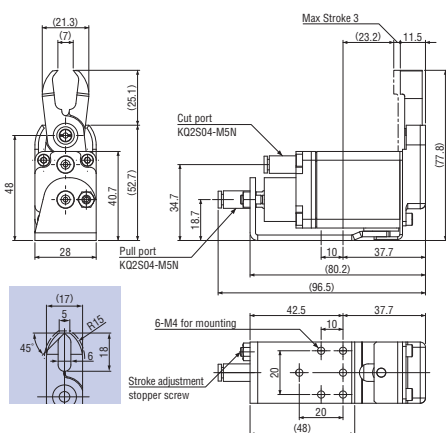
Air Nipper(Small • Medium) NW Series



Clip Type Blade

Order code No.	131634
TYPE	NW3-20-01C

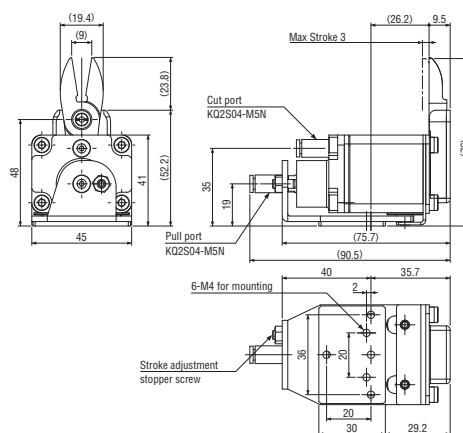
- Weight : 237g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 2.0$
: Hard resin $\phi 1.3$



Standard blade

Order code No.	131643
TYPE	NW3-35

- Weight : 305g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 3.5$
: Hard resin $\phi 2.2$



Cut • Air Nipper (Small • Medium)

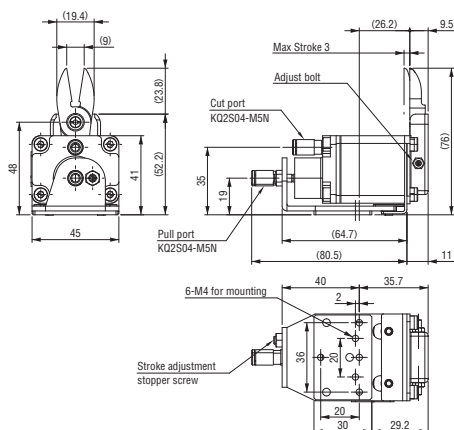
NEW



Standard blade (W/ blade open adjust mechanism)

Order code No.	131722
TYPE	NW3-35-BAST

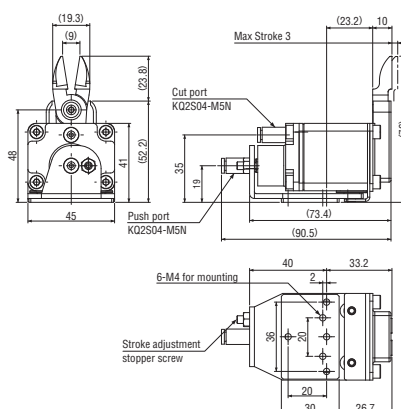
- Weight : 306g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 3.5$
: Hard resin $\phi 2.2$



Reverse blade

Order code No.	131644
TYPE	NW3-35R

- Weight : 305g
- Operation : Push
- Cutting capacity : Soft resin $\phi 3.5$
: Hard resin $\phi 2.2$



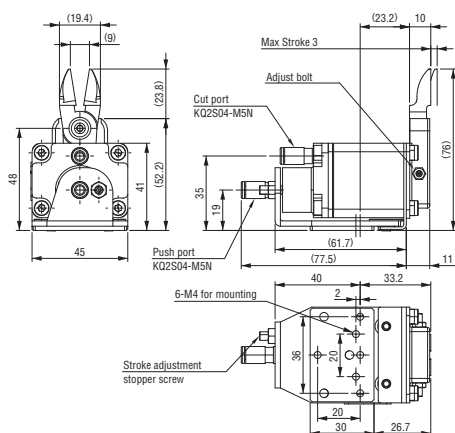
NEW



Reverse blade (W/ blade open adjust mechanism)

Order code No.	131723
TYPE	NW3-35R-BAST

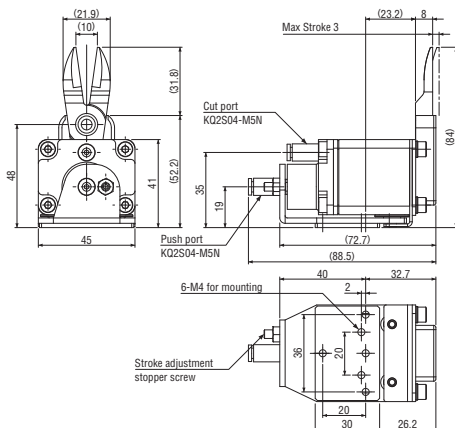
- Weight : 309g
- Operation : Pulsh
- Cutting capacity : Soft resin $\phi 3.5$
: Hard resin $\phi 2.2$



Reversed long blade

Order code No.	131646
TYPE	NW3-35R-V001S

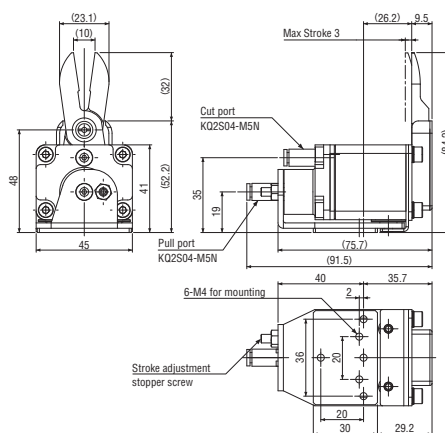
- Weight : 322g
- Operation : Pulsh
- Cutting capacity : Soft resin $\phi 3.0$
: Hard resin $\phi 1.9$



Standard long blade

Order code No.	131645
TYPE	NW3-35-V001S

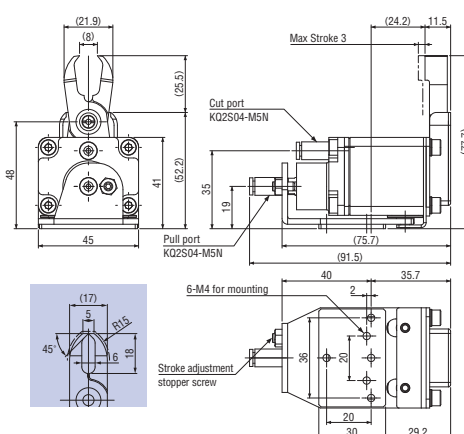
- Weight : 322g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 3.0$
: Hard resin $\phi 1.9$



Clip Type Blade

Order code No.	131647
TYPE	NW3-35-01C

- Weight : 325g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 3.0$
: Hard resin $\phi 1.9$



Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

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Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

Frame / Section / Resin Cylinders / Pads / Resin Manifolds

By Industry

Logistics-Palletizing/Sheet Metal-Stamping-Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information

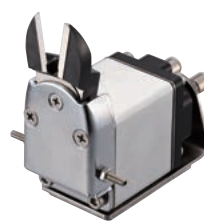
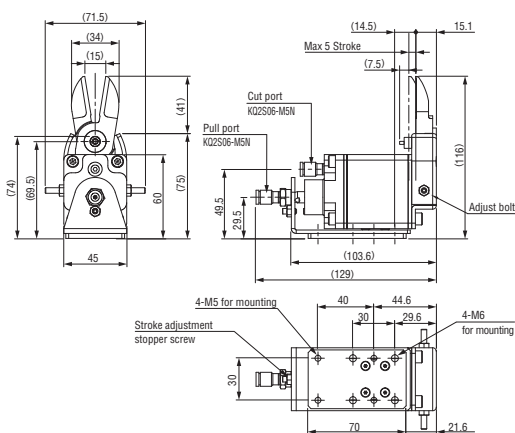
Air Nipper(Small • Medium) NW Series



Standard blade

Order code No.	131771
TYPE	NW1-50

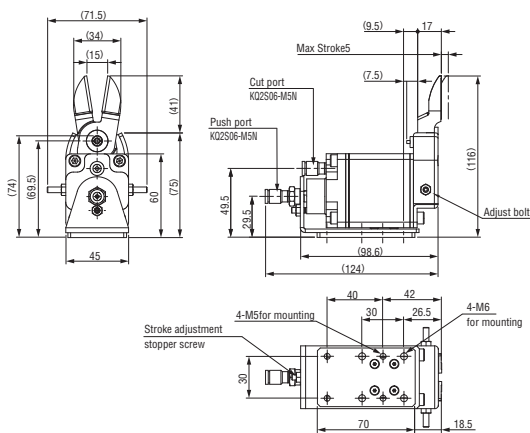
- W/ blade open adjust mechanism
- Weight : 743g ● Operation : Pull
- Cutting capacity : Soft resin $\phi 5.0$
: Hard resin $\phi 3.2$



Reverse blade

Order code No.	131772
TYPE	NW1-50R

- W/ blade open adjust mechanism
- Weight : 745g ● Operation : Push
- Cutting capacity : Soft resin $\phi 5.0$
: Hard resin $\phi 3.2$

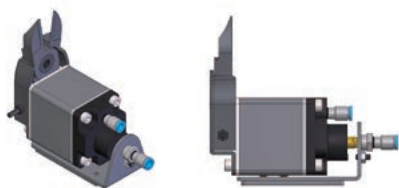


Cut ● Air Nipper (Small • Medium)

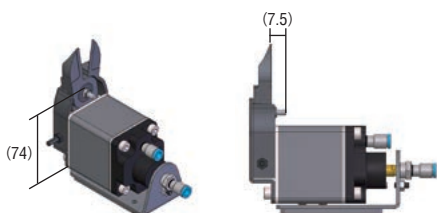
The conventional products NW-50 and the NW-50R, are on sale until the stock is gone.

