

CATALOG 2013



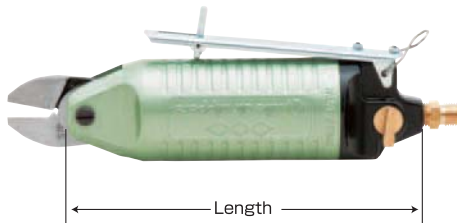
MERRY-TOOLS

Here is a wide range of "NILE" air cutters to help you achieve higher productivity and remarkable cost saving in cutting, squeezing, pressing, bending and punching jobs for modern industries. Equipped with different types of replaceable cutting blades, these air cutters can be versatile for various applications.

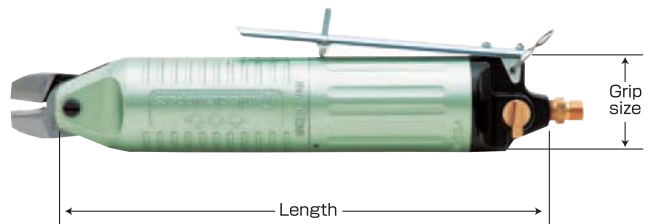
AIR CUTTERS

HAND-HELD TYPE

● MR Type (Standard)



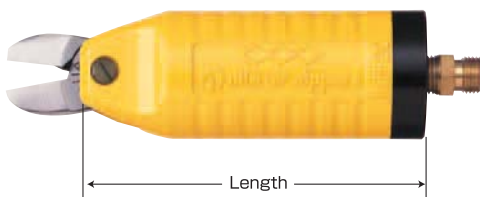
● MP Type (Heavy-duty)



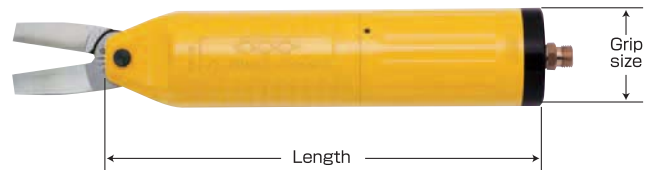
MACHINE-FITTING TYPE

Optimum for mounting on automatic machine!

● MR~M Type

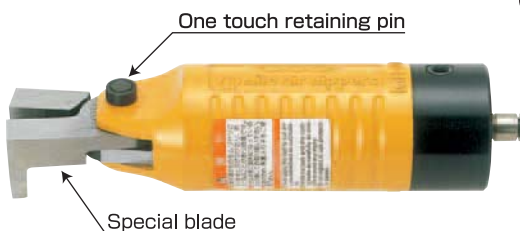


● MP~M Type

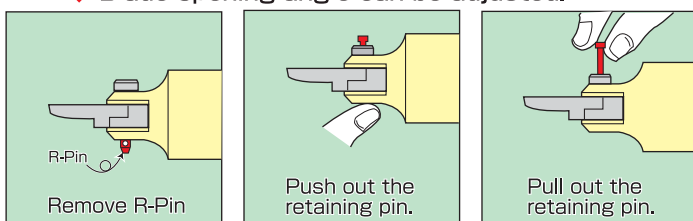


● MR~MG,MP~MG Type

**NO TOOL IS NEEDED FOR
BLADE REPLACEMENT !**



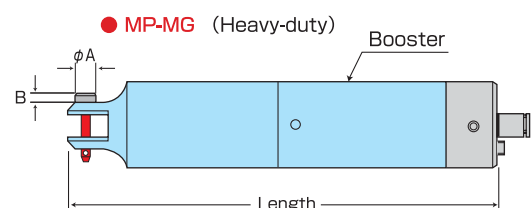
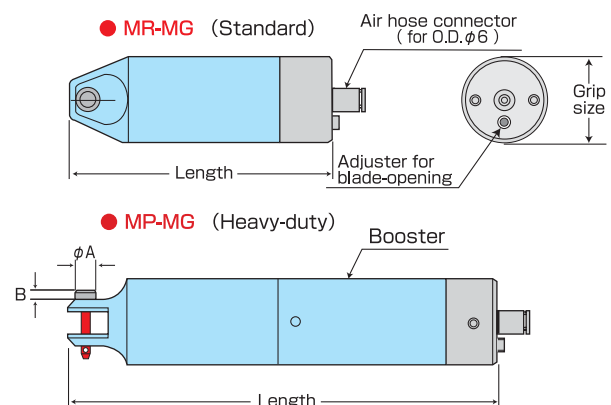
- ◆ Blade can be replaced easily and quickly.
- ◆ Blade opening-angle can be adjusted.



○ Be sure to secure Retaining Pin with R-Pin attached when Retaining Pin is likely to suffer some drawing-out power or shock. (R-Pin is designed for easy removal.)

Model	ϕA	B
MR20MG · MP25AMG	11	5
MR30AMG · MP35AMG	12	5

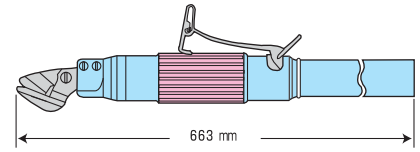
(mm)



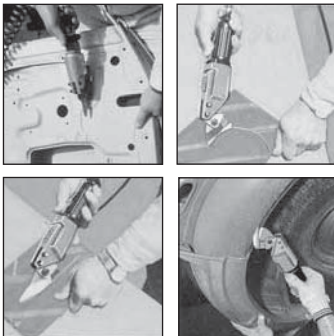
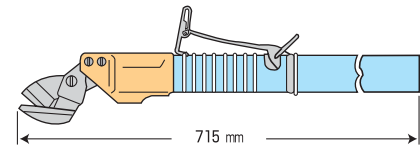
AIR PLATE SHEARS PSH TYPE

Can be used to cut thin metal plate, rubber plate, resin plate, carpet, etc

● PSH05 Mini plate shears



● PSH10 Plate shears



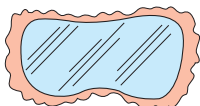
Model (less blade)	Length Weight	Grip size	Cutting speed	Air consumption Air pressure	Blade	Max Cutting capacity
PSH05	173mm	φ 40 mm	1,220 /min.	300 l/min.	E250S<Standard>	Metal Plate: 0.6mm
	700g			0.55~0.65 MPa	E250<Optional>	Aluminum Plate: 0.8mm
					E250H<High-speed steel made>	Rubber/Resin Plate: 2.0mm
PSH10	225mm	φ 40 mm	1,900 /min.	450 l/min.	E300S<Standard>	Metal Plate: 1.2mm
	1,230g			0.55~0.65 MPa	E300<Optional>	Aluminum Plate: 1.2mm
					E300H<High-speed steel made>	Resin Plate: 2.5mm
					E300ZN<Carbide tipped>	<W/E300>

"Max. Cutting Capacity" is not definite but just a rough guidance for tool choice.

AIR MULTI-PURPOSE SCISSORS

Versatile to cut a wide variety of materials, such as light sheet metal, plastics and carpet, etc.

