



nile air tools

BLADES



BLADES

Section of blade

Single blade

Standard

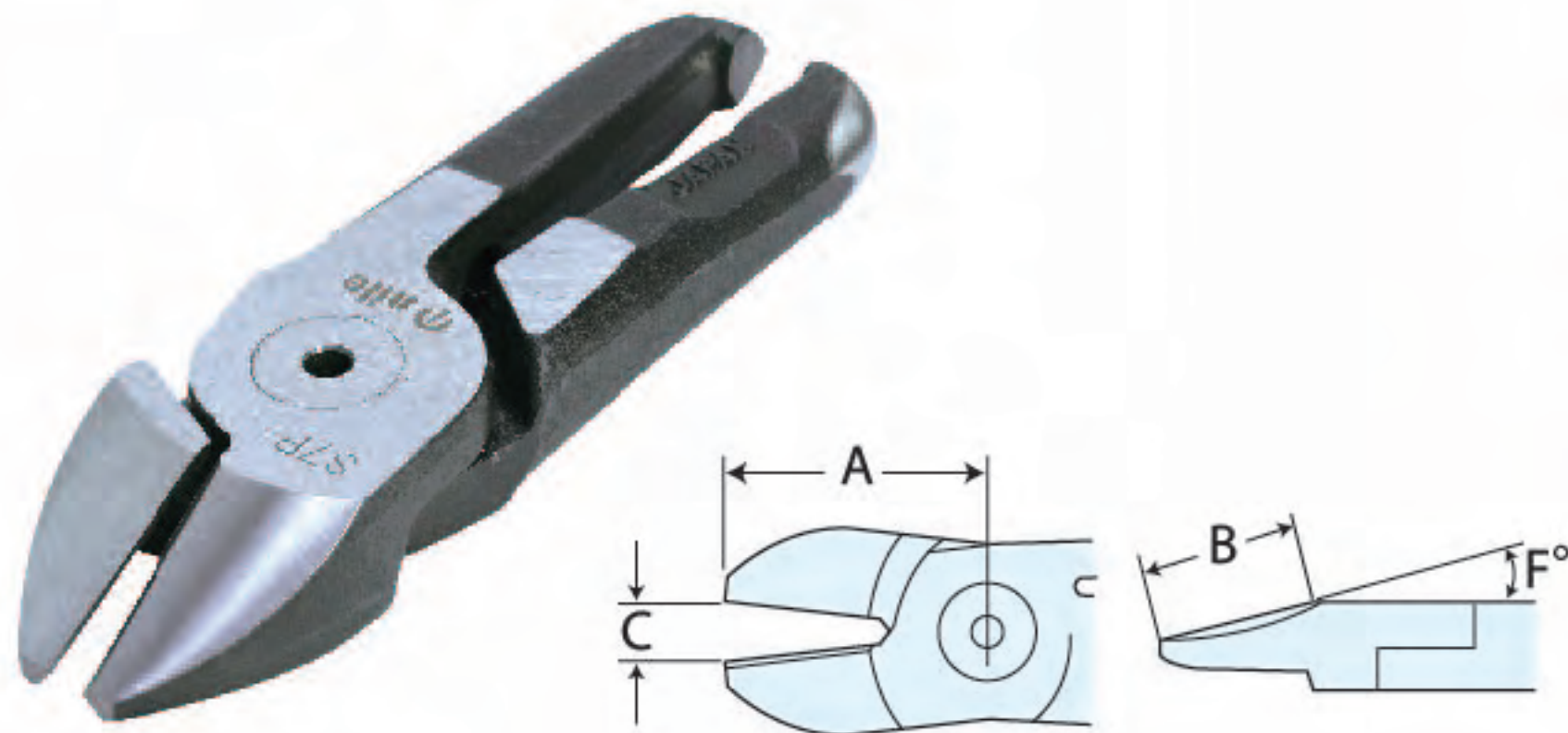
Full-flush round type

Full-flush flat type

S
Type

Standard Blades

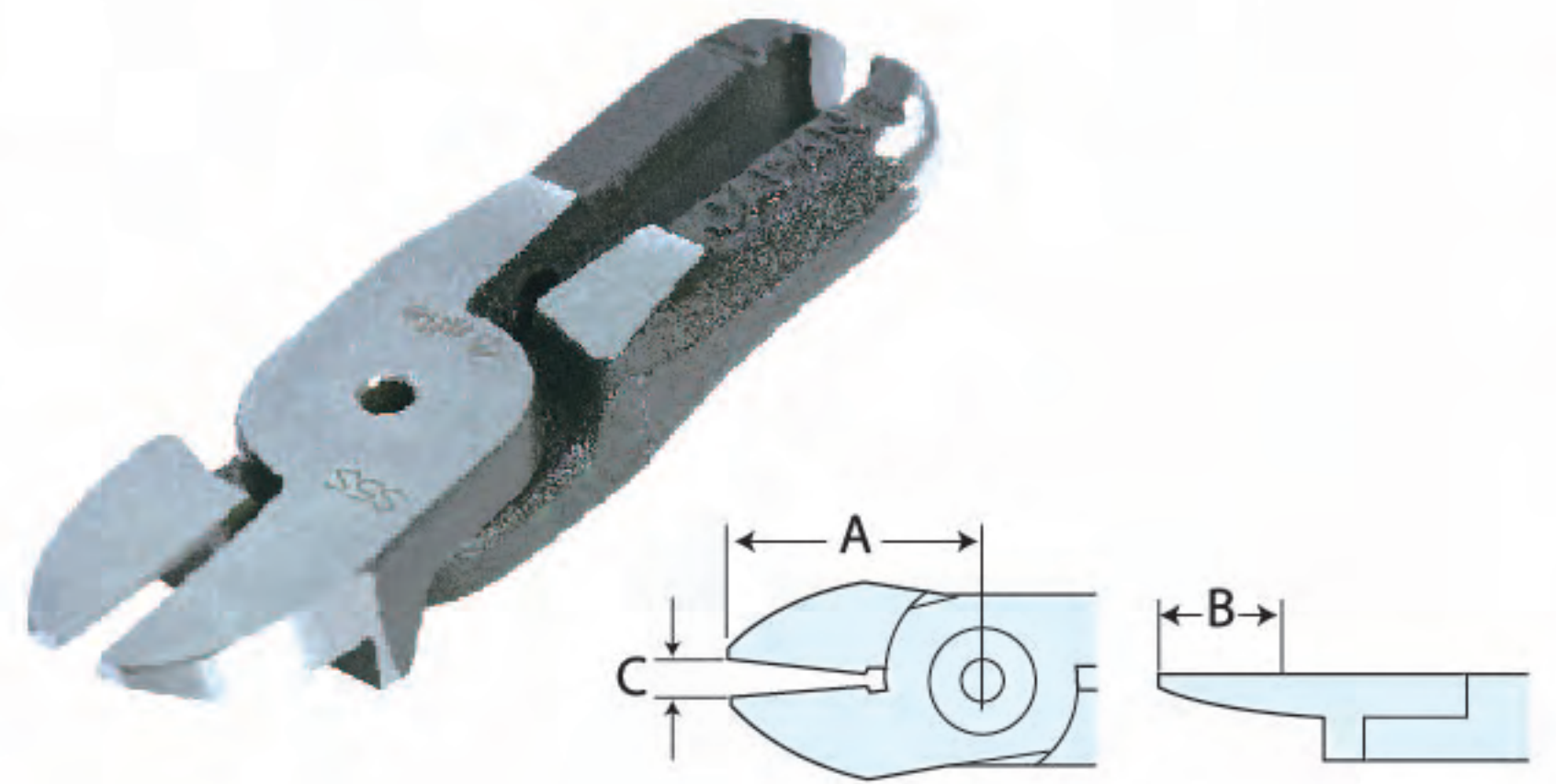
Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
S20	24.0	12.0	2.5	25	Single blade
S2	24.0	12.0	3.0	25	Single blade
S4	27.0	14.0	5.0	25	Single blade
S5A	35.0	17.0	5.5	30	Single blade
S5	35.0	17.0	7.0	30	Single blade
S250	43.0	20.0	10.0	15	Single blade
S7P1	43.0	20.0	7.0	30	Single blade
S9P1	65.0	38.0	12.0	15	Single blade
S7P	43.0	20.0	7.0	30	Single blade
S9P	66.0	38.0	16.0	15	Single blade
S120	45.0	22.0	9.0	35	Standard



S-S
Type

Flat surface

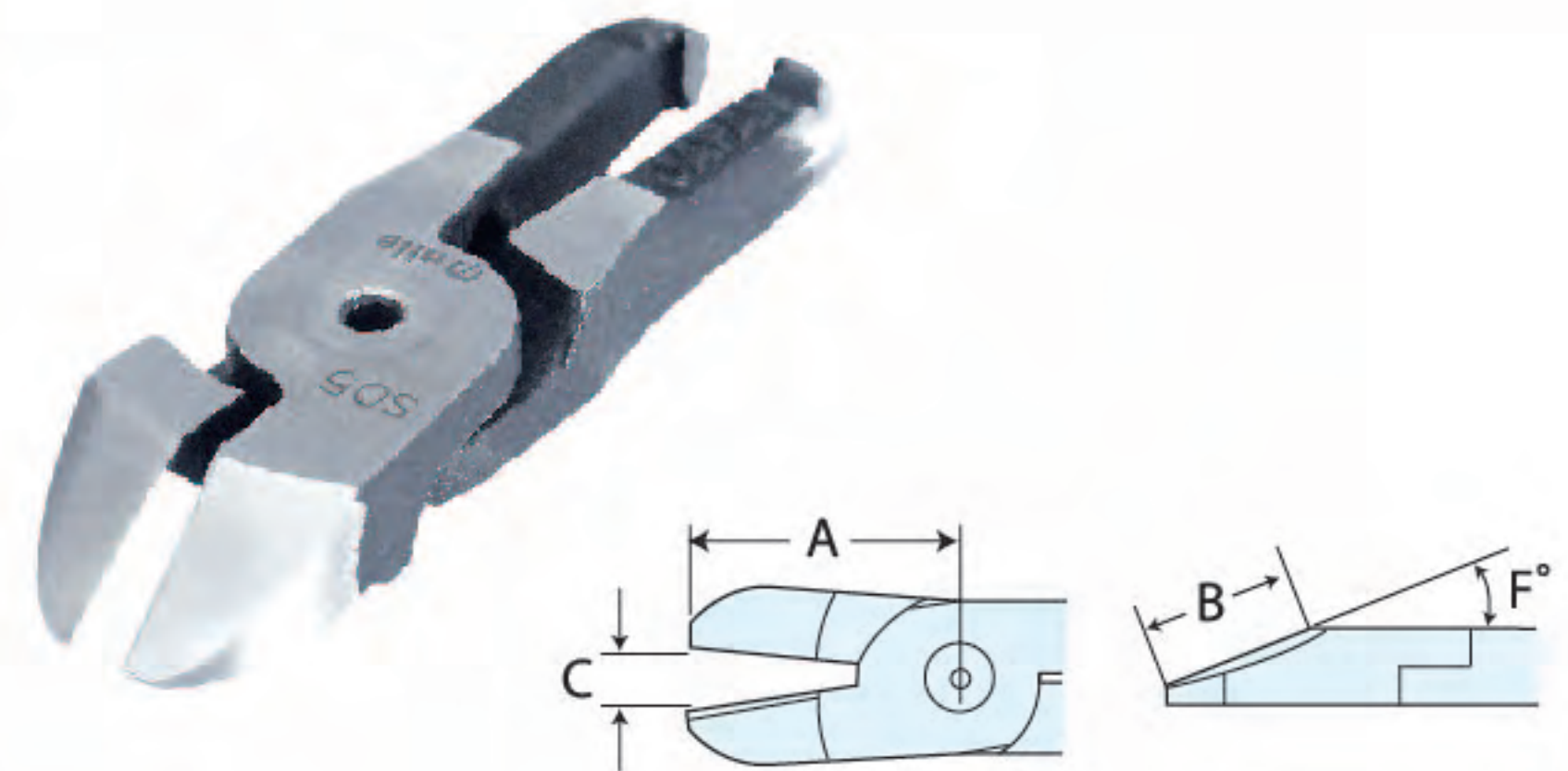
Model	Dimensions (mm)			Section of blade
	A	B	C	
S20S	24.0	12.0	2.5	Single blade
S2S	24.0	12.0	3.0	Single blade
S4S	27.0	13.0	5.0	Single blade
S5AS	35.0	17.0	5.5	Single blade
S5S	35.0	17.0	7.0	Single blade
S250S	43.0	23.0	10.0	Single blade
S7P1S	43.0	22.0	7.0	Single blade
S7PS	43.0	20.0	7.0	Single blade
S9PS	66.0	37.0	16.0	Single blade
S120S	55.0	30.0	10.0	Standard



SD
Type

Level cutting for Copper and Steel

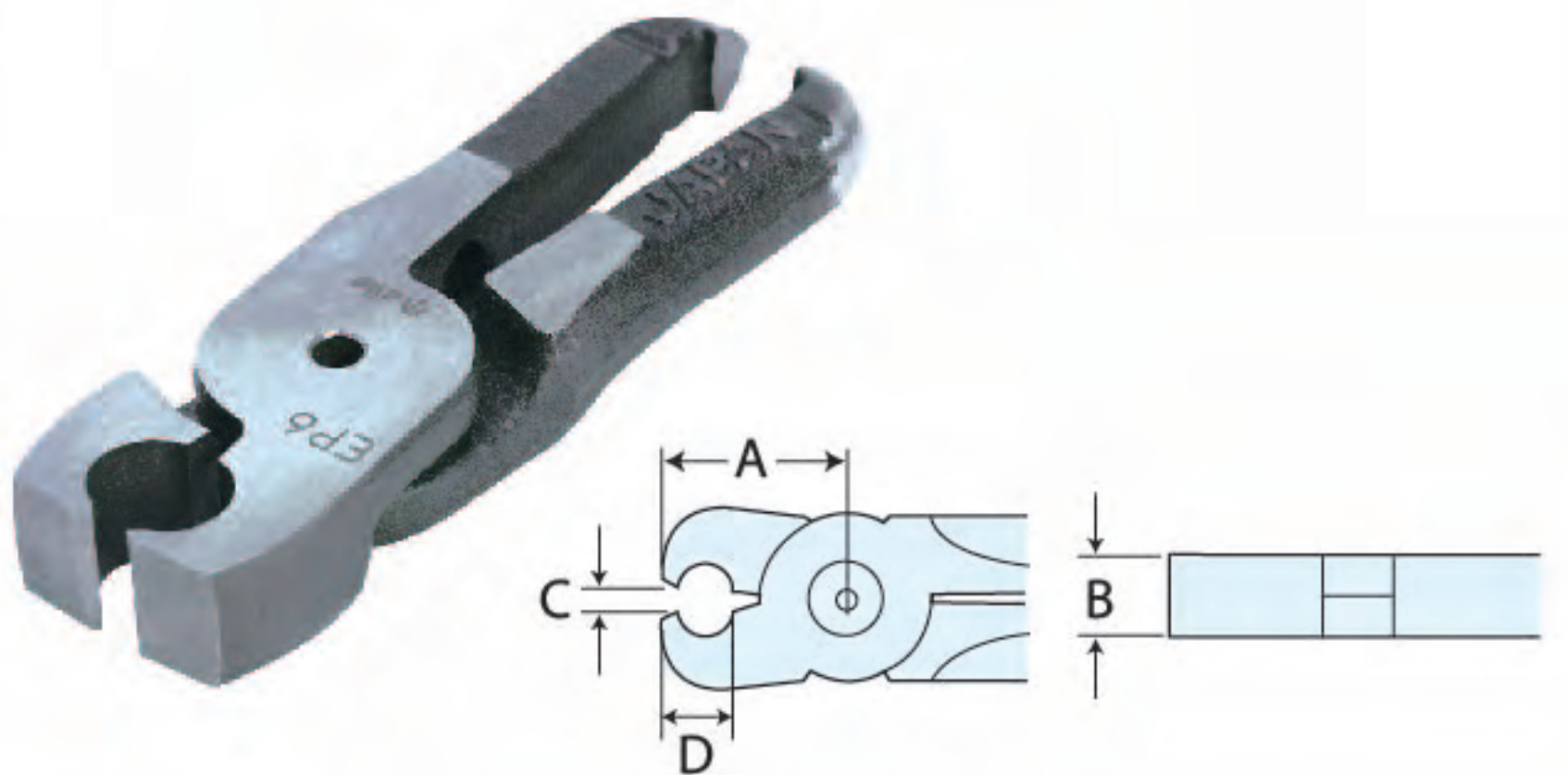
Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
SD20	24.0	9.0	2.5	40	Single blade
SD2	24.0	9.0	3.0	40	Single blade
SD4	27.0	9.0	5.0	40	Single blade
SD5A	35.0	14.0	5.5	40	Single blade
SD5J	34.0	14.0	5.0	40	Single blade
SD5	35.0	14.0	8.0	40	Single blade
SD250	43.0	14.0	10.0	40	Single blade
SD9P1	58.0	25.0	10.0	30	Single blade
SD9P	58.0	25.0	14.0	30	Single blade



