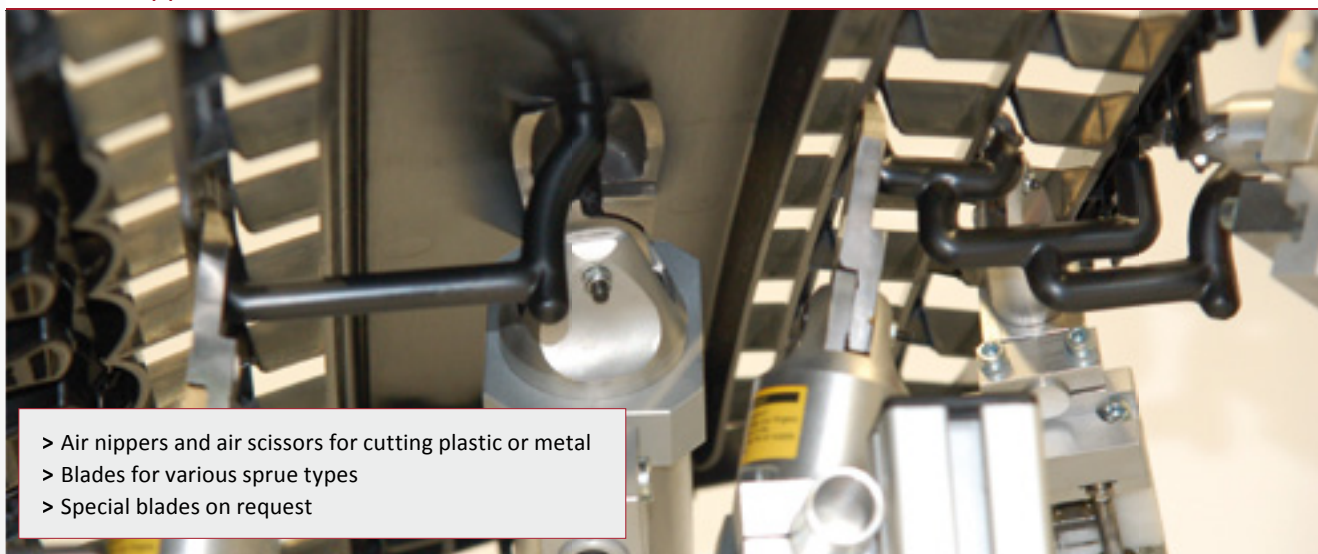


Air nippers at a glance	257
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FIPA Air nippers



- > Air nippers and air scissors for cutting plastic or metal
- > Blades for various sprue types
- > Special blades on request



Air nippers for manual or automatic operation

- > Installation on robot arms or cutting stations
- > Cutting off sprues as well as cutting metal wire
- > Round or square body
- > See page 262



Stationary air nippers with / without lift

- > Installation on cutting stations or automated equipment
- > Adjustable lift for cutting flush to the workpiece
- > Double-acting models for short cycles
- > See page 278



Air scissors for manual or automatic operation

- > Cutting of special plastics and textiles
- > Double-acting models for short cycles
- > See page 292



Blades for plastic or metal

- > Blades for various sprue types
- > Special blades on request
- > See pages after respective nipper type



Blades for plastic - nippers for manual and automatic operation

Item number	Page	Cutting capacity [mm]		Air nippers		
		PP/PE	ABS	GT-N [manually]	GT-NR [round]	GT-NS [rectangular]
Straight cutting edge						
	Standard type					
	N3AJ	2	--	x	x	x
	N10LAB2	4	2.6	x	x	x
	N20AJ	7	5	x	x	x
	N20AB39	7	5	x	--	x
	N30AJ	10	6.5	x	x	x
	Extra long blade					
	N20AJL	7	5	x	x	x
	N30AJL	10	6.5	x	x	x
	N50AJL	15	8	x	x	x
Angled cutting edge						
	Blade with flat angle					
	N3AP	2	--	x	x	x
	N5AP	2	--	x	x	x
	N7AP	3	2	x	x	x
	N10AP	4	2.6	x	--	--
	N10LAB152	4	2.6	x	--	x
	N10LAP	4	2.6	--	x	x
	N12AP	4.5	4	x	--	--
	N20AA239	6	4	x	--	x
	N20AA27	6.5	4.5	x	--	x
	N20AB360	7	5	--	--	x
	N30AA114	10	6.5	x	x	x
	N30AP	10	6.5	x	x	x
	N50AB	15	8	--	x	x
	N50ABH41	18	8	--	x	x
	Blade with deep angle					
	N7PF	3	2	x	x	x
	N10LPF	4	2.6	--	x	x
	N20PF	7	5	x	x	x
	N30PF	10	6.5	x	x	x
Laterally facing blades						
	Blade with 90° laterally facing cutting edge					
	N20AML	10x1.5	8x1	x	x	x
	N20AMR	10x1.5	8x1	x	x	x
	N30AML	15x2	10x1.5	x	x	x
	N30AMR	15x2	10x1.5	x	x	x
Blades, L-shape						
	Long blade with 90° angle					
	N20AL	7	5	x	x	x
	N30AL525	10	6.5	x	x	x



Blades for plastic - nippers for manual and automatic operation

Item number	Page	Cutting capacity [mm]		Air nippers			
		PP/PE	ABS	GT-N [manually]	GT-NR [round]	GT-NS [rectangular]	
Blades, Z-shape		Offset blade					
	N20AH	272	7	5	x	x	x
	N30AH		10	6.5	x	x	x
Blades, nipper style		For cutting applications					
	N3AE	273	2	--	x	x	x
	N5AE		2	--	x	x	x
	N7AE		3	2	x	x	x
	N10AE		4	2.6	x	x	x
	N20AE		7	5	x	x	x
	N30AE		10	6.5	x	x	x
	N50AE		12	6.5	x	x	--

Blades for metal - nippers for manual and automatic operation

Item number	Page	Cutting capacity [mm]			Air nippers			
		Copper wire	Steel wire	Piano wire	GT-N [manually]	GT-NR [round]	GT-NS [rectangular]	
Straight cutting edge								
	Blade with an unbeveled edge (anvil principle) to cut thin wire							
	N3BJ	274	1	0.5	--	x	x	x
	N5BJ		1	0.5	--	x	x	x
	N7BJ		1.6	1	--	x	x	x
	Blade in clipper type shape with carbide tips to cut thicker wire or thin pipe							
N20BFB	274	2.6	2	1.2	x	x	x	
N50AS		5.5	4.5	--	x	x	--	
Angled cutting edge								
	Blade with an unbeveled edge (anvil principle) to cut thin wire							
	N3AS	276	1	0.5	--	x	x	x
	N3HS		1	0.5	0.2	x	x	x
	N5AS		1	0.5	--	x	x	x
	N5HS		1	0.5	0.3	x	x	x
	N7AS		1.6	1	--	x	x	x
	N7HS		1.6	1	0.5	x	x	x
	N10AS		1.8	1.2	--	x	--	--
	N10HS		2.3	1.7	--	x	--	--
	N10LAS		1.8	1.2	--	--	x	x
	N12AS		2.3	1.7	--	x	--	--
	N12HS		1.3	2.7	--	x	--	--
	N20AS		2.6	2	--	x	x	x
	N20HS		2.6	2	1	x	x	x
	N30AS		3.3	2.8	--	x	x	x
Blade with an unbeveled edge (anvil principle) and carbide tips								
N30BBB	276	3.3	2.8	1.2	x	x	x	
Blade with carbide tips								
N50BBB	276	5.5	4.5	2	x	x	--	



Blades for plastic - stationary nippers with or without lift

Item number	Page	Cutting capacity [mm]		Air nippers	
		PP/PE	ABS	GT-NF [without lift]	GT-NY [with lift]
Straight cutting edge					
	Standard type				
	NY05AJ	3	2	x	x
	NY10AJ	3.5	2.3	x	x
	NY15AJ	4	2.6	x	x
	NY20AJ	5	3.4	x	x
Reverse cutting edge, if cutting flush to workpiece with blade "AJ" is not possible					
NY05RAJ	3	2	x	x	
NY10RAJ	3.5	2.3	x	x	
NY15RAJ	4	2.6	x	x	
NY25RAJ	5	3.4	x	x	
Extra long blade					
NY05AJL	3	2	x	x	
NY10AJL	3.5	2.3	x	x	
NY15AJL	4	2.6	x	x	
NY25AJL	5	3.4	x	x	
Extra thin blade for restricted spaces					
NY05AJT	3	2	x	x	
NY10AJT	3.5	2.3	x	x	
NY15AJT	4	2.6	x	x	
Soldered carbide tip for cutting hard plastics or plastics containing fiber glass					
NY05AJB	3	2	x	x	
NY10AJB	3.5	2.3	x	x	
NY15AJB	4	2.6	x	x	
NY25AJB	5	3.4	x	x	
Blades, Z-shape					
	Offset blade for overcoming obstacles or for narrow sprues				
	NY05AH	3	2	x	x
	NY10AH	3.5	2.3	x	x
	NY15AH	4	2.6	x	x
	NY25AH	5	3.4	x	x
Reverse cutting edge, if cutting flush to workpiece with blade "AH" is not possible					
NY05RAH	3	2	x	x	
NY10RAH	3.5	2.3	x	x	
NY15RAH	4	2.6	x	x	
NY25RAH	5	3.4	x	x	

Blades for metal - stationary nippers with or without lift

Item number	Page	Cutting capacity [mm]		Air nippers		
		Copper wire	Steel wire	GT-NF [without lift]	GT-NY [with lift]	
Straight cutting edge						
	Blade with an unbeveled edge (anvil principle)					
	NY05BJ	286	1.6	1	x	x
	NY05RBJ		1.6	1	x	x



Blades for plastic - vertical stationary nippers with lift

Item number	Page	Cutting capacity [mm]		Air nippers	
		PP/PE	ABS	GT-NT	
Straight cutting edge					
	Standard type				
	NT03AJ	289	1.5	1	x
	NE05AJ		2.5	1.5	x
	NT05AJ		2.5	1.5	x
	NE10AJ		3.5	2.3	x
	NT10AJ		3.5	2.3	x
	NT20AJ		5	3.4	x
Extra long blade					
NT05AJL	289	2.5	1.5	x	
NT10AJL		3.5	2.3	x	
NT20AJL		5	3.4	x	
Extra thin blade for restrited spaces					
NT03AJT	289	1.5	1	x	
NT05AJT		2.5	1.5	x	
NT10AJT		3.5	2.3	x	
Blade with HSS-tip for cutting hard plastic					
NT05AJH	289	2.5	1.5	x	
NT10AJH		3.5	2.3	x	
NT20AJH		5	3.4	x	
Carbide tip for cutting hard plastic or plastic with glass fiber					
NT05AJB	289	2.5	1.5	x	
NT10AJB		3.5	2.3	x	
NT20AJB		5	3.4	x	
Blades, pliers shape					
	For universal cutting applications				
	NT05AE	291	2.5	1.5	x
	NT10AE		3.5	2.3	x