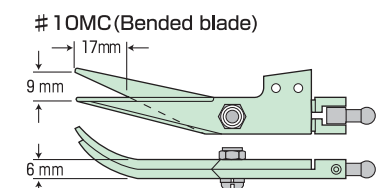
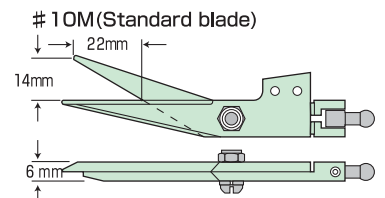
● GS01



Suitable for cutting or trimming thin metal sheet, vinyl cloth, paper, etc.

12,000 cuts per minute.

Blade



Model (less blade)	Length	Weight	Grip size	Air consumption	Air pressure
GS01	140mm	500 g	φ 36mm	450 l/min.	0.35~0.6 MPa

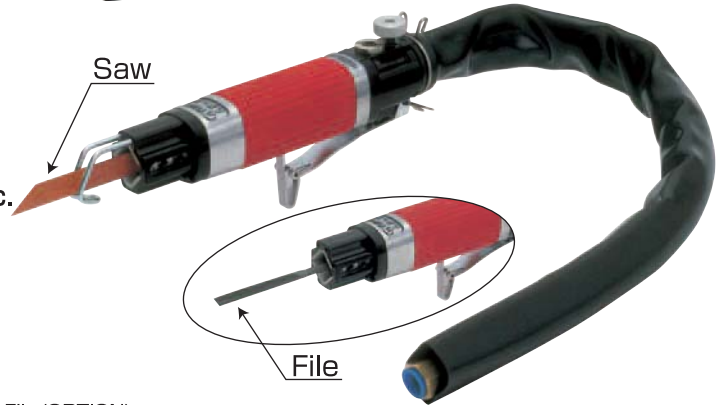
AIR FIL-SAWS AF TYPE

Light in weight and silent in operation.

● AF5A



● AF7S, AF7, AF10S



● APPLICATIONS

- ◆ Cutting auto-panel, baffles and members etc.
- ◆ Cutting urethane bumpers.
- ◆ Finishing dies.
- ◆ Chamfering parts after machining.
- ◆ Deburring die-castings.

SAW BLADE (OPTION)

Model	Application	Teeth/ inch	Shape
SR1036	Steel (Small circle)	36	
R1010	Urethane	10	
W1014	Wood Aluminum	14	

File (OPTION)

Model	Shape
AFH50	

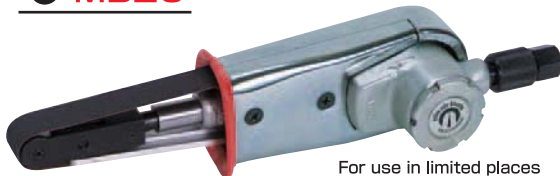
Recommended air pressure : 0.65MPa

Model	Length	Weight	Grip size	Stroke	Reciprocating speed strokes/min	Air consumption	Cutting capacity (Metal plate) mm / min (approx.)	Teeth/ inch	Standard saw blade Model & Shape	Files Model & Shape
AF5A	158 mm	380 g	29×29 □mm	5 mm	3,500 /min.	200 ℓ/min.	1 mm Plate 500	36	R0536 	AFF50 Flat 
AF7	180 mm	650 g	39×37 □mm	7 mm	6,900 /min.	280 ℓ/min.	1 mm Plate 900 3 mm Plate 135	32	AF1032  R1032 	AFR50 Round 
AF7S				5 mm	8,400 /min.		1 mm Plate 850 3 mm Plate 135			AFT50 Triangular 
AF10S	201 mm	750 g		10 mm	5,500 /min.		1 mm Plate 1,000 3 mm Plate 180			

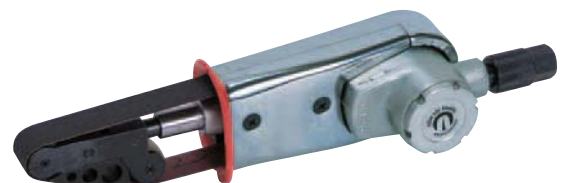
MINI BELTERS

AIR BELT SANDERS MB TYPE

● MB20



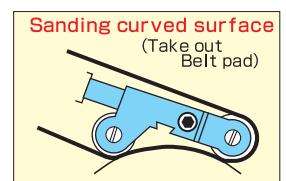
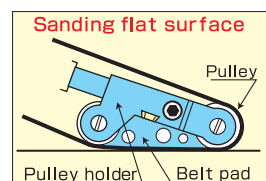
● MB20S



● APPLICATIONS

- ◆ Sanding for various auto-repair services such as...
 - Removing spot welding.
 - Removing paint off flat or curved surfaces.
 - Removing welding bead.
- ◆ Finishing wood work.
- ◆ Deburring small metal products.
- ◆ Removing rust.

3-point belt suspension makes sanding more smooth

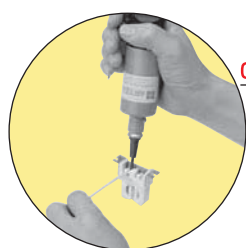


Model	Length	Weight	Air consumption	Air pressure	Free belt speed	Belt size	Remarks
MB20	290mm	930g	300 ℓ/min.	0.5~0.6 MPa	2,200 m/min.	20mm × 500mm	Diameter of pulley φ21mm
MB20S		1,080g					

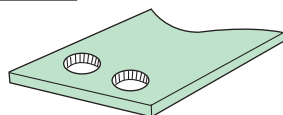
AIR SHOT-HAMMER

These shot-hammers simplify and quicken various inserting jobs of pins, bushings, collar caps, oil seals, bearings, etc. in assembly lines.

● RH, CB Type



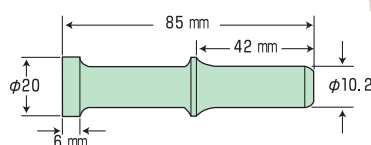
CB13S



Punching a hole on a rubber sheet.

RVS85

Standard rivet snap.



Recommended air pressure : 0.5~0.7MPa

Grip size	φ 37 mm	RH20		Standard type
Air consumption	135cm ³ /stroke		Overall length : 213 mm Weight : 900 g	
Blowing power	(Approx.) 360N			
Grip size	φ 45 mm	RH80		Single blow (Each operation of the lever generates one blow)
Air consumption	135cm ³ /stroke		Overall length : 254 mm Weight : 1,300 g	
Blowing power	(Approx.) 370N			
Grip size	φ 43 mm	RH90		Heavy duty type
Air consumption	651cm ³ /stroke		Overall length : 328 mm Weight : 1,600 g	
Blowing power	(Approx.) 460N			
Grip size	φ 43 mm	RH100Z (Heavy-duty)		Single blow (Each operation of the lever generates one blow) It can be used for stamping, riveting and chipping, by changing the attachments.
Tank size	φ 72 mm		Overall length : 330 mm Weight : 2,100 g	
Air consumption	651cm ³ /stroke			
Blowing power	(Approx.) 470N			Small sized type
Grip size	φ 51 mm	RH200 (Heavy-duty)		
Tank size	φ 86 mm		Overall length : 341 mm Weight : 2,100 g	
Air consumption	653cm ³ /stroke			Single blow (Each operation of the lever generates one blow)
Blowing power	(Approx.) 620N			
Length	175 mm	CB13S (Small-sized)		
Weight	310 g			
Grip size	φ 30 mm			
Air consumption	54cm ³ /stroke			
Length	215 mm	CB13L (Small-sized)		
Weight	500 g			
Grip size	φ 36 mm			
Air consumption	105cm ³ /stroke			

Air pressure : 0.5~0.6MPa

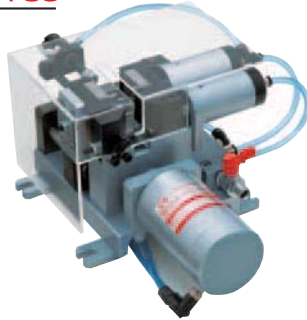
CABLE STRIPPERS

With one-touch operation, these cable strippers can strip power source cables, VA cables and multi-core cables.

