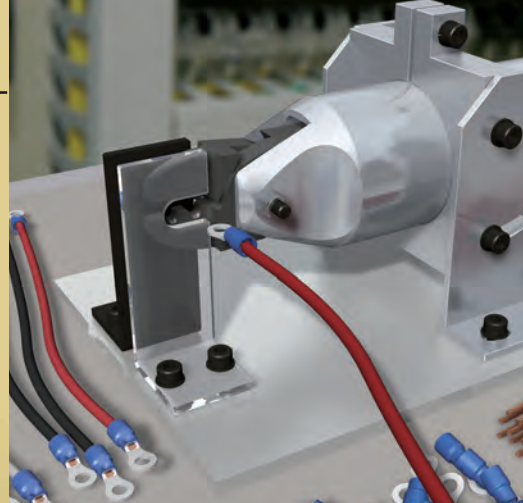


No. GT-NR20

Air Nippers For Cutting and Crimping



Various models are available:
Square type for automation cutting equipment;
Round type, together with optional stand,
for resin or direct gate-cutting;
Lever type for manual operation.



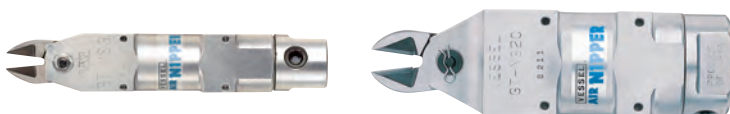
No. GT-NR20

Air Nipper Round-Type without Lever

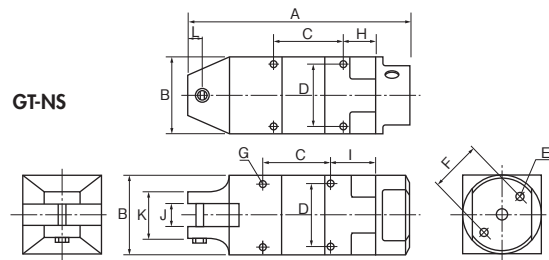
A tough body for hard jobs. The parts machined at high precision enable smooth cutting jobs to be accomplished.
With convenient scales facilitating the installation position adjustment.

No. GT-NS3/5/7/10L/20/30 Square Air Nippers

●VESSEL provides a generous selection of blades for gate-cutting of resin molded products and various wire cutting in a welding automatic machine and wire winding machine. 

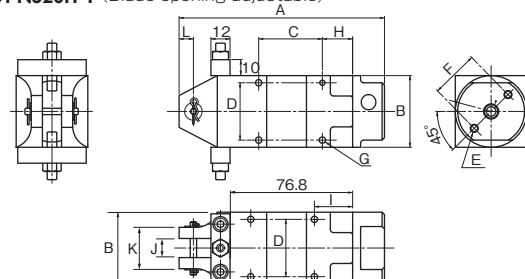


- The position of air intake port is 180-degree rotatable.
- Two air intake ports are provided, so they can be switched depending on the mounting place.



Made-to-order

GT-NS20H-1 (Blade opening adjustable)



Reference

Capacity ϕ (mm)				Model No.	Size (mm)												Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Hose coupling	EDP No.
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D	E	F	G	H	I	J	K	L					
2.0		1.0	0.5	GT-NS3	110	23	40	19	M3 Depth8	17	M3 Depth3.5	19	24	7	23	7	45	0.4~0.5	95	Rc 1/8	360012
2.0		1.0	0.5	GT-NS5	94	30	30	24	M4 Depth10	20	M3 Depth5	14	19	7	23	7	64	0.4~0.5	135		360013
3.0	2.0	1.6	1.0	GT-NS7	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	9	23	7	116	0.4~0.5	215		360014
4.0	2.6	1.8	1.2	GT-NS10L	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	12	26	7	116	0.5~0.6	215		360009
7.0	5.0	2.6	2.0	GT-NS20	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	12	26	9	230	0.5~0.6	370		360010
10.0	6.5	3.3	2.8	GT-NS30	170	56	60	46	M6 Depth12	40	M5 Depth10	20	30	17	36	15	584	0.5~0.6	685		360011
7.0	5.0	2.6	2.0	GT-NS20H-1	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	12	26	9	230	0.5~0.6	455		—

※The capacity in the above table is given for reference, when mounting a standard type of blade.

