



nile air tools

BLADE



BLADE

Section of blade

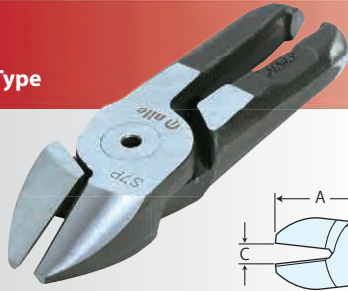
Single blade

Standard

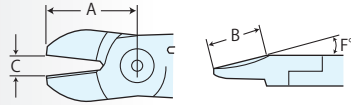
Full-flush round type

Full-flush flat type

S Type

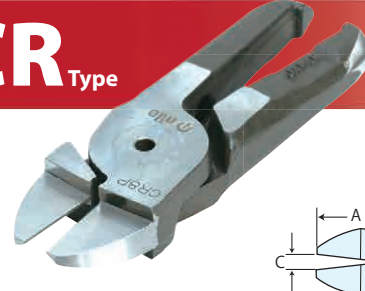


Standard Blades

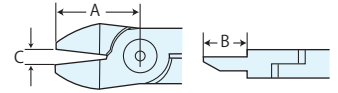


| Model | Dimensions (mm) | | | | Section of blade |
|-------|-----------------|------|------|----|------------------|
| | A | B | C | F° | |
| S20 | 24.0 | 12.0 | 2.5 | 25 | Single blade |
| S2 | 24.0 | 12.0 | 3.0 | 25 | Single blade |
| S4 | 27.0 | 14.0 | 5.0 | 25 | Single blade |
| S5A | 35.0 | 17.0 | 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 |

CR Type

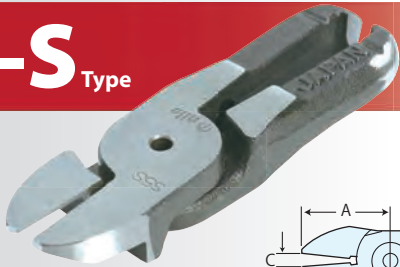


Clipper edge

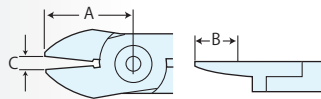


| Model | Dimensions (mm) | | | Section of blade |
|-------|-----------------|------|------|------------------|
| | A | B | C | |
| CR20 | 24.0 | 13.0 | 2.5 | Single blade |
| CR2 | 24.0 | 13.0 | 3.0 | Single blade |
| CR4 | 27.0 | 12.5 | 4.5 | Single blade |
| CR6A | 35.0 | 18.0 | 5.0 | Single blade |
| 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 |

S-S Type

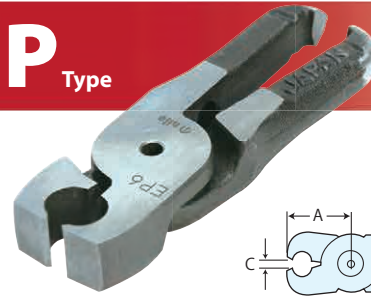


Flat surface

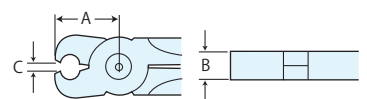


| Model | Dimensions (mm) | | | Section of blade |
|-------|-----------------|------|------|------------------|
| | A | B | C | |
| S20S | 24.0 | 12.0 | 2.5 | Single blade |
| S2S | 24.0 | 12.0 | 3.0 | Single blade |
| S4S | 27.0 | 13.0 | 5.0 | Single blade |
| S5AS | 35.0 | 17.0 | 5.5 | Single blade |
| 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 |

EP Type



End cutting edge

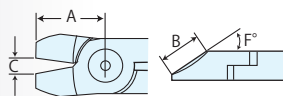


| Model | Dimensions (mm) | | | Section of blade |
|--------|-----------------|------|-----|------------------|
| | A | B | C | |
| EP20 | 20.0 | 7.0 | 2.0 | Standard |
| EP2 | 20.0 | 7.0 | 2.5 | Standard |
| EP4 | 26.0 | 9.0 | 4.5 | Standard |
| EP6A | 28.0 | 12.0 | 4.5 | Standard |
| EP6 | 28.0 | 12.0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