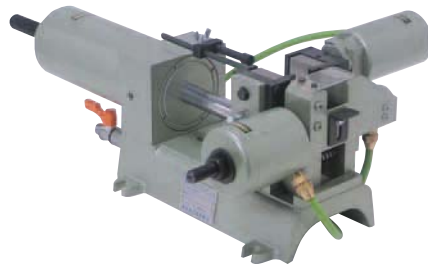
● CST Type

Length	270 mm
Weight	7.4 kg
Height	141 mm
Width	191 mm
Air consumption	690cm ³ /stroke
Air pressure	0.5~0.6 MPa
Stripping capacity	up to ϕ 5 mm outer dia.
Stripping length	35 mm
Length	420 mm
Weight	13.5 kg
Height	169 mm
Width	318 mm
Air consumption	3,000cm ³ /stroke
Air pressure	0.5~0.6 MPa
Stripping capacity	up to ϕ 15 mm outer dia.
Stripping length	100 mm
Length	474 mm
Weight	21 kg
Height	200 mm
Width	298 mm
Air consumption	3,100cm ³ /stroke
Air pressure	0.5~0.6 MPa
Stripping capacity	up to ϕ 15 mm outer dia.
Stripping length	100 mm
Length	785 mm
Weight	18 kg
Height	155 mm
Width	300 mm
Air consumption	5,872cm ³ /stroke
Air pressure	0.5~0.6 MPa
Stripping capacity	up to ϕ 15 mm outer dia.
Stripping length	200 mm
Length	490 mm
Weight	43 kg
Height	283 mm
Width	490 mm
Air consumption	8,000cm ³ /stroke
Air pressure	0.5~0.6 MPa
Stripping capacity	up to ϕ 30 mm outer dia.
Stripping length	100 mm

CST35

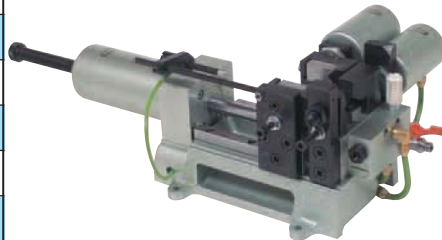


CST100



The most popular model and can strip wires in complicated ways.

CST110



CST100L



Stripping capacity is 200 mm in length

CST120



Heavy-duty

Easy operation.

1. Fix the cable to blades.
2. Push the foot valve.
3. The cable is instantly stripped.

Easy change of blades.

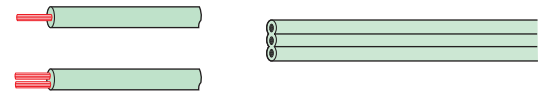
1. Loosen the blade setting screws.
2. Mount the blades and fasten the screws.

Examples of application.

Strip inner and outer coatings at the same time.



Simple stripping



Split joined cables and strip them at the same time.

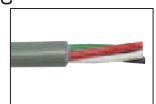


Blades

R-TYPE



standard blade



D-TYPE



for oval-shape cables



S-TYPE



for cables of small diameter



V-TYPE



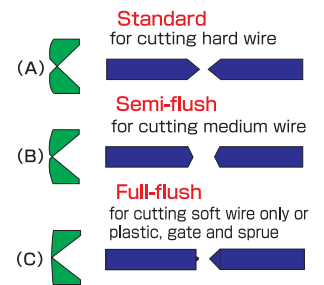
for cables of with core wire of small diameter

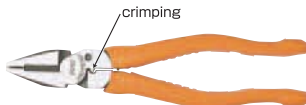
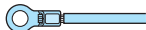
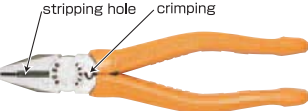
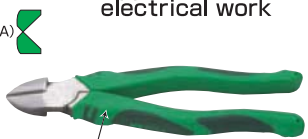
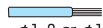


MERRY
BRAND
LINEUP

MERRY BRAND HAND TOOLS !

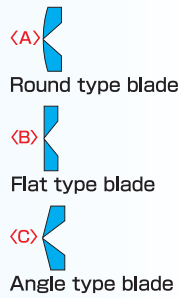
A wide range of "Merry" brand hand tools has been highly reputed worldwide for many decades. ALL are developed to satisfy every requirement from customers and are manufactured under strict quality control system. MUROMOTO offer, with confidence, this variety of excellent hand tools for remarkable improvement of your hand work.



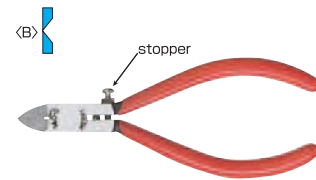
Side cutting pliers	1050 Side cutting pliers  Size : 150mm 175mm 200mm Weight : 200g 275g 375g	1050H Side cutting pliers  Size : 150mm 175mm 200mm Weight : 210g 285g 385g	2050 High leverage side cutting pliers  Size : 185mm 225mm Weight : 290g 370g	
	2060N High leverage side cutting pliers (with crimping die)  crimping  2.0sq Size : 200mm, Weight : 300g	2080N Slim type side cutting pliers  Size : 185mm 210mm Weight : 230g 292g	6050 Side cutting pliers (with crimping die)  stripping hole crimping  2.0sq  phi 1.7 Size : 185mm, Weight : 295g	XP200 Side cutting pliers for electrical work  elastomer cover Size : 200mm, Weight : 360g
Nippers	XN200 Diagonal cutting nippers for electrical work (A)  elastomer cover Size : 200mm, Weight : 330g	205 Diagonal cutting nippers (A)  Size : 150mm 175mm 200mm Weight : 185g 260g 330g	205H Diagonal cutting nippers (A)  Size : 150mm 175mm 200mm Weight : 195g 270g 345g	
	206S Flush diagonal nippers (C)  Spring Loaded Size : 150mm 175mm 200mm Weight : 185g 260g 330g	305-7 305-8 Wire nippers (for hard wire) (A)  Spring Loaded Model 305-7 305-8 Size : 175mm 200mm Weight : 195g 245g	550S Cutting nippers (B)  Spring Loaded Size : 125mm 150mm Weight : 105g 140g	405-7, 405-8, 405-9 End cutting nippers (A)  Spring Loaded Model 405-7 405-8 405-9 Size : 175mm 200mm 230mm Weight : 245g 300g 320g
	55S Electronic nippers (B)  Spring Loaded Size : 120mm 150mm Weight : 70g 130g	450 450P Diagonal cutting nippers (B)  (with stripping hole) Spring Loaded  phi 1.2 or phi 1.7 Size : 125mm 150mm Weight : 70g 130g	33S Diagonal cutting nippers (B)  (with 2 stripping holes) Spring Loaded Stripping hole  phi 1.2 & phi 1.7 Size : 125mm 150mm Weight : 70g 110g	55S-PM Electronic nippers (B)  (wire holding type) Spring Loaded scatter-proof device Size : 120mm 150mm Weight : 70g 130g
	WA1000 Compound cutting nippers (A)  Spring Loaded Size : 160mm, Weight : 160g	Nippers for piano wire (Spring Loaded)		
		CT55 Electro nippers (B)  (carbide tipped) Size : 120mm 150mm Weight : 70g 135g	CT305-7, CT305-8 Diagonal cutting nippers (A)  (carbide tipped) Model CT305-7 CT305-8 Size : 175mm 200mm Weight : 195g 245g	