EP
Type

End cutting edge

Model	Dimensions (mm)				Section of blade
	A	B	C	D	
EP20	20.0	7.0	2.0	7.5	Standard
EP2	20.0	7.0	2.5	7.5	Standard
EP4	26.0	9.0	4.5	11.8	Standard
EP6A	28.0	12.0	4.5	11.8	Standard
EP6	28.0	12.0	5.5	11.8	Standard
EP10P1	34.0	17.0	5.5	11.5	Standard
EP10P	34.0	17.0	5.5	11.5	Standard
EP120	40.0	25.0	8.0	15.0	Standard



BLADES

Section of
blade

Single
blade



Standard



Full-flush
round type



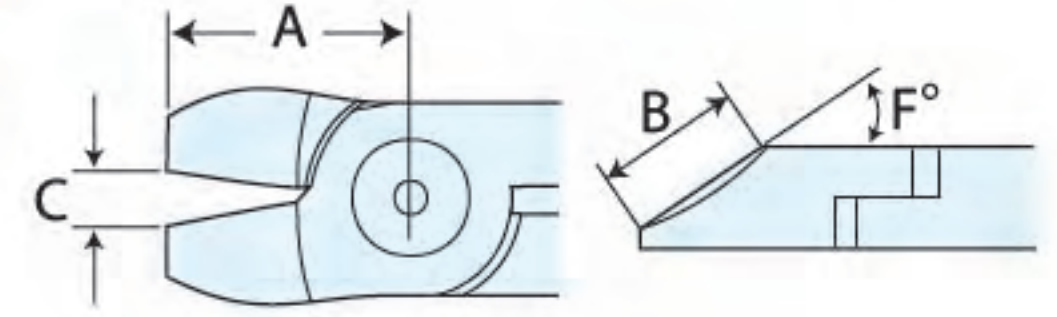
Full-flush
flat type



P
Type

Heavy-duty

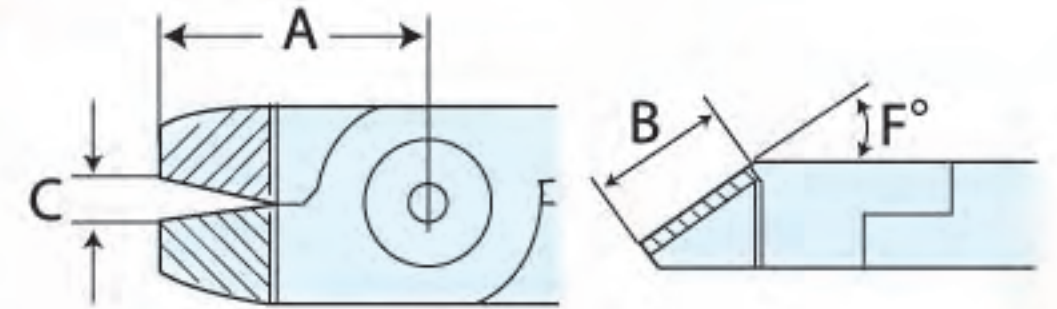
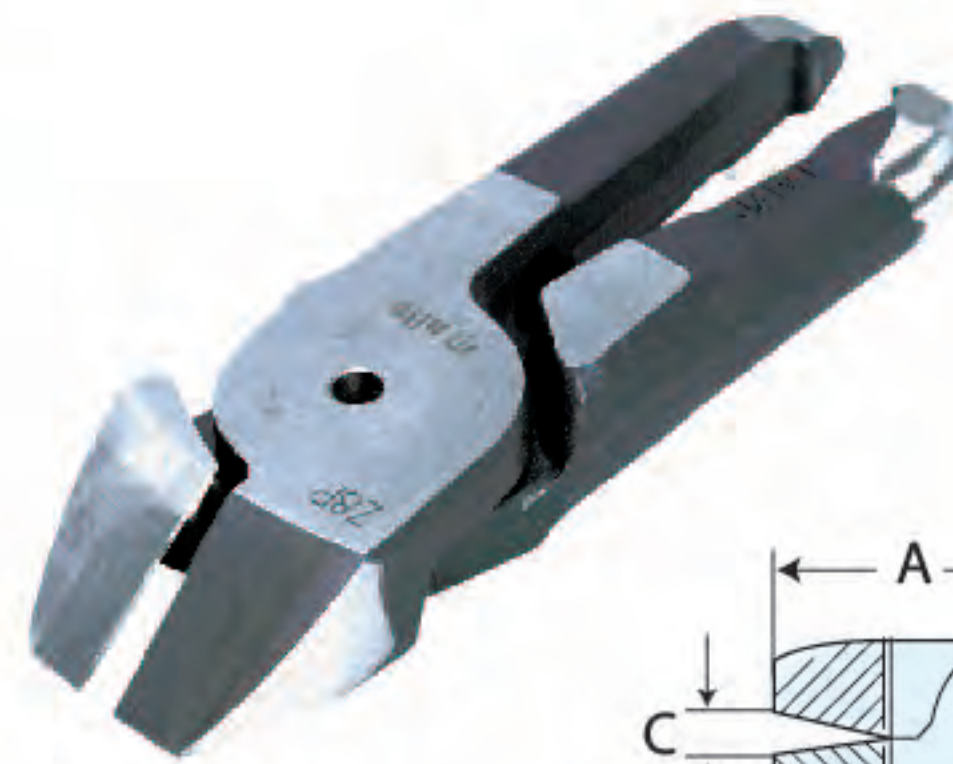
Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
P6A	29.0	12.0	4.5	35	Single blade
P6	29.0	11.0	6.0	35	Single blade
P8P1	37.0	12.0	5.0	25	Standard
P8P1S	37.0	15.0	5.0	–	Standard
P8P	37.0	12.0	6.0	25	Standard
P8PS	37.0	12.0	6.0	–	Standard
P120	40.0	16.0	8.0	35	Standard



Z
Type

*Carbide tipped
for hard wire*

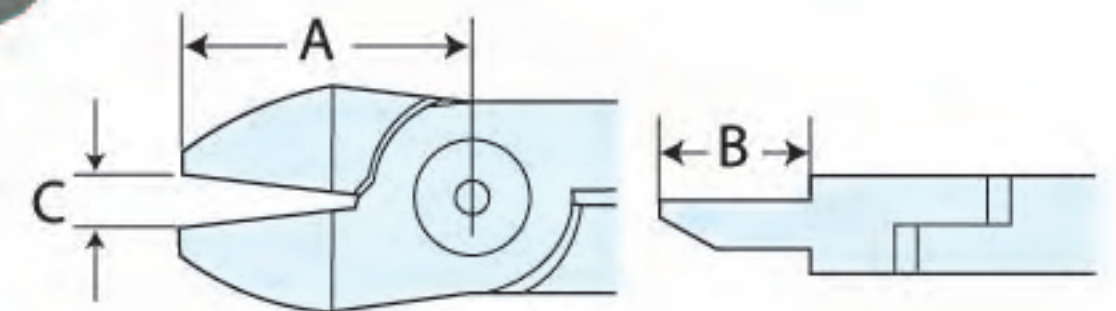
Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
Z20	24.0	11.0	2.5	25	Single blade
Z2	24.0	11.0	3.0	25	Single blade
Z4	27.0	10.0	5.0	25	Single blade
Z6A	30.0	15.0	5.0	35	Standard
Z6	30.0	15.0	6.0	35	Standard
Z8P1	38.0	20.0	5.0	40	Standard
ZS7P	43.0	20.0	7.0	30	Standard
Z8P	38.0	20.0	6.0	40	Standard
Z120	40.0	17.0	7.0	35	Standard



CR
Type

Clipper edge

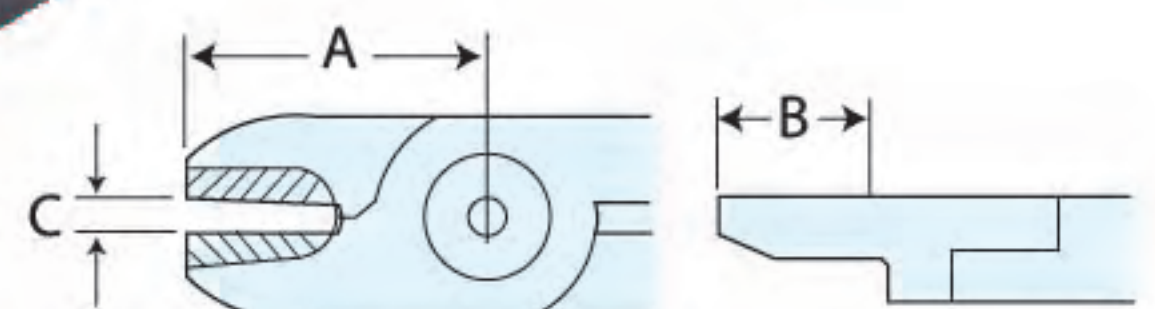
Model	Dimensions (mm)			Section of blade
	A	B	C	
CR20	24.0	13.0	2.5	Single blade
CR2	24.0	13.0	3.0	Single blade
CR4	27.0	12.5	4.5	Single blade
CR6A	35.0	18.0	5.0	Single blade
CR6	35.0	18.0	7.0	Single blade
CR250	43.0	22.0	11.0	Single blade
CR8P1	43.0	23.0	7.0	Single blade
CR8P	43.0	23.0	7.0	Single blade
CR120	60.0	35.0	11.0	Standard



Z-S
Type

*Carbide tipped
for hard wire*

Model	Dimensions (mm)			Section of blade
	A	B	C	
Z20S	24.0	11.0	2.5	Single blade
Z2S	24.0	11.0	3.0	Single blade
Z4S	27.0	11.0	5.0	Single blade
Z6AS	34.0	16.0	6.0	Standard
Z6JS	34.0	16.0	5.0	Standard
Z6S	34.0	16.0	7.0	Standard
ZS7PS	43.0	17.0	7.0	Standard
Z8PS	40.0	20.0	7.0	Standard
Z120S	40.0	17.0	7.0	Standard



BLADES

Section of blade

Single blade



Standard



Full-flush round type



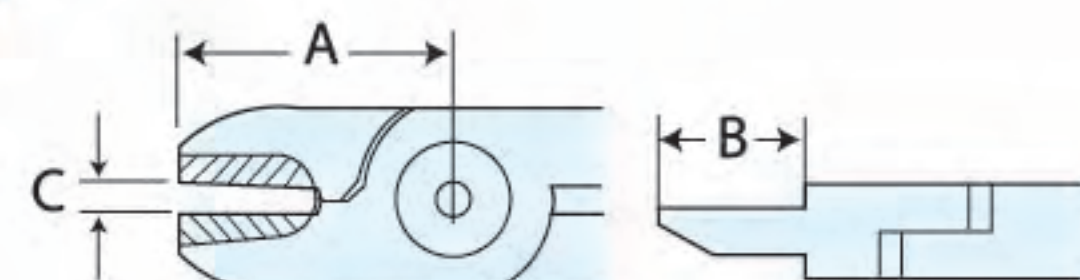
Full-flush flat type



ZCR Type

Carbide tipped for hard wire

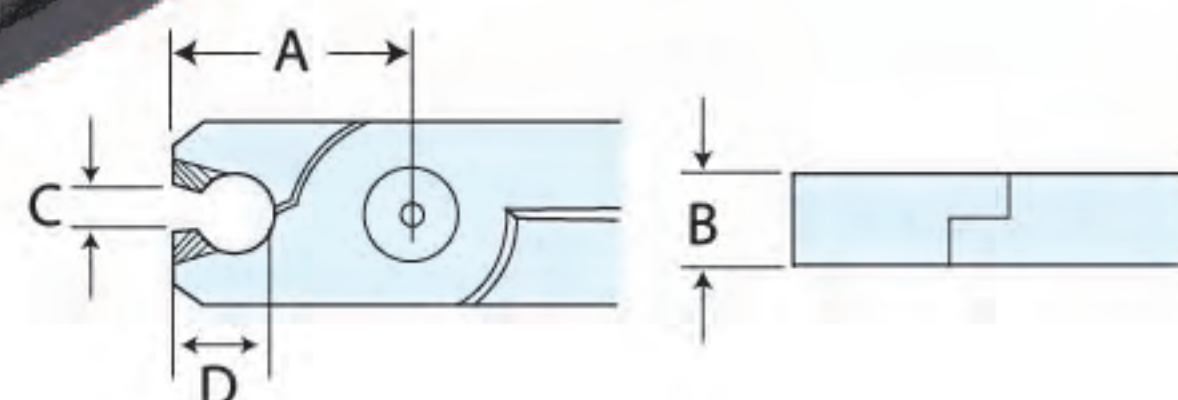
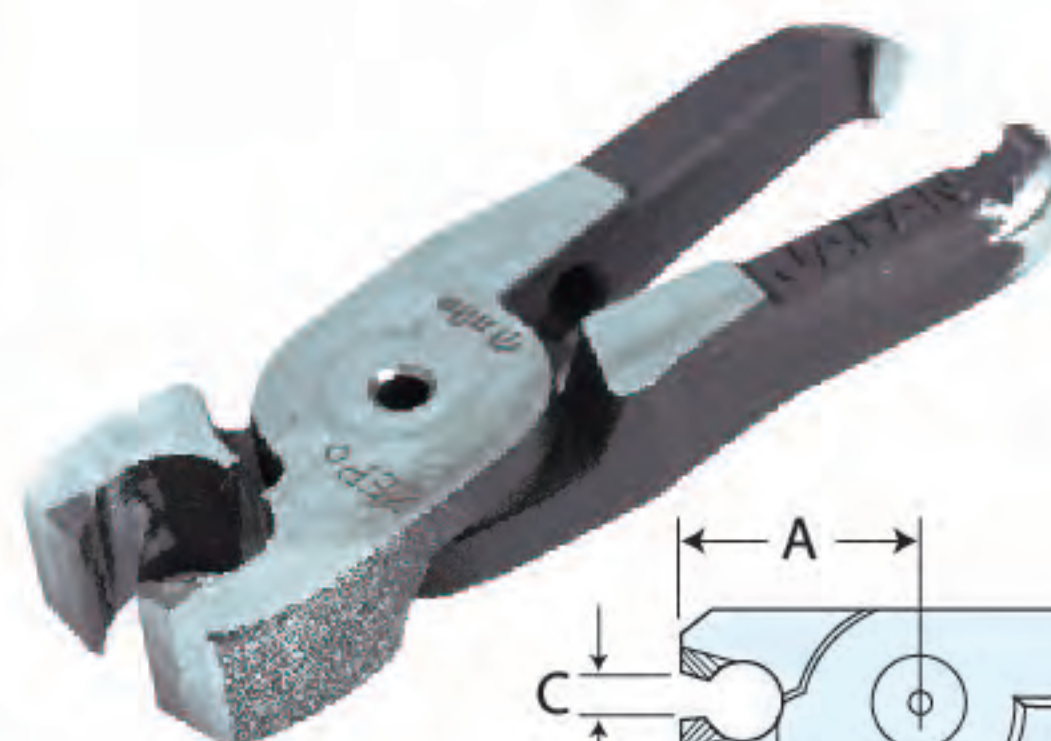
Model	Dimensions (mm)			Section of blade
	A	B	C	
ZCR20	24.0	10.0	2.5	Single blade
ZCR2	24.0	10.0	3.0	Single blade
ZCR4	27.0	10.0	5.0	Single blade
ZCR6A	35.0	16.0	7.0	Standard
ZCR6J	35.0	16.0	5.0	Standard
ZCR6	35.0	16.0	7.0	Standard
ZCR8P1	38.0	16.0	6.0	Standard
ZCR8P	38.0	16.0	7.0	Standard
ZCR120	40.0	16.0	7.0	Standard