P Type

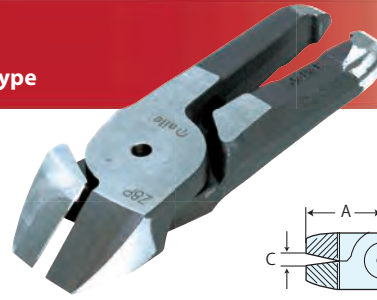


Heavy-duty

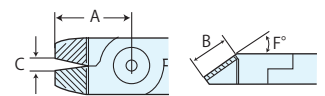


| Model | Dimensions (mm) | | | | Section of blade |
|-------|-----------------|------|-----|----|------------------|
| | A | B | C | F° | |
| P6A | 29.0 | 12.0 | 4.5 | 35 | Single blade |
| P6 | 29.0 | 11.0 | 6.0 | 35 | Standard |
| P8P1 | 37.0 | 12.0 | 5.0 | 25 | Standard |
| P8P1S | 37.0 | 15.0 | 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 |
| Z57P | 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 |

BLADE

Section of blade

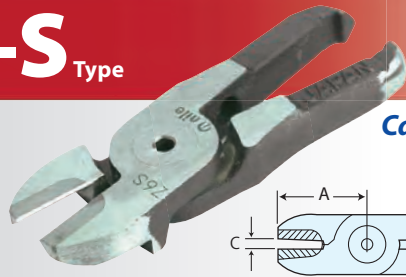
Single blade

Standard

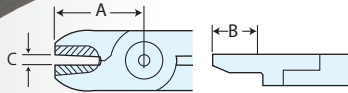
Full-flush round type

Full-flush flat type

Z-S Type

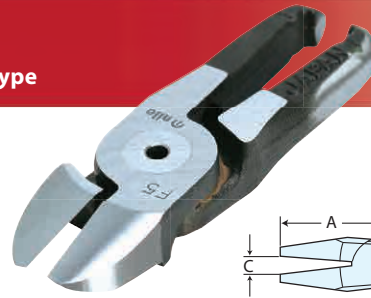


Carbide tipped for hard wire

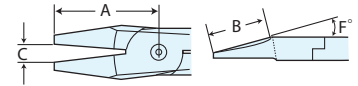


| Model | Dimensions (mm) | | | Section of blade |
|-------|-----------------|------|-----|------------------|
| | A | B | C | |
| Z20S | 24.0 | 11.0 | 2.5 | Single blade |
| Z2S | 24.0 | 11.0 | 3.0 | Single blade |
| ZT7S | 27.0 | 11.0 | 3.5 | Single blade |
| Z4S | 27.0 | 11.0 | 5.0 | Single blade |
| 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 |

F Type

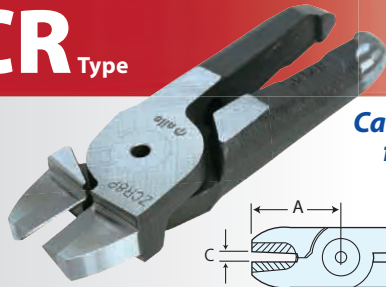


Plastic edge

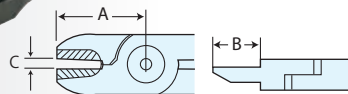


| Model | Dimensions (mm) | | | | Section of blade |
|-------|-----------------|------|------|----|-----------------------|
| | A | B | C | F° | |
| F10 | 24.0 | 12.0 | 2.5 | 15 | Full-flush round type |
| F1 | 24.0 | 12.0 | 3.0 | 15 | Full-flush round type |
| FT7 | 27.0 | 12.0 | 3.5 | 25 | Full-flush 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 |

ZCR Type

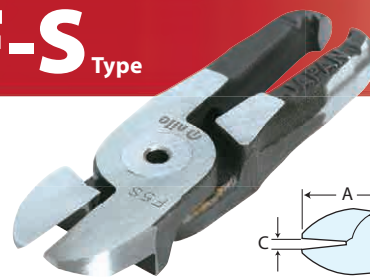


Carbide tipped for hard wire

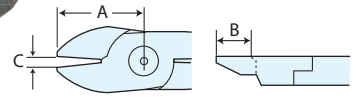


| Model | Dimensions (mm) | | | Section of blade |
|--------|-----------------|------|-----|------------------|
| | A | B | C | |
| ZCR20 | 24.0 | 10.0 | 2.5 | Single blade |
| ZCR2 | 24.0 | 10.0 | 3.0 | Single blade |
| ZCR7 | 26.0 | 10.0 | 3.5 | Single blade |
| ZCR4 | 27.0 | 10.0 | 5.0 | Single blade |
| 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 |