Nippers for cutting plastics (Spring Loaded)

Section
of
blade

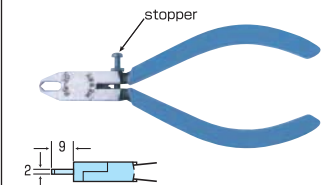


140S Flat plastic nippers (with adjustable stopper)



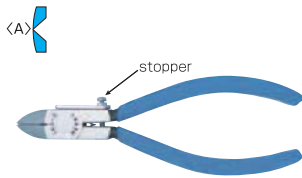
Size : 130mm, Weight : 70g
● Cutting capacity : ϕ 3 mm

PG20 Pin gate plastic nippers (with adjustable stopper)



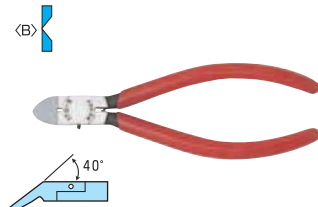
Size : 125mm, Weight : 70g
● Cutting capacity : ϕ 1 mm

160S High plastic nippers (with adjustable stopper)



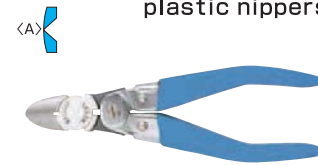
Size : 125mm 150mm
Weight : 75g 110g
● Cutting capacity : ϕ 3·5mm

170S Angled plastic nippers



Size : 150mm, Weight : 120g
● Cutting capacity : ϕ 5 mm

WA 1000F Compound action plastic nippers



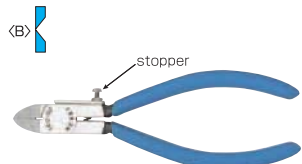
Size : 160mm, Weight : 160g
● Cutting capacity : ϕ 5 mm

2000EF End cutting plastic nippers



● Cutting capacity : ϕ 3 mm

160SF High plastic nippers (with adjustable stopper)



Size : 125mm 150mm
Weight : 75g 110g
● Cutting capacity : ϕ 3·5mm

99 Heavy-duty plastic nippers



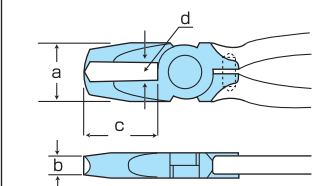
Size : 150mm 175mm 200mm
Weight : 185g 235g 310g
● Cutting capacity : ϕ 8·9·10mm

68S Narrow nose plastic nippers



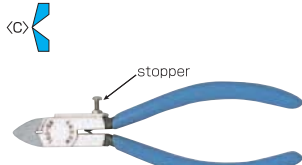
Size : 125mm, Weight : 70g
● Cutting capacity : ϕ 2 mm

23EF, 24EF, 25EF, 26EF End cutting plastic nippers



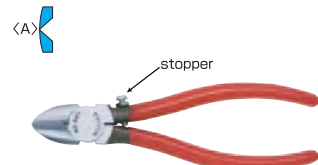
● Cutting capacity : ϕ 3 mm

160SA High plastic nippers (with adjustable stopper)



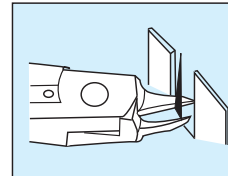
Size : 125mm 150mm
Weight : 75g 110g
● Cutting capacity : ϕ 3·5mm

99S Heavy-duty plastic nippers (with adjustable stopper)



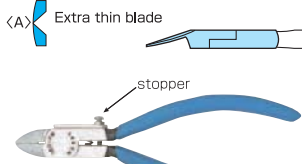
Size : 150mm 175mm 200mm
Weight : 185g 240g 315g
● Cutting capacity : ϕ 8·9·10mm

For cutting in narrow spaces.



Model	Size	Weight	a	b	c	d
2000EF	190	175	18.0	8.0	35.0	2.0~9.0
23EF	130	105	17.0	7.0	20.0	6.0
24EF	115	65	13.0	5.5	20.0	3.0
25EF	145	110	17.0	5.5	31.0	4.0
26EF	140	110	17.0	7.0	27.0	7.0

160FW High plastic nippers (with adjustable stopper)



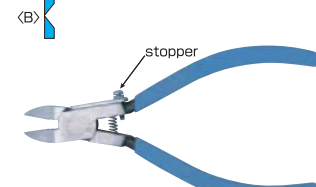
Size : 125mm 150mm
Weight : 75g 110g
● Cutting capacity : ϕ 3·5mm

99SF Heavy-duty plastic nippers (with adjustable stopper)

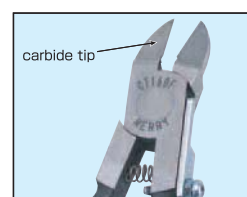


Size : 150mm 175mm 200mm
Weight : 185g 240g 315g
● Cutting capacity : ϕ 8·9·10mm

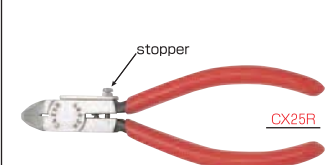
CT160F Plastic nippers (Carbide tipped) (with adjustable stopper)



Size : 125mm 150mm
Weight : 75g 110g
● Cutting capacity : ϕ 3·5mm



CX25R, HW25R R-cut plastic nippers (with adjustable stopper)



● CX25R (Convex blade)
● HW25R (Concave blade)