ZEP Type

Carbide tipped for hard wire

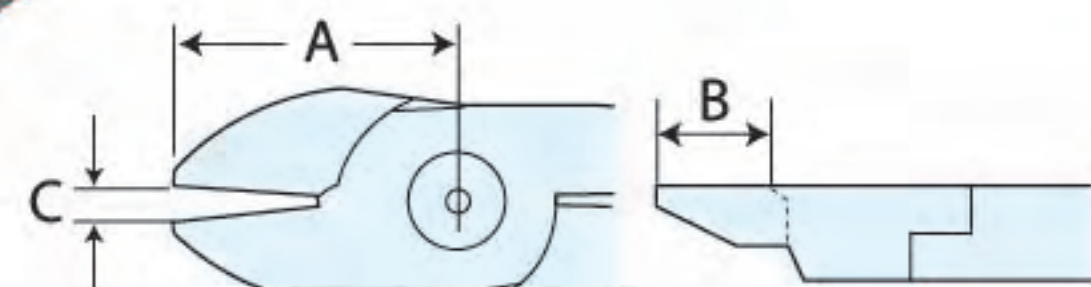
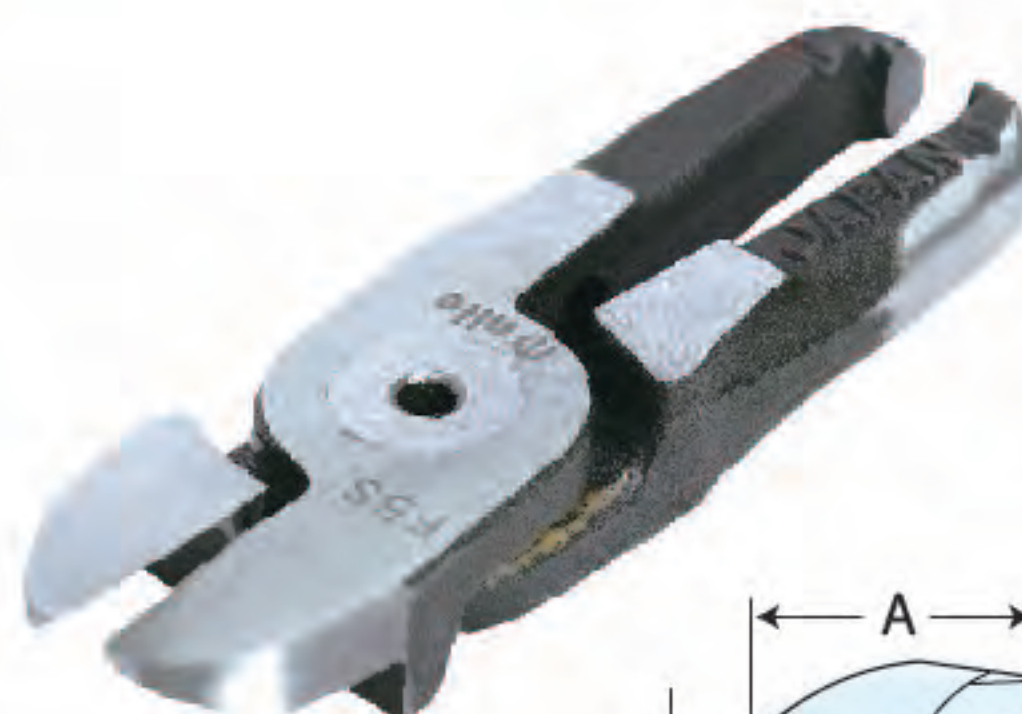
Model	Dimensions (mm)				Section of blade
	A	B	C	D	
ZEP20	20.0	7.0	2.0	7.5	Standard
ZEP2	20.0	7.0	2.5	7.5	Standard
ZEP4	26.0	9.0	4.5	7.5	Standard
ZEP6A	28.0	12.0	5.0	13.0	Standard
ZEP6	28.0	12.0	6.0	13.0	Standard
ZEP10P1	34.0	17.0	5.5	12.0	Standard
ZEP10P	34.0	17.0	5.5	12.0	Standard
ZEP120	40.0	25.0	8.0	18.0	Standard



F-S Type

Flat surface for plastic

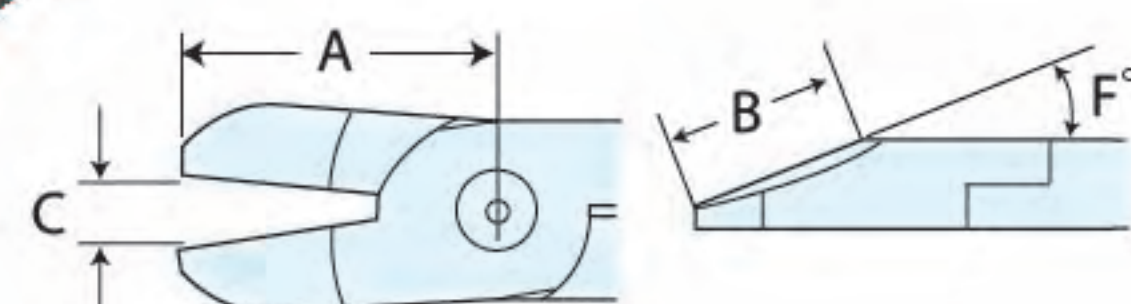
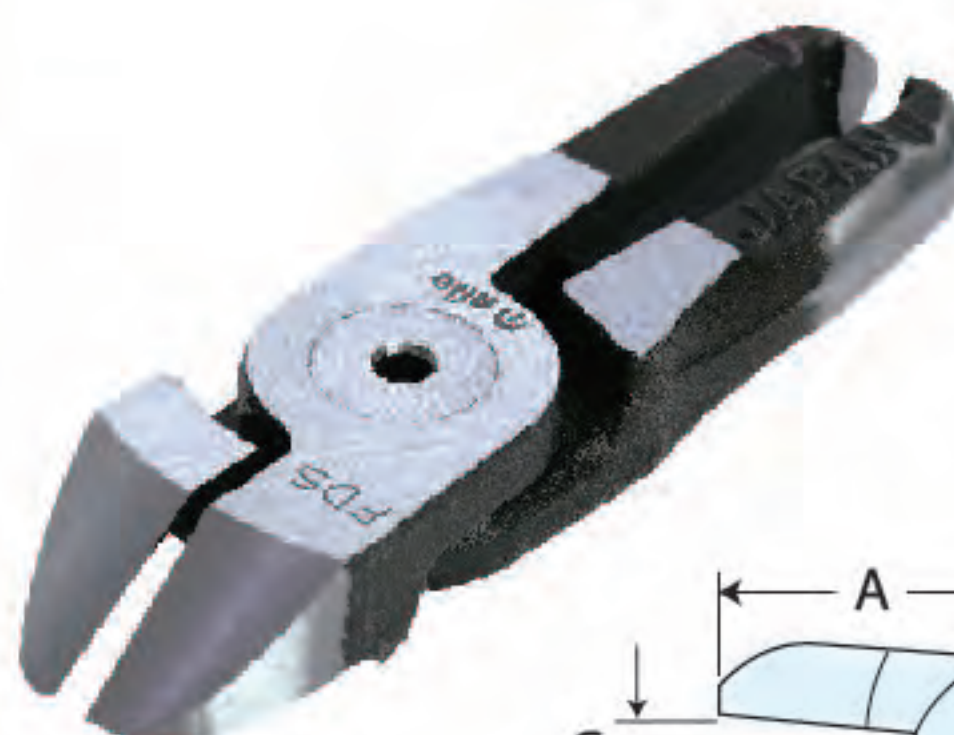
Model	Dimensions (mm)			Section of blade
	A	B	C	
F10S	24.0	12.0	2.5	Full-flush flat type
F1S	24.0	12.0	3.0	Full-flush flat type
F3S	27.0	12.0	5.0	Full-flush flat type
F3LS	50.0	30.0	8.0	Full-flush flat type
F5AS	35.0	16.0	5.5	Full-flush flat type
F5JS	35.0	17.0	5.0	Full-flush flat type
F5S	35.0	16.0	8.5	Full-flush flat type
F5LS	65.0	37.0	15.0	Full-flush flat type
F250S	43.0	23.0	13.0	Full-flush flat type
F9P1S	66.0	39.0	10.5	Full-flush flat type
F9PS	66.0	37.0	16.0	Full-flush flat type



FD Type

Level cutting for plastic

Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
FD10	24.0	10.0	2.5	40	Full-flush round type
FD1	24.0	10.0	3.0	40	Full-flush round type
FD3	27.0	10.0	4.5	40	Full-flush round type
FD5A	35.0	14.0	5.5	40	Full-flush round type
FD5J	34.0	14.0	5.0	40	Full-flush round type
FD5	35.0	14.0	8.5	40	Full-flush round type
FD250	43.0	15.0	13.0	40	Full-flush round type
FD9P1	59.0	27.0	9.0	30	Full-flush round type
FD9P	59.0	27.0	14.0	30	Full-flush round type
FD9PF	59.0	27.0	26.0	30	Full-flush round type



BLADES

Section of
blade

Single
blade



Standard



Full-flush
round type



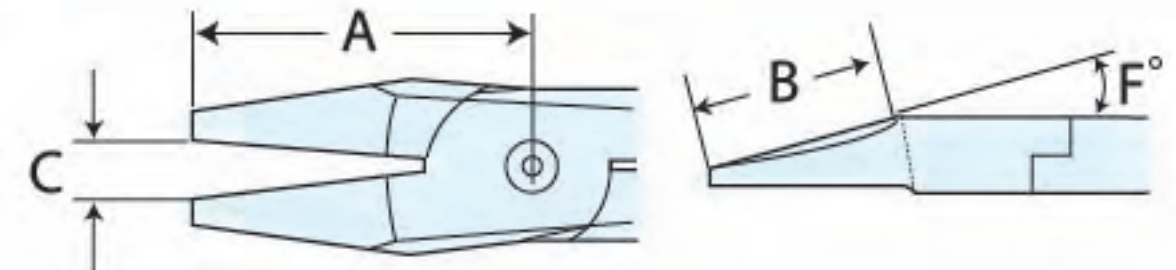
Full-flush
flat type



F
Type

Plastic edge

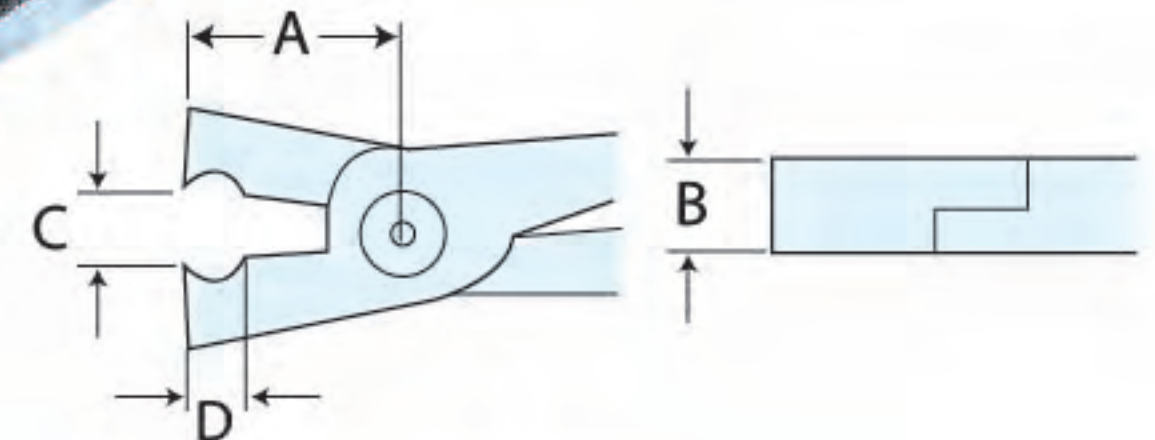
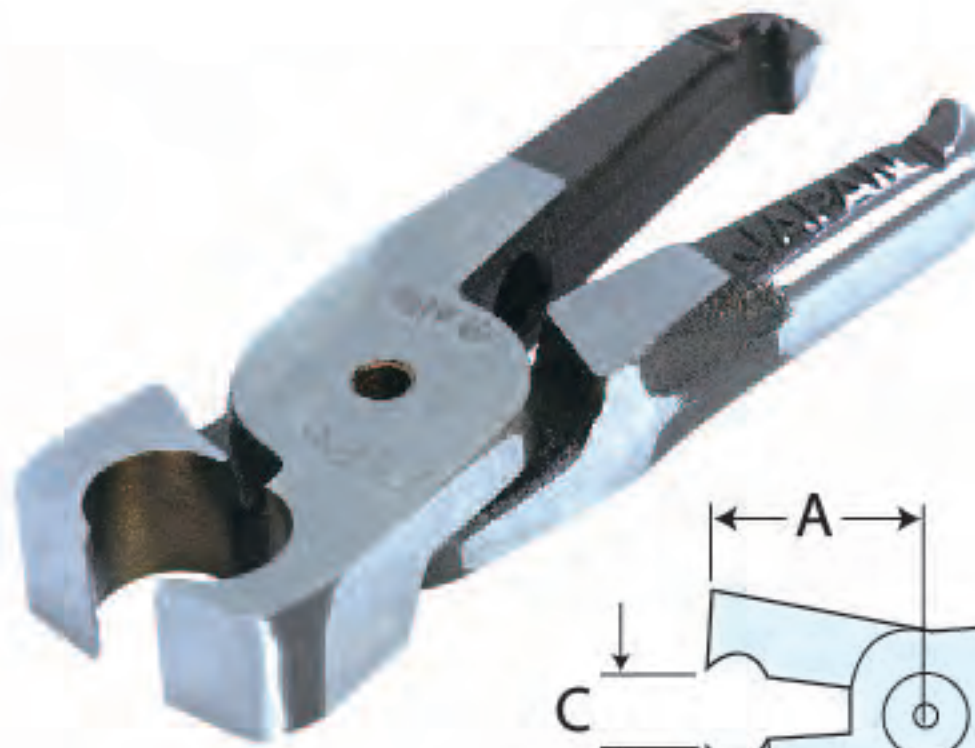
Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
F10	24.0	12.0	2.5	15	Full-flush round type
F1	24.0	12.0	3.0	15	Full-flush round type
F3	27.0	12.0	5.0	25	Full-flush round type
F5A	35.0	15.0	5.5	15	Full-flush round type
F5J	34.0	15.0	5.0	15	Full-flush round type
F5	35.0	15.0	8.5	15	Full-flush round type
F250	43.0	22.0	13.0	15	Full-flush round type
F9P1	66.0	38.0	10.5	15	Full-flush round type
F9P	66.0	38.0	16.0	15	Full-flush round type
F9PF	66.0	38.0	30.0	15	Full-flush round type
F120	53.0	35.0	12.0	30	Full-flush round type