Also, the fixing method of the blade as the subsequent product is changed to the nut type, and bolt protrudes, so please notice the interference with workpiece. (See following chart)

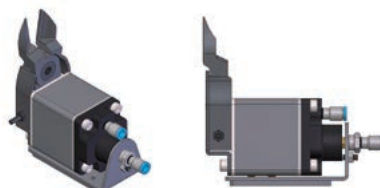
Conventional product NW-50



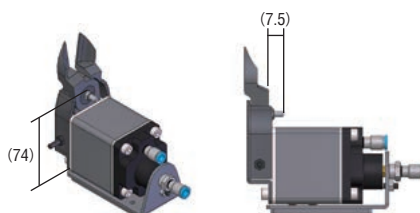
Subsequent product NW1-50



Conventional product NW-50R



Subsequent product NW1-50R



[illegible]



Air Nipper(Small • Medium) HNW Series



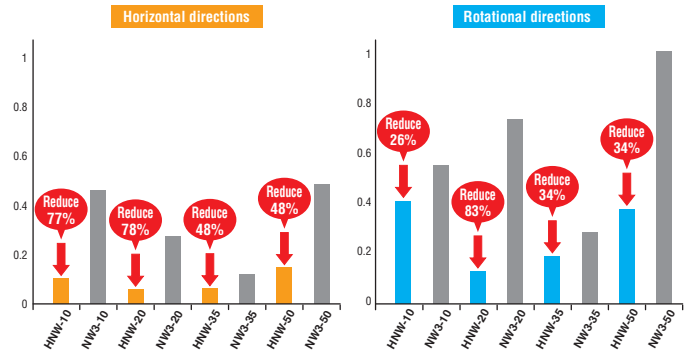
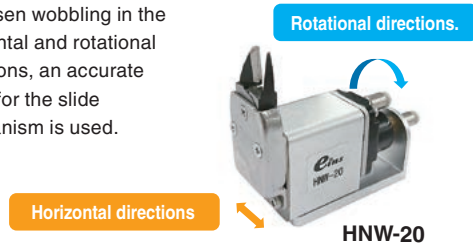
Please refer to the website for performance table.

The achievement of high precision in gate cutting is attributed to minimal vibration during the sliding process and consistent load application.

► Lineup as well as the NW3 series. Mounting size is similar to the NW3 series.

New product features

To lessen wobbling in the horizontal and rotational directions, an accurate guide for the slide mechanism is used.



Specification

Product name	Shape of blade	Order code No.	TYPE	Operation	Used air pressure (Mpa)	Withstand pressure (Mpa)	Cutting capacity		blade section Max opening width of blade (mm)	Weight (g)	Page of details
							Soft resin (mm)	Hard resin (mm)			
Air Nipper(Small•Medium) HNW Series		073301	HNW-10	Pull (Max.2mm)	0.4 (4kgf/cm²) 0.5 (5kgf/cm²) 0.7 (7kgf/cm²)	0.7 (7kgf/cm²)	φ 1.7 (2.26mm²)	φ 1.1 (0.95mm²)	3	80	4-11
		073302	HNW-101							85	
		073303	HNW-10R	Push (Max.2mm)			φ 2.8 (6.15mm²)	φ 1.8 (2.54mm²)	6	195	4-12
		073304	HNW-20	Pull (Max.3mm)						200	
		073305	HNW-201							214	
		073308	HNW-20R	Push (Max.3mm)						219	
		073306	HNW-20-V001S	Pull (Max.3mm)			φ 2.0 (3.14mm²)	φ 1.3 (1.32mm²)	6.5	214	4-13
		073309	HNW-20R-V001S	Push (Max.3mm)						212	
		073307	HNW-20-01C	Pull (Max.3mm)			φ 3.5 (9.61mm²)	φ 2.2 (3.8mm²)	9	229	4-14
		073310	HNW-35							234	
		073313	HNW-35R	Push (Max.3mm)			φ 3.0 (7.06mm²)	φ 1.9 (2.83mm²)	10	687	4-15
		073311	HNW-35-V001S	Pull (Max.3mm)						685	
		073314	HNW-35R-V001S	Push (Max.3mm)							
		073312	HNW-35-01C	Pull (Max.3mm)							
		073355	HNW1-50	Pull (Max.5mm)			φ 5.0 (19.62mm²)	φ 3.2 (8.03mm²)	15	687	4-15
		073356	HNW1-50R	Push (Max.5mm)						685	

*Reference value Changed according to the use conditions.

NEW



Standard blade

Order code No.	073301
TYPE	HNW-10

- Weight : 80g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 1.7$
: Hard resin $\phi 1.1$

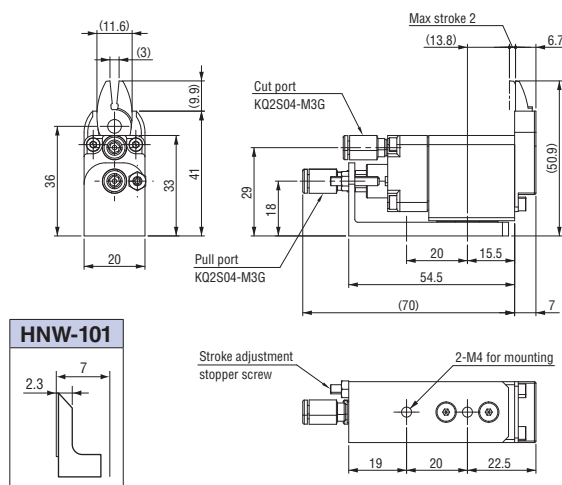
NEW



Thin blade

Order code No.	073302
TYPE	HNW-101

- Weight : 80g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 1.7$
: Hard resin $\phi 1.1$



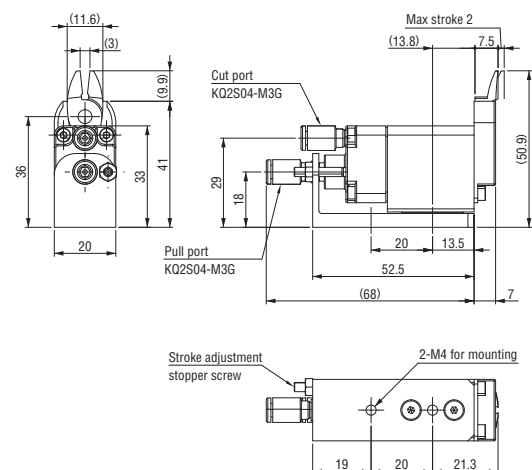
NEW



Reverse blade

Order code No.	073303
TYPE	HNW-10R

- Weight : 85g
- Operation : Push
- Cutting capacity : Soft resin $\phi 1.7$
: Hard resin $\phi 1.1$



NEW



Standard blade

Order code No.	073304
TYPE	HNW-20

- Weight : 195g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 2.8$
: Hard resin $\phi 1.8$

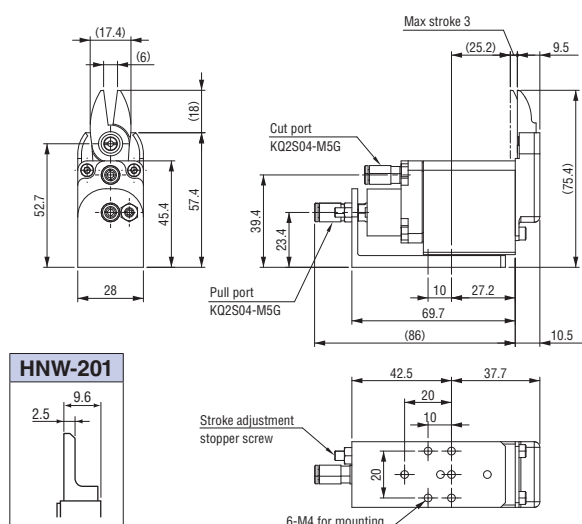
NEW



Thin blade

Order code No.	073305
TYPE	HNW-201

- Weight : 195g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 2.8$
: Hard resin $\phi 1.8$



Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

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Grip

Mini Cylinder

Accessories for Mini Cylinder

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Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

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By Industry

Logistics-Palletizing / Sheet Metal-Stamping / Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information

Air Nipper(Small • Medium) HNW Series

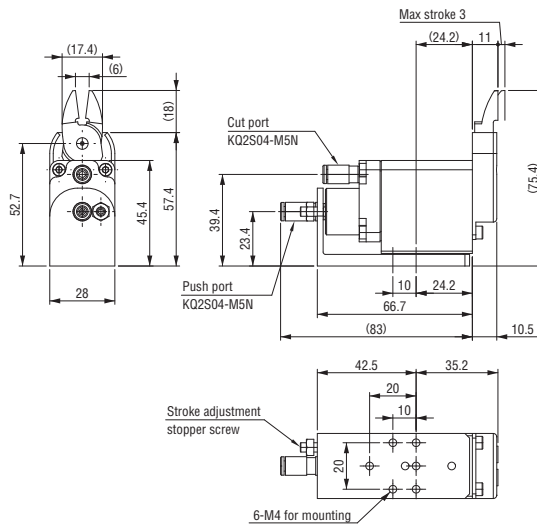
NEW



Reverse blade

Order code No.	073308
TYPE	HNW-20R

- Weight : 200g
- Operation : Push
- Cutting capacity : Soft resin $\phi 2.8$
: Hard resin $\phi 1.8$



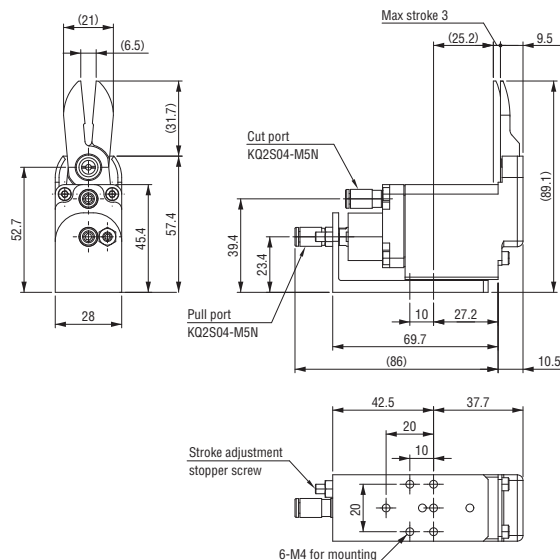
NEW



Standard long blade

Order code No.	073306
TYPE	HNW-20-V001S

- Weight : 214g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 2.0$
: Hard resin $\phi 1.3$