F-S Type

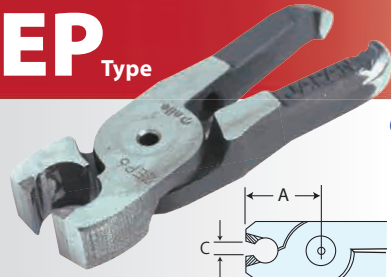


Flat surface for plastic

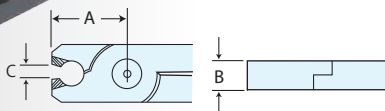


| Model | Dimensions (mm) | | | Section of blade |
|-------|-----------------|------|------|----------------------|
| | A | B | C | |
| F10S | 24.0 | 12.0 | 2.5 | Full-flush flat type |
| F1S | 24.0 | 12.0 | 3.0 | Full-flush flat type |
| FT7S | 27.0 | 12.0 | 3.5 | Full-flush flat type |
| F3S | 27.0 | 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 |

ZEP Type

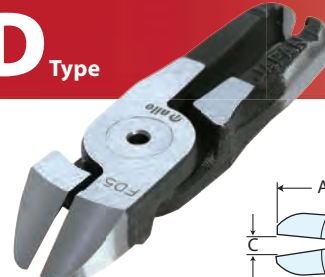


Carbide tipped for hard wire

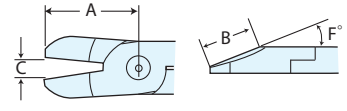


| Model | Dimensions (mm) | | | Section of blade |
|---------|-----------------|------|-----|------------------|
| | A | B | C | |
| ZEP20 | 20.0 | 7.0 | 2.0 | Standard |
| ZEP2 | 20.0 | 7.0 | 2.5 | Standard |
| ZEP7 | 26.0 | 9.0 | 3.0 | Standard |
| ZEP4 | 26.0 | 9.0 | 4.5 | Standard |
| ZEP6A | 28.0 | 12.0 | 5.0 | Standard |
| ZEP6J | 28.0 | 12.0 | 4.0 | Standard |
| ZEP6 | 28.0 | 12.0 | 6.0 | Standard |
| ZEP10P1 | 34.0 | 17.0 | 5.5 | Standard |
| ZEP10P | 34.0 | 17.0 | 5.5 | Standard |
| ZEP120 | 40.0 | 25.0 | 8.0 | Standard |

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 |
| FD7 | 27.0 | 10.0 | 3.5 | 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 |