FEP
Type

*End cutting edge
for plastic*

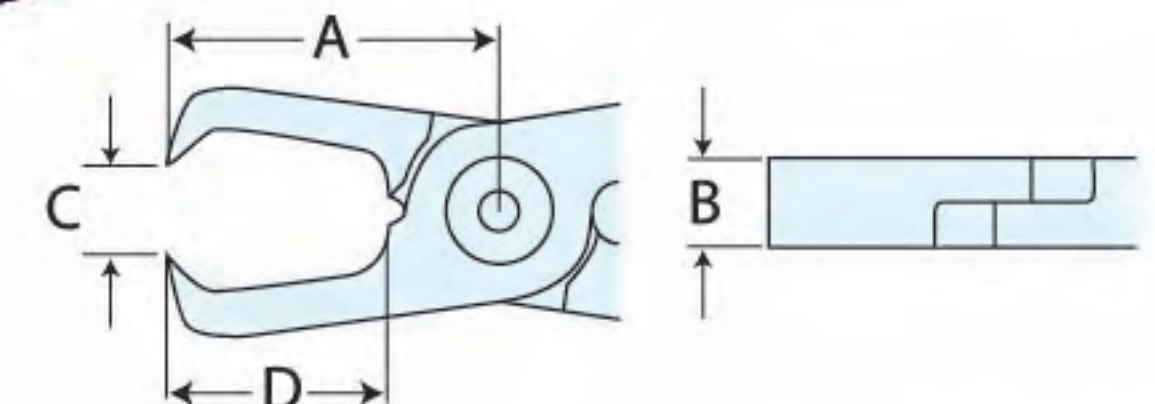
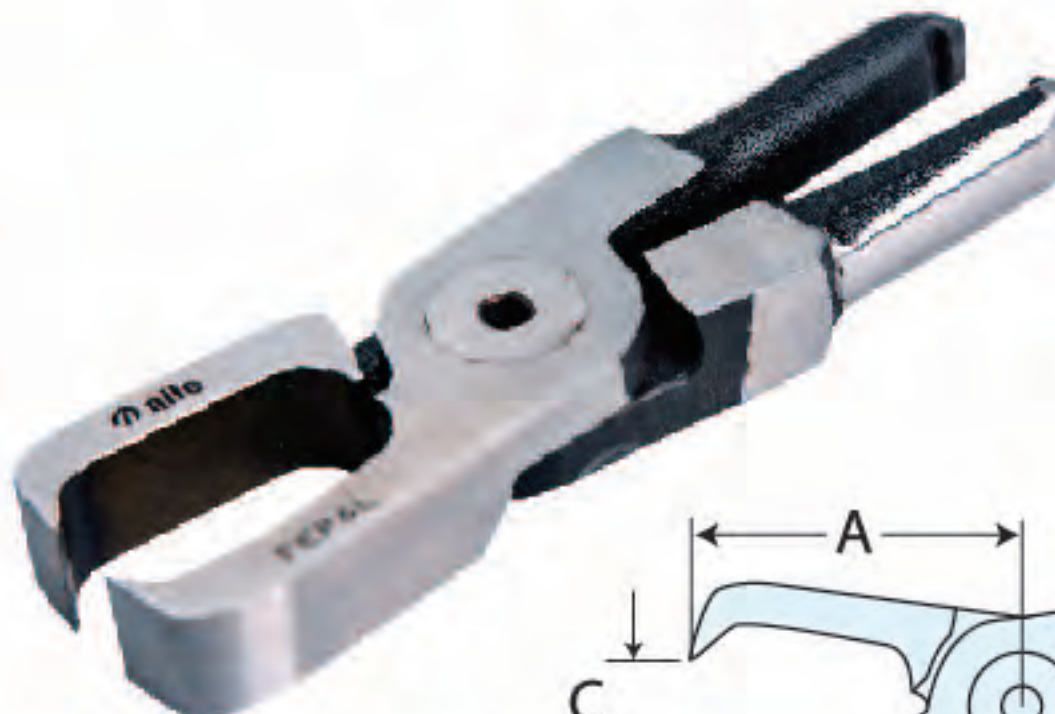
Model	Dimensions (mm)				Section of blade
	A	B	C	D	
FEP20	20.0	7.0	2.0	7.0	Full-flush round type
FEP2	20.0	7.0	2.5	7.0	Full-flush round type
FEP4	26.0	9.0	4.5	8.8	Full-flush round type
FEP6A	28.0	12.0	4.0	13.1	Full-flush round type
FEP6	28.0	12.0	8.5	13.5	Full-flush round type
FEP10P1	33.0	17.0	6.0	14.5	Full-flush round type
FEP10P	34.0	17.0	8.0	14.5	Full-flush round type



FEP-L
Type

*End cutting edge
for plastic*

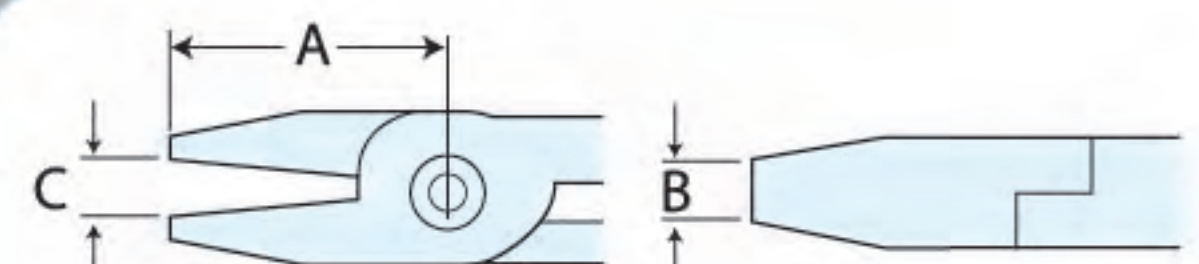
Model	Dimensions (mm)				Section of blade
	A	B	C	D	
FEP4L	30.0	9.0	6.0	19.0	Full-flush round type
FEP6L	45.0	12.0	12.0	30.0	Full-flush round type



Y
Type

*Pincers
Cross Surface*

Model	Dimensions (mm)		
	A	B	C
Y20	24.0	7.0	2.5
Y2	24.0	7.0	3.0
Y4	27.0	9.0	5.0
Y6A	47.0	6.0	9.0
Y6J	47.0	6.0	6.0
Y6	47.0	6.0	10.0
Y250	45.0	12.0	14.0
Y8P1	70.0	17.0	12.5
Y8P	70.0	17.0	16.0
Y120	60.0	25.0	13.0



BLADES

Section of blade

Single blade



Standard



Full-flush round type



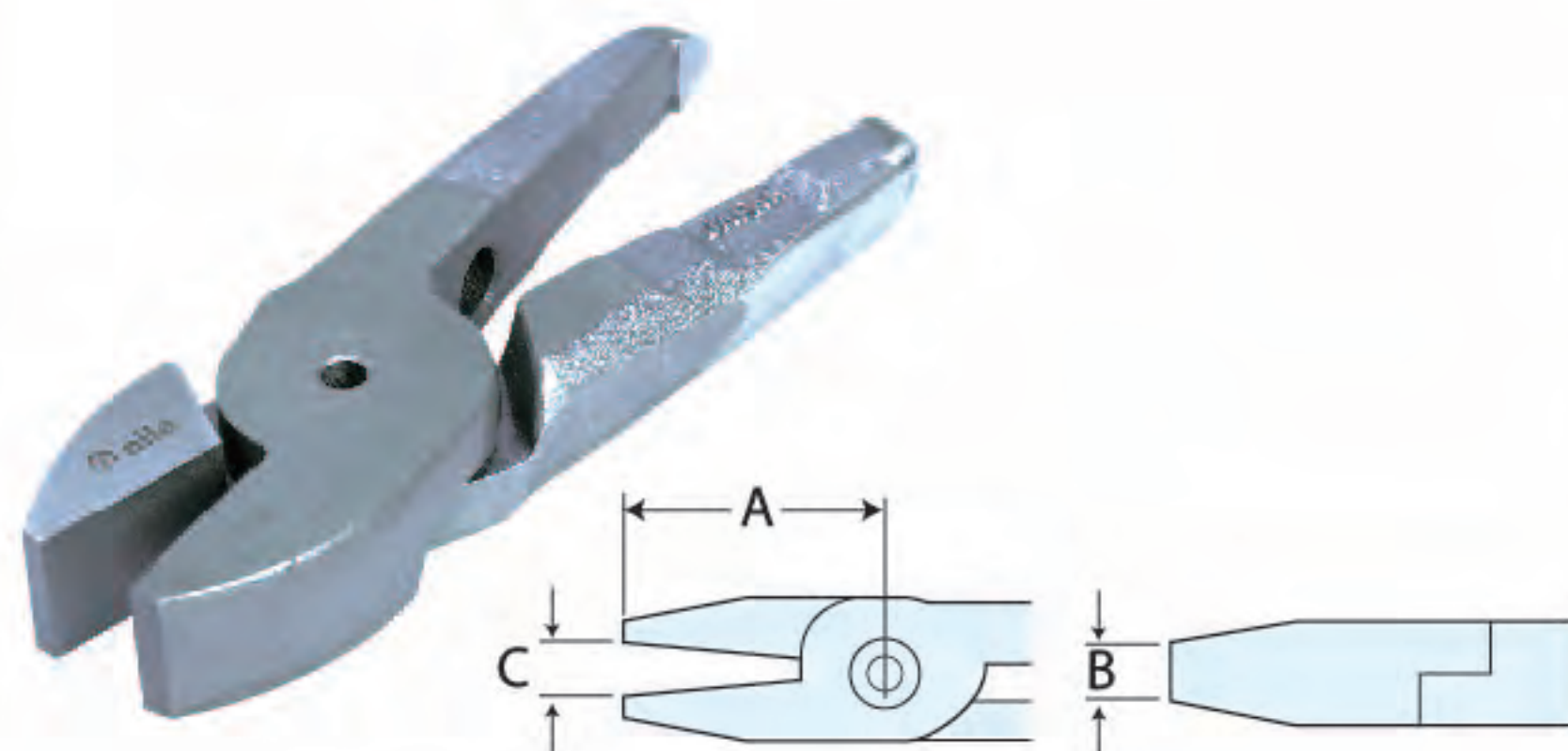
Full-flush flat type



K Type

Pincers

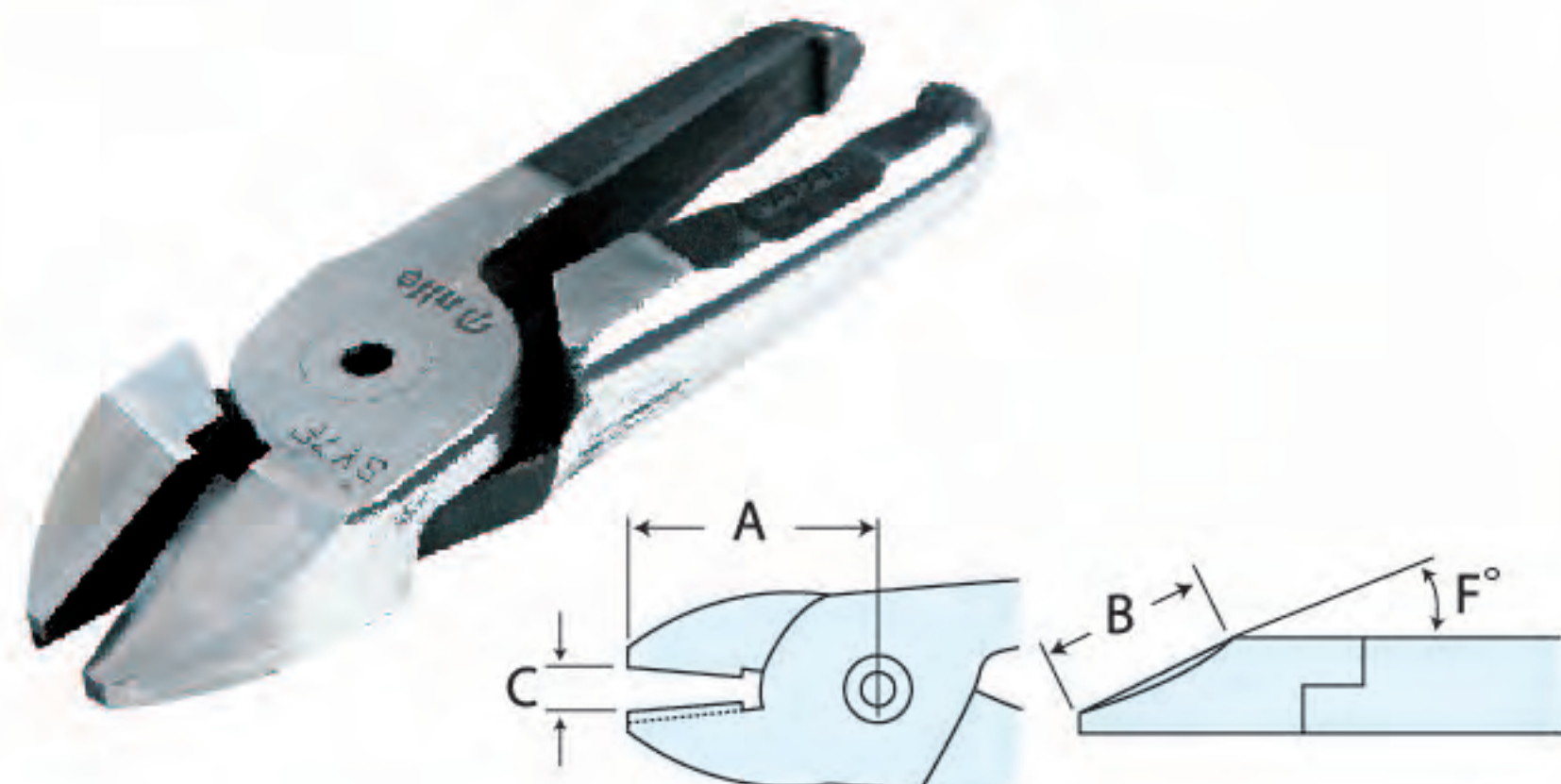
Model	Dimensions (mm)		
	A	B	C
K6A	35.0	12.0	5.5
K6J	35.0	12.0	5.0
K6	35.0	12.0	7.0
K8P1	43.0	17.0	7.0
K8P	43.0	17.0	10.0