Size : 150mm, Weight : 110g
● Cutting capacity : ϕ 5 mm

66S Plastic nippers

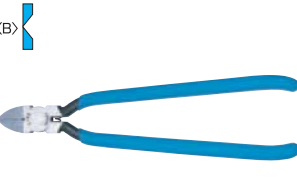


Size : 150mm, Weight : 130g
● Cutting capacity : ϕ 5 mm

550SF Box joint plastic nippers



Size : 125mm 150mm
Weight : 95g 125g
● Cutting capacity : ϕ 3·5mm

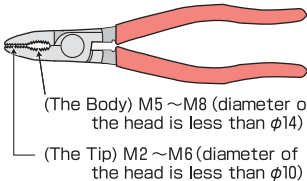
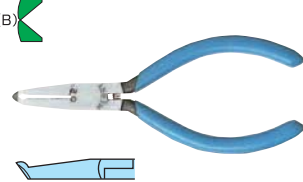
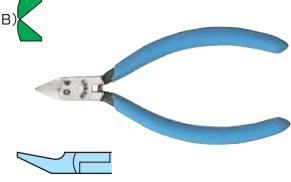
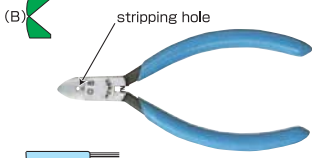
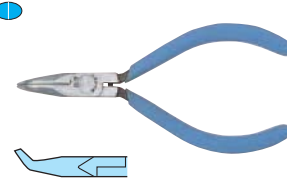
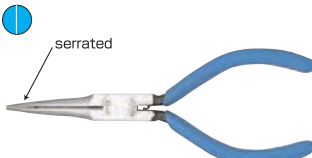
M11 Plastic nippers  Size : 125mm Weight : 75g ● Cutting capacity : $\phi 3$ mm	M12 Plastic nippers  Size : 125mm Weight : 75g ● Cutting capacity : $\phi 3$ mm	O2SP Tip edge nippers  Size : 125mm Weight : 75g ● Cutting capacity : $\phi 2$ mm	L40 Long handle nippers  Size : 190mm Weight : 150g ● Cutting capacity : $\phi 5$ mm
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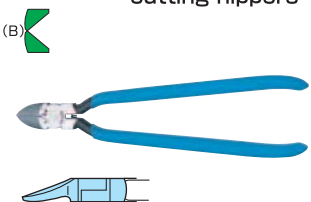
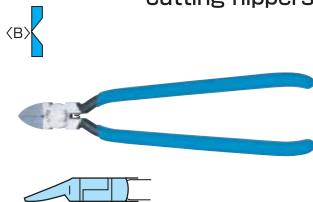
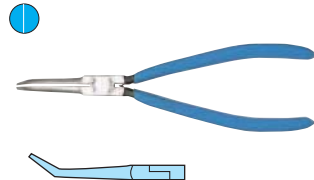
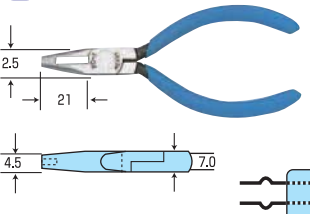
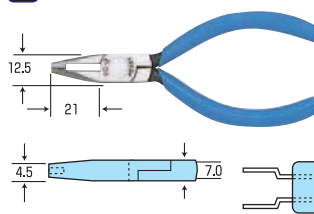
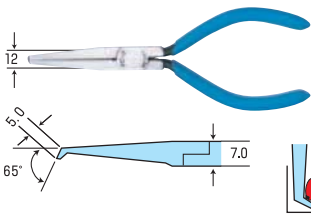
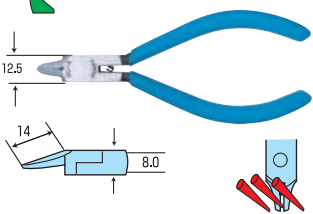
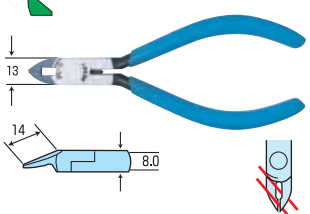
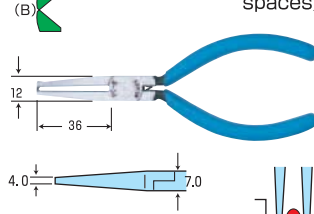
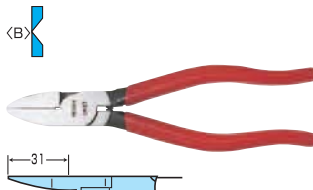
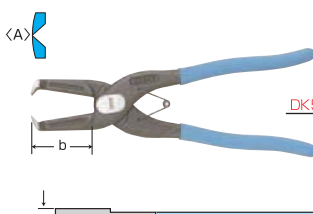
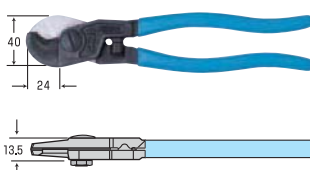
HEAT NIPPERS FOR CUTTING PLASTICS

The built-in heater warms the blade edges for easier, crack-free cutting of fragile materials such as acrylics, styrene plastic, and glass resins. These heat nippers must be used with suitable transformer. (Spring Loaded)



HT120 (End cutting type)  Size : 150mm, Weight : 275g ● Cutting capacity : $\phi 4$ mm Blade length : 10 mm Heater : W19	HT130 (Long blade type)  Size : 165mm, Weight : 270g ● Cutting capacity : $\phi 4$ mm Blade length : 27 mm Heater : W19	HT140 (Flat blade type)  Size : 160mm, Weight : 265g ● Cutting capacity : $\phi 4$ mm Blade length : 22 mm Heater : W19
HT160 (for Cutting narrow spaces)  Size : 150mm, Weight : 255g ● Cutting capacity : $\phi 4$ mm Blade length : 16 mm Heater : W19	HT170 (Angle blade type)  Size : 150mm, Weight : 275g ● Cutting capacity : $\phi 4$ mm Blade length : 22 mm Heater : W19	HT180 (Standard type)  Size : 190mm, Weight : 295g ● Cutting capacity : $\phi 4$ mm Blade length : 16 mm Heater : W19
HT200 (Heavy-duty type)  Size : 190mm, Weight : 375g ● Cutting capacity : $\phi 7$ mm Blade length : 23 mm Heater : W29	HTR30N <100V> Transformer for heat nippers model HT120~HT200  Input power : AC 100V Length of cord : 1.5 m Weight : 1.7kg	Heater ● W-19 《24V-19W》 ● W-29 《24V-29W》 
HT180DX (with Sensor)  Size : 190mm, Weight : 310g ● Cutting capacity : $\phi 4$ mm Blade length : 16 mm Heater : W19	HTR100D (Digital Indication Type) Transformer for HT180DX with temperature controller  Input power : AC 100V Length of cord : 1.83 m Weight : 1.9kg	HDT100 Step-Down Transformer for HTR30N-100V  Input power : AC 220V~240V Output power : AC 100V Length of cord : 1.85 m Weight : 950g

Long nose side cutting pliers & Pliers	105  Long nose side cutting pliers Spring Loaded  Size : 150mm 175mm Weight : 115g 150g	105H  Long nose side cutting pliers Spring Loaded  Size : 150mm 175mm Weight : 130g 165g	150 Long nose side cutting pliers (slim type) Spring Loaded  Size : 150mm Weight : 65g
2500 Duck-bill pliers  Size : 200mm Weight : 180g	2500R Long reach needle nose pliers  Size : 200mm Weight : 180g	2500T Nail pliers for tire repair special hand tool for removing nails on tires.  Size : 200mm Weight : 175g	ZA185 Screw pliers  Size : 185mm Weight : 250g
Miniature series (Spring Loaded)	Y75 Heavy-duty semi-long nose pliers  Size : 185mm 225mm Weight : 260g 370g	105F Flat nose pliers Spring Loaded  Size : 150mm 175mm Weight : 110g 160g	Suitable screw size for ZA185  (The Body) M5~M8 (diameter of the head is less than $\phi 14$) (The Tip) M2~M6 (diameter of the head is less than $\phi 10$)
01 Miniature nippers  Size : 100mm, Weight : 35g	02 Miniature nippers (Tip edge type)  Size : 125mm, Weight : 55g	03 Miniature nippers  Size : 100mm, Weight : 45g	04 Miniature nippers  Size : 100mm, Weight : 45g
05 Miniature nippers (with stripping hole)  Size : 100mm, Weight : 45g	06 Miniature needle pliers  Size : 110mm, Weight : 40g	07 Miniature bent nose pliers  Size : 110mm, Weight : 40g	08 Miniature flat nose pliers  Size : 110mm, Weight : 40g
09 Miniature semi needle pliers  Size : 120mm, Weight : 40g	M10 Miniature long needle pliers  Size : 150mm, Weight : 65g	M11 Miniature plastic cutting nippers  Size : 125mm, Weight : 75g	M12 Miniature plastic cutting nippers  Size : 125mm, Weight : 75g
M13 Miniature needle pliers  Size : 140mm, Weight : 70g	M14 Miniature side cutting pliers  Size : 130mm, Weight : 60g	M15 Miniature chain nose pliers  Size : 125mm, Weight : 60g	M16 Miniature end cutting nippers  Size : 115mm, Weight : 60g