BLADE

Section of blade

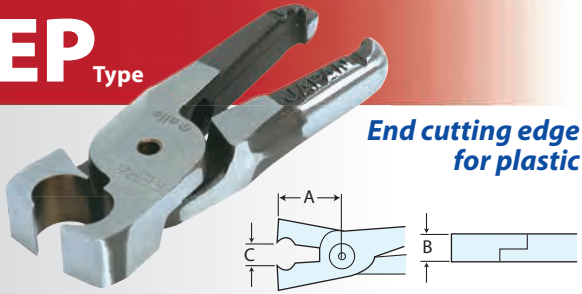
Single blade

Standard

Full-flush round type

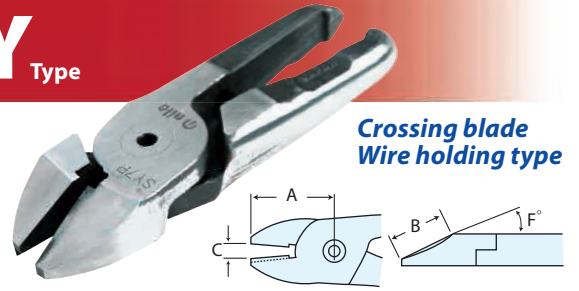
Full-flush flat type

FEP Type



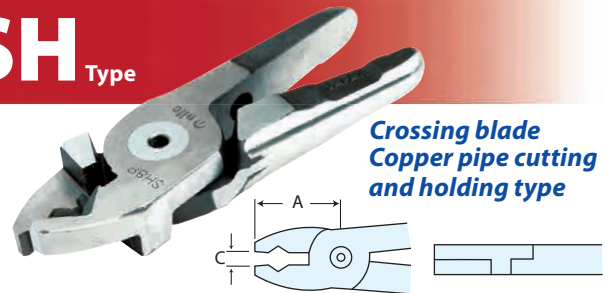
| Model | Dimensions (mm) | | | Section of blade |
|---------|-----------------|------|-----|-----------------------|
| | A | B | C | |
| FEP20 | 20.0 | 7.0 | 2.0 | Full-flush round type |
| FEP2 | 20.0 | 7.0 | 2.5 | Full-flush round type |
| FEP7 | 26.0 | 9.0 | 3.0 | Full-flush round type |
| FEP4 | 26.0 | 9.0 | 4.5 | Full-flush round type |
| FEP6A | 28.0 | 12.0 | 4.0 | Full-flush round type |
| FEP6 | 28.0 | 12.0 | 8.5 | Full-flush round type |
| FEP10P1 | 33.0 | 17.0 | 6.0 | Full-flush round type |
| FEP10P | 34.0 | 17.0 | 8.0 | Full-flush round type |

SY Type



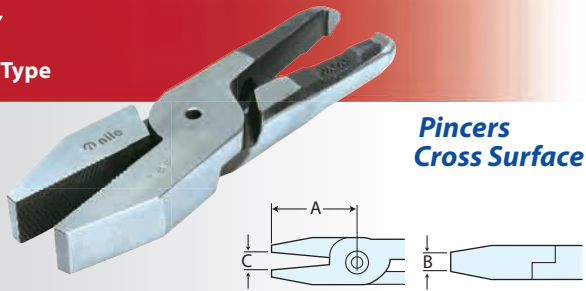
| Model | Dimensions (mm) | | | | Section of blade |
|-------|-----------------|------|-----|----|------------------|
| | A | B | C | F° | |
| SY7P | 43.0 | 18.0 | 8.0 | 30 | others |

SH Type



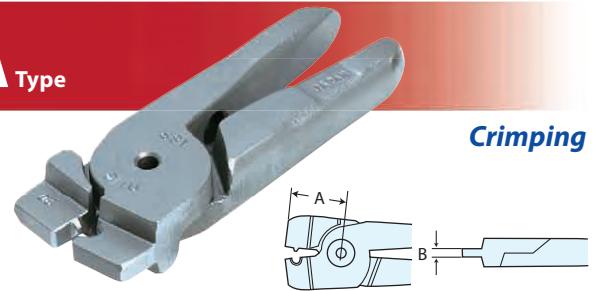
| Model | Dimensions (mm) | | | | Section of blade |
|-------|-----------------|---|-----|----|------------------|
| | A | B | C | F° | |
| SH8P | 43.0 | - | 7.0 | - | others |

Y Type



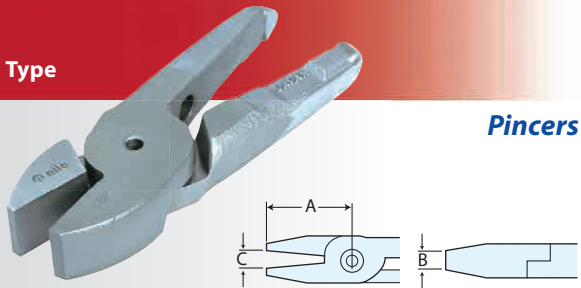
| Model | Dimensions (mm) | | |
|-------|-----------------|------|------|
| | A | B | C |
| Y20 | 24.0 | 7.0 | 2.5 |
| Y2 | 24.0 | 7.0 | 3.0 |
| YT7 | 27.0 | 9.0 | 4.0 |
| Y4 | 27.0 | 9.0 | 5.0 |
| Y6A | 47.0 | 6.0 | 9.0 |
| Y6J | 47.0 | 6.0 | 6.0 |
| Y6 | 47.0 | 6.0 | 10.0 |
| Y250 | 45.0 | 12.0 | 14.0 |
| Y8P1 | 70.0 | 17.0 | 12.5 |
| Y8P | 70.0 | 17.0 | 16.0 |
| Y817P | 65.0 | 17.0 | 16.0 |
| Y120 | 60.0 | 25.0 | 13.0 |