SY Type

Crossing blade
Wire holding type

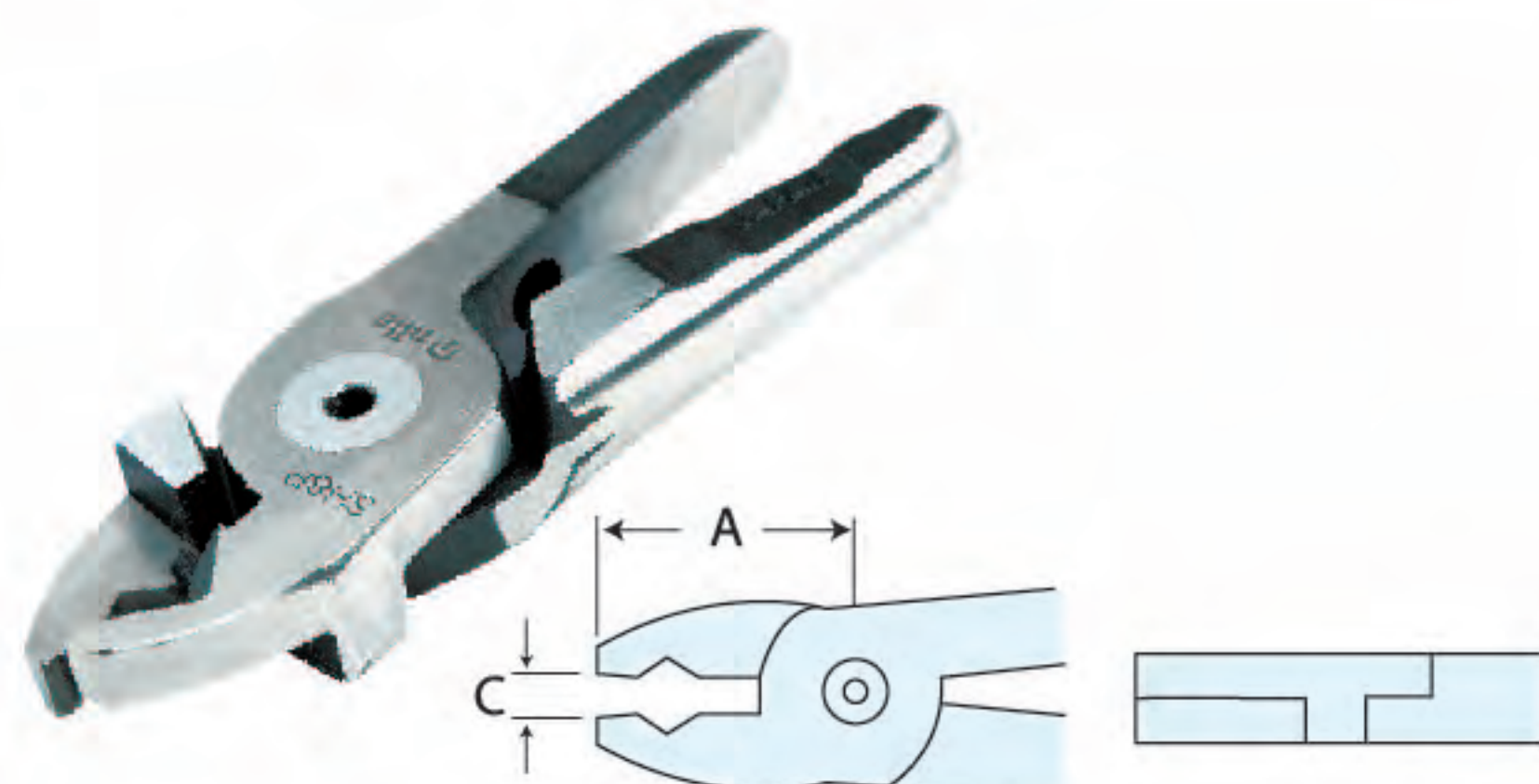
Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
SY7P	43.0	18.0	8.0	30	others



SH Type

Crossing blade
Copper pipe cutting
and holding type

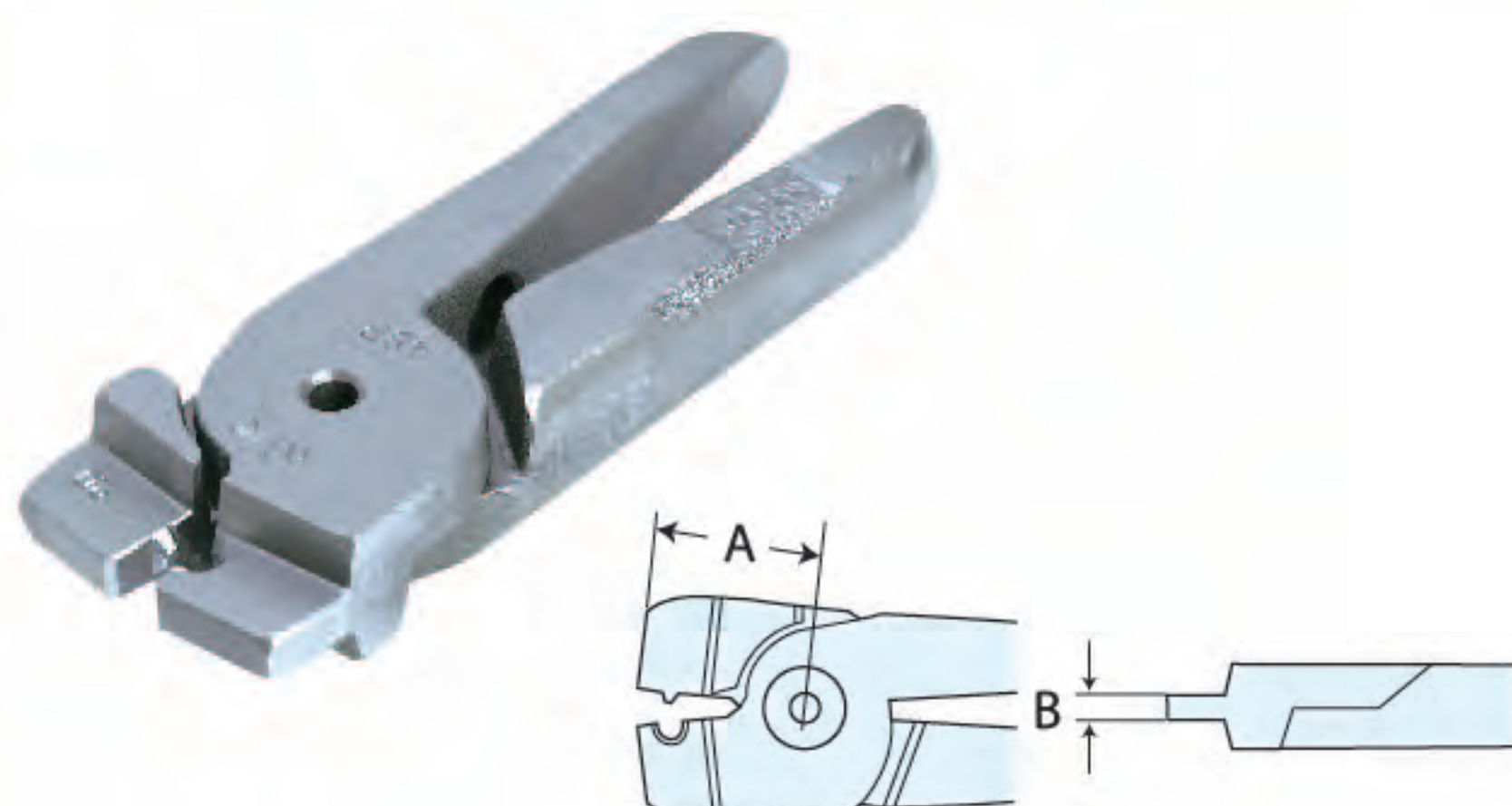
Model	Dimensions (mm)				Section of blade
	A	B	C	F°	
SH8P	43.0	-	7.0	-	others



A Type

Crimping

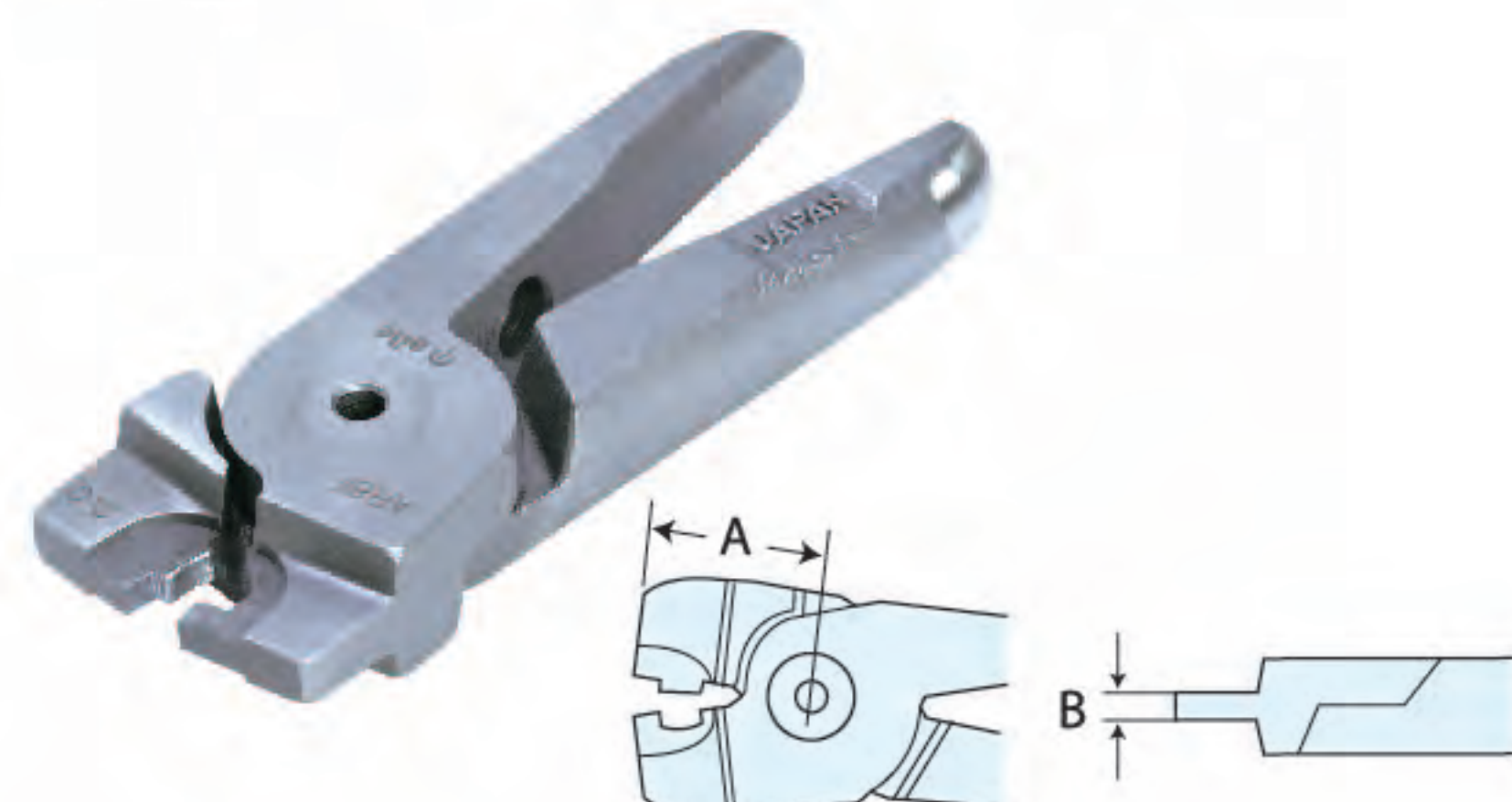
Model	Dimensions (mm)	
	A	B
A8P1-1.25	30.0	5.8
A8P1-2.0	30.0	5.8
A8P-1.25	30.0	5.8
A8P-2.0	30.0	5.8
A8P-5.5	32.0	5.8
A8WP-1.25-2.0	39.5	5.8
A8WP-2.0-5.5	39.0	6.0



AR Type

Crimping

Model	Dimensions (mm)	
	A	B
AR8P1-1.25	31.5	6.5
AR8P1-2.0	32.5	6.5
AR8P-1.25	31.5	6.5
AR8P-2.0	32.5	7.0
AR8P-5.5	34.5	6.5
AR8WP-1.25-2.0	38.5	6.5
AR8WP-2.0-5.5	40.0	6.5



BLADES

Section of blade

Single blade



Standard



Full-flush round type



Full-flush flat type

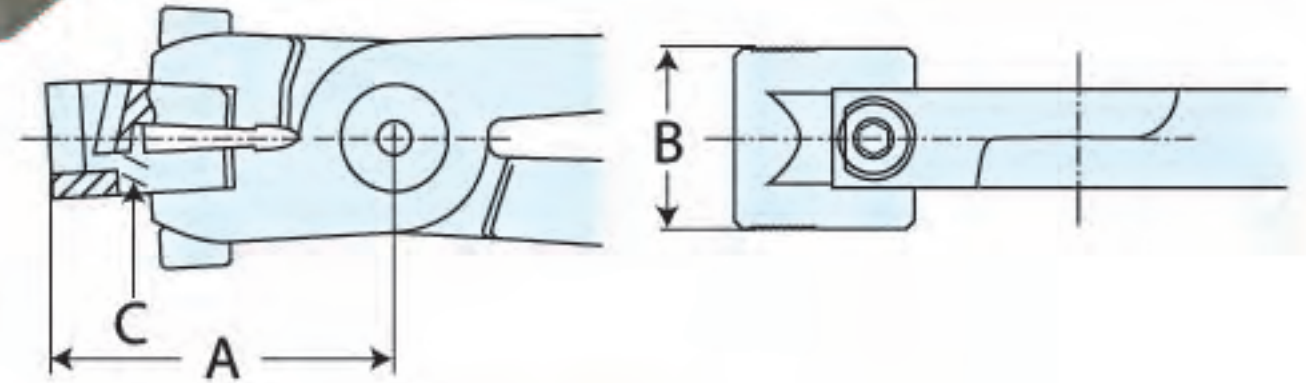
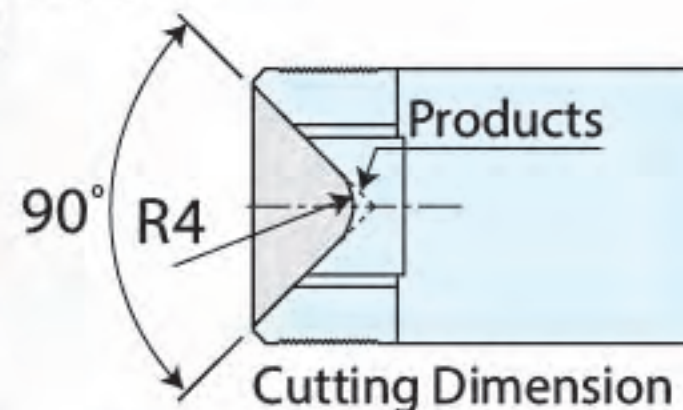
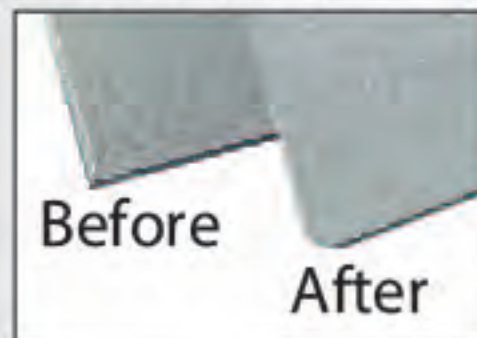
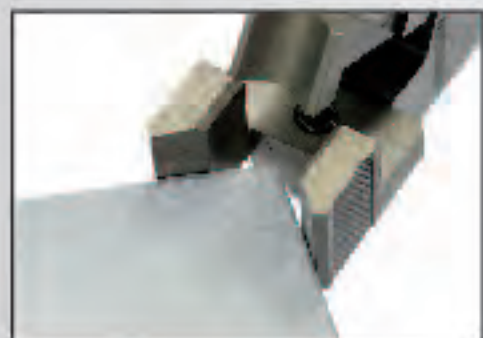


ARN Type

Round chamfering
(Chamfer the plate
on the outer row)

Model	Dimensions (mm)			Cutting Capacity (mm)	Shapes
	A	B	C		
ARN4R	42.0	22.0	2.0	0.8	R4
ARN400R	42.0	22.0	2.0	0.8	R4