Blades for air scissors

Item number	Page	Cutting capacity [mm]		Air nippers		
		Kevlar	Bandstahl	GT-NWR [round]	GT-NWS [rectangular]	
Blades for single-acting air scissors for cutting kevlar, aramid, glass or carbon fiber						
	293	H30ME	1	--	x	x
		H30MEL	1	--	x	x
		H12ME30K	0.3	--	x	--
		H120SK	--	15 x 0.5	x	--

Item number	Page	Cutting capacity [mm]		Air nippers		
		Copper wire	Steel wire	GT-HWR [round]	GT-HWS [rectangular]	
Blades for double-acting air scissors for cutting copper or steel wire						
	HW1J	295	1	0.5	x	x
	HW10J		1.8	1.2	--	x

Air nippers for manual operation

AIR NIPPERS FOR PLASTIC AND METAL



Product description

- > Manually operated air nippers with safety lever
- > Round shaped body with knurling for safe grip

Notes

- > GT-N20, N30 and N50 come with stopcock to lock compressed air supply

Ordering notes

- > Pressure booster to increase cutting force optional available

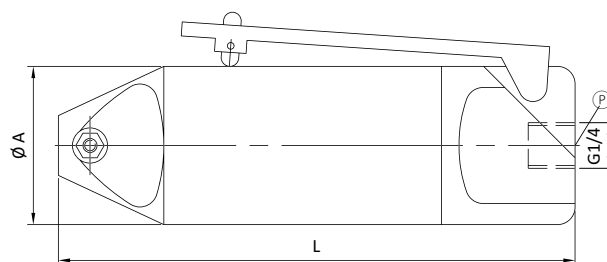
Technical data

Item no.	Max. cutting force [N]	Operating pressure [bar]	Height blade [mm]	Connection [G]	Weight [g]	Pressure amplifier
GT-N3	294	4 - 5	7	G1/4	100	--
GT-N5	392	4 - 5	7	G1/4	140	--
GT-N7	490	4 - 5	9	G1/4	190	--
GT-N10	588	4 - 6	9	G1/4	200	P-10L (p.265)
GT-N12	735	5 - 6	12	G1/4	220	P-10L (p.265)
GT-N20	1.372	5 - 6	12	G1/4	430	P-20 (p.265)
GT-N30	2.744	5 - 6	17	G1/4	685	P-30 (p.265)
GT-N50	4.704	5 - 6	25.2	G1/4	1.22	P-50 (p.265)

Dimensions

Ø A [mm]	L [mm]
23	112
30	103
34	123
34	132
36	132
45	156
56	193
75	237

Dimensions



Ⓟ = Compressed air connection



Air nippers - automatic, round / square

AIR NIPPERS FOR PLASTIC AND METAL



Air nippers, round



Air nippers, square

Product description

- > Air nippers for EOAT robot arms or cutting stations
- > Round body can be mounted in any angle position
- > Square body comes with bore holes on five surfaces
- > Rear air connection can be rotated 180°

Notes

- > GT-NS20H-1: Air nipper with adjustable cutting opening

Ordering notes

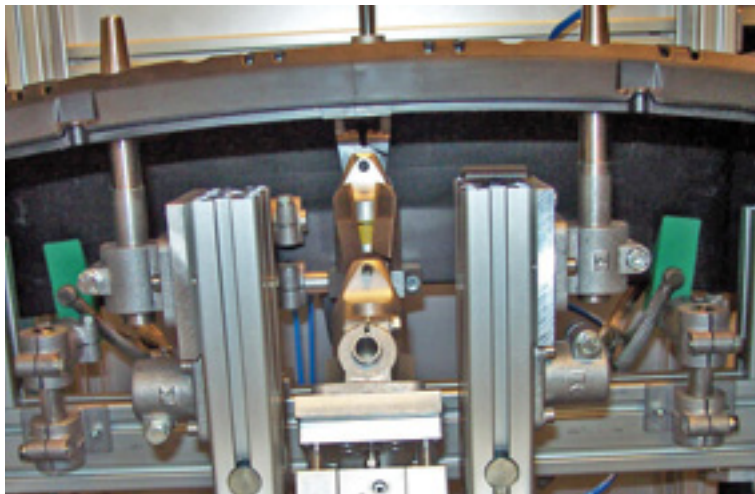
- > Pressure booster to increase cutting force optional available

Technical data

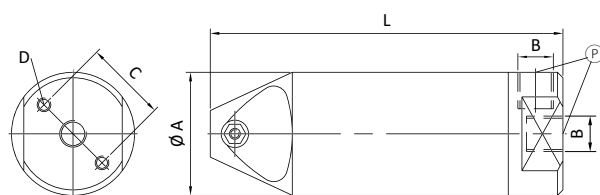
Item no.	Housing	Max. cutting force [N]	Operating pressure [bar]	Height blade [mm]	Connection [G]	Accessories
GT-NR3	Round	294	4 - 5	7	G1/8	--
GT-NR5	Round	392	4 - 5	7	G1/8	--
GT-NR7	Round	490	4 - 5	9	G1/8	--
GT-NR10L	Round	588	4 - 6	12	G1/8	Mounting bracket GT-NR10H (p.296) Mounting bracket GT-NR10GR (p.299) Mounting bracket GT-NR10S (p.297) Mounting bracket GT-NR10ST2 (p.298) Pressure amplifier P-10L (p.265)
GT-NR20	Round	1.372	5 - 6	12	G1/8	Mounting bracket GT-NR20H (p.296) Mounting bracket GT-NR20S (p.297) Mounting bracket GT-NR20ST2 (p.298) Pressure amplifier P-20 (p.265)
GT-NR30	Round	2.744	5 - 6	17	G1/8	Mounting bracket GT-NR30H (p.296) Mounting bracket GT-NR30S (p.297) Mounting bracket GT-NR30ST2 (p.298) Pressure amplifier P-30 (p.265)
GT-NR50	Round	4.704	5 - 6	25.2	G1/4	Mounting bracket GT-NR50H (p.296) Mounting bracket GT-NR50ST2 (p.298) Pressure amplifier P-50 (p.265)
GT-NS2	Square	264	4 - 5	7	G1/8	--
GT-NS3	Square	294	4 - 5	7	G1/8	--
GT-NS5	Square	392	4 - 5	7	G1/8	--
GT-NS7	Square	490	4 - 5	9	G1/8	--
GT-NS10L	Square	588	4 - 6	12	G1/8	Pressure amplifier P-10L (p.265)
GT-NS20	Square	1.372	5 - 6	12	G1/8	Pressure amplifier P-20 (p.265)
GT-NS20H-1	Square	1.372	5 - 6	12	G1/8	Pressure amplifier P-20 (p.265)
GT-NS30	Square	2.744	5 - 6	17	G1/8	Pressure amplifier P-30 (p.265)

Continued on the next page →

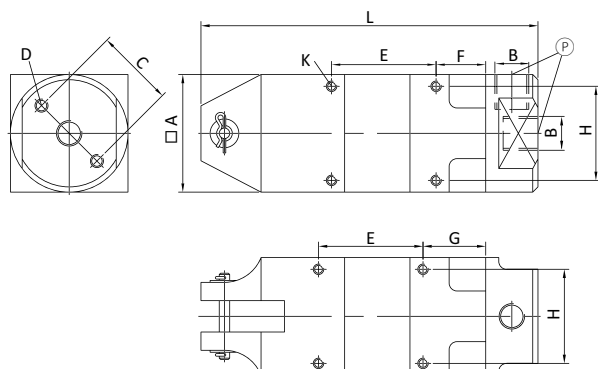
Application example



Dimensions



GT-NR3 | GT-NR5 | GT-NR7 | GT-NR10L |
GT-NR20 | GT-NR30 | GT-NR50



GT-NS2 | GT-NS3 | GT-NS5 | GT-NS7 | GT-NS10L |
GT-NS20 | GT-NS20H-1 | GT-NS30

(P) = Compressed air connection

Item no.	A [mm]	B	C [mm]	D	E [mm]	F [mm]	G [mm]	H [mm]	K	L [mm]
GT-NR3	23	G1/8	17	M3	--	--	--	--	--	110
GT-NR5	30	G1/8	20	M4	--	--	--	--	--	94
GT-NR7	34	G1/8	22	M4	--	--	--	--	--	113
GT-NR10L	36	G1/8	24	M4	--	--	--	--	--	113
GT-NR20	45	G1/8	30	M5	--	--	--	--	--	129
GT-NR30	56	G1/8	40	M6	--	--	--	--	--	165
GT-NR50	75	G1/4	50	M8	--	--	--	--	--	222
GT-NS2	20	G1/8	--	--	40	19	24	16	M3x4	109
GT-NS3	23	G1/8	17	M3x8	40	19	24	19	M3x3.5	110
GT-NS5	30	G1/8	20	M4x10	30	14	19	24	M3x5	94
GT-NS7	36	G1/8	24	M4x10	30	18	23	28	M4x5.5	113
GT-NS10L	36	G1/8	24	M4x10	30	18	23	28	M4x5.5	113
GT-NS20	45	G1/8	30	M5x12	40	19	24	36	M4x7	129
GT-NS20H-1	45	G1/8	30	M5x12	40	19	24	36	M4x7	129
GT-NS30	56	G1/8	40	M6x12	60	20	30	46	M5x10	170



Pressure booster for air nippers GT-N, GT-NR, GT-NS



Air nippers GT-NS20 with pressure booster

Product description

- > Pressure booster for retrofitting
- > Increase in cutting force if the required cutting force cannot be achieved with a standard nipper

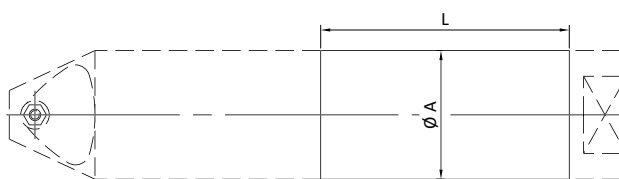
Ordering notes

- > Order example air nipper GT-N20 incl. booster P-20: GT-NP20

Technical data

Item no.	Total cutting force [N]	Weight [g]	Air nippers
P-10L	980	110	GT-N10 (p.262) GT-NR10L (p.263) GT-NS10L (p.263) GT-N12 (p.262)
P-20	2,254	208	GT-N20 (p.262) GT-NR20 (p.263) GT-NS20 (p.263)
P-30	4,410	315	GT-N30 (p.262) GT-NR30 (p.263) GT-NS30 (p.263)
P-50	7,742	776	GT-N50 (p.262) GT-NR50 (p.263)