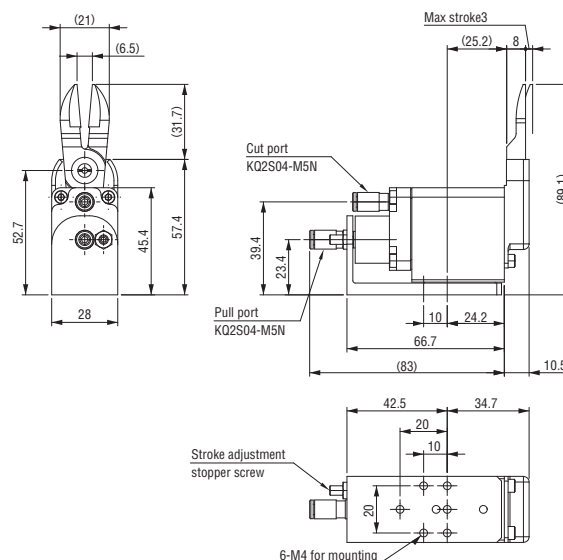
NEW



Reversed long blade

Order code No.	073309
TYPE	HNW-20R-V001S

- Weight : 219g
- Operation : Push
- Cutting capacity : Soft resin $\phi 2.0$
: Hard resin $\phi 1.3$



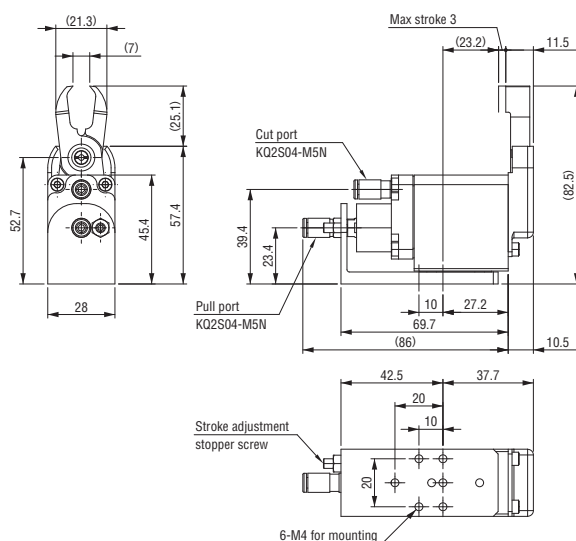
NEW



Clip Type Blade

Order code No.	073307
TYPE	HNW-20-01C

- Weight : 214g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 2.0$
: Hard resin $\phi 1.3$



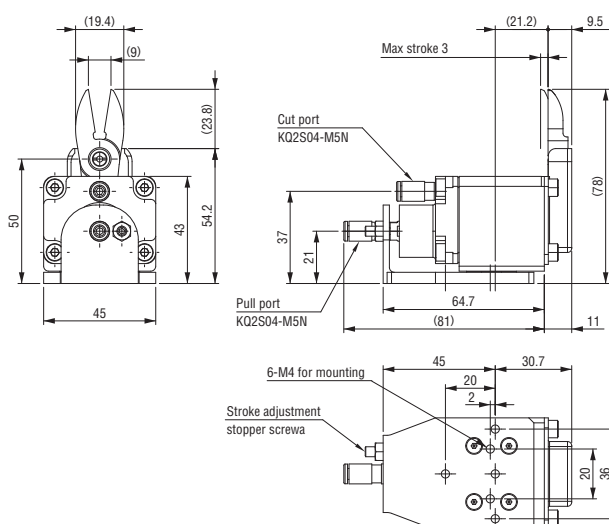
NEW



Standard blade

Order code No.	073310
TYPE	HNW-35

- Weight : 212g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 3.5$
: Hard resin $\phi 2.2$



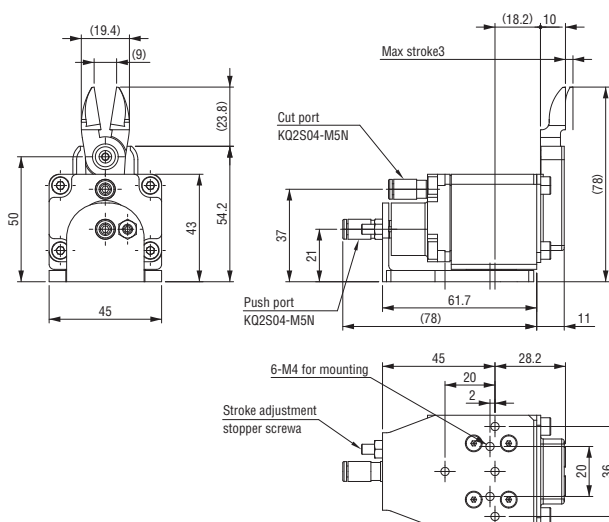
NEW



Reverse blade

Order code No.	073313
TYPE	HNW-35R

- Weight : 212g
- Operation : Push
- Cutting capacity : Soft resin $\phi 3.5$
: Hard resin $\phi 2.2$



Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

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By Industry

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Air Nipper(Small • Medium) HNW Series

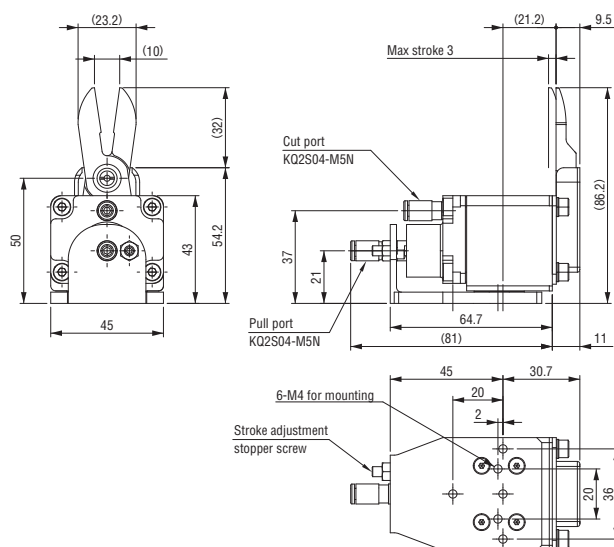
NEW



Standard long blade

Order code No.	073311
TYPE	HNW-35-V001S

- Weight : 229g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 3.0$
: Hard resin $\phi 1.9$



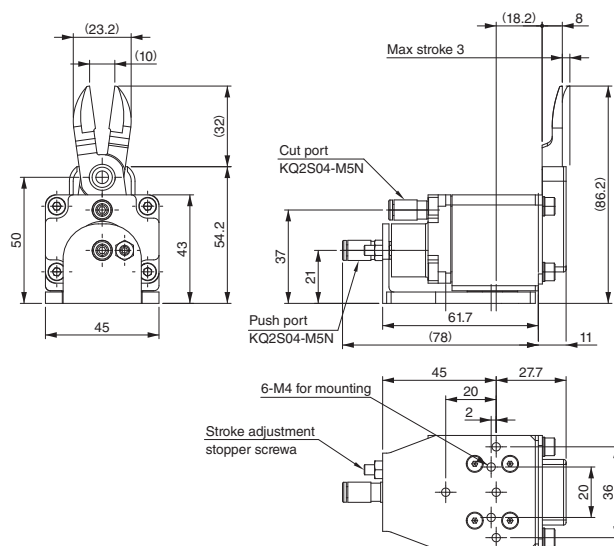
NEW



Reverse long blade

Order code No.	073314
TYPE	HNW-35R-V001S

- Weight : 229g
- Operation : Push
- Cutting capacity : Soft resin $\phi 3.0$
: Hard resin $\phi 1.9$



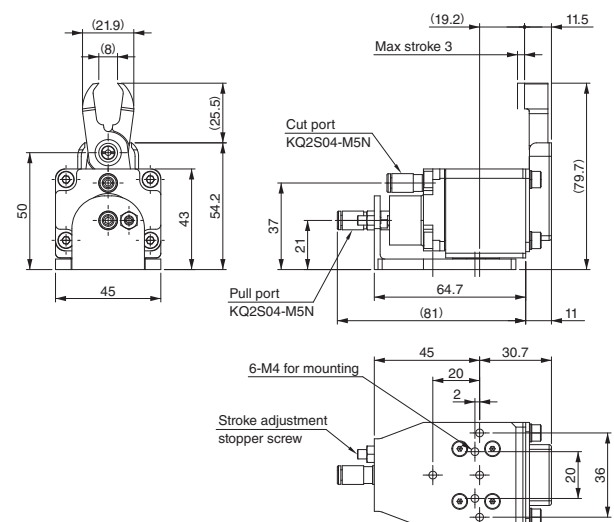
NEW



Clip Type Blade

Order code No.	073312
TYPE	HNW-35-01C

- Weight : 234g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 3.0$
: Hard resin $\phi 1.9$



► The $\phi 5$ (soft resin) product can be cut. The slide includes the new mechanism.

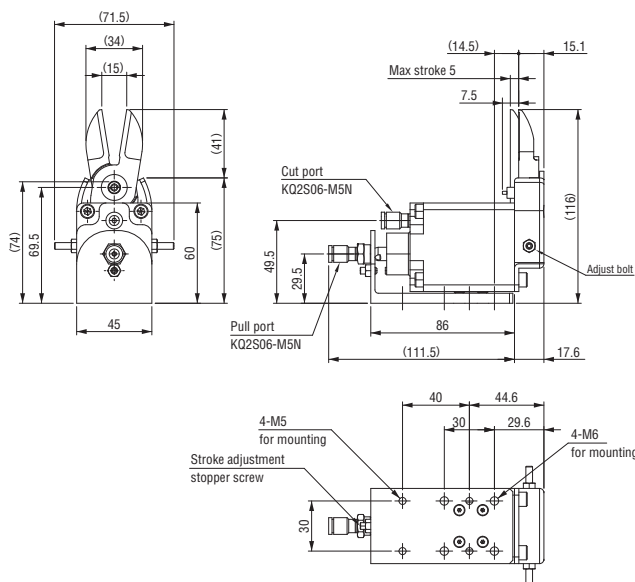
NEW



Standard blade

Order code No.	073355
TYPE	HNW1-50

- W/ blade open adjust mechanism
- Weight : 687g
- Operation : Pull
- Cutting capacity : Soft resin $\phi 5.0$
: Hard resin $\phi 3.2$



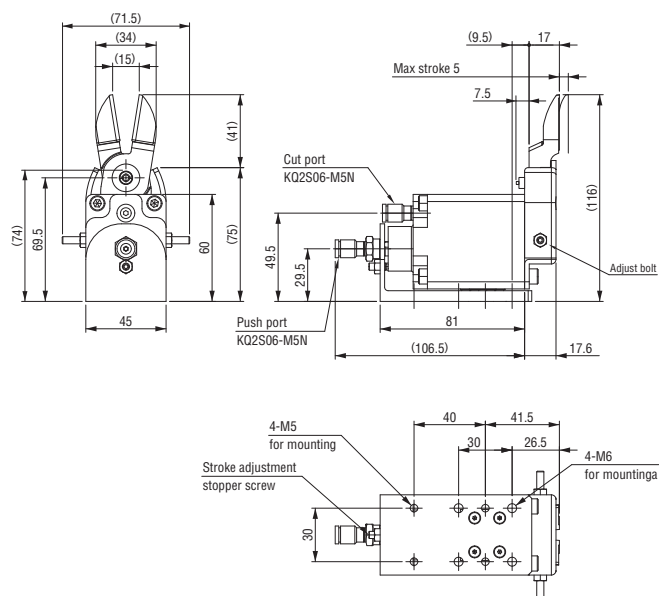
NEW



Reverse blade

Order code No.	073356
TYPE	HNW1-50R

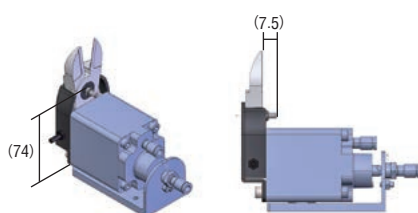
- W/ blade open adjust mechanism
- Weight : 685g
- Operation : Push
- Cutting capacity : Soft resin $\phi 5.0$
: Hard resin $\phi 3.2$



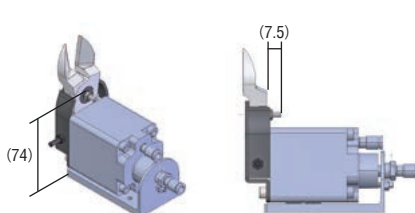
The conventional products HNW-50 and the HNW-50R, are on sale until the stock is gone.