Applicable tools ARN4R : MR20/MR20MG/MS20G
ARN400R : CP20/CP20M

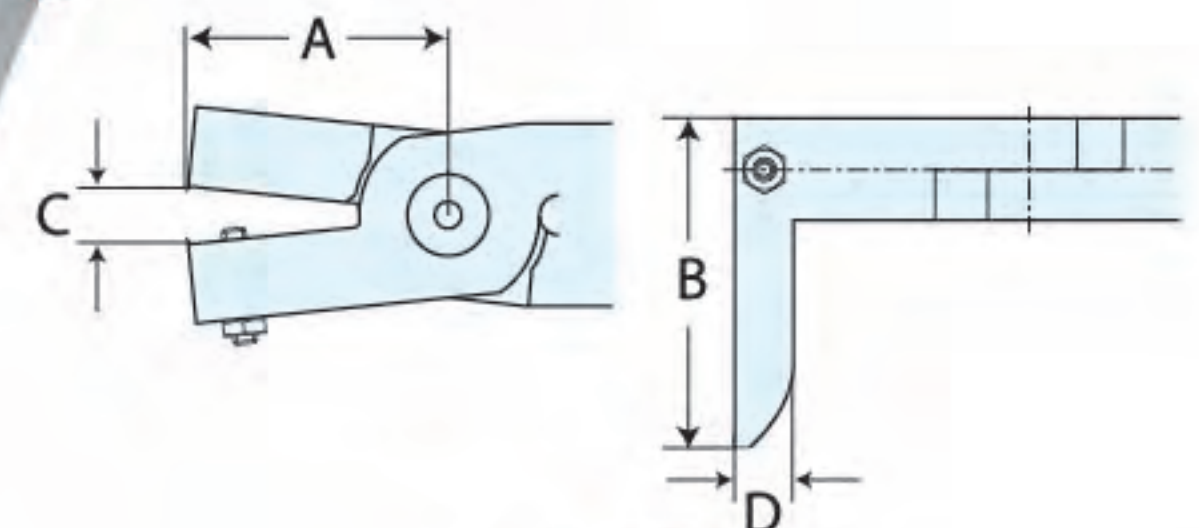


F-L(T) Type

L type
(For Plastic)

Model	Dimensions (mm)				Cutting Capacity (mm)	Cutting blade effective length (mm)	Section of blade
	A	B	C	D			
F5LT	36.0	49.0	8.0	8.0	6.0	26.0	Full-flush round type
F9PL	50.0	55.0	10.0	10.0	7.0	32.0	Full-flush round type

Applicable tools F5LT : MR20/MR20MG/MS20G
F9PL : MR30A/MR30AMG/MS30G

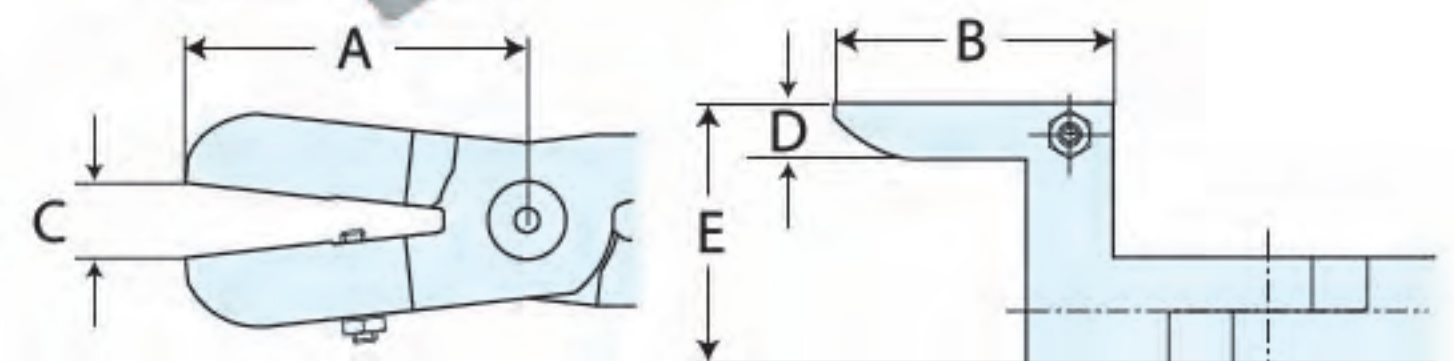


F-C(T) Type

Crank type
(For Plastic)

Model	Dimensions (mm)					Cutting Capacity (mm)	Cutting blade effective length (mm)	Section of blade
	A	B	C	D	E			
F5CT	55.0	37.0	10.0	8.0	30.0	6.0	26.0	Full-flush round type
F9PC	70.0	45.0	15.0	9.0	41.5	7.0	32.0	Full-flush round type

Applicable tools F5CT : MR20/MR20MG/MS20G
F9PC : MR30A/MR30AMG/MS30G

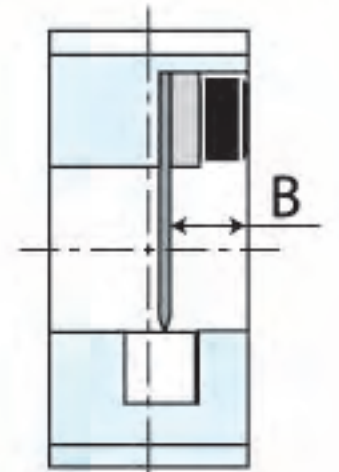
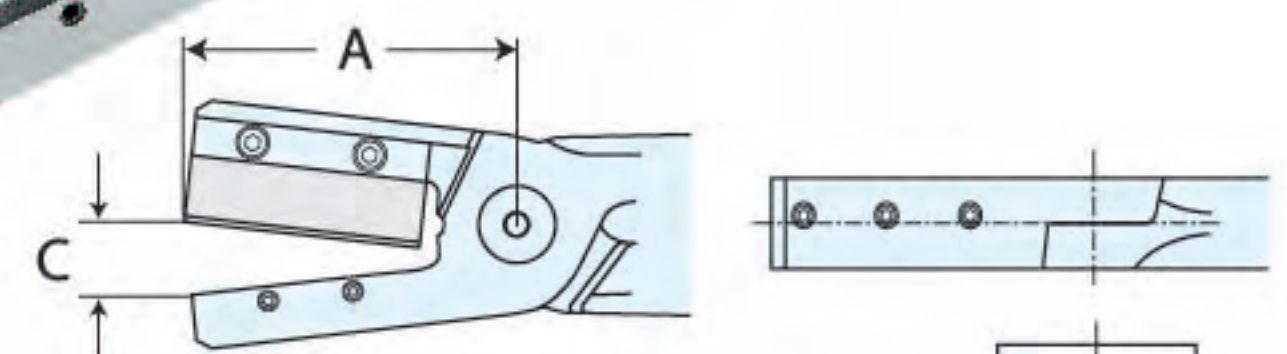
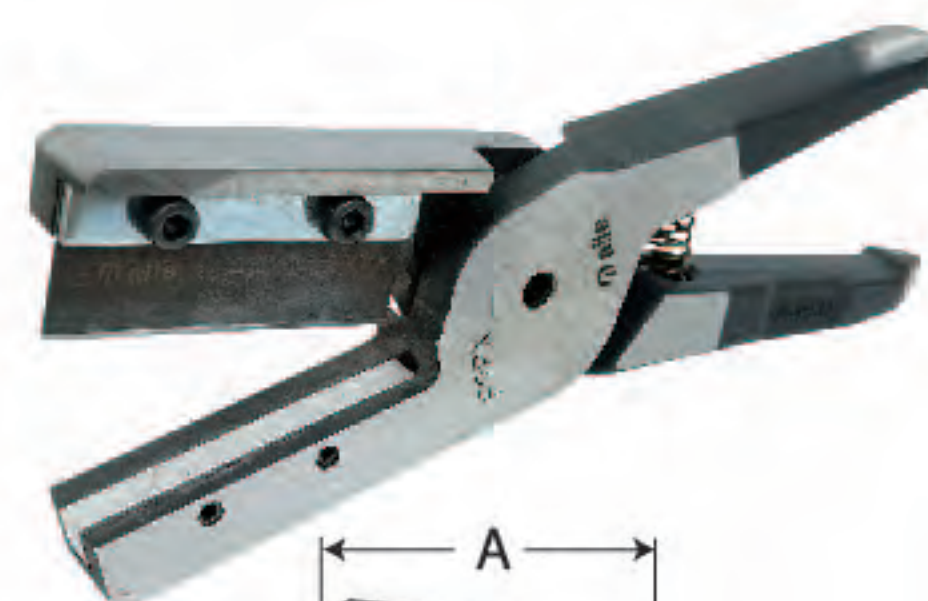


F-X Type

Cutter type
(Soft Material)

Model	Dimensions (mm)			Cutting blade effective length (mm)	Section of blade
	A	B	C		
F9PX	70.0	7.0	15.0	50.0	Blade(Standard)
F900X	70.0	7.0	15.0	50.0	Blade(Standard)

Applicable tools F9PX : MR30A/MR30AMG/MS30G
F900X : CP30/CP30M/CPS30G



Parts and Examples of subjects for cutting

Model	Blade	Plastic plate
F9PX	X50-5P	PB-X50
F900X	X50-5P	PB-X50

Do not use on hard material.



Sponge with tape



Hard sponge



Rubber plate



Electric wire



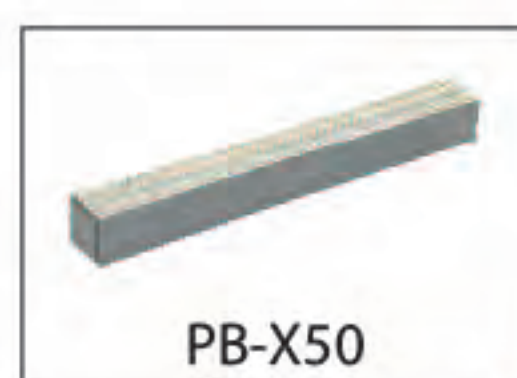
Nylon hose



Plastic plate



X50-5P



PB-X50

BLADES

Section of blade

Single blade



Standard



Full-flush round type



Full-flush flat type



Semi-standard Blade

Sharp edge for Metal

The cutting surface of metal wire (soft iron wire and copper wire) is finished so clean.

Note: Because the blade is sharply finished, the durability is inferior to that of ordinary products.

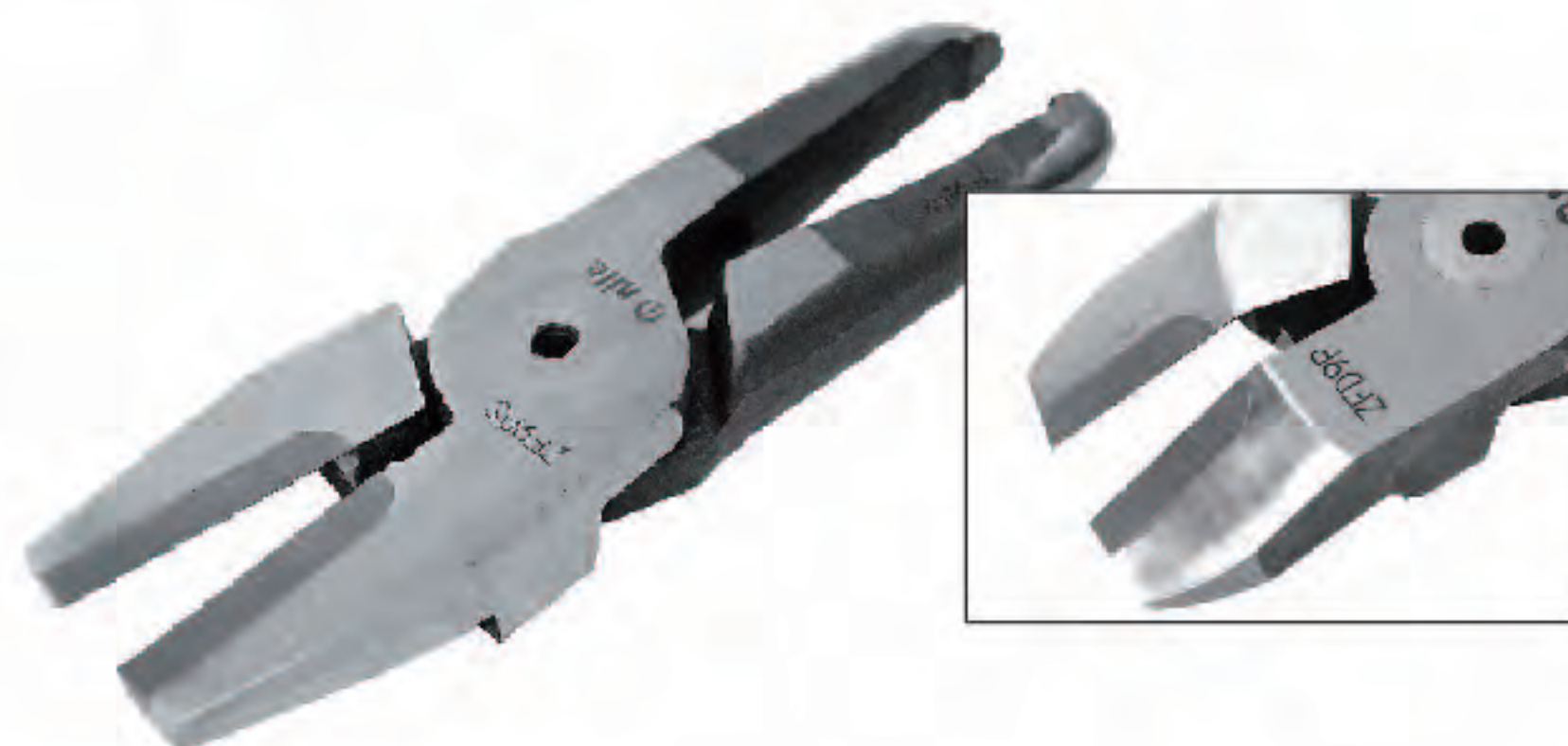
Model	Applicable tools	Section of blade
S20R	Same as S20	Full-flush
S2R	Same as S2	Full-flush
S4R	Same as S4	Full-flush
S5R	Same as S5	Full-flush
S7PR	Same as S7P	Full-flush



Carbide tipped for plastic

The carbide tip is attached to the replacement blade for plastic which provides excellent wear resistance(durability) for gate cutting of hard plastic, such as glass-filled, plastic and polycarbonate. It is excellent in abrasion resistance (durability).

Model	Applicable tools	Section of blade
ZF5S	Same as F5S	Thin edge blade(Carbide tip)
ZF9PS	Same as F9P	Thin edge blade(Carbide tip)
ZFD9P	Same as FD9P	Thin edge blade(Carbide tip)



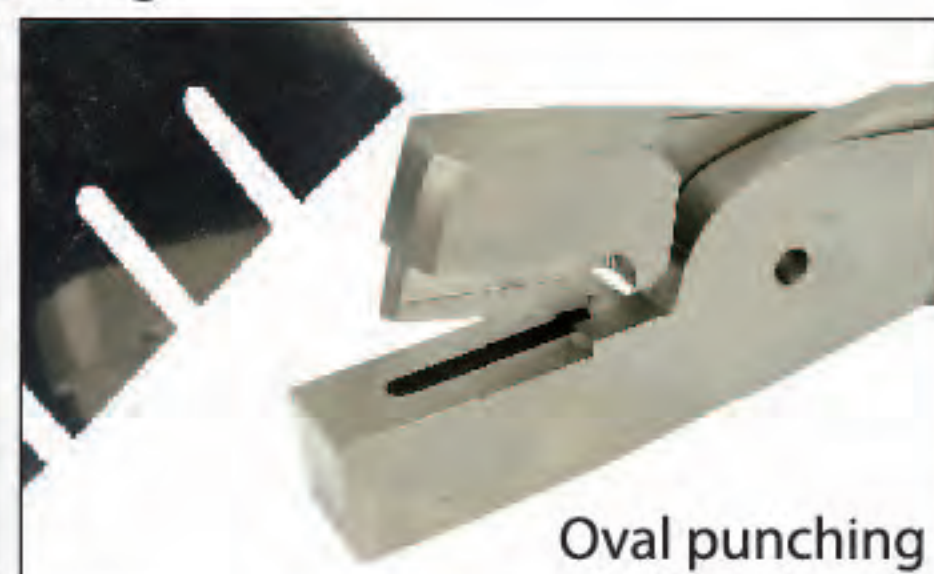
Special Blade example

Punching various holes

Can be used in sheet metal processing.



Triangle punching



Oval punching

Crimp head mounting blade

Use your on tools.



Copper pipe pinching

Sealing of refrigerant piping.



Pinching



Cutting and Pinching

Wire cutter blade

Cutting of stranded wire.



Shearing

For cutting banded iron and thin and wide cutting work.