Dimensions



Item no.	Ø A [mm]	L [mm]
P-10L	36	71
P-20	45	87
P-30	56	92
P-50	75	133

Blades for plastic, straight



Product description

- > Blades with straight cutting edge for clean cuts

Notes

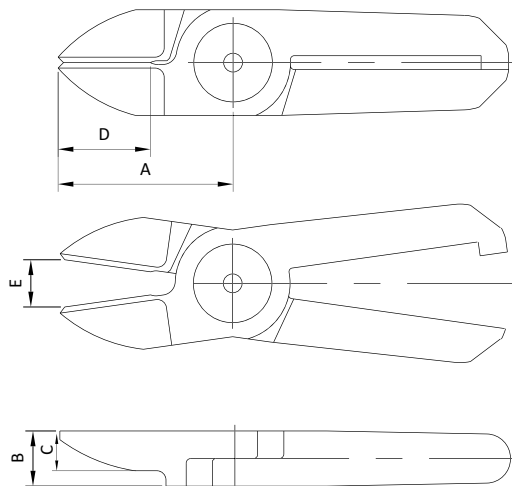
- > AJ, LAB2 and AB39: Standard blade
- > AJL: Blade extra long

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
N3AJ	Ferrous alloy	2	--	40	GT-N3 (p.262) GT-NR3 (p.263) GT-NS3 (p.263)
N10LAB2	Ferrous alloy	4	2.6	120	GT-N10 (p.262) GT-NR10L (p.263) GT-NS10L (p.263)
N20AJ	Ferrous alloy	7	5	125	GT-N20 (p.262) GT-NS20 (p.263) GT-NR20 (p.263)
N20AB39	Ferrous alloy	7	5	185	GT-N20 (p.262) GT-NS20 (p.263)
N20AJL	Ferrous alloy	7	5	230	GT-N20 (p.262) GT-NR20 (p.263) GT-NS20 (p.263)
N30AJ	Ferrous alloy	10	6.5	370	GT-N30 (p.262) GT-NR30 (p.263) GT-NS30 (p.263)
N30AJL	Ferrous alloy	10	6.5	470	GT-N30 (p.262) GT-NR30 (p.263) GT-NS30 (p.263)
N50AJL	Ferrous alloy	15	8	1,430	GT-N50 (p.262) GT-NR50 (p.263)



Dimensions



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
N3AJ	24	7	4	12	5.5
N10LAB2	61	12	7	36	10
N20AJ	35	12	8	18	11
N20AB39	61	12	7	36	14
N20AJL	65	12	7	20	16
N30AJ	52	17	8	28	11
N30AJL	75	17	8	25	19
N50AJL	110	25	15	35	26

Blades for plastic, angled



Model PF

Product description

- > Blades with angled cutting edge

Notes

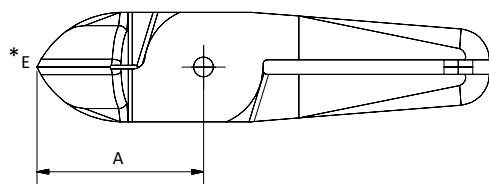
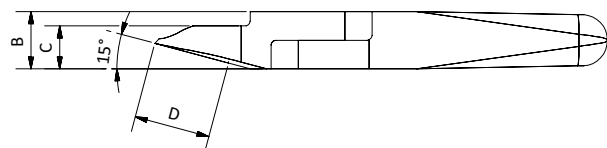
- > PF: Blades with deep angle
- > All other blades with standard angle

Technical data

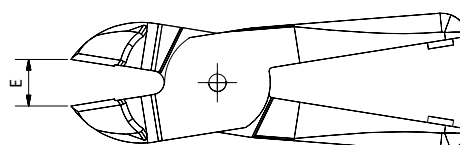
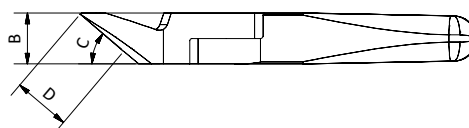
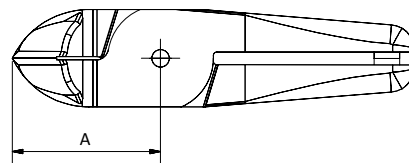
Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
N3AP	Ferrous alloy	2	--	35	GT-N3 (p.262), GT-NR3 (p.263), GT-NS3 (p.263)
N5AP	Ferrous alloy	2	--	40	GT-N5 (p.262), GT-NR5 (p.263), GT-NS5 (p.263)
N7AP	Ferrous alloy	3	2	80	GT-N7 (p.262), GT-NR7 (p.263), GT-NS7 (p.263)
N7PF	Ferrous alloy	3	2	80	GT-N7 (p.262), GT-NR7 (p.263), GT-NS7 (p.263)
N10AP	Ferrous alloy	4	2.6	85	GT-N10 (p.262)
N10LAB152	Ferrous alloy	4	2.6	165	GT-N10 (p.262), GT-NR10L (p.263)
N10LAP	Ferrous alloy	4	2.6	120	GT-NR10L (p.263), GT-NS10L (p.263)
N10LPF	Ferrous alloy	4	2.6	120	GT-NR10L (p.263), GT-NS10L (p.263)
N12AP	Ferrous alloy	4.5	4	135	GT-N12 (p.262)
N20AA239	Ferrous alloy	6	4	195	GT-N20 (p.262), GT-NS20 (p.263)
N20AA27	Ferrous alloy	6.5	4.5	145	GT-N20 (p.262), GT-NS20 (p.263)
N20AB360	Ferrous alloy	7	5	185	GT-NS20 (p.263)
N20AP	Ferrous alloy	7	5	125	GT-NS20 (p.263), GT-N20 (p.262), GT-NR20 (p.263)
N20PF	Ferrous alloy	7	5	130	GT-N20 (p.262), GT-NR20 (p.263), GT-NS20 (p.263)
N30AA114	Ferrous alloy	10	6.5	385	GT-N30 (p.262), GT-NR30 (p.263), GT-NS30 (p.263)
N30AP	Ferrous alloy	10	6.5	380	GT-N30 (p.262), GT-NR30 (p.263), GT-NS30 (p.263)
N30PF	Ferrous alloy	10	6.5	390	GT-N30 (p.262), GT-NR30 (p.263), GT-NS30 (p.263)
N50AB	HSS steel	15	8	1,100	GT-N50 (p.262), GT-NR50 (p.263)
N50ABH41	HSS steel	18	8	1,000	GT-N50 (p.262), GT-NR50 (p.263)



Dimensions



N3AP | N5AP | N7AP | N10AP |
N10LAP | N12AP | N20AP | N30AP



N7PF | N10LPF | N20PF | N30PF

* = width of opening

Item no.	A [mm]	B [mm]	C [°]	D [mm]	E [mm]
N3AP	24	7	15	11.5	4
N5AP	24	7	15	11.5	4
N7AP	27	9	30	11.5	4
N7PF	27	9	40	10.5	4
N10AP	27	9	30	11.5	5
N10LAB152	61	12	15	35	10
N10LAP	35	12	15	16	5
N10LPF	35	12	40	13.5	5
N12AP	35	12	15	16	5
N20AA239	52.3	12	40	27	14
N20AA27	45	12	23	25	12
N20AB360	61	12	15	35	16
N20AP	35	12	15	16	11
N20PF	35	12	40	13.5	11
N30AA114	76.3	17	30	50	20
N30AP	66	17	15	38	16
N30PF	58	17	30	25	15
N50AB	90	25	30	29	21
N50ABH41	119.6	25	30	40	29



Blades for plastic, laterally facing

NEW



Product description

- > Blades with 90° bend cutting edge for sprues in restricted spaces, e.g. sprues of two opposing parts

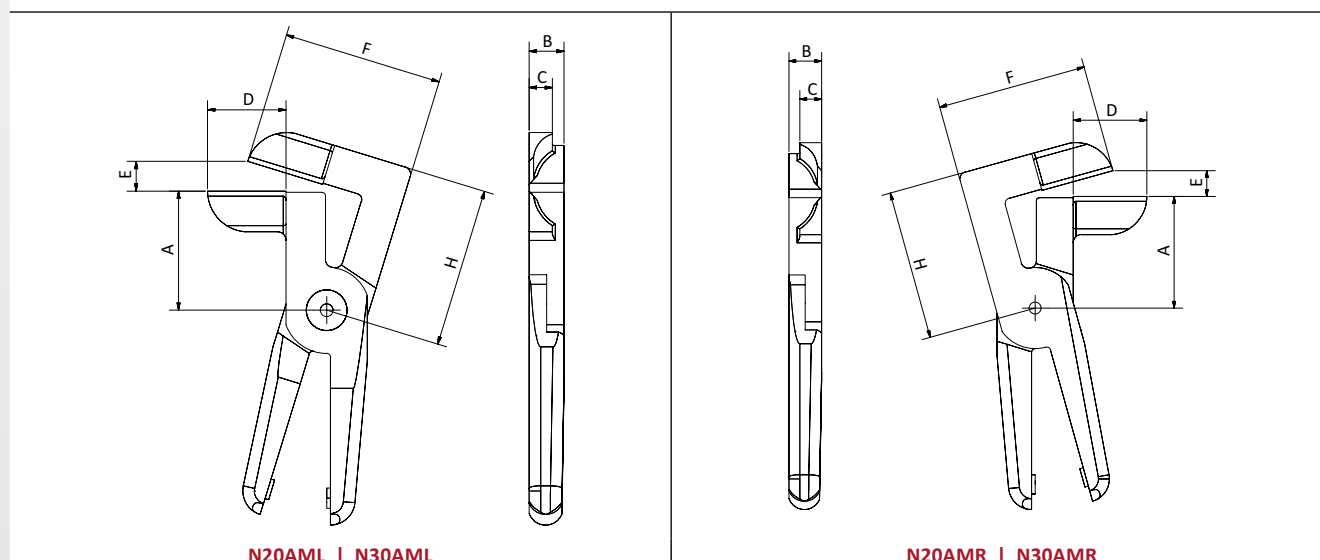
Notes

- > AML: Blade with left orientation
- > AMR: Blade with right orientation

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
N20AML	Ferrous alloy	10x1.5	8x1	270	GT-N20 (p.262), GT-NR20 (p.263), GT-NS20 (p.263)
N20AMR	Ferrous alloy	10x1.5	8x1	270	GT-NR20 (p.263), GT-NS20 (p.263), GT-N20 (p.262)
N30AML	Ferrous alloy	15x2	10x1.5	520	GT-N30 (p.262), GT-NR30 (p.263), GT-NS30 (p.263)
N30AMR	Ferrous alloy	15x2	10x1.5	520	GT-N30 (p.262), GT-NR30 (p.263), GT-NS30 (p.263)