Also, the fixing method of the blade as the subsequent product is changed to the nut type, and bolt protrudes, so please notice the interference with workpiece. (See following chart)

HNW1-50



HNW1-50R



Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

Frame / Section / Resin Cylinders / Pads / Resin Manifolds

By Industry

Logistics-Palletizing-Sheet Metal-Stamping-Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information



Cut ● Air Nipper (Small • Medium)



Air Nipper (Small • Medium) Replacement Blades



Please refer to the website for performance table.

Please use the replacement blade of the air nipper (small and medium type).

Spare Blade

	Order code No.	041050	041051	041758	041871
	TYPE	EG-NW10	EG-NW101	EG-NW10R	EG1-NW20
	Weight	20g	20g	22g	61g
	Supported nipper	NW*-10, HNW-10 (Standard blade)	NW*-101, HNW-101 (thin blade)	NW*-10R, HNW-10R (Reverse blade)	NW*-20, HNW-20 (Standard blade)
	Order code No.	041872	041916	041851	041852
	TYPE	EG1-NW201	EG1-NW20R	EG1-NW35	EG1-NW35R
	Weight	61g	62g	68g	68g
	Supported nipper	NW*-201, HNW-201 (thin blade)	NW*-20R, HNW-20R (Reverse blade)	NW*-35, HNW-35 (Standard blade)	NW*-35R, HNW-35R (Reverse blade)

Standard long blade

	Order code No.	041064	041361	041065	041310
	TYPE	EG-NW20-V001S	EG-NW20R-V001S	EG-NW35-V001S	EG-NW35R-V001S
	Weight	80g	80g	85g	85g
	Supported nipper	NW*-20, HNW-20 (Standard blade)	NW*-20R, HNW-20R (Reverse blade)	NW*-35, HNW-35 (Standard blade)	NW*-35R, HNW-35R (Reverse blade)

Carbide blade

	Order code No.	041876	041923	041866	041867
	TYPE	EG1-NW20 (Carbide blade)	EG1-NW20R (Carbide blade)	EG1-NW35 (Carbide blade)	EG1-NW35R (Carbide blade)
	Weight	61g	70g	68g	68g
	Supported nipper	NW*-20, HNW-20 (Standard blade)	NW*-20R, HNW-20R (Reverse blade)	NW*-35, HNW-35 (Standard blade)	NW*-35R, HNW-35R (Reverse blade)

Clip Type Blade

	Order code No.	041066	041067
	TYPE	EG-NW20-01C	EG-NW35-01C
	Weight	80g	90g
	Supported nipper	NW*-20, NW*-20R HNW-20, HNW-20R	NW*-35, NW*-35R HNW-35, HNW-35R

Adjustable opening * Setscrew with hexagon socket and hexagon nut are included.



Blade opening can be adjusted by two screws.

Order code No.	041873	041874	041924
TYPE	EG1-NW20-AST	EG1-NW201-AST	EG1-NW20R-AST
Weight	63g	61g	63g
Supported nipper	NW*-20, HNW-20 (Standard blade)	NW*-201, HNW-201 (thin blade)	NW*-20R, HNW-20R (Reverse blade)
Order code No.	041853	041854	
TYPE	EG1-NW35-AST	EG1-NW35R-AST	
Weight	69g	72g	
Supported nipper	NW*-35, HNW-35 (Standard blade)	NW*-35R, HNW-35R (Reverse blade)	

About Blade

Blade opening can be adjusted by two screws.

● If you would like another blade, please contact eins.

For NW-50, 50R

Spare blade (w/blade opening adjusting)

	Order code No.	042134	042135
	TYPE	EG1-NW50	EG1-NW50R
	Weight	265g	270g
	Supported nipper	NW*-50, HNW*-50 (Standard blade)	NW*-50R, HNW*-50R (Reverse blade)

About Blade Exchange

Notice : Don't remove this bolt.

Remove the four bolts in four corners of the blade holder and replace it.



Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

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Air Nipper (Small • Medium) ↔ Accessories Selection Table

Cut ● Air Nipper (Small • Medium)

Air Nipper (Small • Medium) Accessories ○ : It can be installed — : Cannot be installed		Air nipper (10Series)			Air nipper (20Series)					Air nipper (35Series)				Air nipper (50Series)	
		131626	073301	131627	073302	131628	073303	131629	131724	073304	131630	073305	131631	131725	073308
Blade Springs		NW*-10	NW*-10	NW*-101	NW*-101	NW*-10R	NW*-10R	NW*-20	NW*-20-BAST	NW*-20	NW*-201	NW*-201	NW*-20R	NW*-20R-BAST	NW*-20R
		131626	073301	131627	073302	131628	073303	131629	131724	073304	131630	073305	131631	131725	073308
		131618													
Piston		130744													
		For NW-10													
		131536													
		For NW2-20.35													
Piston packing		131618													
		NW-50.50R													
		130767													
		For NW/NC-10													
Piston spring		130768													
		For NW/NC-20.20													
		130769													
		For NW/NC-35.35													
Side spring		131654													
		For NW-50.50R													
		131614													
		NW1-10.10R (LX0125-001-0)													
Side spring		131615													
		NW2-20.20R (LX0145-003-0)													
		131487													
		NW1-35.35R (LX0107-001-0)													
Side spring		131616													
		NW-50.50R (LX0153-110)													
		130766													
		For NC/NW-10 (J09420-014-3)													
Side spring		130770													
		NC/NW-20.20R (J07930-013-1)													
		130771													
		For NW-35.35R (NC-3506N-1)													
Side spring		131617													
		NW-50.50R (LX0153-111)													
		130257													
		For NC/NW-10 (J09420-016-1)													
Side spring		131679													
		For NW-10R													
		130251													
		NC/NW-20.35 (J07930-015-0)													
Side spring		131255													
		NW-20R.35R (J0793R-004-0)													
		200254													
		UM8-25													
Side spring		200255													
		UM13-25													



Accessories

Please use for maintenance of the air nipper (small and medium type).

Blade Springs

	Order code No.	130744	131536	131618
	TYPE	For NW-10	For NW2-20.35	NW-50.50R
	Weight	0.1g	0.2g	1g
	Supported nipper	NW*-10, 10R Series HNW-10, 10R	NW*-20, 20R, 35, 35R Series HNW-20, 20R, 35, 35R	NW*-50, 50R Series HNW*-50, 50R

Piston

	Order code No.	130767	130768	130769	131654
	TYPE	For NW/NC-10	For NW/NC-20.20R	For NW/NC-35.35R	For NW-50.50R
	Weight	3g	9g	11g	25g
	Supported nipper	NC/NW*-10, 10R Series HNW-10, 10R	NC/NW*-20, 20R Series HNW-20, 20R	NC/NW*-35, 35R Series HNW-35, 35R	NW*-50, 50R Series HNW*-50, 50R

Piston packing

	Order code No.	131614	131615	131487	131616
	TYPE	NW1-10.10R (LX0125-001-0)	NW2-20.20R (LX0145-003-0)	NW1-35.35R (LX0107-001-0)	NW-50.50R (LX0153-110)
	Weight	0.3g	0.5g	1.2g	1g
	Supported nipper	NC/NW*-10, 10R Series HNW-10, 10R	NC/NW*-20, 20R Series HNW-20, 20R	NW*-35, 35R Series HNW-35, 35R	NW*-50, 50R Series HNW*-50, 50R

Piston spring

	Order code No.	130766	130770
	TYPE	For NC/NW-10 (J09420-014-3)	For NC/NW-20.20R (J07930-013-1)
	Weight	0.2g	0.5g
	Supported nipper	NC/NW*-10, 10R Series HNW-10, 10R	NC/NW*-20, 20R Series HNW-20, 20R

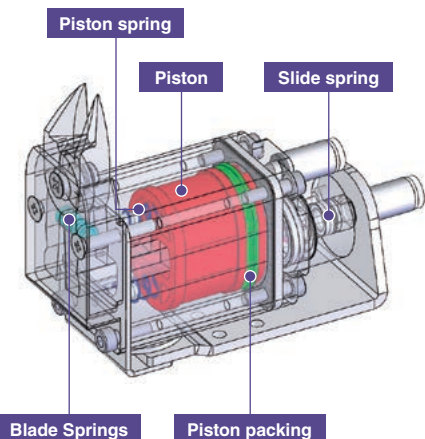
• Two pieces are used for a nipper

	Order code No.	130771	131617
	TYPE	For NW-35.35R (NC-3506N-1)	NW-50.50R (LX0153-111)
	Weight	5.6g	13g
	Supported nipper	NW*-35, 35R Series HNW-35, 35R	NW*-50, 50R Series HNW*-50, 50R

• One piece be used for a nipper

Slide spring

	Order code No.	130257	131679
	TYPE	For NC/NW-10 (J09420-016-1)	For NW-10R
	Weight	0.1g	0.1g
	Supported nipper	NW*-10 Series HNW-10	NW*-10R Series HNW-10R
	Order code No.	130251	131255
	TYPE	NC/NW-20.35 (J07930-015-0)	NW-20R.35R (J0793R-004-0)
	Weight	0.4g	1g
	Supported nipper	NW*-20, 35 Series HNW-20, 35	NW*-20R, 35R Series HNW-20R, 35R
	Order code No.	200254	200255
	TYPE	UM8-25	UM13-25
	Weight	1g	3g
	Supported nipper	NW*-50 Series HNW*-50	NW*-50R Series HNW*-50R



Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

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Assembling Tools

Tool / Jig

Information

Various Products Information



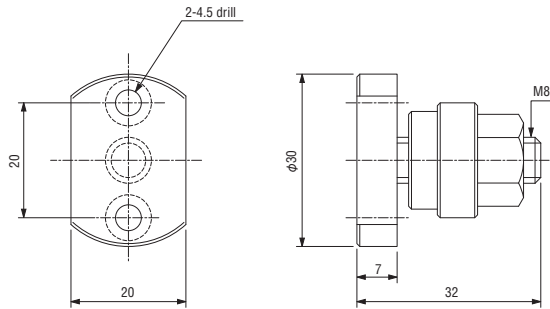
Nipper Mounting Brackets

Metal fixture to fix an air nipper to a NT gate cut unit.