Steel strip cutting for packing



Steel strip cutting for packing (Long blade)

Special surface treatment (Fluororesin impregnation)

Anti-rust, abrasion-resistant, and non-adhesive effects.



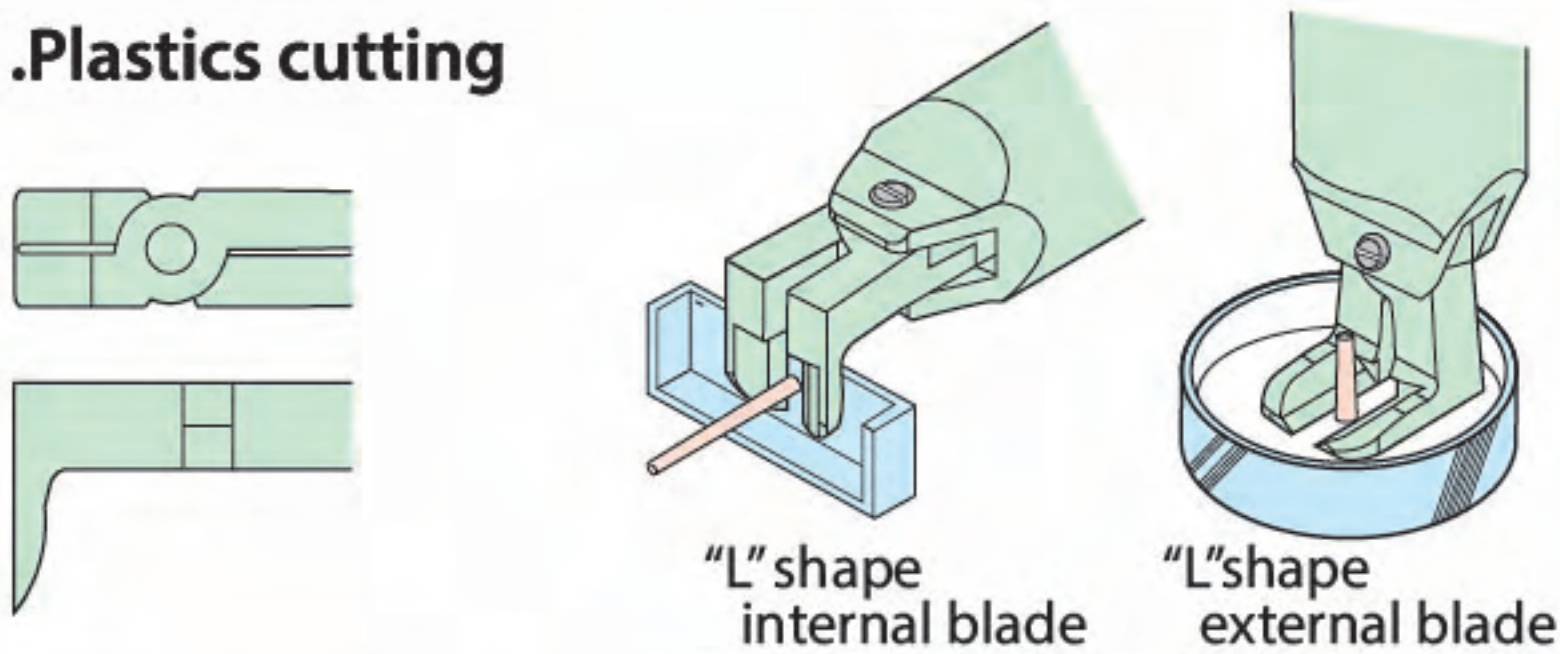
SPECIAL BLADES

Some examples of custom-made blades

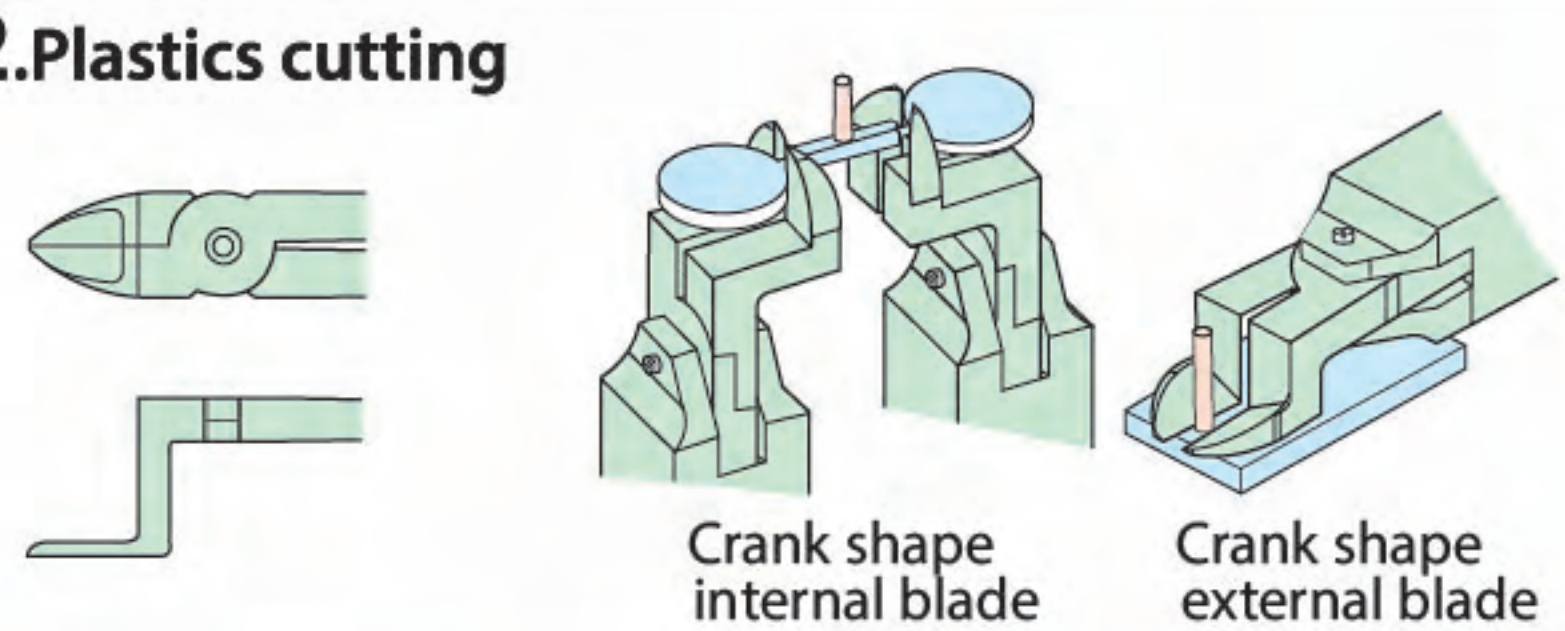
(Designed to meet your particular application.)

Even a piece of any type of special blade can be designed and manufactured to meet your particular application. Samples of actual work pieces are required on inquiry for designing and quoting.