A Type



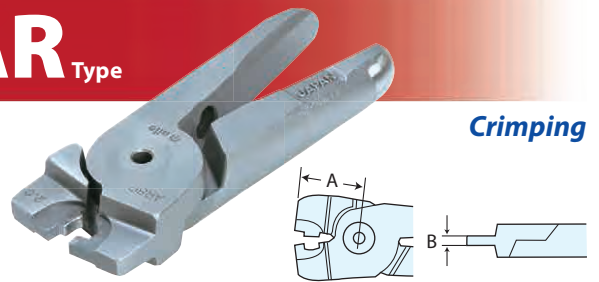
| Model | Dimensions (mm) | |
|---------------|-----------------|-----|
| | A | B |
| A8P1-1.25 | 30.0 | 5.8 |
| A8P1-2.0 | 30.0 | 5.8 |
| A8P-1.25 | 30.0 | 5.8 |
| A8P-2.0 | 30.0 | 5.8 |
| A8P-5.5 | 32.0 | 5.8 |
| A8WP-1.25-2.0 | 39.5 | 5.8 |
| A8WP-2.0-5.5 | 39.0 | 6.0 |

K Type



| 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 |

AR Type





| 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 |

BLADE

Cutting capacity List

| Model | For copper wire | | For steel wire | | For soft plastics | | For piano wire | |
|--------|-----------------|-------|----------------|-------|-------------------|-------|----------------|-------|
| | Diameter (φmm) | Blade | Diameter (φmm) | Blade | Diameter (φmm) | Blade | Diameter (φmm) | Blade |
| MR3 | 0.8 | S20 | - | - | 1.0 | F10 | - | - |
| MR5 | 1.0 | S2 | - | - | 2.0 | F1 | 0.3 | Z2 |
| MR10 | 1.6 | S4 | 1.0 | S4 | 4.0 | F3 | 0.5 | Z4 |
| MR20 | 2.6 | S5 | 2.0 | P6 | 7.0 | F5 | 1.0 | Z6 |
| MP25 | - | - | - | - | 8.0 | F250 | - | - |
| MP25A | 2.6 | S5 | 2.0 | P6 | - | - | - | - |
| MR30A | 3.3 | S7P | 2.8 | P8P | 10.0 | F9P | 1.2 | Z8P |
| MP250 | 4.0 | S7P1 | 3.2 | P8P1 | - | - | - | - |
| MP35A | 4.8 | S7P | 4.0 | P8P | 13.0 | F9P | - | - |
| MR50FK | - | - | - | - | 12.0 | F9PF | - | - |
| MR50AK | 5.5 | P120 | 4.5 | P120 | - | - | 1.6 | Z120 |
| MP55AK | 7.0 | P120 | 6.0 | P120 | - | - | 2.0 | Z120 |

| Model | For stainless wire | | ※For hard plastics | |
|--------|--------------------|-------|--------------------|-------|
| | Diameter (φmm) | Blade | Diameter (φmm) | Blade |
| MR3 | - | - | - | - |
| MR5 | - | - | 1.0 | F1 |
| MR10 | - | - | 2.6 | F3 |
| MR20 | 1.6 | P6 | 5.0 | F5 |
| MP25 | - | - | - | - |
| MP25A | 1.6 | P6 | - | - |
| MR30A | 2.0 | P8P | 6.5 | F9P |
| MP250 | 2.3 | P8P1 | - | - |
| MP35A | 2.8 | P8P | - | - |
| MR50FK | - | - | - | - |
| MR50AK | 3.5 | Z120 | - | - |
| MP55AK | 4.3 | Z120 | - | - |

| Shape of terminals | Size (sq) | Model&Blade |
|---|-----------|-----------------|
| Ring terminals  | 1.25 | MR30A/A8P-1.25 |
| | 2.0 | MR30A/A8P-2.0 |
| | 5.5 | MP35A/A8P-5.5 |
| Insulated connectors  | 1.25 | MR30A/AR8P-1.25 |
| | 2.0 | MR30A/AR8P-2.0 |
| | 5.5 | MP35A/AR8P-5.5 |

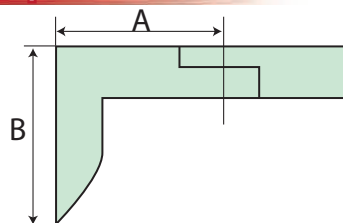
※ Bakelite, polyacetal acrylic resin etc.