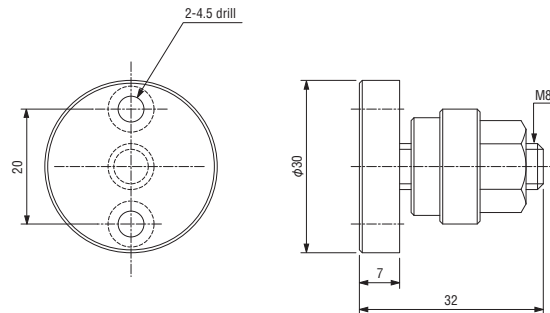
Order code No.	130216
TYPE	For NC/NW-10

- Weight : 61g
- Also can be used for NW*-20, NW*-35, HNW-20, HNW-35 series.
- Accessories : taper washer 1 pc
screw (M4) 2 pc



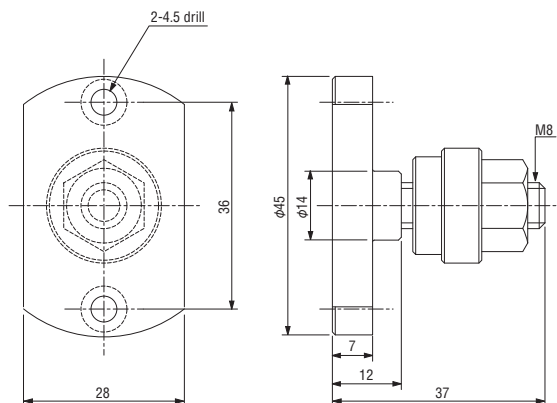
Order code No.	130162
TYPE	For NC/NW-20

- Weight : 70g
- Also can be used for NW*-35, HNW-35 series.
- Accessories : taper washer 1 pc
screw (M4) 2 pc



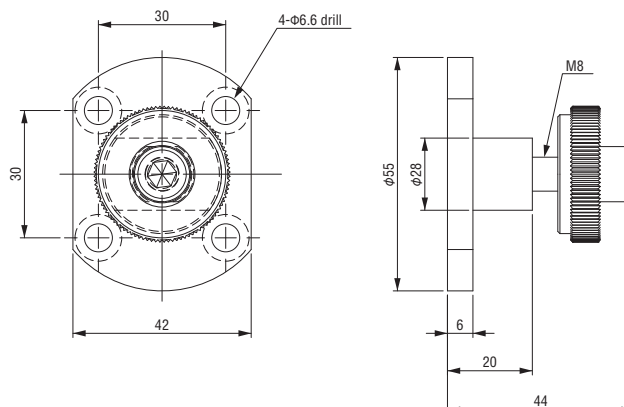
Order code No.	130163
TYPE	For NC/NW-35

- Weight : 99g
- Cannot be used for NW*-20, HNW-20 series.
- Accessories : taper washer 1 pc
screw (M4) 2 pc



Order code No.	131621
TYPE	For NW-50

- Weight : 184g
- Only for NW*-50, HNW*-50 Series.
- Accessories : M6×10 4 piece





NW One Touch Clip / Nipper Adjustment Bracket

The mounting angle can be free adjusted without using the tool.

NW One Touch Clip



Order code No.	110558
TYPE	L10160-CL

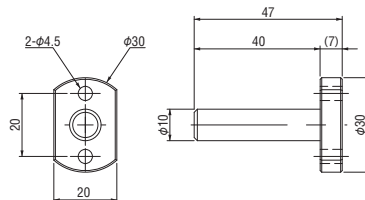
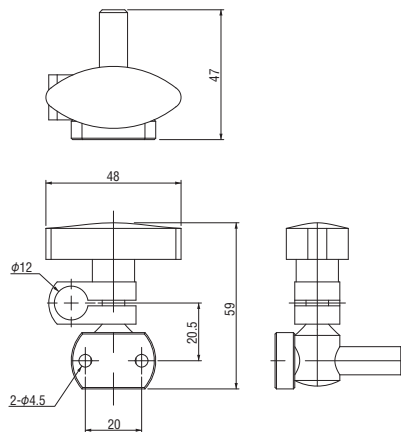
- Weight : 80g ● Include nipper mounting bracket.
- Accessories : Mounting bolt (M4)*2piece
- Can be used for NW*-10, NW*-20, NW*-35, HNW-10, HNW-20, HNW-35 Series.
- When using the HNW series, please use a taper washer(123940).



Nipper mounting brackets

Order code No.	110622
TYPE	L10160-000

- Weight : 20g ● Accessories : Mounting bolt (M4)*2piece
- Can be used for NW*-10, NW*-20, NW*-35, HNW-10, HNW-20, HNW-35 Series.
- When using the HNW series, please use a taper washer(123940).



Example of mounting

Air Nipper (Small・Medium) is mounted and attached to $\phi 12$ SS Jungle Gym



Taper washer

Order code No.	123940
TYPE	M4

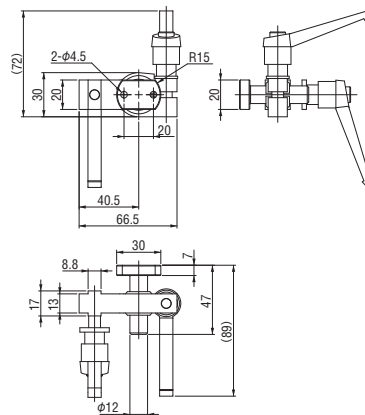
- Weight : 0.15g ● Thickness : 0.5mm

NEW Nipper Adjustment Bracket



Order code No.	131732
TYPE	NW-ADJBKT

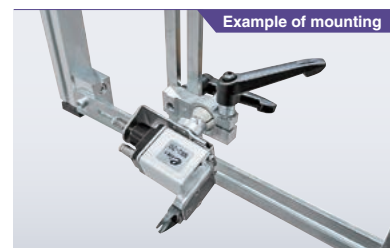
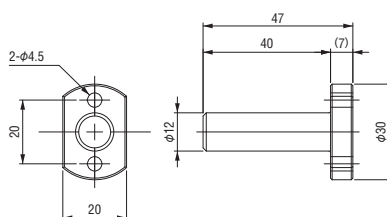
- Weight : 200g ● Include nipper mounting bracket 12.
- Accessories : Mounting bolt (M4)*2piece
- Can be used for NW*-10, NW*-20, NW*-35, HNW-10, HNW-20, HNW-35 Series.
- When using the HNW series, please use a taper washer(123940).



Nipper mounting brackets 12

Order code No.	131770
TYPE	NW-MOUNT12-20

- Weight : 22.5g
- Accessories : Mounting bolt (M4)*2piece
- Can be used for NW*-10, NW*-20, NW*-35, HNW-10, HNW-20, HNW-35 Series.
- When using the HNW series, please use a taper washer(123940).



Example of mounting

Install onto the frame of NT gate cut unit.



Taper washer

Order code No.	123940
TYPE	M4

- Weight : 0.15g ● Thickness : 0.5mm

Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

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Ultra Small Part Take Out

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Pneumatic Components

Sensors / Multi AND Board

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By Industry

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Assembling Tools

Tool / Jig

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Air Nipper (Large)



Please refer to the website for performance table.

Specifications

Product name		Order code No.	TYPE	Operation	Used air pressure (Mpa)	Applied pressure (N)	Cutting capacity [soft resin] round bar (mm)	Slide amount (mm)	Weight (g)	Page of details
Air Nipper	Slide vertical·w/o blade	060207	GT-NT03	Pull	0.4~0.5	147	φ 1.5	MAX3	178	4-23
		060208	GT-NT05	Pull	0.5~0.6	196	φ 2.5		325	
		060225	GT-NT05R	Push		441	φ 3.5		515	
		060209	GT-NT10	Pull				MAX8	930	
		060226	GT-NT10R	Push		931	φ 5			
		060227	GT-NT20	Pull						
		060228	GT-NT20R	Push						
	Square type·w/o blade	060240	GT-NS10L	—	0.5~0.6	588	Different according to the spare blade.	—	230	4-24
		060241	GT-NS20			1,372			390	
		060242	GT-NS30			2,744			705	
	Round type·w/o blade	060083	GT-NR10L			588			160	
		060084	GT-NR20			1,372			280	
		060085	GT-NR30			2,744			510	
Booster unit		150793	P-20	—	~0.5	—	—	—	215	
		150786	P-30						330	
Nipper holder		370336	CP-035 (For GT-NR10L)	—	—	—	—	—	68	4-25
		370337	CP-036 (For GT-NR20)						87	
		370338	CP-037 (For GT-NR30)						105	
Nipper bracket		110656	LX0090-100 (L.R)	—	—	—	—	—	128	
Rotation BRT		NEW 131712	For NP-RTB-NR10	—	—	—	—	—	66	
		NEW 131713	For NP-RTB-NR20						76	
		NEW 131714	For NP-RTB-NR30						109	
Air Nipper	Slide bracket·w/o blade	130229	GT-NB20 5-HIKU	Pull	0.5~0.6	1,372	Different according to the spare blade.	MAX5	710	4-26
		130230	GT-NB20 5-OSHI	Push					MAX10	
		130231	GT-NB20 10-HIKU	Pull		2,744		1,400		
		130235	GT-NB30 10-HIKU	Pull				1,372		
		060477	GT-NB20LW-10TM	Pull		2,744		1,315		
		060478	GT-NB30LW-10TM	Pull						
Sprue cut unit		131565	NS20U	—	—	—	—	1,078	4-27	
		NEW 131717	NS20UR					1,200		
Timing controller		060321	GT-TC-02	—		—	—	—	275	

Product name		Order code No.	TYPE	Operation	Used air pressure (Mpa)	Cutting capacity [soft resin] round bar (mm)	Slide amount (mm)	Weight (g)	Page of details
Heat air nipper	Slide vertical·w/ blade	060353	GT-NTH05	Pull	0.4~0.5	φ 2.5	MAX3.5	325	4-30
		060354	GT-NTH10	Pull	0.5~0.6	φ 3.5	MAX4.5	515	
	Flow controller type	060355	GT-NKH10	—		Thickness:1.5, Width:7	MAX12	715	
	Heat air nipper air hydro	131709	NKH20XL-25	—		Thickness:1.5, Width:10	MAX10	690	
	Desktop temperature controller for heat nipper	030492	DTC-001	—	—	—	—	900	



Air Nipper (Large) NT Series

Used for cutting large gate diameter products of direct gate or side gate.