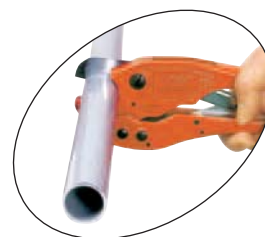
Long handle series (Spring Loaded)	L30 Long handle cutting nippers  Size : 190mm, Weight : 150g	L40 Long handle plastics cutting nippers  Size : 190mm, Weight : 150g	L50 Long handle needle pliers  Size : 200mm, Weight : 110g																	
L60 Long handle bent nose pliers  Size : 200mm, Weight : 110g	L70 Long handle flat nose pliers  Size : 185mm, Weight : 110g	PC series Nippers & Pliers (Spring Loaded)	PC1 PC forming pliers 〈for bending lead wires〉  Size : 115mm, Weight : 60g																	
PC2 PC forming pliers 〈for bending lead wires〉  Size : 115mm, Weight : 60g	PC3 PC bent nose pliers 〈for grasping in narrow and deep spaces〉  Size : 140mm, Weight : 65g		PC4 PC nippers 〈for cutting in narrow spaces〉  Size : 125mm, Weight : 70g	PC5 PC nippers 〈for cutting beyond certain articles〉  Size : 125mm, Weight : 70g																
PC6 PC end cutting nippers 〈for cutting in deep spaces〉  Size : 130mm, Weight : 65g	Duct cutters 〈End cutting type〉 (Spring Loaded)																			
Duct Cutting Nippers (Spring Loaded)	DN36  Size : 195mm, Weight : 250g	DN37  Size : 195mm, Weight : 240g	Cable Cutters																	
	DK55, DK65 Duct cutters  <table><tr><th>Model</th><th>Size</th><th>Weight</th><th>a</th><th>b</th><th>Cutting capacity</th></tr><tr><td>DK55</td><td>250</td><td>510g</td><td>20</td><td>55</td><td>φ 8</td></tr><tr><td>DK65</td><td>250</td><td>490g</td><td>20</td><td>65</td><td>φ 8</td></tr></table>			Model	Size	Weight	a	b	Cutting capacity	DK55	250	510g	20	55	φ 8	DK65	250	490g	20	65
Model	Size	Weight	a	b	Cutting capacity															
DK55	250	510g	20	55	φ 8															
DK65	250	490g	20	65	φ 8															
Snap Ring Pliers 〈Adjustable for setting gap〉 (Spring Loaded)	HS175A with straight pin(3set) for hole  Size : 200mm, Weight : 190g	JS175A with straight pin(3set) for shaft  Size : 200mm, Weight : 190g	CK20 Cable cutters  Size : 215mm, Weight : 313g ● Cutting capacity : 38mm² wire																	

SNIP

PLASTIC PIPE CUTTERS

For cutting plastic pipe, plastic surface raceway, etc

PIP7Z



Weight : 270g
Cutting capacity : ϕ 26 mm
Blade : P7

PIP19

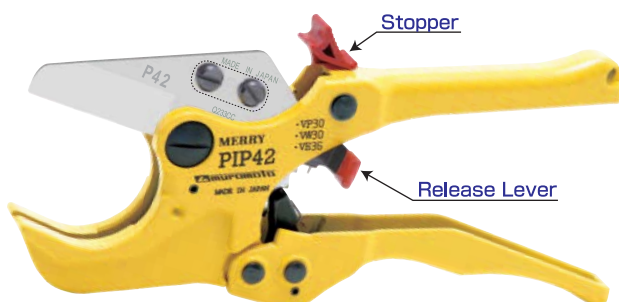


Weight : 360g
Cutting capacity : ϕ 42 mm
Blade : P18Z

Possible to cut plastic surface raceway at any desired angle with an attachment installed.

PIP42

Blade can be locked with Stopper when off-work for security.
Blade-opening by pushing Release Lever down.



Blade: P42

Weight : 340g
Cutting capacity : ϕ 42 mm
Blade : P42

Possible to cut plastic surface raceway at any desired angle with an attachment installed.

PIP20



Weight : 1,000g
Cutting capacity : ϕ 63 mm
Blade : P20

SNIP

MULTI-PURPOSE QUICK, CLEAN CUTTERS

Designed for one-hand operation.
Suitable for soft materials.

■ SX5 (Slim type)



■ SX7 (Ratchet type)



3-step ratchet mechanism



Cutting nylon hose, rubber hose, soft
cable wire, plastic channel, leather belt, etc

■ SX10 (Heavy-duty type)



■ SX20 (Long blade type)



Examples of subjects for cutting



■ Protector



■ Nylon hose



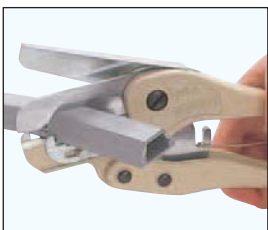
■ Electric wire
(Twisted wire)



■ Tree branch

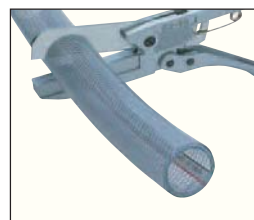


■ Plastic cable
protector

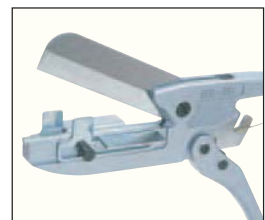


Cutting of plastic
protector

Cutting of cable
protector



Cutting of
nylon hoses



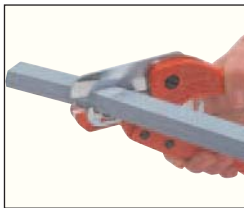
An attachment is available for
right and 45° angle cutting.
(Standard accessory)

Model	Overall length	Weight	Blade length	Blade	Plastic plate
SX5	195mm	140 g	53mm	X5	PB-SX5
SX7	230mm	215 g	65mm	X7	PB-SX7
SX10	210mm	340 g	65mm	X10	PB-SX10
SX20	285mm	535 g	110mm	X20	PB-SX20

DUCT AND MOULD CUTTERS

for cutting plastic ducts, plastic cable protector, etc

■ SX15 (Standard type)

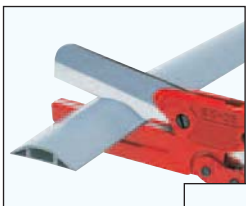


Possible to cut plastic surface protector at any desired angle with an optional attachment installed.