Dimensions



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]
N20AML	41	12	8	27	9.5	55	55
N20AMR	41	12	8	27	9.5	55	55
N30AML	39	17	10	36	13	68	55
N30AMR	39	17	10	36	13	68	55



Blades for plastic, L Shape



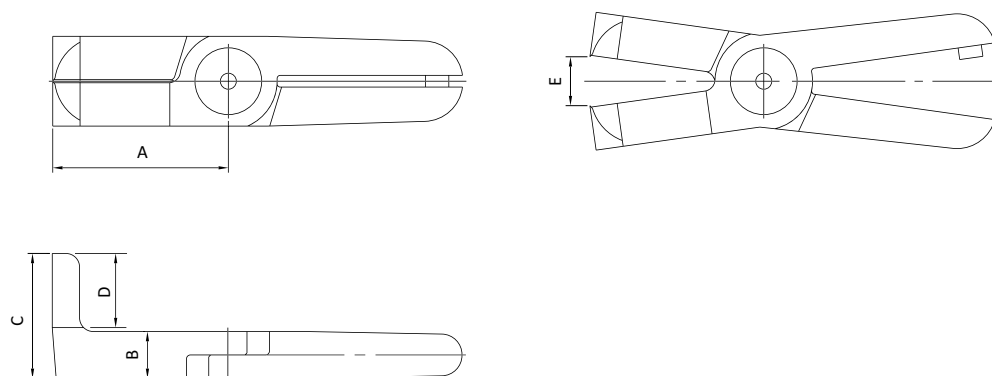
Product description

> Long blades with 90° angle for clean cuts

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
N20AL	Ferrous alloy	7	5	135	GT-N20 (p.262) GT-NR20 (p.263) GT-NS20 (p.263)
N30AL525	Ferrous alloy	10	6.5	395	GT-N30 (p.262) GT-NR30 (p.263) GT-NS30 (p.263)

Dimensions



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
N20AL	45	12	32	18	12
N30AL525	60	26	62	36	16



Singular blades for plastic, Z shape



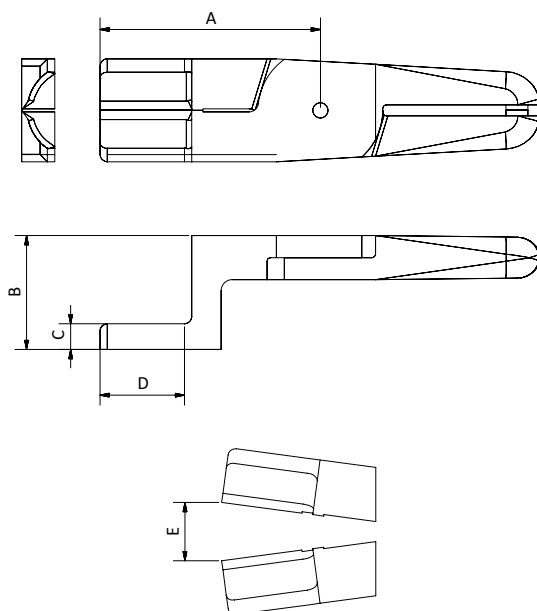
Product description

> Blades with offset cutting edge for overcoming obstacles or for narrow sprues

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
N20AH	Ferrous alloy	7	5	240	GT-N20 (p.262) GT-NR20 (p.263) GT-NS20 (p.263)
N30AH	Ferrous alloy	10	6.5	450	GT-N30 (p.262) GT-NR30 (p.263) GT-NS30 (p.263)

Dimensions



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
N20AH	60	31	7	23	16
N30AH	80	65	8	34	22



Blades for plastic, nipper style



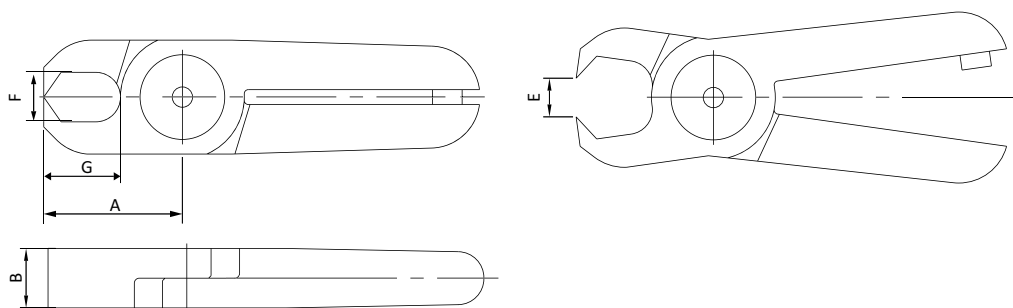
Product description

> Blades, nipper style, for cutting applications

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
N3AE	Ferrous alloy	2	--	35	GT-N3 (p.262), GT-NR3 (p.263), GT-NS3 (p.263)
N5AE	Ferrous alloy	2	--	40	GT-N5 (p.262), GT-NR5 (p.263), GT-NS5 (p.263)
N7AE	Ferrous alloy	3	2	85	GT-N7 (p.262), GT-NR7 (p.263), GT-NS7 (p.263)
N10AE	Ferrous alloy	4	2.6	120	GT-N10 (p.262), GT-NR10L (p.263), GT-NS10L (p.263)
N20AE	Ferrous alloy	7	5	135	GT-N20 (p.262), GT-NR20 (p.263), GT-NS20 (p.263)
N30AE	Ferrous alloy	10	6.5	395	GT-N30 (p.262), GT-NR30 (p.263), GT-NS30 (p.263)
N50AE	Ferrous alloy	12	6.5	1,000	GT-N50 (p.262), GT-NR50 (p.263)

Dimensions



Item no.	A [mm]	B [mm]	F x G [mm]	E [mm]
N3AE	20	7	6x11	3.5
N5AE	20	7	6x6.6	3.5
N7AE	26	9	8x14.8	4
N10AE	26	9	8x15.5	10
N20AE	28	12	10x15.5	8
N30AE	45	17	13x28	12
N50AE	128	25	70x10	30

Blades for metal, straight



Model BJ

Product description

- > Straight blades with one unbeveled cutting edge using the anvil principle or with carbide tips for extra strength

Notes

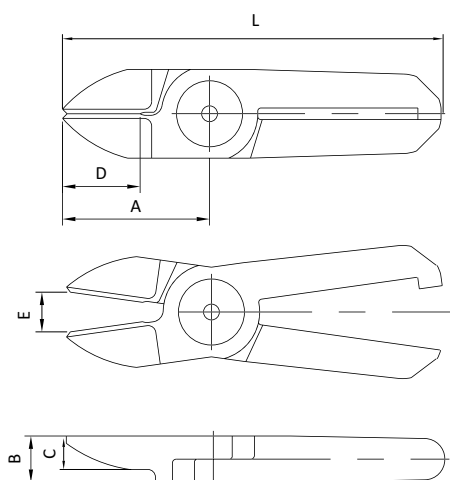
- > BJ: Blades using anvil principle to cut thin wire
- > N20BFB and N50AS: Blades in clipper type shape with carbide tips to cut thicker wire or thin pipes

Technical data

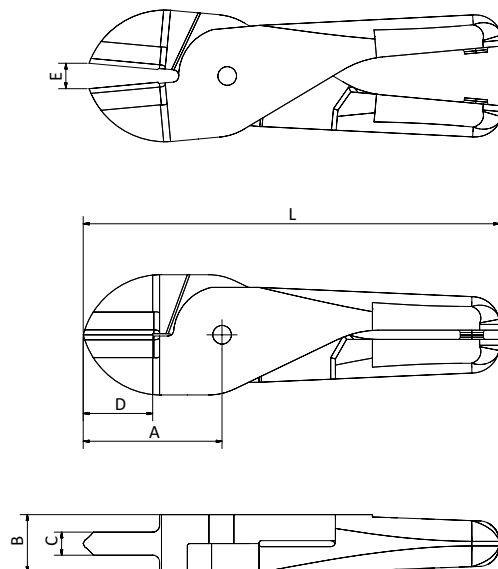
Item no.	Material	Max. cutting thickness [mm]			Weight [g]	Air nippers
		Copper wire	Steel wire	Piano wire		
N3BJ	Ferrous alloy	1	0.5	--	35	GT-N3 (p.262) GT-NR3 (p.263) GT-NS2 (p.263) GT-NS3 (p.263)
N5BJ	Ferrous alloy	1	0.5	--	40	GT-N5 (p.262) GT-NR5 (p.263) GT-NS5 (p.263)
N7BJ	Ferrous alloy	1.6	1	--	75	GT-N7 (p.262) GT-NR7 (p.263) GT-NS7 (p.263)
N20BFB	Sintered alloy	2.6	2	1.2	150	GT-N20 (p.262) GT-NR20 (p.263) GT-NS20 (p.263)
N50AS	Ferrous alloy	5.5	4.5	--	950	GT-N50 (p.262) GT-NR50 (p.263)



Dimensions



N3BJ | N5BJ | N7BJ



N20BFB | N50AS

Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	L [mm]
N3BJ	24	7	5.8	13	5	64
N5BJ	24	7	5.8	13	4	64
N7BJ	27	9	7.5	13	5	81
N20BFB	35	12	5	17	8	95
N50AS	60	25	10	30	11	180

Blades for metal, angled



Product description

> Blades with a beveled cutting edge using the anvil principle

Notes

> N30BBB and N50BBB: Blades with carbide tips to cut hard wire such as high steel wire or piano wire