- Spare blades are sold separately. ● The photo shows an example of assembled.

Air nipper slide vertical

- ▶ Blade opening can be adjusted.
- ▶ Slide stroke can be adjusted.
- ▶ A workpiece can be cut by close contact.



Blade
Blade not
included

Order code No.	060207
TYPE	GT-NT03

● Weight : 178g

Uses Standard blade	Operation Pull	Blade Option
---------------------------	--------------------------	-----------------

Order code No.	060208
TYPE	GT-NT05

● Weight : 325g

Uses Standard blade	Operation Pull	Blade Option
---------------------------	--------------------------	-----------------

Order code No.	060209
TYPE	GT-NT10

● Weight : 515g

Uses Standard blade	Operation Pull	Blade Option
---------------------------	--------------------------	-----------------

Order code No.	060227
TYPE	GT-NT20

● Weight : 930g

Uses Standard blade	Operation Pull	Blade Option
---------------------------	--------------------------	-----------------

Order code No.	060225
TYPE	GT-NT05R

● Weight : 325g

Uses Reverse blade	Operation Push	Blade Option
--------------------------	--------------------------	-----------------

Order code No.	060226
TYPE	GT-NT10R

● Weight : 515g

Uses Reverse blade	Operation Push	Blade Option
--------------------------	--------------------------	-----------------

Order code No.	060228
TYPE	GT-NT20R

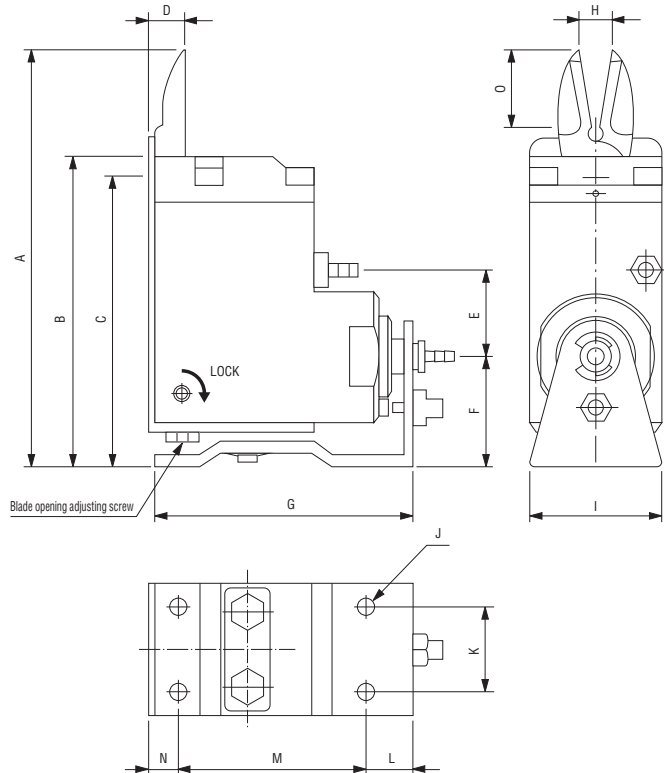
● Weight : 930g

Uses Reverse blade	Operation Push	Blade Option
--------------------------	--------------------------	-----------------

Blade for GT-NT

Spare blade for GT-NT *The standard and reverse directions of spare blade can be changed.

Order code No.	130403	130310	130311	130404
TYPE	NT03AJ	NE5AJ	NE10AJ	NT20AJ
Supported nipper	GT-NT03(R)	GT-NT05(R)	GT-NT10(R)	GT-NT20(R)



Dimensions

(mm)

TYPE	GT-NT03	GT-NT05	GT-NT10	GT-NT20
A	87.1	90.1	110.1	136.1
B	68.1	71.1	88.1	102.1
C	63.1	66.1	83.1	96.1
D	9	9	11	14
E	15	20	21	21.9
F	23.1	25.1	29.1	33.1
G	62	64	73	103
H	MAX3	MAX6	MAX7	MAX9
I	19	32	38	44
J	M3	M4	M4	M5
K	14	20	24	28
L	12	12	12	13
M	43	45	53	80
N	7	7	8	10
O	12	13	14	21.5

Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

Frame / Section / Resin Cylinders / Pads / Resin Manifolds

By Industry

Logistics-Palletizing/Sheet Metal-Stamping-Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information



Air Nipper (Large) NS/NR Series / Pressure Boosting Unit

Used for cutting large gate diameter products of direct gate or side gate.

- Spare blade and spring are sold separately.
- The photo shows an example of assembled.

Air nipper square type

Blade
Blade not
included

→ 4-28, 29



Order code No.	060240
TYPE	GT-NS10L

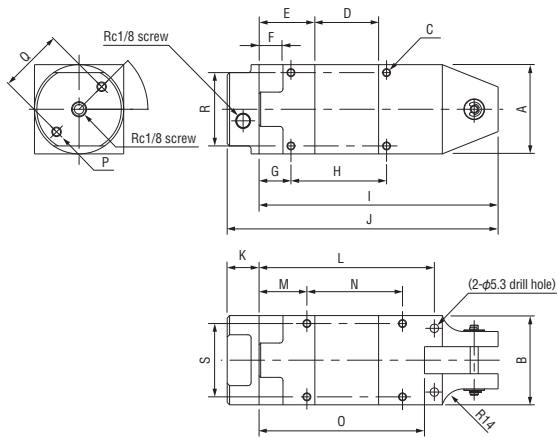
● Weight : 230g

Order code No.	060241
TYPE	GT-NS20

● Weight : 390g

Order code No.	060242
TYPE	GT-NS30

● Weight : 705g



Dimensions

(mm)

TYPE	GT-NS10L	GT-NS20	GT-NS30
A	36	45	56
B	36	45	56
C	16-M4×0.7 screw depth 5.5	16-M4×0.7 screw depth 7	16-M5×0.8 screw depth 10
D	17	25	40
E	27	29	35
F	14	14	15
G	18	19	20
H	30	40	60
I	93	109	150
J	113	129	170
K	20	20	20
L	65	81	110
M	23	24	30
N	30	40	60
O	59.8	76.8	103.8
P	2-M4 screw depth 10	2-M5 screw depth 12	2-M6 screw depth 12
Q	24	30	40
R	28	36	46
S	28	36	46

Air nipper round type

Blade
Blade not
included

→ 4-28, 29



Order code No.	060083
TYPE	GT-NR10L

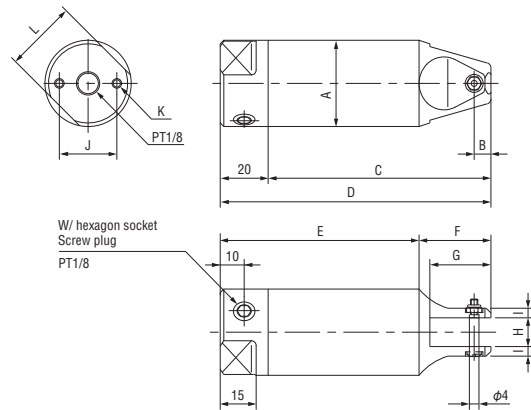
● Weight : 160g

Order code No.	060084
TYPE	GT-NR20

● Weight : 280g

Order code No.	060085
TYPE	GT-NR30

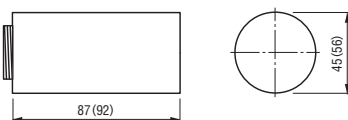
● Weight : 510g



Dimensions

(mm)

TYPE	GT-NR10L	GT-NR20	GT-NR30
A	φ 36	φ 45	φ 56
B	7	6	10
C	93	109	145
D	113	129	165
E	83	100	127
F	30	29	38
G	22.5	19	28.5
H	12	12	17
I	4	5.5	6.5
J	24	30	40
K	2-M4 screw depth 10	2-M5 screw depth 12	2-M6 screw depth 12
L	30	36	46



* () inside indicates the dimension of P-30.

- ▶ When original welding pressure cannot be created with limitations of space and air pressure.

Booster unit

Order code No.	150793
TYPE	P-20

- Weight : 215g
- Air consumption : 508cm³
- Air pressure power : ~0.5MPa
- Applicable : NS20, NR20

Booster unit

Order code No.	150786
TYPE	P-30

- Weight : 330g
- Air consumption : 956cm³
- Air pressure power : ~0.5MPa
- Applicable : NS30, NR30



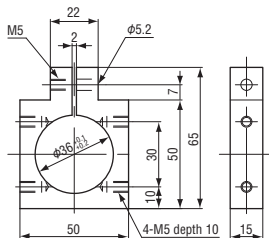
Air Nipper (Large) Holder / Bracket / Rotation BRT

Use the product by mounting to round nipper "GT-NR series."