Plastic duct and duct cover

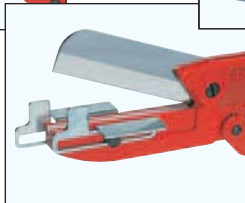
■ SX25 (Long blade type)



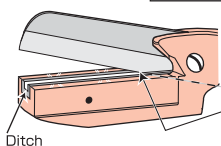
Cutting flat and wide cable protector.



Cutting plastic duct of up to 80mm in width.



An attachment is available, for right and 45° angle cutting. (standard accessory)



Cutting from the root of the blade gradually.

Model	Overall length	Weight	Blade	Blade length	Plastic plate
SX15	210mm	335 g	X15	65mm	PB-SX15
SX25	285mm	535 g	X25	110mm	PB-SX25

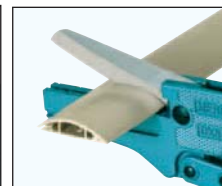
■ DX80 (Ratchet type)



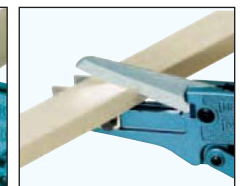
3-step ratcheting



Cutting plastic duct of up to 80mm in width



Cutting cable protector



An attachment is available for right and 45° angle cutting (standard accessory)

Model	Overall length	Weight	Blade	Blade length
DX80	255mm	365 g	X80	92mm

■ MDC110Z (Ratchet type)



For cutting various ducts and 45° angle cutting



Plastic Ducts
Right angle : up to 100mm
45° angle : up to 60mm



Plastic cable protector
Right angle : up to 90mm
45° angle : up to 60mm

Model	Overall length	Weight	Blade	Blade length
MDC110Z	320mm	740 g	MD110	110mm

FLEKI-SNIP for cutting reinforced flexible conduits.

FL38N



Light in weight and compact in design for comfortable one-hand operation.



FL38N



FL50

FL50



Model	Overall length	Weight	Cutting capacity	Blade
FL38N	220mm	150 g	Reinforced flexible conduits up to $\phi 38$ mm o.d.	FP38
FL50	250mm	425 g	Reinforced flexible conduits up to $\phi 55$ mm o.d.	FP50

MULTI CUTTER for water piping service

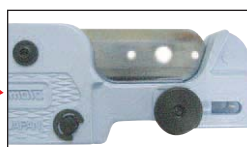
MC80



Suitable for cutting plumbing materials such as bridge polyethylene tube and CD tube especially for water supply or hot water supply construction.



Adjusting screw



Holding space can be adjusted through adjusting Screw up to Max, width of 18mm.

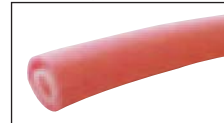
■ Silicon hose (up to $\phi 34$)



■ CD tube (up to $\phi 34$)



■ Bridge polyethylene tube (up to $\phi 34$)



■ Protector



The symmetrical type blade C80 can be used on both sides alternatively when one side is worn.

Model	Overall length	Weight	Blade
MC80	233mm	225 g	C80

MERRY GATE CUTTER

GCX5



- Suitable for cutting wide film gate.
- Indispensable in resin molding works.
- Cutting for various kinds of soft materials.
- A Roller is installed to boost action of blade to assure sharp and fine cutting with less manual power.

No obstacle on the blade surface secures close contact with the subject to make clean cutting finish.

GC5



PB-GCX5



Cutting film gate



Cutting hose



Model	Overall length	Weight	Blade	Plastic plate
GCX5	170mm	185 g	GC5	PB-GCX5

STRIPPER FOR VVF WIRE

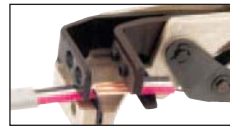
VST80



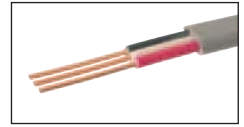
Applicable to 4 different sizes of VVF wires
($\phi 1.6 \times 2$, $\phi 1.6 \times 3$, $\phi 2.0 \times 2$, $\phi 2.0 \times 3$)



stripping outer sheath



stripping inner sheath



finish



Blade adjusting dial is installed for adjustment of blade opening.

Model	Overall length	Weight	Blade
VST80	190mm	380g	VB80

MINI WIRE STRIPPER

VST25

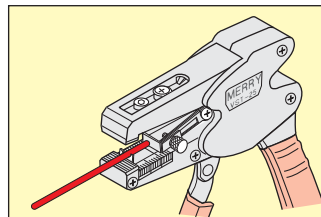


PAT. & PAT. P. in :
(Japan, USA, Canada, Australia, UK,
France, Germany, Italy & Korea.)

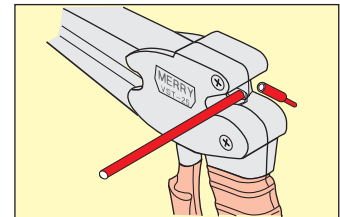
Handy stripper for non-step operation.

Applicable to single and multi-core wires
of $0.05\text{mm}^2 \sim 3.5\text{mm}^2$ ($\phi 0.25 \sim 2.6\text{mm}$).
(Stripping length can be adjusted.)

Slim and long head permits operation in narrow spaces.



The V-shaped stripping blade allows easy clutching of the wire.



Wire cutting function is additionally provided.

Model	Length	Weight	Stripping capacity	Blade	Cutting capacity (copper)	Blade
VST25	120mm	260g	$0.05 \sim 3.5\text{mm}^2$ (AWG30~10)	VS20	$\phi 2.6\text{mm}$	VC25

HEAVY-DUTY CABLE STRIPPER (Light in weight)

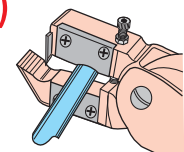
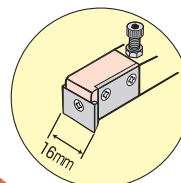
LW25



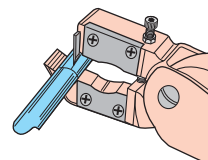
No experienced professional skill is needed to strip large cables. Quick, safe and easy stripping achievement is assured.

<Blade can be changed easily>

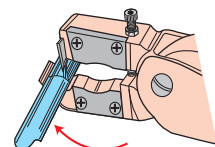
Model	Length	Weight	Stripping capacity	Blade <Cross wise>	Blade <Length wise>
LW25	180mm	210g	Maximum $\phi 25\text{mm}$ of cable protector Minimum $\phi 8\text{mm}$ of core cable	LW25-1	LW25-2



① Cut the wire protector crosswise by turning the cable several times.



② Slit the wire protector lengthwise.



③ Strip out the cut skin of the protector with the blade by turning the cable. Use hand pliers when necessary.

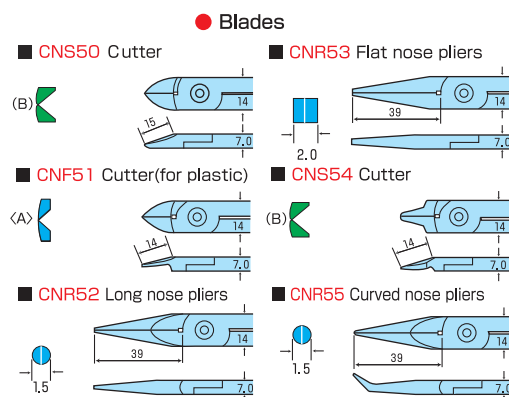
CASSETTE PLIERS

- Blades can be easily replaced.
- Blade opening is adjustable.