SPECIAL BLADES

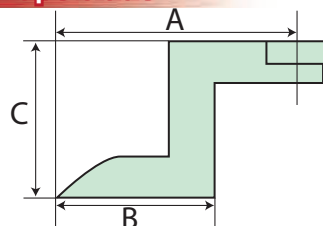
The dimensions (A,B,C,D&R) are required for designing and quoting special blades such as below illustrated.

B:length of edge R:radius D:angle

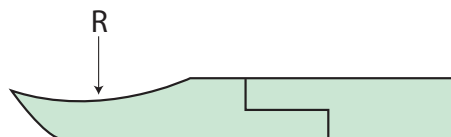
1 "L" shape blade



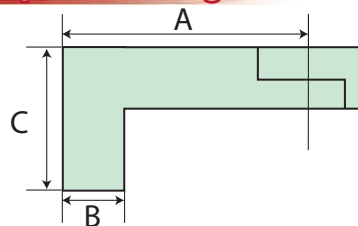
2 Crank shape blade



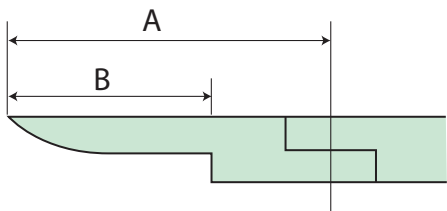
3 Radius cutting blade



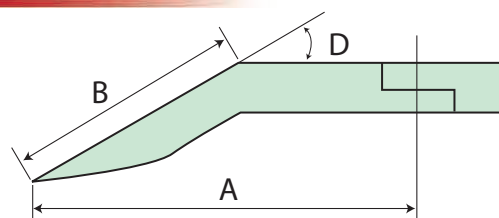
4 "L" shape end cutting blade



5 Long nose blade



※



BLADE

SPECIAL BLADES

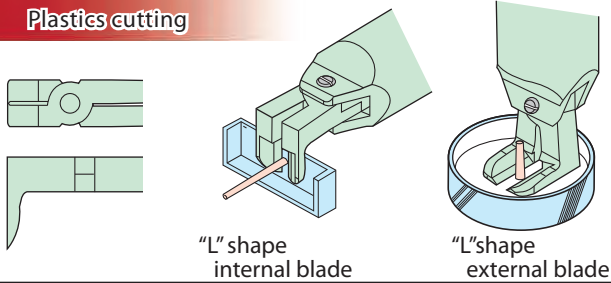
Some examples of custom-made blades

(Designed to meet your particular application.)

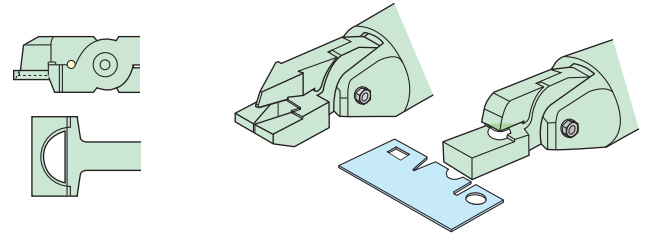
Even a piece of any type of special blade can be designed and manufactured to meet your particular application.

Samples of actual work pieces are required on inquiry for designing and quoting.