The capacity depends on the blade shape and the material of the object to cut.

• Air hose inner dia. : 5mm • Overall length and Weight: Accessories not included.

• Check the dimensions of the VESSEL nippers and blades when installing them in an automation machine (outer diameter of the frame, screw diameter, distance between installation screws, and others)

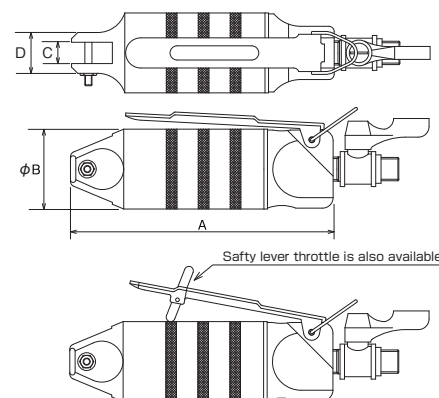
• The GT-NS50 is available as made-to-order. Please consult us for more detail.

No. GT-N3/5/7/10/12/20/30/50 Hand Held Air Nippers

●VESSEL's made-to-order blades provide solutions for a virtually unlimited range of needs, leading to safer and more efficient working conditions, and less fatigue for the operator. 



- N20, N30 and N50 have the air cock.



Safety lever throttle is also available.

Reference

Capacity ϕ (mm)				Model No.	Size (mm)				Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Body	Hose coupling	EDP No.
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D						
2.0	1.0	0.5		GT-N3	112	23	7	14	45	0.4~0.5	95	Rc 1/8	Rc 1/4	360002
2.0	1.0	0.5		GT-N5	103	30	7	17	64	0.4~0.5	135	Rc 1/8		360003
3.0	2.0	1.6	1.0	GT-N7	123	34	9	17	116	0.4~0.5	180	Rc 1/4		360004
4.0	2.6	1.8	1.2	GT-N10	132	34	9	17	116	0.4~0.5	185	Rc 1/4		360005
4.5	4.0	2.3	1.7	GT-N12	142	36	12	20	116	0.5~0.6	210	Rc 1/4		360006
7.0	5.0	2.6	2.0	GT-N20	148	45	12	23	230	0.5~0.6	375	Rc 1/4		360007
10.0	6.5	3.3	2.8	GT-N30	185	56	17	30	584	0.5~0.6	625	Rc 1/4		360008
				GT-N50	237	75	25.2	43	1,170	0.5~0.6	1,220	Rc 1/4		360001
	5.5	4.5												

※The capacity in the above table is given for reference, when mounting a standard type of blade. The capacity depends on the blade shape and the material of the object to cut.

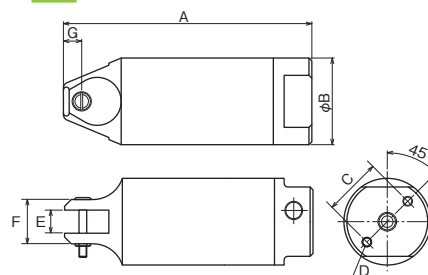
• Hose coupling: R 1/4 • Air hose inner dia. : 5 mm • Overall length: Accessories, Hunger not included. • Weight: Accessories not included.

No. GT-NR3/5/7/10L/20/30/50 Air Nipper Round-Type without Lever

- The position of air intake port is 180-degree rotatable.
- Two air intake ports are provided, so they can be switched depending on the mounting place.



- The NR20 has a scale for installation guide on both sides.