Technical data

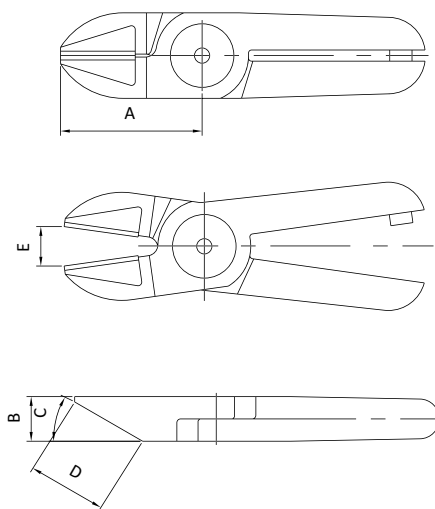
Item no.	Material	Max. cutting thickness [mm]			Weight [g]	Air nippers
		Copper wire	Steel wire	Piano wire		
N3AS	Ferrous alloy	1	0.5	--	35	GT-N3 (p.262) GT-NR3 (p.263) GT-NS3 (p.263)
N3HS	HSS steel	1	0.5	0.2	35	GT-N3 (p.262) GT-NR3 (p.263) GT-NS3 (p.263)
N5AS	Ferrous alloy	1	0.5	--	40	GT-N5 (p.262) GT-NR5 (p.263) GT-NS5 (p.263)
N5HS	HSS steel	1	0.5	0.3	40	GT-N5 (p.262) GT-NR5 (p.263) GT-NS5 (p.263)
N7AS	Ferrous alloy	1.6	1	--	80	GT-N7 (p.262) GT-NR7 (p.263) GT-NS7 (p.263)
N7HS	HSS steel	1.6	1	0.5	80	GT-N7 (p.262) GT-NR7 (p.263) GT-NS7 (p.263)
N10AS	Ferrous alloy	1.8	1.2	--	85	GT-N10 (p.262)
N10HS	HSS steel	2.3	1.7	--	85	GT-N10 (p.262)
N10LAS	Ferrous alloy	1.8	1.2	--	120	GT-NR10L (p.263) GT-NS10L (p.263)
N12AS	Ferrous alloy	2.3	1.7	--	135	GT-N12 (p.262)
N12HS	HSS steel	1.3	2.7	--	95	GT-N12 (p.262)
N20AS	Ferrous alloy	2.6	2	--	140	GT-N20 (p.262) GT-NR20 (p.263) GT-NS20 (p.263)
N20HS	HSS steel	2.6	2	1	135	GT-N20 (p.262) GT-NR20 (p.263) GT-NS20 (p.263)
N30AS	Ferrous alloy	3.3	2.8	--	370	GT-N30 (p.262) GT-NR30 (p.263) GT-NS30 (p.263)



Technical data

Item no.	Material	Max. cutting thickness [mm]			Weight [g]	Air nippers
		Copper wire	Steel wire	Piano wire		
N30BBB	Sintered alloy	3.3	2.8	1.2	365	GT-N30 (p.262) GT-NR30 (p.263) GT-NS30 (p.263)
N50BBB	Sintered alloy	5.5	4.5	2	955	GT-N50 (p.262) GT-NR50 (p.263)

Dimensions



Item no.	A [mm]	B [mm]	C [°]	D [mm]	E [mm]
N3AS	24	7	25	12	4
N3HS	24	7	25	12	4
N5AS	24	7	25	12	4
N5HS	24	7	25	12	4
N7AS	27	9	30	13.5	4
N7HS	27	9	30	13.5	4
N10AS	27	9	30	13.5	5
N10HS	27	9	30	13.5	5
N10LAS	35	12	30	20	5
N12AS	35	12	30	20	5
N12HS	35	12	30	20	9
N20AS	35	12	30	20	9
N20HS	26	12	40	10	7
N30AS	43	17	30	25	9
N30BBB	36	17	40	18	7
N50BBB	46	25	35	19	9



Nipper technology | Air nippers - stationary

Stationary air nippers - horizontal without lift

Stationary air nippers - horizontal without lift



AIR NIPPERS FOR PLASTIC AND METAL

Product description

- > Nippers, lightweight and compact, for easy installation in restricted spaces
- > To be used with cutting stations or automated equipment
- > Mounting holes at three sides

Notes

- > Max. blade opening and nipper length "K" refer to blades with index "AJ" resp. "RAJ"

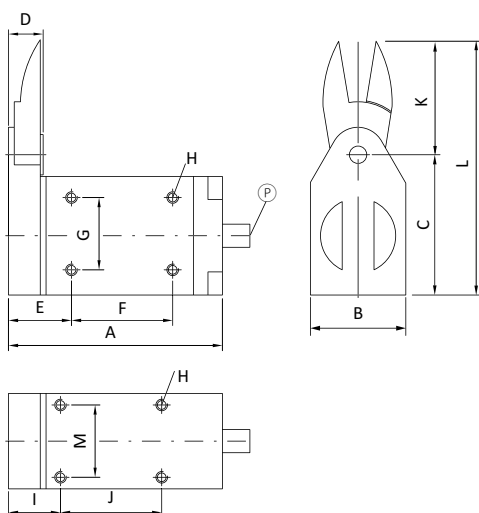
Ordering notes

- > Blades are not included in the scope of delivery. Please order separately.

Technical data

Item no.	Max. cutting force [N]	Operating pressure [bar]	Max. opening for cutting [mm]	Pipe connection [mm]	Weight [g]
GT-NF05	343	4 - 5	4	4	101
GT-NF10	490	4 - 5	6	4	143
GT-NF15	784	4 - 5	8	4	219

Dimensions



Ⓟ = Compressed air connection 4 mm x 2.5 mm

Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H	I [mm]	J [mm]	K [mm]	L [mm]	M [mm]
GT-NF05	59.9	23	39.5	8.6	25.9	17	26	M3	21.9	17	22	61.5	18
GT-NF10	65.1	28	43.5	8.8	27.1	20	30	M3.5	23.1	20	24	67.5	22
GT-NF15	73	33	48.5	10.2	29	25	34	M4	25	25	27	75.5	26



Stationary air nippers - horizontal with lift



Product description

- > Nippers, lightweight and compact, for easy assembly in restricted spaces
- > To be used with cutting stations or automated equipment
- > Lift single-acting with return spring
- > Horizontal, adjustable lift enables cutting flush to the workpiece
- > Connection via hose nipples or quick fittings

Notes

- > Version (-R): Pull lift models
- > All others: Push lift models
- > Max. opening width and length "K" refer to blades with index "AJ" or "RAJ"

Ordering notes

- > Blades are not included in the scope of delivery. Please order separately.

Technical data

Item no.	Max. cutting force [N]	Max. lift [mm]	Operating pressure [bar]	Pipe connection with hose nipple [mm]	Pipe connection with quick connect fittings [mm]	Weight [g]
GT-NY05	343	3	4 - 5	2.5	--	155
GT-NY05R	343	3	4 - 5	2.5	--	155
GT-NY05-4	343	3	4 - 5	--	4x2,5	155
GT-NY05R-4	343	3	4 - 5	--	4x2,5	155
GT-NY10	490	3	4 - 5	2.5	--	210
GT-NY10R	490	3	4 - 5	2.5	--	210
GT-NY10-4	490	3	4 - 5	--	4x2,5	210
GT-NY10R-4	490	3	4 - 5	--	4x2,5	210
GT-NY15	784	3	4 - 5	2.5	--	319
GT-NY15R	784	3	4 - 5	2.5	--	319
GT-NY15-4	784	3	4 - 5	--	4x2,5	319
GT-NY15R-4	784	3	4 - 5	--	--	319
GT-NY25	980	5	5 - 6	4	--	580
GT-NY25R	980	5	5 - 6	4	--	580
GT-NY25-6	980	5	5 - 6	--	6x4	580
GT-NY25R-6	980	5	5 - 6	--	6x4	580

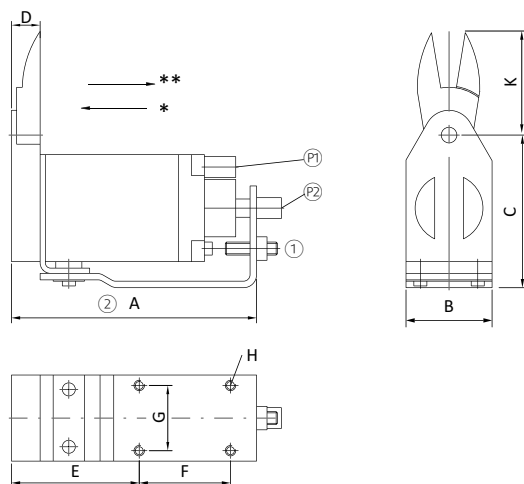
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Nipper technology | Air nippers - stationary

Stationary air nippers - horizontal with lift

Dimensions



Ⓟ = Compressed air connection for cutting Ⓟ = Compressed air connection for lifting * = Push lift ** = Pull lift (Version -R) ① = Lift adjustment
② = Models NY: A = Distance from start of nipper to cutting position / Models NY-R: A = Distance from start of nipper to starting position

Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H	K [mm]
GT-NY05	75.9	23	48	8.6	41	25	15	M4	22
GT-NY05R	75.9	23	48	8.6	41	25	15	M4	22
GT-NY05-4	75.9	23	48	8.6	41	25	15	M4	22
GT-NY05R-4	75.9	23	48	8.6	41	25	15	M4	22
GT-NY10	82.1	28	52	8.8	42	30	20	M4	24
GT-NY10R	82.1	28	52	8.8	42	30	20	M4	24
GT-NY10-4	82.1	28	52	8.8	42	30	20	M4	24
GT-NY10R-4	82.1	28	52	8.8	42	30	20	M4	24
GT-NY15	93	33	58	10	48	35	25	M4	27
GT-NY15R	93	33	58	10	48	35	25	M4	27
GT-NY15-4	93	33	58	10	48	35	25	M4	27
GT-NY15R-4	93	33	58	10	48	35	25	M4	27
GT-NY25	109	42	69	13	55	40	30	M5	31
GT-NY25R	109	42	69	13	55	40	30	M5	31
GT-NY25-6	109	42	69	13	55	40	30	M5	31
GT-NY25R-6	109	42	69	13	55	40	30	M5	31



Blades for plastic, straight



Product description

- > Straight blades that can be applied at the right angle to the gate
- > Models with a variety of cutting edges to cover different applications

Notes

- > AJ: Standard blade
- > RAJ: Reverse cutting edge, if cutting flush to workpiece with blade "AJ" is not possible
- > AJT: Blade extra thin
- > AJL: Blade extra long to overcome distance between sprue and nipper
- > AJB:
 - Soldered carbide tips for cutting hard plastics or plastics containing fiber glass
 - Higher lifetime in demanding applications