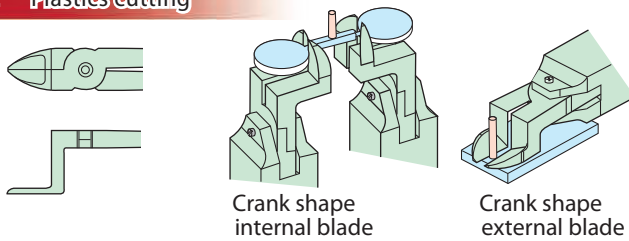
1 Plastics cutting



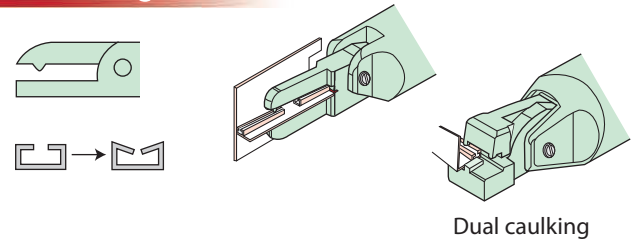
7 Punching various holes



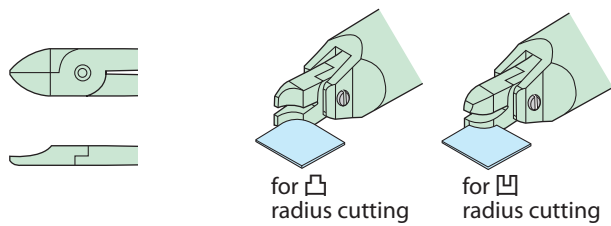
2 Plastics cutting



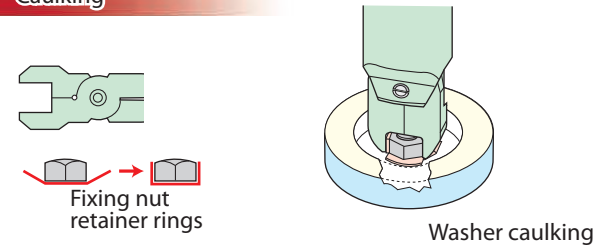
8 Sash caulking



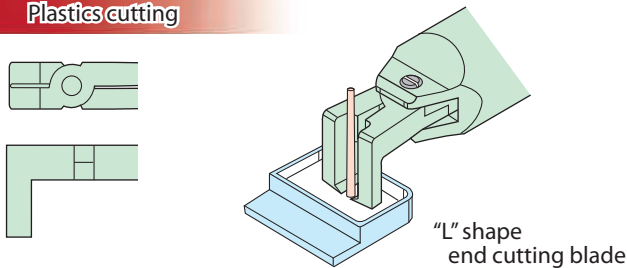
3 Radius cutting of plastics



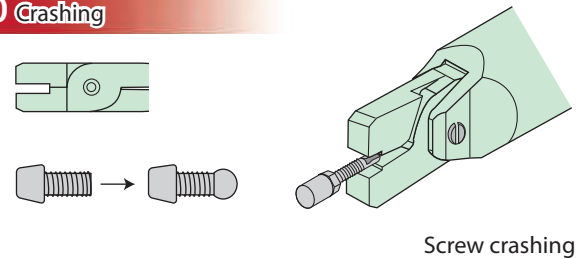
9 Caulking



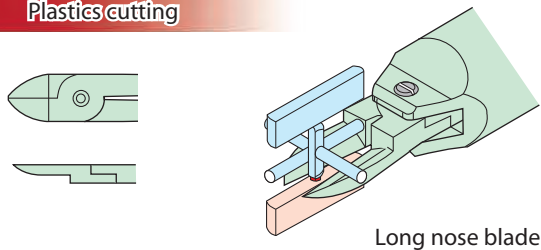
4 Plastics cutting



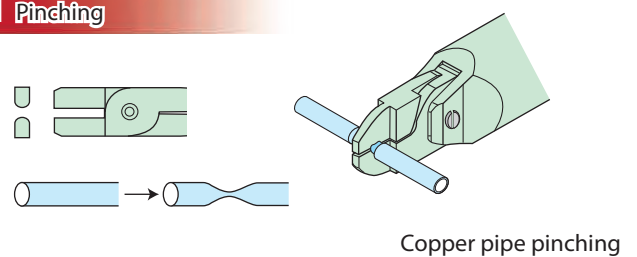
10 Crashing



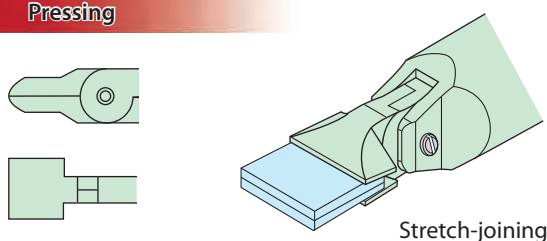
5 Plastics cutting



11 Pinching



6 Pressing



12 Bending