Reference

Capacity ϕ (mm) Soft Plastic Hard Plastic Copper Steel	Model No.	Size (mm)							Air Consumption ($\text{cm}^3/\text{str.}$)	Air Pressure (MPa)	Weight (g)	Hose coupling	EDP No.
		A	B	C	D	E	F	G					
2.0 1.0 0.5	GT-NR3	110	23	17	M3 Depth8	7	14	7	45	0.4~0.5	70	Rc 1/8	360015
2.0 1.0 0.5	GT-NR5	94	30	20	M4 Depth10	7	17	7	64	0.4~0.5	110		360016
3.0 2.0 1.6 1.0	GT-NR7	113	34	22	M4 Depth10	9	17	7	116	0.4~0.5	150		360017
4.0 2.6 1.8 1.2	GT-NR10L	113	36	24	M4 Depth10	12	20	7	116	0.5~0.6	215		360018
7.0 5.0 2.6 2.0	GT-NR20	129	45	30	M5 Depth12	12	23	9.5	230	0.5~0.6	280		360019
10.0 6.5 3.3 2.8	GT-NR30	165	56	40	M6 Depth12	17	30	10.5	584	0.5~0.6	505	Rc 1/4	360020
12.0 6.5 5.5 4.5	GT-NR50	222	75	50	M8 Depth12	25.2	43	15	1,170	0.5~0.6	1,190		360024

※The capacity in the above table is given for reference, when mounting a standard type of blade.
The capacity depends on the blade shape and the material of the object to cut.
• Air hose inner dia.: 5mm • Overall length and Weight: Accessories not included.

※Before mounting on dedicated/automatic machines, check the following product dimensions.
(Flame O.D., screw dia. (screw to screw) dimensions, etc.)
※Capacity (ϕ) is for reference purpose only. It varies depending on products.

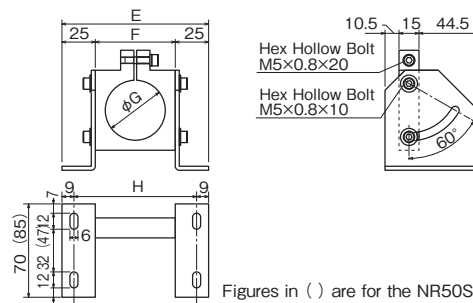
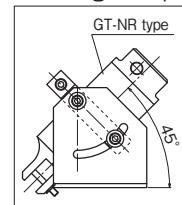
No. NR10LST/20ST/30ST/50ST Stand for GT-NR

- Fixing hardware for sprue cutting of direct gates or mounting to an automatic machine.
- Mounted angle can be adjusted (0 to 60°).



Model No.	Size (mm)				Weight (g)	EDP No.
	E	F	G	H		
NR10LST	102	52	36	84	335	360057
NR20ST	110	60	45	92	385	360058
NR30ST	130	80	56	112	535	360059
NR50ST [Option]	150	100	75	132	835	—

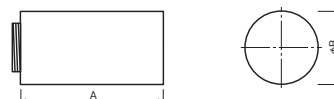
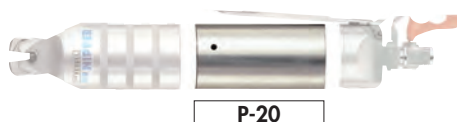
Mounting example



Figures in () are for the NR50ST

No. P-10L/20/30/50 Extra Pressure Boosters

- This unit is to be used in case the originally required pressure is not obtainable by the limit of space and air pressure.



Reference

Capacity ϕ (mm) Soft Plastic Hard Plastic Copper Steel	Applicable models	Model No.	Size (mm)		Air Consumption ($\text{cm}^3/\text{str.}$)	Air Pressure (MPa)	Weight (g)	EDP No.
			A	B				
5.0 4.0 2.6 1.6	NS10L, NR10L, N12	P-10L	71	36	223	Up to 0.5MPa	115	360051
8.0 6.0 3.0 2.2	N20, NS20, NR20	P-20	87	45	508	Up to 0.5MPa	215	360052
13.0 7.0 4.8 4.0	N30, NS30, NR30	P-30	92	56	956	Up to 0.5MPa	330	360053
6.5 5.5	N50, NR50	P-50	133	75	2,670	Up to 0.5MPa	840	360054

※The capacity in the above table is given for reference, when mounting a standard type of blade. The capacity depends on the blade shape and the material of the object to cut.
• Above figures of overall length and the weight are defined for the extra booster specs only. And these figures in the installation.