Nipper Holder

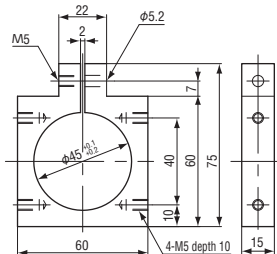
Order code No.	370336
TYPE	CP-035 (For GT-NR10L)

● Weight : 68g



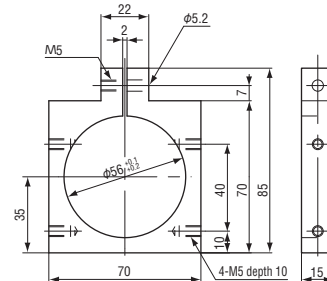
Order code No.	370337
TYPE	CP-036 (For GT-NR20)

● Weight : 87g



Order code No.	370338
TYPE	CP-037 (For GT-NR30)

● Weight : 105g

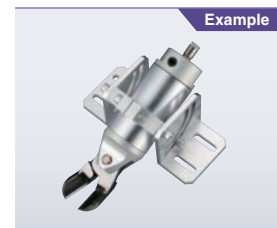
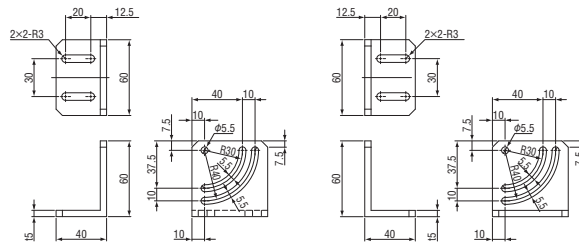


Nipper Bracket



Order code No.	110656
TYPE	LX0090-100 (L.R)

● Weight : 128g (Set Weight)
● Include L and R brackets



● The photo shows an example of assembled GT-NR20, CP-036, and LX0090-100.

Rotation BRT (for NR Nipper)

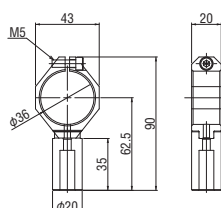
NEW



Rotation BRT • for NR10

Order code No.	131712
TYPE	For NP-RTB-NR10

● Weight : 66g



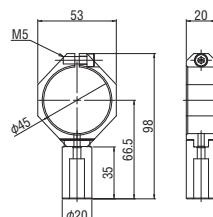
NEW



Rotation BRT • for NR20

Order code No.	131713
TYPE	For NP-RTB-NR20

● Weight : 76g



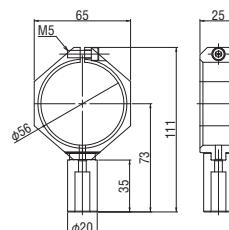
NEW



Rotation BRT • for NR30

Order code No.	131714
TYPE	For NP-RTB-NR30

● Weight : 109g



● Please use in combination with Jungle Gym Series ϕ 20.

Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (QM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

Frame / Section / Resin Cylinders / Pads / Resin Manifolds

By Industry

Logistics-Palletizing / Sheet Metal-Stamping / Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information



Air Nipper (Large) NB Series

Used for cutting large gate diameter products of direct gate or side gate.

- Spare blade and spring are sold separately. (The photo is an example of assembly.)
- Can not be sold separate. ● The spare blade is compatible with GT-NR.

Slide air nipper

- ▶ Can be used for gate cut devices with slide air nipper bracket type.
- ▶ Applicable with cutting of large sized molded parts.

Blade
Blade not
included
→ 4-28.29



Order code No.	130229
TYPE	GT-NB20 5-HIKU

● Weight : 710g ● Slide amount : 5mm

Operation	Blade
Pull	Option

Order code No.	130230
TYPE	GT-NB20 5-OSHI

● Weight : 710g ● Slide amount : 5mm

Operation	Blade
Push	Option

Order code No.	130231
TYPE	GT-NB20 10-HIKU

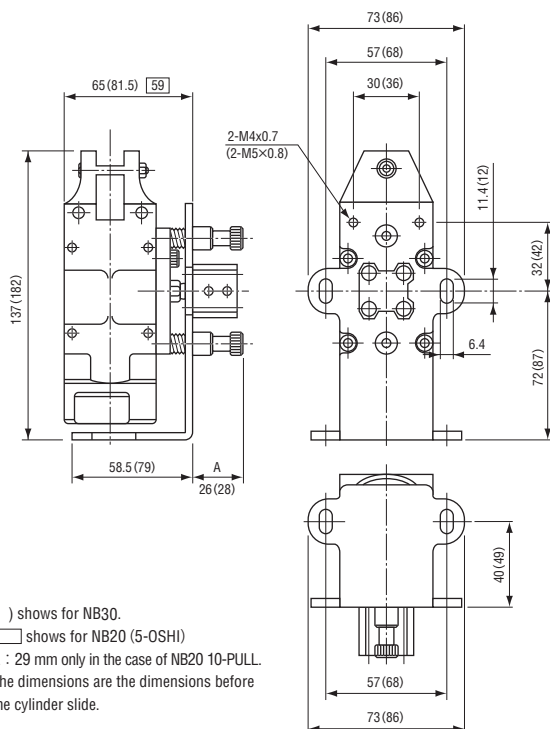
● Weight : 720g ● Slide amount : 10mm

Operation	Blade
Pull	Option

Order code No.	130235
TYPE	GT-NB30 10-HIKU

● Weight : 1,400g ● Slide amount : 10mm

Operation	Blade
Pull	Option



- * () shows for NB30.
- * □ shows for NB20 (5-OSHI)
- * A : 29 mm only in the case of NB20 10-PULL.
- * The dimensions are the dimensions before the cylinder slide.

- ▶ W/ slide mechanism with high precision.

Blade
Blade not
included
→ 4-28.29



Order code No.	060477
TYPE	GT-NB20LW-10TM

● Weight : 785g ● Slide amount : 10mm

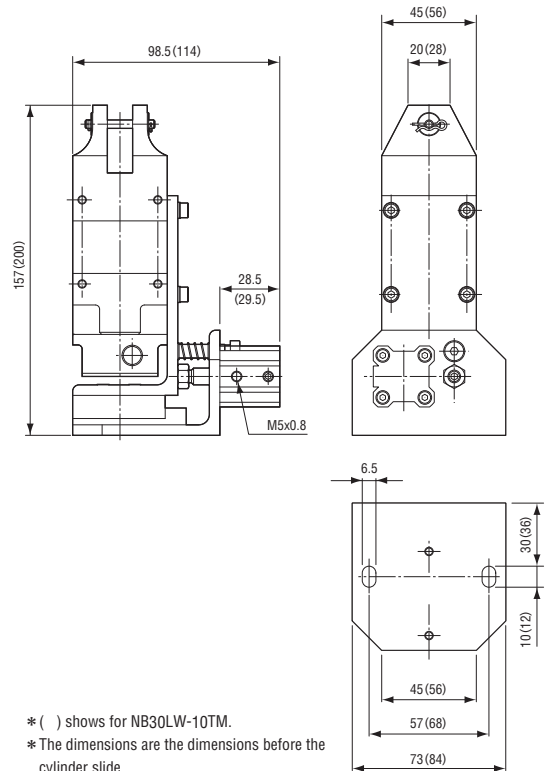
Operation	Blade
Pull	Option

Order code No.	060478
TYPE	GT-NB30LW-10TM

● Weight : 1,315g ● Slide amount : 10mm

Operation	Blade
Pull	Option

High-precision slide mechanism



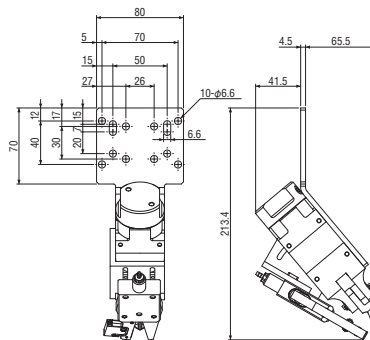
- * () shows for NB30LW-10TM.
- * The dimensions are the dimensions before the cylinder slide.



Sprue Cut Unit / Timing Controller

Cutting with sprue chucking is possible.

- Most suitable for plastic direct gate.

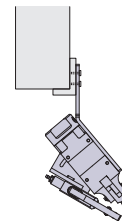


Sprue Cut Unit

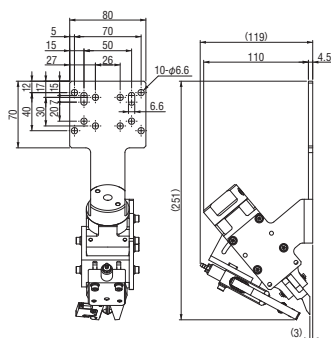
Order code No.	131565
TYPE	NS20U

- Weight : 1,078g
- Sold as a set.
- Runner chuck: Limit SW type

Product name	Order code No.	TYPE	Qty	Page of details
Runner chuck EL (Limit SW)	023006	CHK-EL1-12-C1	1	2-35
Air nipper square type (w/o blade)	060241	GT-NS20	1	4-24
Blade for GT-20L flat	130726	N20PF	1	4-28
Sprue cut unit (parts)	-	-	1	-



NEW

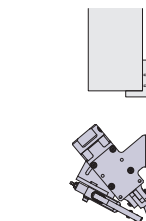


Sprue Cut Unit

Order code No.	131717
TYPE	NS20UR

- Weight : 1,200g
- Sold as a set.
- Runner chuck: Limit SW type

Product name	Order code No.	TYPE	Qty	Page of details
Runner chuck EL (Limit SW)	023006	CHK-EL1-12-C1	1	2-35
Air nipper square type (w/o blade)	060241	GT-NS20	1	4-24
Blade for GT-20L flat	130726	N20PF	1	4-28
Sprue cut unit (parts)	-	-	1	-



- Setting in tubing allows adjustment of slide conditions for slide nippers and cutting timing.
(About 0.5-1.5 seconds)

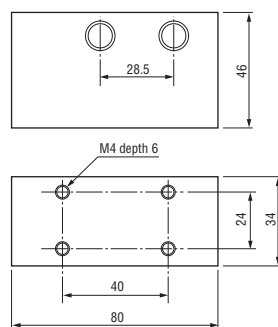
Timing adjustable screw
(About 0.5-1.5 seconds)



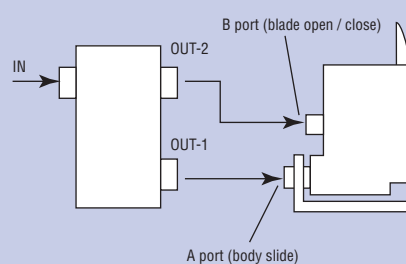
Timing controller

Order code No.	060321
TYPE	GT-TC-02

- Weight : 275g
- Air pressure power : 0.6MPa
- With tube joint : inner diameter φ4mm, outside-diameter φ6mm



Example of connection



Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (OM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

Frame / Section / Resin Cylinders / Pads / Resin Manifolds

By Industry

Logistics-Palletizing / Sheet Metal-Stamping / Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information



Air Nipper (Large) Replacement Blades / Accessories

Spare blades for GT-NS/GT-NR/GT-NB.



Please refer to the website for performance table.

● The cutting capacity depends on the material.