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
NY05AJ	Ferrous alloy	3	2	22	GT-NF05 (p.278) GT-NY05 (p.279) GT-NY05-4 (p.279)
NY05AJB	Ferrous alloy	3	2	22	GT-NF05 (p.278) GT-NY05 (p.279) GT-NY05-4 (p.279)
NY05AJL	Ferrous alloy	3	2	29	GT-NF05 (p.278) GT-NY05 (p.279) GT-NY05-4 (p.279)
NY05AJT	Ferrous alloy	3	2	21	GT-NF05 (p.278) GT-NY05 (p.279) GT-NY05-4 (p.279)
NY05RAJ	Ferrous alloy	3	2	22	GT-NF05 (p.278) GT-NY05-4 (p.279) GT-NY05R (p.279) GT-NY05R-4 (p.279)
NY10AJ	Ferrous alloy	3.5	2.3	28	GT-NF10 (p.278) GT-NY10 (p.279) GT-NY10-4 (p.279)
NY10AJB	Sintered alloy	3.5	2.3	28	GT-NF10 (p.278) GT-NY10-4 (p.279) GT-NY10R (p.279)
NY10AJL	Ferrous alloy	3.5	2.3	37	GT-NF10 (p.278) GT-NY10 (p.279) GT-NY10-4 (p.279)
NY10AJT	Ferrous alloy	3.5	2.3	26	GT-NF10 (p.278) GT-NY10 (p.279) GT-NY10-4 (p.279)

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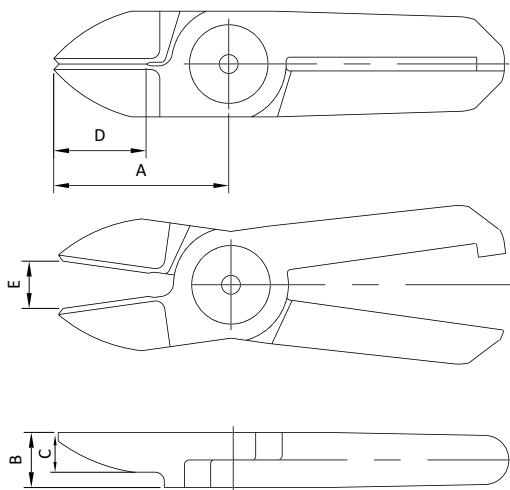
Nipper technology | Air nippers - stationary

Blades for plastic, straight

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
NY10RAJ	Ferrous alloy	3.5	2.3	28	GT-NF10 (p.278) GT-NY10R (p.279) GT-NY10R-4 (p.279)
NY15AJ	Ferrous alloy	4	2.6	41	GT-NF15 (p.278) GT-NY15 (p.279) GT-NY15-4 (p.279)
NY15AJB	Sintered alloy	4	2.6	41	GT-NF15 (p.278) GT-NY15-4 (p.279) GT-NY15R (p.279)
NY15AJL	Ferrous alloy	4	2.6	50	GT-NF15 (p.278) GT-NY15 (p.279) GT-NY15-4 (p.279)
NY15RAJ	Ferrous alloy	4	2.6	41	GT-NF15 (p.278) GT-NY15R (p.279) GT-NY15R-4 (p.279)
NY15AJT	Ferrous alloy	4	2.6	38	GT-NF15 (p.278) GT-NY15 (p.279) GT-NY15R-4 (p.279)
NY25AJ	Ferrous alloy	5	3.4	77	GT-NY25 (p.279) GT-NY25-6 (p.279)
NY25RAJ	Ferrous alloy	5	3.4	77	GT-NY25 (p.279) GT-NY25R-6 (p.279)
NY25AJB	Sintered alloy	5	3.4	77	GT-NY25 (p.279) GT-NY25R-6 (p.279)
NY25AJL	Ferrous alloy	5	3.4	88	GT-NY25 (p.279) GT-NY25-6 (p.279)

Dimensions



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
NY05AJ	22	7	5	10.5	4
NY05AJB	22	7	5	10.5	4
NY05AJL	31	7	5	10.5	5.5
NY05AJT	22	7	3	10.5	4
NY05RAJ	22	7	5	10.5	4
NY10AJ	24	7.2	5	12	6
NY10AJB	24	7.2	5	12	6
NY10AJL	33	7.2	5	12	8



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
NY10AJT	24	7.2	3	12	6
NY10RAJ	24	7.2	5	12	6
NY15AJ	27	8.2	5.5	13	8
NY15AJB	27	8.2	5.5	13	8
NY15AJL	38	8.2	5.5	13	11
NY15RAJ	27	8.2	5.5	13	8
NY15AJT	27	8.2	3.5	13	8
NY25AJ	31	10	6	16	9
NY25RAJ	31	10	6	16	9
NY25AJB	31	10	6	16	9
NY25AJL	46	10	6	16	13



Blades for plastic, Z shape



Product description

- > Blades with offset cutting edge for overcoming obstacles or for narrow sprues

Notes

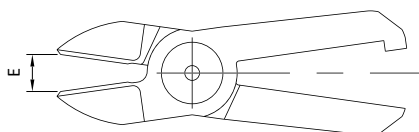
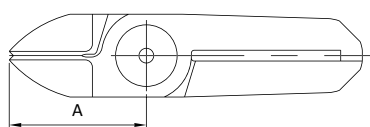
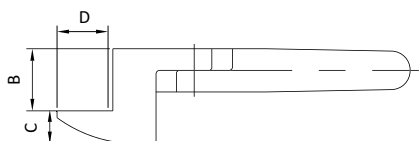
- > AH: Standard blade
- > RAH: Reverse cutting edge, if cutting flush to workpiece with blade "AH" is not possible

Technical data

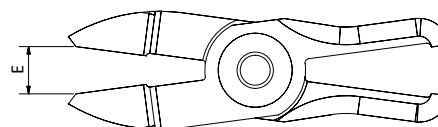
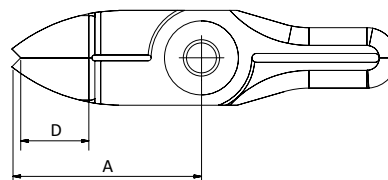
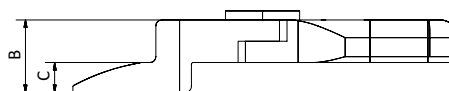
Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
NY05AH	Ferrous alloy	3	2	37	GT-NF05 (p.278) GT-NY05-4 (p.279) GT-NY05 (p.279)
NY05RAH	Ferrous alloy	3	2	31	GT-NF05 (p.278) GT-NY05R-4 (p.279) GT-NY05R (p.279)
NY10AH	Ferrous alloy	3.5	2.3	43	GT-NF10 (p.278) GT-NY10-4 (p.279) GT-NY10 (p.279)
NY10RAH	Ferrous alloy	3.5	2.3	40	GT-NF10 (p.278) GT-NY10R (p.279) GT-NY10R-4 (p.279)
NY15AH	Ferrous alloy	4	2.6	76	GT-NF15 (p.278) GT-NY15-4 (p.279) GT-NY15 (p.279)
NY15RAH	Ferrous alloy	4	2.6	52	GT-NF15 (p.278) GT-NY15R-4 (p.279) GT-NY15R (p.279)
NY25AH	Ferrous alloy	5	3.4	110	GT-NY25 (p.279) GT-NY25-6 (p.279)
NY25RAH	Ferrous alloy	5	3.4	89	GT-NY25 (p.279) GT-NY25R (p.279) GT-NY25R-6 (p.279)



Dimensions



NY05AH | NY10AH | NY15AH | NY25AH



NY05RAH | NY10RAH | NY15RAH | NY25RAH

Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
NY05AH	31	14	5	13	5.5
NY05RAH	30	7	5	12	5
NY10AH	33	15	5	15	8
NY10RAH	32	7	5	15	7
NY15AH	38	16	5.5	16	11
NY15RAH	35	7.7	5.5	15	9
NY25AH	46	18	6	19	13
NY25RAH	42	10	5	18	12



Nipper technology | Air nippers - stationary

Blades for metal wire, straight

Blades for metal wire, straight



Product description

- > Straight blades that can be applied at the right angle to the gate

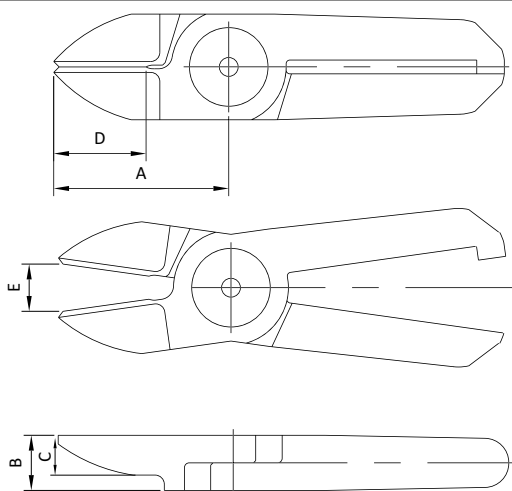
Notes

- > Blades for cutting metal, unbeveled cutting edge using the anvil principle
- > BJ: Standard blade
- > RBJ: Reverse cutting edge, if cutting flush to workpiece with blade "BJ" is not possible

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		Copper wire	Steel wire		
NY05BJ	Ferrous alloy	1.6	1	22	GT-NF05 (p.278) GT-NY05-4 (p.279) GT-NY05 (p.279)
NY05RBJ	Ferrous alloy	1.6	1	22	GT-NF05 (p.278) GT-NY05R (p.279) GT-NY05R-4 (p.279)

Dimensions



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
NY05BJ	22	7	5	9	3.5
NY05RBJ	22	7	5	10.5	4



**ADJUSTABLE BLADE OPENING AND
REVERSABLE BLADES**



Product description

- > Nippers, lightweight and compact, for easy assembly in confined spaces
- > To be used in cutting stations
- > Adjustable horizontal lift and maximum blade opening
- > Blades can be reversed to enable cutting flush to the workpiece

Notes

- > Max. opening width "I" refers to blades with index "AJ"

Ordering notes

- > Blades are not included in the scope of delivery. Please order separately.