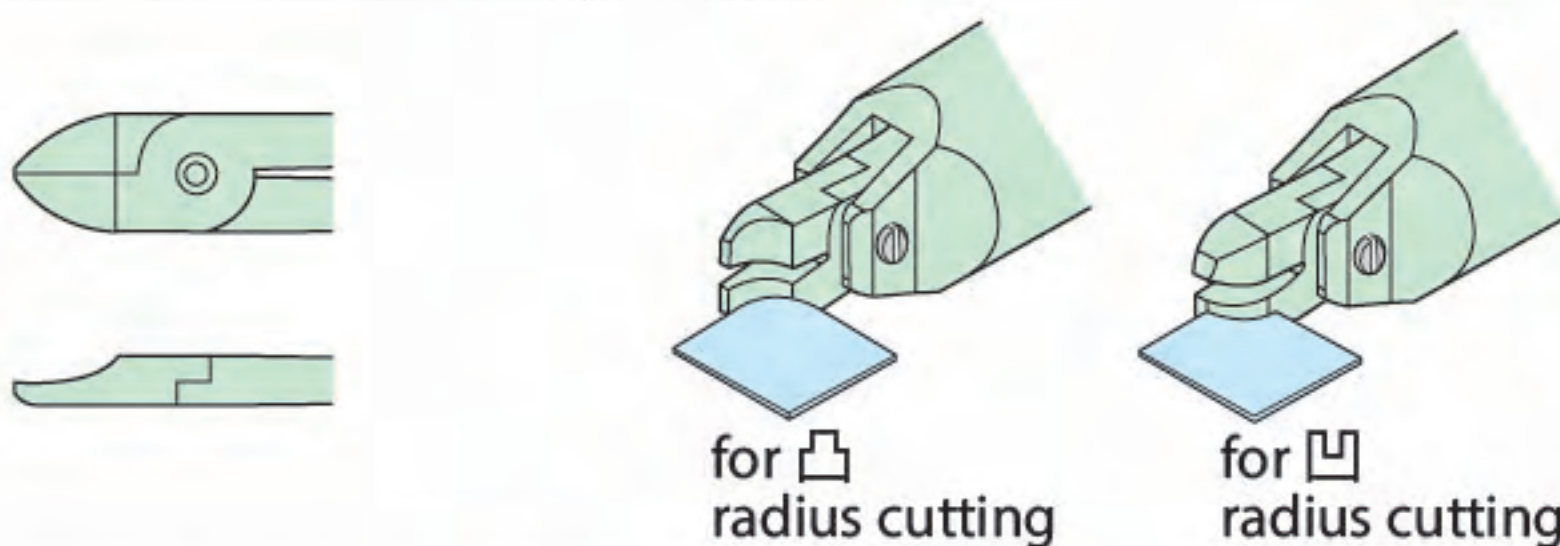
1. Plastics cutting



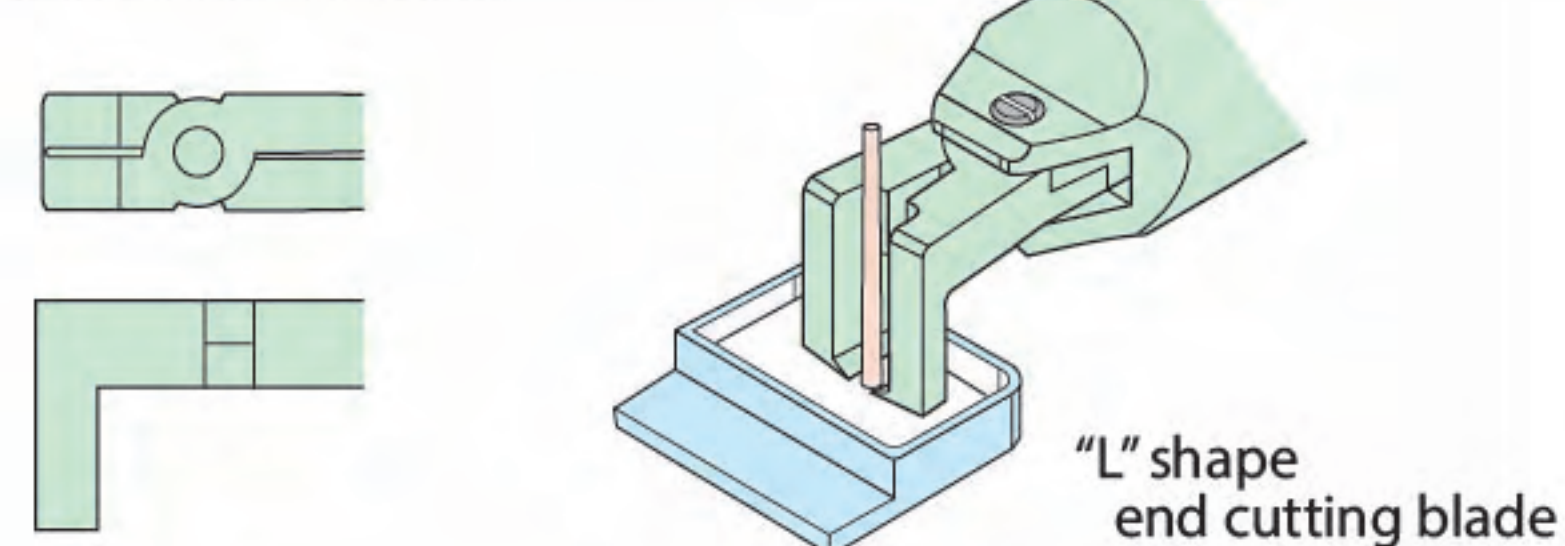
2. Plastics cutting



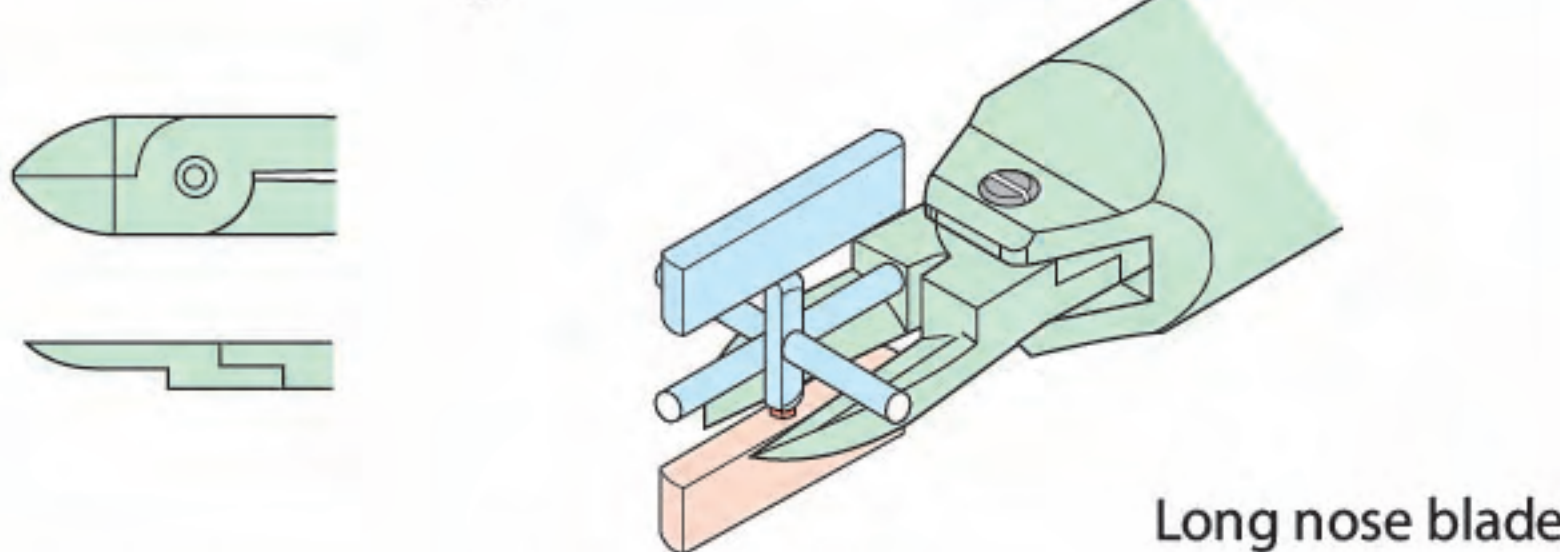
3. Radius cutting of plastics



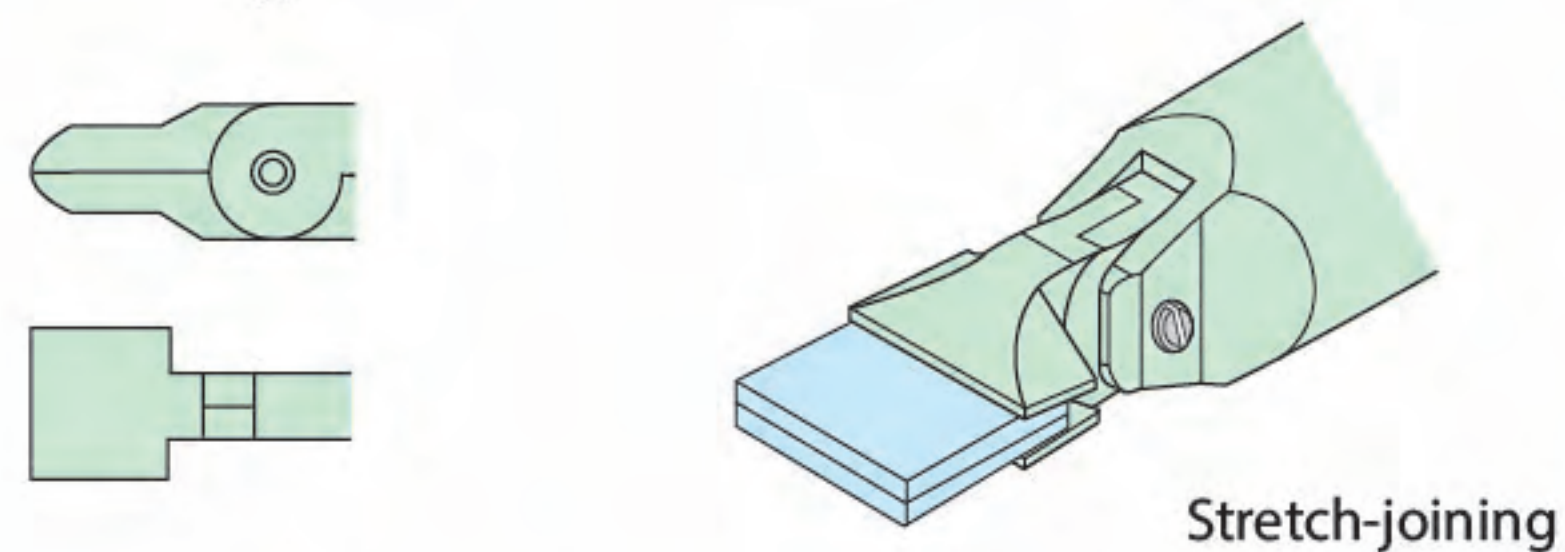
4. Plastics cutting



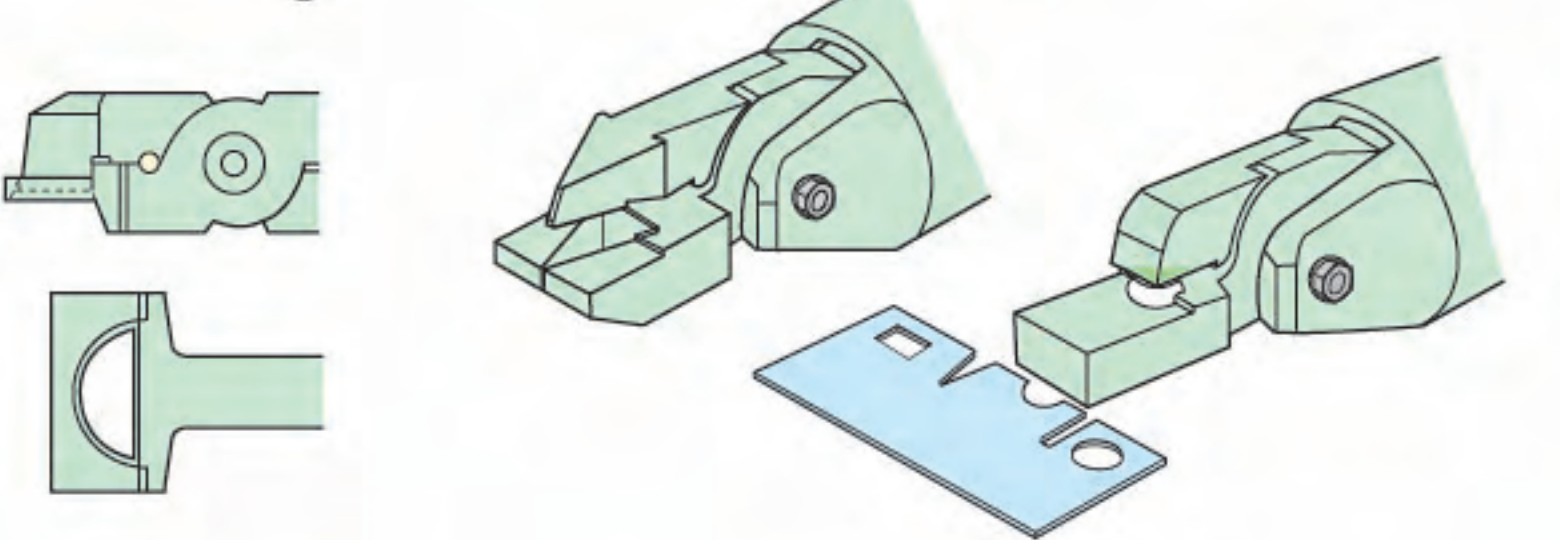
5. Plastics cutting



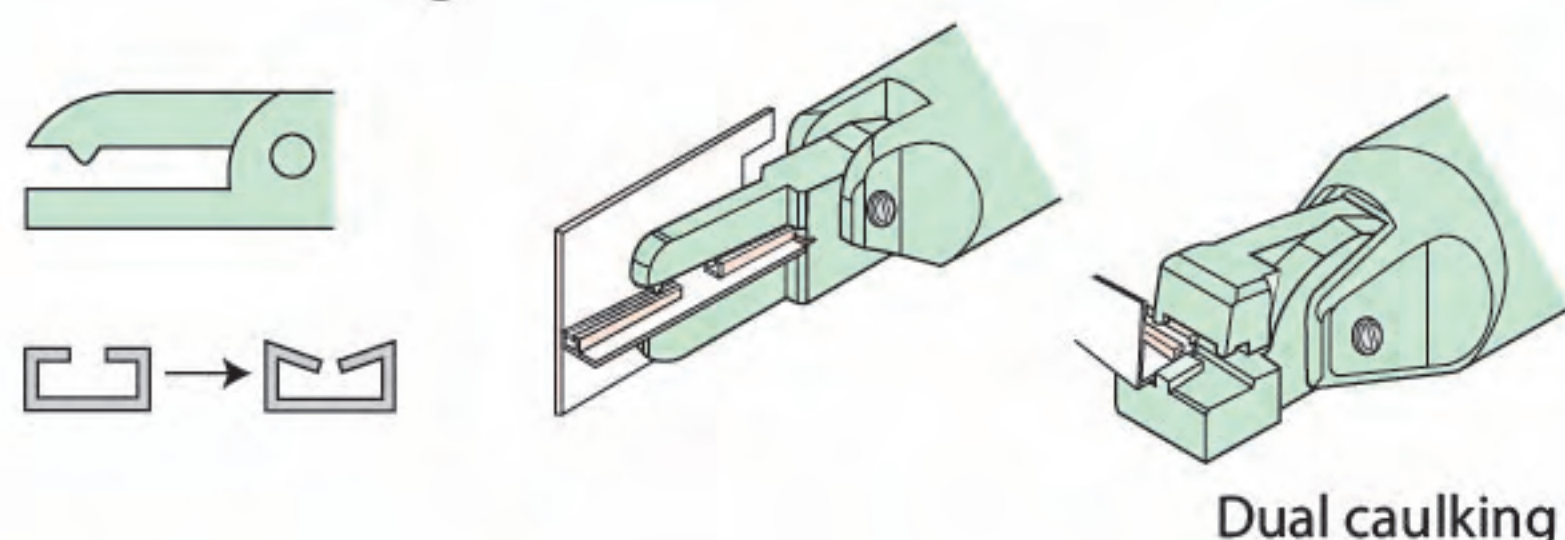
6. Pressing



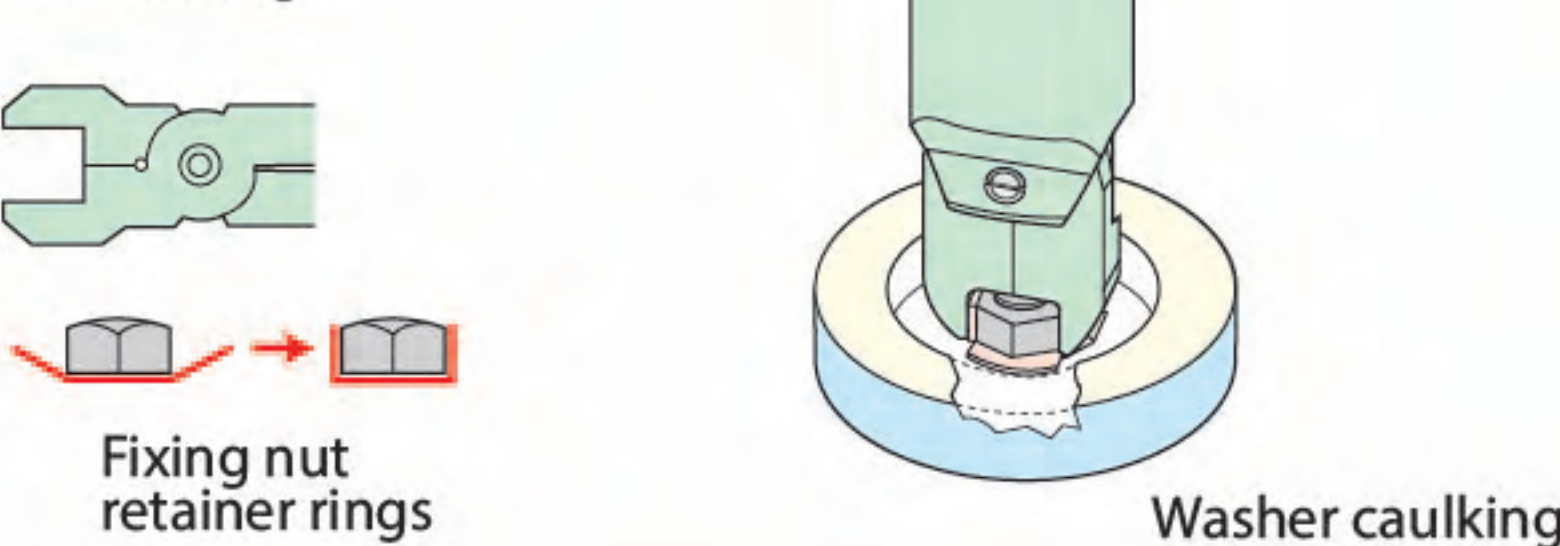
7. Punching various holes



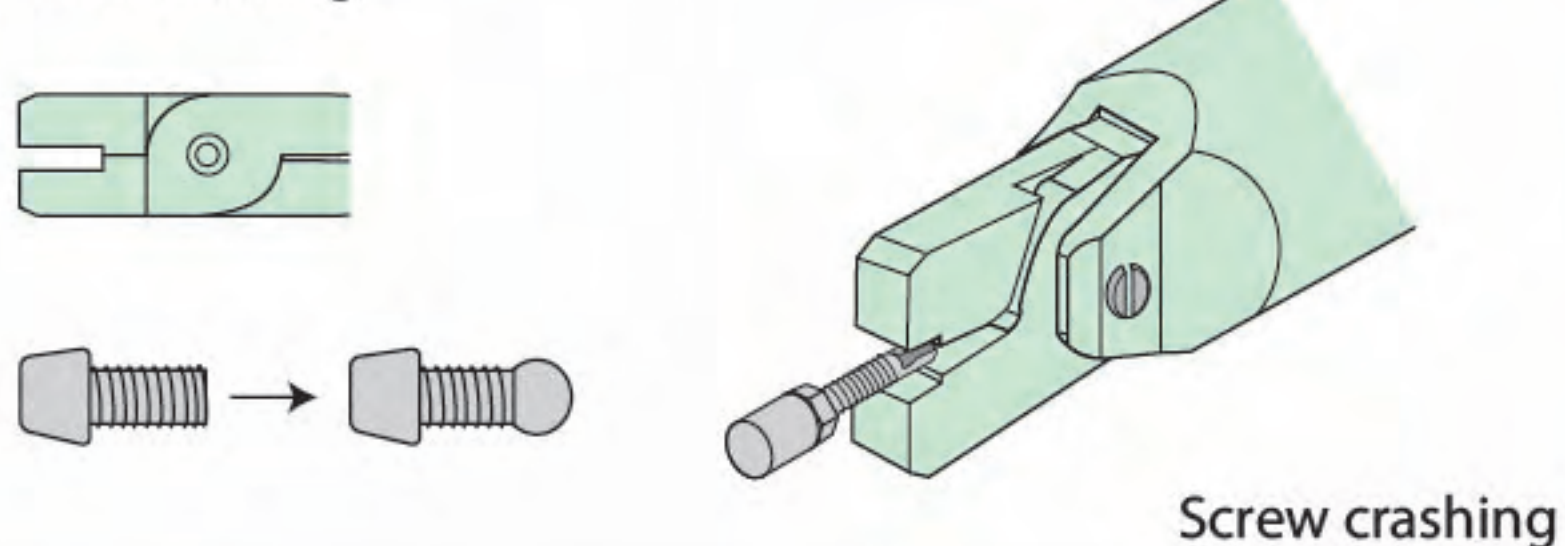
8. Sash caulking



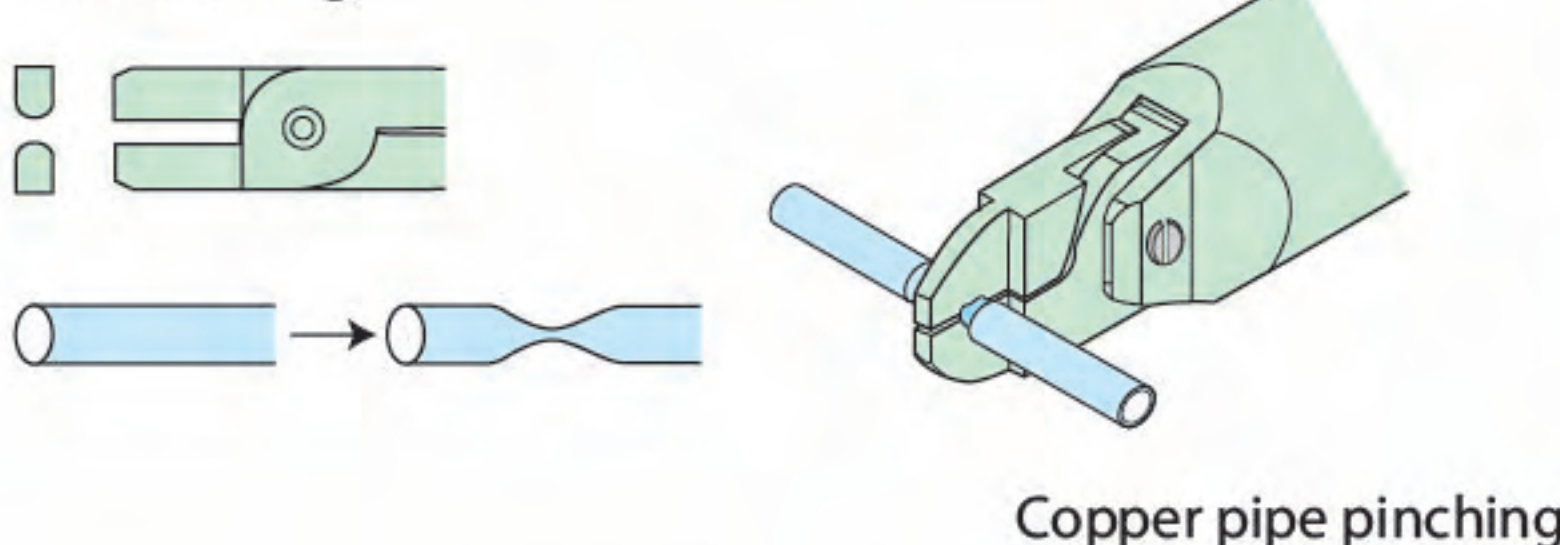
9. Caulking



10. Caulking



11. Pinching



12. Bending