► Supported nipper : GT-NS10L/GT-NR10L

Dimensions	Specifications	
	Order code No.	130218
	TYPE	N10L1S
	Weight	165g
	Opened blade-to blade distance	10mm
	Cutting capacity (soft resin)	φ 3.5
	Order code No.	130219
	TYPE	N10L2S
	Weight	170g
	Opened blade-to blade distance	10mm
	Cutting capacity (soft resin)	φ 3.5

Dimensions	Specifications	
	Order code No.	130724
	TYPE	N10LAP
	Weight	132g
	Opened blade-to blade distance	5mm
	Cutting capacity (soft resin)	φ 4
	Order code No.	130725
	TYPE	N10LPF
	Weight	136g
	Opened blade-to blade distance	5mm
	Cutting capacity (soft resin)	φ 4

► Supported nipper : GT-NS20/GT-NR20/GT-NB20

Dimensions	Specifications	
	Order code No.	130222
	TYPE	N203S
	Weight	185g
	Opened blade-to blade distance	14mm
	Cutting capacity (soft resin)	φ 6
	Order code No.	130220
	TYPE	N201S
	Weight	200g
	Opened blade-to blade distance	16mm
	Cutting capacity (soft resin)	φ 6
	Order code No.	130221
	TYPE	N202S
	Weight	175g
	Opened blade-to blade distance	14mm
	Cutting capacity (soft resin)	φ 6
	Order code No.	130726
	TYPE	N20PF
	Weight	130g
	Opened blade-to blade distance	11mm
	Cutting capacity (soft resin)	φ 7
	Order code No.	130697
	TYPE	N20AJ
	Weight	125g
	Opened blade-to blade distance	11mm
	Cutting capacity (soft resin)	φ 7

Dimensions	Specifications	
	Order code No.	130680
	TYPE	N20AP
	Weight	130g
	Opened blade-to blade distance	11mm
	Cutting capacity (soft resin)	φ 7
	Order code No.	130727
	TYPE	N20AE
	Weight	145g
	Opened blade-to blade distance	8mm
	Cutting capacity (soft resin)	φ 7
	Order code No.	130265
	TYPE	N206S
	Weight	170g
	Opened blade-to blade distance	14mm
	Cutting capacity (soft resin)	φ 6
	Order code No.	131602
	TYPE	N207SA
	Weight	190g
	Opened blade-to blade distance	13mm
	Cutting capacity (soft resin)	φ 6
	Order code No.	130655
	TYPE	N20AJL
	Weight	230g
	Opened blade-to blade distance	16mm
	Cutting capacity (soft resin)	φ 6



N201S



N301S



N30AE

► Supported nipper : GT-NS20/GT-NR20/GT-NB20

Dimensions	Specifications	
	Order code No.	131466
	TYPE	N20AML1498
	Weight	270g
	Opened blade-to blade distance	9.5mm
	Cutting capacity (soft resin)	10×1.5
	Order code No.	131467
	TYPE	N20AH
	Weight	240g
	Opened blade-to blade distance	16mm
	Cutting capacity (soft resin)	φ6

Dimensions	Specifications	
	Order code No.	131468
	TYPE	N20AMR1499
	Weight	270g
	Opened blade-to blade distance	9.5mm
	Cutting capacity (soft resin)	10×1.5
	Order code No.	131469
	TYPE	N20AK249
	Weight	240g
	Opened blade-to blade distance	14mm
	Cutting capacity (soft resin)	φ5.5

► Supported nipper : GT-NS30/GT-NR30/GT-NB30

Dimensions	Specifications	
	Order code No.	130225
	TYPE	N301S
	Weight	390g
	Opened blade-to blade distance	20mm
	Cutting capacity (soft resin)	φ8
	Order code No.	130329
	TYPE	N30AP
	Weight	380g
	Opened blade-to blade distance	16mm
	Cutting capacity (soft resin)	φ10
	Order code No.	131601
	TYPE	N303SA
	Weight	390g
	Opened blade-to blade distance	16mm
	Cutting capacity (soft resin)	φ8
	Order code No.	131470
	TYPE	N30AJL
	Weight	470g
	Opened blade-to blade distance	19mm
	Cutting capacity (soft resin)	φ8

Dimensions	Specifications	
	Order code No.	130730
	TYPE	N30PF
	Weight	415g
	Opened blade-to blade distance	15mm
	Cutting capacity (soft resin)	φ10
	Order code No.	130729
	TYPE	N30AE
	Weight	440g
	Opened blade-to blade distance	12mm
	Cutting capacity (soft resin)	φ10
	Order code No.	130795
	TYPE	N30AJ
	Weight	370g
	Opened blade-to blade distance	14mm
	Cutting capacity (soft resin)	φ10

► Blade Springs

	Order code No.	060100
	TYPE	GT-NR10L.20 (N10L.N20 Spare Blade)
	Supported nipper	NS/NR 10L、NS/NR/NB 20

	Order code No.	060101
	TYPE	GT-NR30 (N30 Spare Blade)
	Supported nipper	NS/NR/NB 30

Quick Chuck Change

Quick Chuck Change Manual

Quick Chuck Change Manual (QM Type)

Tool Changer

Automated Hand Exchange System

Grip

Mini Cylinder

Accessories for Mini Cylinder

Container Cylinders

Accessories for Container Cylinder

Grippers

Rubber Material / Grip Pad

Suction

Suction Cups

Suction Stems

Pad in Pad

Vacuum Gripper

Air Ejector / Filter / Check Valve

Ultra Small Part Take Out

Vacuum Generator Unit

Cut

Air Nipper (Small-Medium)

Air Nipper (Large)

Frame / Module

Jungle Gym

Let's Joint

Rectangular Tube

Base Aluminum Material

Sliding Chuck

Pneumatic Components / Sensors

Pneumatic Components

Sensors / Multi AND Board

PCIO Communication Unit

Lightweight Parts Series

Frame / Section / Resin Cylinders / Pads / Resin Manifolds

By Industry

Logistics-Palletizing / Sheet Metal-Stamping / Metal Fabrication

Assembling Tools

Tool / Jig

Information

Various Products Information



Heat Air Nipper (NTH Series / NKH Series)

Used for cutting large gate diameter products of direct gate or side gate.

- ▶ Gate cut transparent products such as acrylic without whitening or cracking!

* Attachments: blade, temperature sensor harness, thermocouple harness



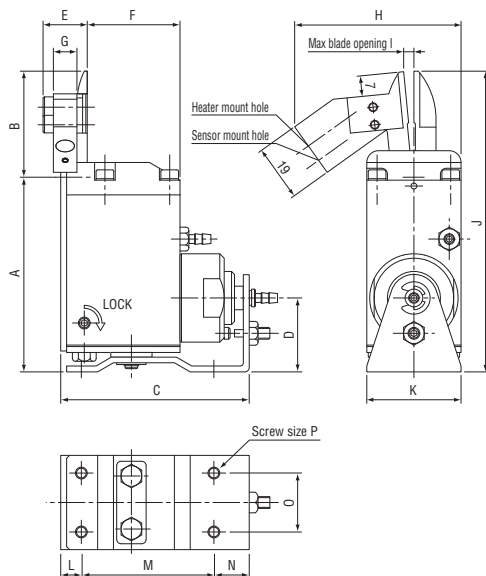
Heat air nipper slide vertical

Order code No.	060353
TYPE	GT-NTH05

● Weight : 325g

Order code No.	060354
TYPE	GT-NTH10

● Weight : 515g
 ● Heater specification : 80W/120V Length 300mm
 ● Sensor specifications : K thermocouple Length 1000mm



- ▶ It is ideal for gate cutting of glass fibers and hard resins.

- ▶ There are few cracks in the workpiece, and the finished surface is clean.

* Attachments: blade, temperature sensor harness, thermocouple harness



Flow Controller Type

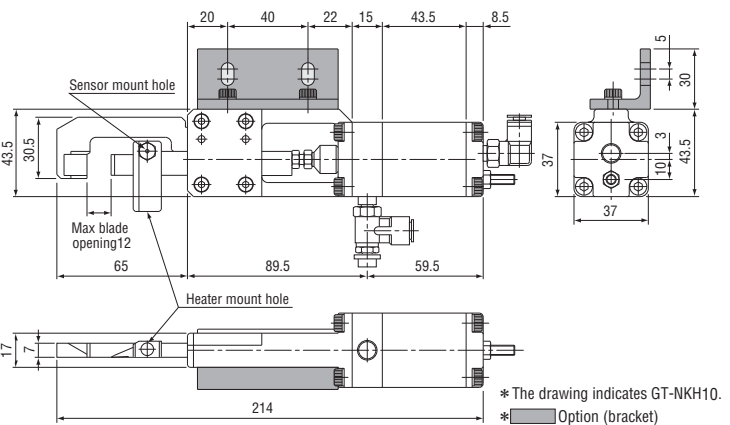
Order code No.	060355
TYPE	GT-NKH10

● Weight : 715g
 ● Opened blade-to blade distance : 10mm
 ● Heater specification : 80W/120V Length 300mm
 ● Sensor specifications : K thermocouple Length 1000mm

Air Hydro Type

Order code No.	131709
TYPE	NKH20XL-25

● Weight : 690g
 ● Opened blade-to blade distance : 20mm
 ● Heater specification : 80W/100V Length 300mm
 ● Sensor specifications : K thermocouple Length 300mm
 ● Two Hydro converters are required.
 Hydro converter (Recommended product) : KOGANEI CO.,LTD. Type : AHC 32 × 50



* The drawing indicates GT-NKH10.
 * Option (bracket)

Cut ● Air Nipper (Large)

Dimensions

(mm)

TYPE	GT-NTH05	GT-NTH10
A	66.1	83
B	36	47
C	64	73
D	25.1	29
E	15	16.2
F	31.5	37.5
G	8	8
H	56.5	63
I	3.5	4.5
J	102.1	130
K	32	38
L	7	8
M	45	53
N	12	12
O	20	24
P	M4	M4

- ▶ Desktop temperature controller for heat nipper



Desktop temperature controller for heat nipper

Order code No.	030492
TYPE	DTC-001

● Weight : 900g
 ● Power supply voltage : AC100-240V
 ● Power consumption : about 3W or 5VA (no-load condition)
 ● Output capacity : 12A MAX (~1.2kw) resistance load
 ● Ambient operating temperature : 0-40°C RH35-85% (non-condensing)
 ● The power supply voltage is output to the heater as it is, so check the heater voltage.
 ● When using the 200V power supply, change the heater line to 200V specification.