Applicable for :

- ★ Setting precise & small parts
- ★ Cutting fine wires
- ★ Assembling plastic hobby models
- ★ Repairing appliances

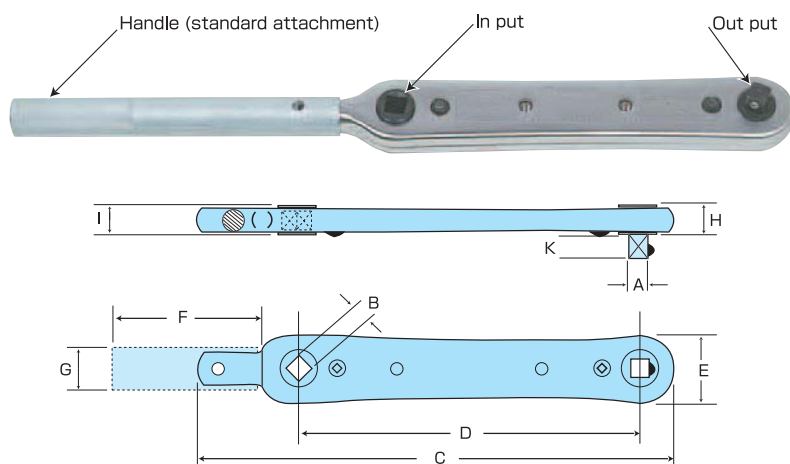


Model	Weight	Blade	Cutting capacity
CN5-50	105g	CNS50	copper $\phi 1.0\text{mm}$ steel $\phi 0.5\text{mm}$
CN5-51	105g	CNF51	plastic(only) $\phi 2.0\text{mm}$
CN5-52	110g	CNR52	
CN5-53	110g	CNR53	
CN5-54	105g	CNS54	copper $\phi 1.0\text{mm}$ steel $\phi 0.5\text{mm}$
CN5-55	110g	CNR55	

BARRIER WRENCHES

The unique "MERRY" Barrier Wrenches have solved the problem of difficult bolt / nut fastening and loosening jobs in narrow and hard-to-reach places.

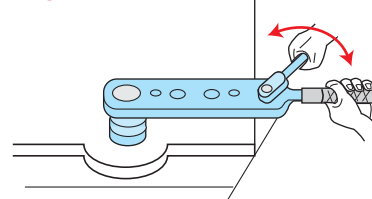
(Fastening torque is transferred through a chain.)



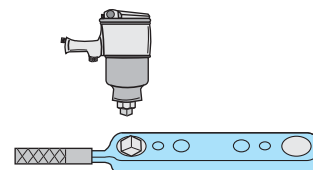
AN EXAMPLE OF APPLICATION

Barrier Wrenches offer safe and smooth service for replacement or adjustment of the cultivator blades in narrow space.

- General use with ratchet wrench



- Impact Wrench can be used instead of a ratchet wrench **only for YL2.** (Torque should not exceed 180N-m.)



Model	Square size A × B	C	D	E	F	G	H	I	K	Weight	Max. allowable torque
YL1A	9.5□ × 9.5□	300	217	39	150	$\phi 20$	18	22	10	820g	94N-m
YL2	12.7□ × 12.7□	327	228	49	210	$\phi 26$	20	25	14	1,330g	196N-m

SPRINGS FOR MERRY NIPPERS AND CUTTERS

Model	Order Quantity	Adaptable Type
MBN-01	1OP	55S-120,160S-125,02,09,M11,M12,M14,etc
MBN-02	1OP	55S-150,160S-150,66S,33S-150,CT55-150,etc
MBN-03	1OP	99-175/200,206S-175/200,etc
MBN-04	1OP	01,03,04,05,06,07,08
MBN-05	1OP	L30,L40,HT160,550S,170S,etc
MBN-06	1OP	105-150,23EF,25EF,26EF

Model	Order Quantity	Adaptable Type
MBN-07	1OP	99-150,206S-150,HT120,HT130,HT140
MBN-08	1OP	HT180
MBN-09	1OP	HT200
MBN-10	5P	PIP19
MBN-11	5P	SX5
MBN-12	5P	SX10,SX15

GUIDANCE FOR CUTTING CAPACITY

Diagonal cutting nippers

Model	Size	Cutting capacity ϕ mm		
		Steel wire	Copper wire	Piano wire
205 205H	150	2.0	2.6	
	175	2.0	3.0	
	200	2.6	3.5	
206S	150	2.0	2.6	
	175	2.0	3.0	
	200	2.6	3.5	
305-7	175	2.6	3.5	
305-8	200	3.2	4.0	
450	125	0.8	1.2	
	150	1.5	2.6	
450P (with stripping hole)	125	0.8	1.2	
	150	1.5	2.6	
33S (with stripping hole)	125	0.8	1.2	
	150	1.5	2.6	
55S	120	0.8	1.2	
	150	1.5	2.6	
55SPM	120	0.8	1.2	
	150	1.5	2.6	
550S	125	0.9	1.2	
	150	1.6	2.0	
01	100	0.5	0.8	
02	125	0.5	0.8	
03	100	0.5	0.8	
04	100	0.5	0.8	
05	100	0.5	0.8	
M16	115	0.5	0.8	
L30	190	1.2	2.0	
PC4	125	0.9	1.6	
PC5	125	0.7	1.6	
PC6	130	0.5	0.8	
405-7	175	2.0	3.0	
405-8	200	2.4	3.2	
405-9	230	2.6	3.5	
WA1000	160	2.0	2.6	
CT55	120	—	—	0.5
	150	—	—	0.5
CT305-7	175	—	—	1.0
CT305-8	200	—	—	1.2
CN5-50	—	0.5	1.0	
CN5-54	—	0.5	1.0	

Plastic cutting nippers

Model	Size	Cutting capacity <Plastic>
160S	125	3.0
	150	5.0
160SF	125	3.0
	150	5.0
160SA	125	3.0
	150	5.0
160FW	125	2.0
	150	4.0
CT160F	125	3.0
	150	5.0
66S	150	5.0
68S	125	2.0
99 99S 99SF	150	8.0
	175	9.0
	200	10.0
140S	130	3.0
170S	150	5.0
L40	190	5.0
M11	125	3.0
M12	125	3.0
550SF	125	3.0
	150	5.0
WA1000F	160	5.0
CX25R	150	5.0
HW25R	150	5.0
2000EF	190	3.0
23EF	130	3.0
24EF	115	3.0
25EF	145	3.0
26EF	140	3.0
PG20	125	1.0
DK55	250	8.0
DK65	250	8.0
DN36	195	6.0
DN37	195	8.0
CN5-51	—	2.0

Heat nippers

Model	Size	Cutting capacity <Plastic>
HT120	150	4.0
HT130	165	4.0
HT140	160	4.0
HT160	150	4.0
HT170	150	4.0
HT180	190	4.0
HT200	190	7.0
HT180DX	190	4.0