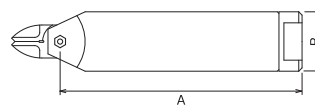
※Blades are optional.

No. GT-NWR10/20/30 GT-NWS1/10/20/30 Double Action Air Nippers

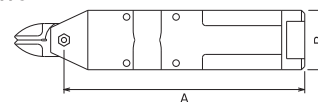
- Blade opening and closing is driven by air piston.
- Having no spring mechanism in the main unit facilitates maintenance.



GT-NWR



GT-NWS



Model No.	Capacity ϕ (mm)			Air Consumption (cm ³ /str.)	Applied Pressure (N)	Air Pressure (MPa)	Size (mm)		Weight (g)	EDP No.
	Copper	Steel	ABS Plastic				A	B		
Double Action Air Scissors (Round Type without Lever)										
GT-NWR10	1.8	1.2	4.0	116	588	0.4~0.5	146	$\phi 36$	280	360710
GT-NWR20	2.6	2.0	6.5	230	1,372	0.5~0.6	165	$\phi 45$	523	360711
GT-NWR30	3.3	2.8	9.5	584	2,744	0.5~0.6	230.5	$\phi 56$	980	360712
Double Action Air Scissors (Square Type)										
GT-NWS1	1.0	0.5	2.0	45	294	0.4~0.5	95	23×20	116	360702
GT-NWS10	1.8	1.2	4.0	116	588	0.4~0.5	146	36×36	356	360706
GT-NWS20	2.6	2.0	6.5	230	1,372	0.5~0.6	165	45×45	610	360707
GT-NWS30	3.3	2.8	9.5	584	2,744	0.5~0.6	230.5	56×56	1115	360708

NEW

No. GT-NB20/30/20LW/30LW

Sliding Air Nippers Bracket-Type

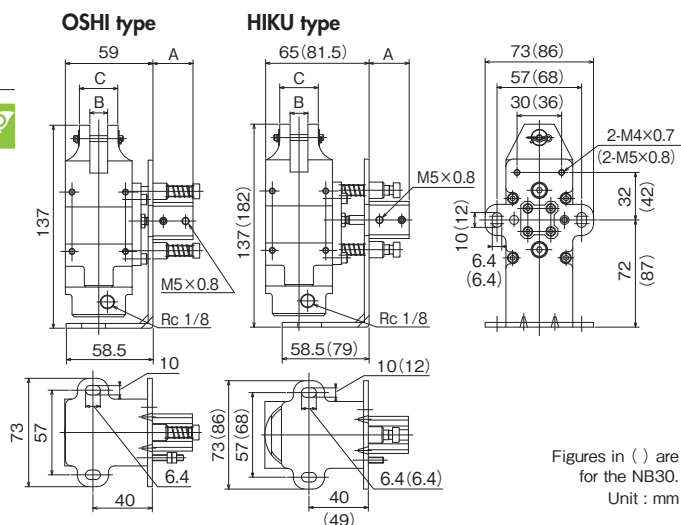
- VESSEL has achieved smooth and continuous slide movement even for large diameter gate cuts, which produces a large shock at each cut.



GT-NB20LW-10TM
Slide Mechanism Accurate Model



GT-NB20



Model No.	Dimensions (mm)			Slide Direction/ Distance (mm)	Weight (g)	EDP No.
	A	B	C			
GT-NB20 (5-OSHI)	22	12	26	Push 0~5	755	360073
GT-NB20 (5-HIKU)	22	12	26	Pull 0~5	755	360071
GT-NB20 (10-OSHI)	27	12	26	Push 0~10	755	360074
GT-NB20 (10-HIKU)	27	12	26	Pull 0~10	755	360072
GT-NB30 (10-HIKU)	28.5	17	36	Pull 0~10	1,420	360076
GT-NB20LW-10TM	28.5	12	26	Pull 0~10	795	360069
GT-NB30LW-10TM	29.5	17	36	Pull 0~10	1,315	360077
GT-NB20LW-10SM	28.5	12	26	Push 0~10	795	360068
GT-NB30LW-10SM	29.5	17	36	Push 0~10	1,325	360078