Technical data

Item no.	Max. cutting force [N]	Max. opening for cutting [mm]	Lift [mm]	Effective direction	Operating pressure [bar]	Pipe connection with hose nipple [mm]	Pipe connection with quick connect fittings [mm]	Weight [g]
GT-NT03	147	1.5 - 3	0 - 3	Push	4 - 5	2.5	--	178
GT-NT03R	147	1.5 - 3	0 - 3	Pull	4 - 5	2.5	--	178
GT-NT03-4	147	1.5 - 3	0 - 3	Push	4 - 5	--	4x2,5	178
GT-NT03R-4	147	1.5 - 3	0 - 3	Pull	4 - 5	--	4x2,5	178
GT-NT05	196	3 - 6	0 - 3	Push	4 - 5	2.5	--	325
GT-NT05R	196	3 - 6	0 - 3	Pull	4 - 5	2.5	--	325
GT-NT05-4	196	3 - 6	0 - 3	Push	4 - 5	--	4x2,5	325
GT-NT05R-4	196	3 - 6	0 - 3	Pull	4 - 5	--	4x2,5	325
GT-NT10	441	4 - 7	0 - 3	Push	4 - 5	2.5	--	515
GT-NT10R	441	4 - 7	0 - 3	Pull	4 - 5	2.5	--	515
GT-NT10-6	441	4 - 7	0 - 3	Push	4 - 5	--	6x4	515
GT-NT10R-6	441	4 - 7	0 - 3	Pull	4 - 5	--	6x4	515
GT-NT20	931	4.5 - 9	0 - 8	Push	5 - 6	4	--	930
GT-NT20R	931	4.5 - 9	0 - 8	Pull	5 - 6	4	--	930
GT-NT20-6	931	4.5 - 9	0 - 8	Push	5 - 6	--	6x4	930
GT-NT20R-6	931	4.5 - 9	0 - 8	Pull	5 - 6	--	6x4	930

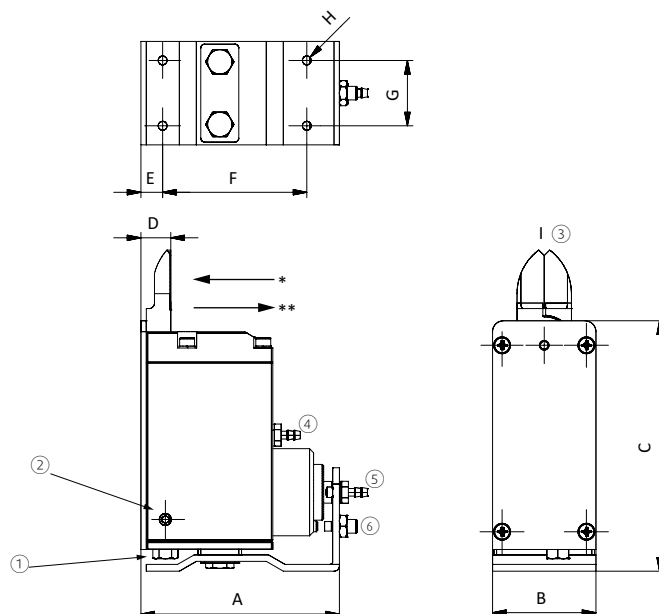
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Nipper technology | Air nippers - stationary

Nippers for plastics - vertical, with lift

Dimensions



* = Push lift ** = Pull lift (Version -R) ① = Blade opening adjustment ② = Locking ③ = Max. blade opening ④ = Connection air nipper
⑤ = Connection lift movement ⑥ = Lift adjustment

Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H	I [mm]
GT-NT03	62	19	68.1	9	7	43	14	M3	3
GT-NT03R	62	19	68.1	9	7	43	14	M3	3
GT-NT03-4	62	19	68.1	9	7	43	14	M3	3
GT-NT03R-4	62	19	68.1	9	7	43	14	M3	3
GT-NT05	64	32	71.1	9	7	45	20	M4	6
GT-NT05R	64	32	71.1	9	7	45	20	M4	6
GT-NT05-4	64	32	71.1	9	7	45	20	M4	6
GT-NT05R-4	64	32	71.1	9	7	45	20	M4	6
GT-NT10	73	38	88.1	11	8	52	24	M4	7
GT-NT10R	73	38	88.1	11	8	52	24	M4	7
GT-NT10-6	73	38	88.1	11	8	52	24	M4	7
GT-NT10R-6	73	38	88.1	11	8	52	24	M4	7
GT-NT20	103	44	102.1	14	10	80	28	M5	9
GT-NT20R	103	44	102.1	14	10	80	28	M5	9
GT-NT20-6	103	44	102.1	14	10	80	28	M5	9
GT-NT20R-6	103	44	102.1	14	10	80	28	M5	9



Blades for plastic, for vertical air nippers, straight



Product description

- > Straight blades that can be applied at the right angle to the gate
- > Models with a variety of cutting edges to cover different applications

Notes

- > AJ: Standard blade
- > AJT: Blade extra thin
- > AJL: Blade extra long to overcome distance between sprue and nipper
- > AJB: Brazed carbide tips for cutting hard plastics or plastics containing fiber glass, increased durability
- > AJH: Brazed high-speed steel tip for cutting hard plastic

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
NT03AJ	Ferrous alloy	1.5	1	20	GT-NT03 (p.287)
NT03AJT	Ferrous alloy	1.5	1	19	GT-NT03 (p.287)
NE05AJ	Ferrous alloy	2.5	1.5	35	GT-NT05 (p.287)
NT05AJ	Ferrous alloy	2.5	1.5	30	GT-NT05 (p.287)
NT05AJB	Sintered alloy	2.5	1.5	30	GT-NT05 (p.287)
NT05AJH	HSS steel	2.5	1.5	30	GT-NT05 (p.287)
NT05AJL	Ferrous alloy	2.5	1.5	39	GT-NT05 (p.287)
NT05AJT	Ferrous alloy	2.5	1.5	29	GT-NT05 (p.287)
NE10AJ	Ferrous alloy	3.5	2.3	70	GT-NT10 (p.287)
NT10AJ	Ferrous alloy	3.5	2.3	62	GT-NT10 (p.287)
NT10AJB	Sintered alloy	3.5	2.3	76	GT-NT10 (p.287)
NT10AJH	HSS steel	3.5	2.3	76	GT-NT10 (p.287)
NT10AJL	Ferrous alloy	3.5	2.3	62	GT-NT10 (p.287)
NT10AJT	Ferrous alloy	3.5	2.3	65	GT-NT10 (p.287)
NT20AJ	Ferrous alloy	5	3.4	120	GT-NT20 (p.287)
NT20AJB	Ferrous alloy	5	3.4	120	GT-NT20 (p.287)
NT20AJH	HSS steel	5	3.4	120	GT-NT20 (p.287)
NT20AJL	Ferrous alloy	5	3.4	114	GT-NT20 (p.287)

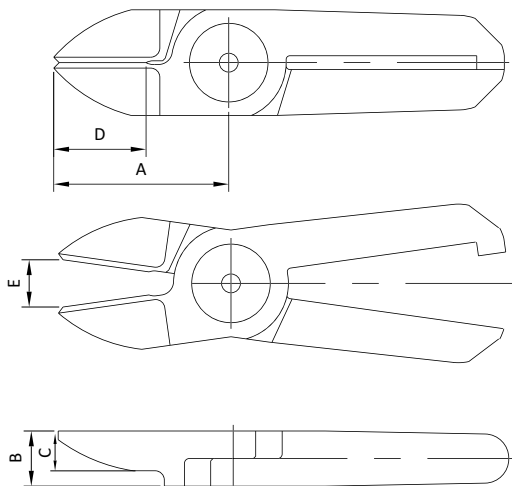
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Nipper technology | Air nippers - stationary

Blades for plastic, for vertical air nippers, straight

Dimensions



Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
NT03AJ	24	7	4	11	3
NT03AJT	24	7	2.3	11	3
NE05AJ	24	7	3.5	12	6
NT05AJ	29	7	5	15	6
NT05AJB	29	7	5	15	6
NT05AJH	29	7	5	15	6
NT05AJL	36	7	5	15	7
NT05AJT	29	7	3	15	6
NE10AJ	27	9	4.5	12	7
NT10AJ	35	9	6	17	7
NT10AJB	35	9	6	17	7
NT10AJH	35	9	6	17	7
NT10AJL	47	9	6	17	9
NT10AJT	35	9	4	17	7
NT20AJ	40	12	6	20	9
NT20AJB	40	12	6	20	9
NT20AJH	40	12	6	20	9
NT20AJL	57	12	6	20	12



Blades for plastic, for vertical air nippers, nipper style



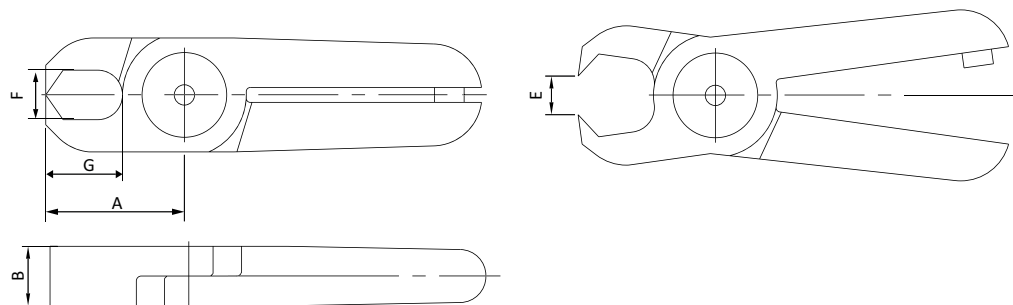
Product description

> Blades, nipper style, for universal cutting applications

Technical data

Item no.	Material	Max. cutting thickness [mm]		Weight [g]	Air nippers
		PP / PE	ABS		
NT05AE	Ferrous alloy	2.5	1.5	36	GT-NT05 (p.287)
NT10AE	Ferrous alloy	3.5	2.3	75	GT-NT10 (p.287)

Dimensions



Item no.	A [mm]	B [mm]	E [mm]	F [mm]	G [mm]
NT05AE	29	7	6	6	18
NT10AE	35	9	7	8	21.5



Special air shears - round / square, single-acting



Product description

- > Pneumatic scissors for robots, cutting stations or manual operation
- > For precision cutting of kevlar, aramid, glass and carbon fiber

Notes

- > GT-H30, GT-HS30, GT-H12K: Designed to cut synthetic materials. Not suitable for thick cardboard, tin plate, wire, wood, etc.

Ordering notes

- > Blades are not included in the scope of delivery. Please order separately.

