

Guideline for Air Nipper Cutting Capability

For air nipper blades, the cutting capability changes depending on the shape and types of articles to be cut. Use the values in the following table as reference.



Slide-off air nipper blade

Model No.		CapacityΦ			
Body No.	Shape	Soft palastic	Hard Plastic	Copper	Steel
NY03	AJ	2.0	1.3		
NY03	AJL	1.6	1.1		
NY03	AJT	2.0	1.3		
NY03	RAJ	2.0	1.3		
NY05	BJ		2.0	1.6	1.0
NY05	AJ	3.0	2.0		
NY05	AJL	2.8	1.6		
NY05	AJB	3.0	2.0		
NY05	AJT	3.0	2.0		
NY05	AH	3.0	2.0		
NY05	RBJ		2.0	1.6	1.0
NY05	RAJ	3.0	2.0		
NY05	RAH	3.0	2.0		
NY10	AJ	3.5	2.3		
NY10	AJL	3.2	2.1		
NY10	AD	2.3	1.6		
NY10	AJB	3.5	2.3		
NY10	AJT	3.5	2.3		
NY10	AH	3.5	2.3		
NY10	RAJ	3.5	2.3		
NY10	RAH	3.5	2.3		
NY15	AJ	4.0	2.6		
NY15	AJL	3.7	2.3		
NY15	AD	2.6	2.2		
NY15	AJB	4.0	2.6		
NY15	AJT	4.0	2.6		
NY15	AH	4.0	2.6		
NY15	RAJ	4.0	2.6		
NY15	RAH	4.0	2.6		
NY25	AJ	5.0	3.4		
NY25	AJL	4.7	3.0		
NY25	AD	3.3	2.0		
NY25	AJB	5.0	3.4		
NY25	AH	5.0	3.4		
NY25	RAJ	5.0	3.4		
NY25	RAH	5.0	3.4		

For Horizontal-Type
(Normal·Reversed)

For Vertical-Type
(Normal and Reversed combined)

Model No.		CapacityΦ			
Body No.	Shape	Soft palastic	Hard Plastic	Copper	Steel
NT03	AJ	1.5	1.0		
NT03	AJT	1.5	1.0		
NT03	AJY	1.5	1.0		
NE5	AJ	2.5	1.5		
NT05	AJ	2.5	1.5		
NT05	AJL	2.0	1.3		
NT05	AJB	2.5	1.5		
NT05	AJT	2.5	1.5		
NT05	AJY	2.5	1.5		
NT05	AD	2.5	1.2		
NT05	AJH	2.5	1.5		
NT05	AJV	2.5	1.5		
NT05	AE	2.5	1.3		
NE10	AJ	3.5	2.3		
NT10	AJ	3.5	2.3		
NT10	AJL	3.0	2.0		
NT10	AJB	3.5	2.3		
NT10	AJT	3.5	2.3		
NT10	AJY	3.5	2.3		
NT10	AD	3.5	2.1		
NT10	AJH	3.5	2.3		
NT10	AJV	3.5	2.3		
NT10	AE	3.5	2.1		
NT20	AJ	5.0	3.4		
NT20	AJL	4.5	3.2		
NT20	AD	5.0	2.0		
NT20	AJB	5.0	3.4		
NT20	AJH	5.0	3.4		

Air nipper blade

Model No.		CapacityΦ				
Body No.	Shape	Soft palastic	Hard Plastic	Copper	Steel	Piano Wire
N3	AS			1.0	0.5	
N3	HS			1.0	0.5	0.2
N3	AP	2.0				
N3	AE	2.0				
N3	BJ		1.0	0.5		
N5	AS		1.0	0.5		
N5	HS		1.0	0.5	0.3	
N5	AP	2.0				
N5	AE	2.0				
N5	BJ		1.0	0.5		
N7	AS		1.6	1.0		
N7	HS		1.6	1.0	0.5	
N7	AP	3.0	2.0			
N7	PF	3.0	2.0			
N7	AE	3.0	2.0			
N7	BJ			1.6	1.0	
N10	AS		1.8	1.2		
N10	HS		1.8	1.2	0.5	
N10	AP	4.0	2.6			
N10L	AS		1.8	1.2		
N10L	AP	4.0	2.6			
N10L	PF	4.0	2.6			
N12	AS		2.3	1.7		
N12	HS		2.3	1.7	0.6	
N12	AP	4.5	4.0			
N20	AS		2.6	2.0		
N20	HS		2.6	2.0	1.0	
N20	AG		2.6	2.0		
N20	AP	7.0	5.0			
N20	AJ	7.0	5.0			
N20	AJL	6.0	4.0			
N20	AJB		5.0			
N20	PF	7.0	5.0			
N20	AE	7.0	5.0			
N20	BFB		2.6	2.0	1.2	
N20	AH	6.0				
N20	AML	10×1.5	8×1			
N20	AMR	10×1.5	8×1			
N30	AS		3.3	2.8		
N30	BBB		3.3	2.8	1.2	
N30	AP	10.0	6.5			
N30	AJ	10.0	6.5			
N30	AJL	8.0	5.0			
N30	PF	10.0	6.5			
N30	AE	10.0	6.5			
N30	ACD	(Bare terminal 1.25sq 2.0sq)				
N50	AS		5.5	4.5		
N50	BBB		5.5	4.5	2.0	

NM blade

NM20	AJ	7.0	5.0
NM20	AP	7.0	5.0
NM20	AE	7.0	5.0
NM30	AJ	10.0	6.5
NM30	AP	10.0	6.5
NM30	AE	10.0	6.5

For Double Action Air Nipper

NW1	BJ	1.0	0.5
NW10	AJ	4.0	
NW10	BJ	1.8	1.2
NW20	AJ	6.5	
NW20	BJ	2.6	2.0
NW30	AJ	9.5	
NW30	BJ	3.3	2.8

•Steel wire is non-heat treated.

•Piano wire=HV320 or below. The unit of cutting capability of N20AML and N20AMR is(t).