Technical data

Item no.	Housing	Operating pressure [bar]	Functional principle	Length incl. blade [mm]	Connection [G]	Max. cutting thickness [mm]		Weight [g]
						Kevlar	Band steel	
GT-H12K	Round	2	Manually	186	R1/8	0.3	--	290
GT-H120K	Round	5 - 6	Manually	211	R1/8	--	15x0.5	340
GT-H30	Round	3	Manually	280	R1/8	1	--	1,030
GT-HS30	Square	3	Automatically	260	R1/8	1	--	970

Dimensions

GT-H12K	GT-H120K
GT-H30	GT-HS30

① = Blade shown: H30ME ② = Blade shown: H12ME30K ③ = Blade shown: H120SK * = 4 x 4 bore holes M5



Blades for special air shears, single-acting



Product description

> Blades for cutting synthetic materials, e.g. kevlar, aramid, glass and carbon fiber

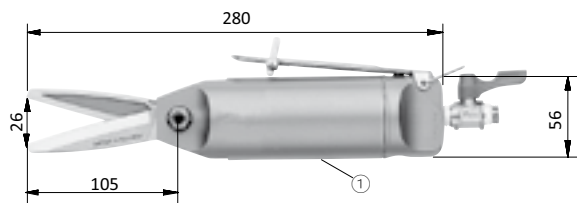
Notes

> With the exception of H120SK not suitable for thick cardboard, sheet tin, wire, wood

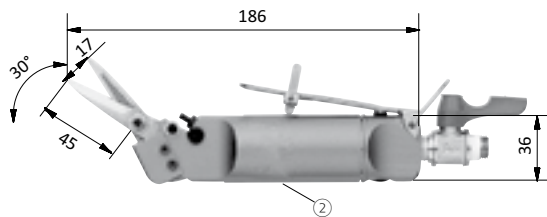
Technical data

Item no.	Max. opening for cutting [mm]	Effective cutting length [mm]	Max. cutting thickness [mm]		Weight [g]	Air nippers
			Kevlar	Band steel		
H30ME	26	50	1	--	280	GT-H30 (p.292) GT-HS30 (p.292)
H12ME30K	17	28	0.3	--	56	GT-H12K (p.292)
H120SK	15	38	--	15x0.5	115	GT-H120K (p.292)

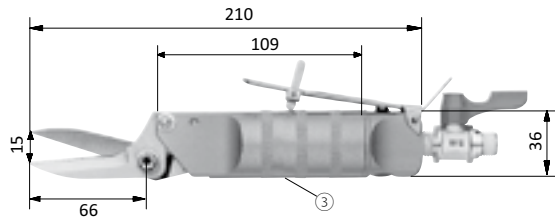
Dimensions



H30ME



H12ME30K



H120SK

① = Special air shear shown: GT-H30 ② = Special air shear shown: GT-H12K ③ = Special air shear shown: GT-H120K



Air shears - round / square, double-acting



FOR FAST CYCLE TIMES

Product description

- > Pneumatic scissors for robots, cutting stations or manual operation
- > Cutting of paper, film, steel or copper wire, etc.
- > Double-acting, separate control of opening and closing to enable short duty cycles
- > Continuous cutting process as no return spring required

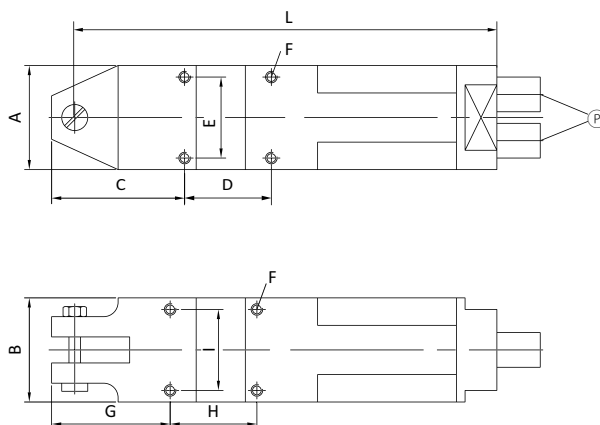
Ordering notes

- > Blades are not included in the scope of delivery. Please order separately.

Technical data

Item no.	Housing	Max. cutting force [N]	Operating pressure [bar]	Pipe connection [mm]	Weight [g]
GT-HWS1	Square	294	4 - 5	4	116
GT-HWR1	Round	294	4 - 5	4	84
GT-HWS10	Square	588	4 - 5	6	356
GT-HWR10	Round	588	4 - 5	6	295

Dimensions



Ⓟ = Compressed air connection

Item no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F	G [mm]	H [mm]	I [mm]	L [mm]
GT-HWS1	20	23	--	--	--	M3	24	40	16	95
GT-HWR1	20	--	--	--	--	--	--	--	--	95
GT-HWS10	36	36	45.5	30	28	M4	41	30	28	146
GT-HWR10	36	--	--	--	--	--	--	--	--	146



Blades for double-acting air scissors



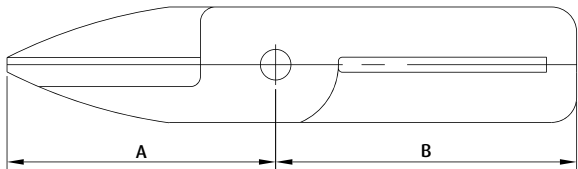
Product description

- > Blades for double acting air scissors
- > Suitable for cutting copper or steel wire

Technical data

Item no.	Max. opening for cutting [mm]	Effective cutting length [mm]	Max. cutting thickness [mm]		Weight [g]	Air nippers
			Copper wire	Steel wire		
HW1J	3	17	1	0.5	116	GT-HWR1 (p.294) GT-HWS1 (p.294)
HW10J	5	28	1.8	1.2	84	GT-HWR10 (p.294) GT-HWS10 (p.294)

Dimensions



Item no.	A [mm]	B [mm]
HW1J	25	30
HW10J	40	55



Air-nipper mounting brackets



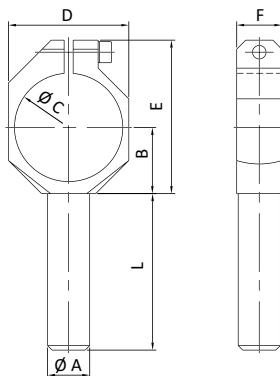
Product description

> Mounting brackets to fasten air nippers to angle clamps

Technical data

Item no.	Clamping- $\varnothing$ [mm]	Weight [g]	Air nippers
GT-NR10H	14	38	GT-NR10L (p.263)
GT-NR20H	20	71	GT-NR20 (p.263)
GT-NR30H	20	79	GT-NR30 (p.263)
GT-NR50H	20	149	GT-NR50 (p.263)

Dimensions



Item no.	$\varnothing$ A [mm]	B [mm]	$\varnothing$ C [mm]	D [mm]	E [mm]	F [mm]	L [mm]
GT-NR10H	14	22	36	40	51	15	52
GT-NR20H	20	30	45	50	65	20	52
GT-NR30H	20	35	56	60	75	20	52
GT-NR50H	20	45	75	85	95	20	52



Mounting clamps for air nippers



Air nipper GT-NR20 with mounting clamp

Product description

> Space-saving assembly of air nippers on extrusions and special machines

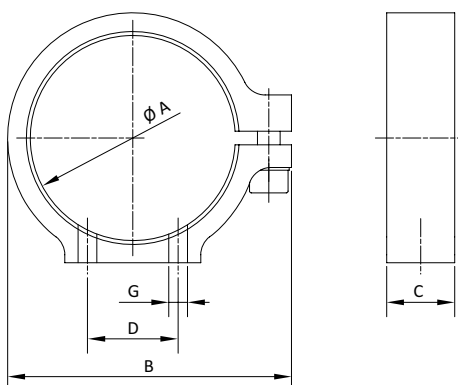
Notes

> The clamps are part of air nipper fittings GT-NR10ST2 to GT-NR30ST2

Technical data

Item no.	Weight [g]	Air nippers
GT-NR10S	36	GT-NR10L (p.263)
GT-NR20S	39	GT-NR20 (p.263)
GT-NR30S	46	GT-NR30 (p.263)

Dimensions



Item no.	Ø A [mm]	B [mm]	C [mm]	D [mm]	G
GT-NR10S	36	54	15	20	M5
GT-NR20S	45	62.5	15	20	M5
GT-NR30S	56	73.5	15	20	M5



Clamps with angle brackets - for direct mounting

Mounting air nippers on EOAT or special machines



① = Clamp for air nippers ② = Angle bracket



Air nipper GT-NR20 assembled on extrusion SLine

Product description

- > Mounting bracket for installation on grippers or special machines
- > Easy positioning of the air nipper thanks to 2x 90° adjustable design
- > Versatile thanks to alternative installation using slot nuts or threaded shaft holder

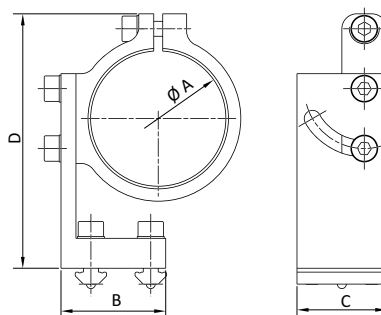
Ordering notes

- > Angular fitting (pos. 2) also available separately on request
- > Slot nuts and mounting screws for installation on FIPA SLine and MLine extrusions included in scope of delivery

Technical data

Item no.	Weight [g]	Air nippers
GT-NR10ST2	116	GT-NR10L (p.263)
GT-NR20ST2	119	GT-NR20 (p.263)
GT-NR30ST2	125	GT-NR30 (p.263)
GT-NR50ST2	165	GT-NR50 (p.263)

Dimensions



Item no.	Ø A [mm]	B [mm]	C [mm]	D [mm]
GT-NR10ST2	36	35	30	81
GT-NR20ST2	45	35	30	87.5
GT-NR30ST2	56	35	30	90.5
GT-NR50ST2	75	35	30	109.5



Gripper clamps



Gripping of sprue during cutting process

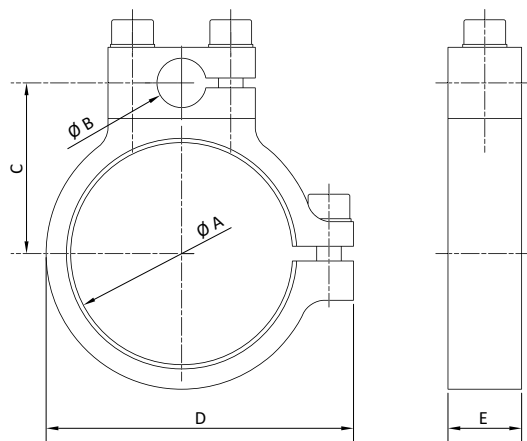
Product description

- > Mounting of the grippers to the air nippers for holding the sprue during the cutting process
- > Optimal adjustment by using elbow gripper arms

Technical data

Item no.	Weight [g]	Air nippers
GT-NR10GR	57	GT-NR10L (p.263)
GT-NR20GR	60	GT-NR20 (p.263)
GT-NR30GR	66	GT-NR30 (p.263)

Dimensions



Item no.	ϕA [mm]	ϕB [mm]	C [mm]	D [mm]	E [mm]
GT-NR10GR	36	10	30.25	54	15
GT-NR20GR	45	10	34.75	62.5	15
GT-NR30GR	56	10	40.25	73.5	15

[illegible]