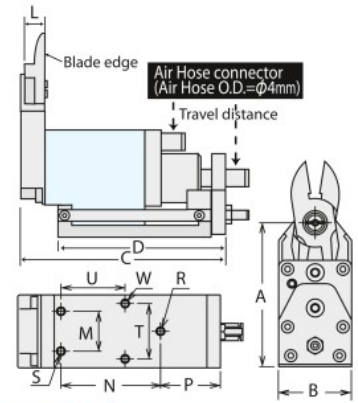


SN TYPE SLIDING AIR CUTTERS

SN-series : Pull&Cut type SNP-series : Push&Cut type

MACHINE-FITTING TYPE

SN Type Pull&Cut type

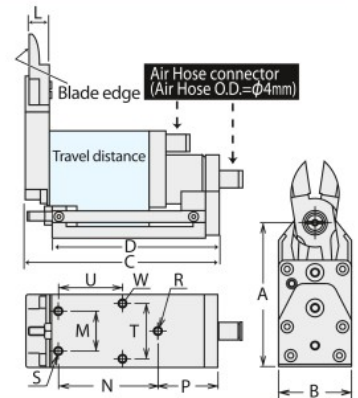


SN type specification

| Model (less blade) | Weight (g) | Air consumption (cm ³ /stroke) | Power N (approx.) | Air pressure (MPa) | Dimensions (mm) | | | | | | | | | | | |
|-----------------------|---------------|--|----------------------|-----------------------|-----------------|------|------|----|----|----|----|----|------|----|----|----|
| | | | | | A | B | C | D | M | N | P | R | S | T | U | W |
| SN1 | 140 | 16 | 312 | 0.5 | 61 | 16.5 | 80 | 65 | - | 30 | 20 | M4 | - | - | - | - |
| SN2 | 160 | 21 | 429 | 0.5 | 61 | 19 | 80 | 65 | - | 30 | 20 | M4 | - | - | - | - |
| SN3 | 170 | 24 | 613 | 0.5 | 59 | 23 | 79.6 | 65 | 12 | 37 | 25 | M4 | M4D5 | 15 | 23 | M4 |
| SN5 | 220 | 47 | 1,013 | 0.5 | 63 | 28 | 83.6 | 69 | 14 | 40 | 26 | M4 | M4D6 | 20 | 24 | M4 |
| SN10 | 300 | 60 | 1,254 | 0.5 | 70 | 33 | 91.6 | 75 | 18 | 45 | 27 | M4 | M4D6 | 25 | 29 | M4 |
| SN20 | 595 | 153 | 1,671 | 0.5 | 82 | 42 | 110 | 90 | 22 | 58 | 28 | M4 | M4D7 | 30 | 32 | M5 |

MACHINE-FITTING TYPE

SNP Type Push&Cut type



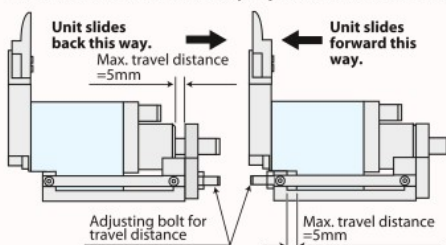
SNP type specification

| Model (less blade) | Weight (g) | Air consumption (cm ³ /stroke) | Power N (approx.) | Air pressure (MPa) | Dimensions (mm) | | | | | | | | | | | |
|-----------------------|---------------|--|----------------------|-----------------------|-----------------|------|------|----|----|----|----|----|------|----|----|----|
| | | | | | A | B | C | D | M | N | P | R | S | T | U | W |
| SNP1 | 140 | 16 | 312 | 0.5 | 61 | 16.5 | 75 | 65 | - | 30 | 20 | M4 | - | - | - | - |
| SNP2 | 160 | 21 | 429 | 0.5 | 61 | 19 | 75 | 65 | - | 30 | 20 | M4 | - | - | - | - |
| SNP3 | 170 | 24 | 613 | 0.5 | 59 | 23 | 74.6 | 65 | 12 | 37 | 25 | M4 | M4D5 | 15 | 23 | M4 |
| SNP5 | 220 | 47 | 1,013 | 0.5 | 63 | 28 | 78.6 | 69 | 14 | 40 | 26 | M4 | M4D6 | 20 | 24 | M4 |
| SNP10 | 300 | 60 | 1,254 | 0.5 | 70 | 33 | 86.6 | 75 | 18 | 45 | 27 | M4 | M4D6 | 25 | 29 | M4 |
| SNP20 | 595 | 153 | 1,671 | 0.5 | 82 | 42 | 105 | 90 | 22 | 58 | 28 | M4 | M4D7 | 30 | 32 | M5 |

REMARKABLE FEATURES

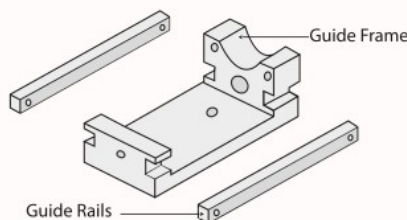
Point 1

"Pull & Cut"(SN-series) and "Push & Cut"(SNP-series) are lined up for your choice. The unit travel distance is freely adjustable within 0-5mm.



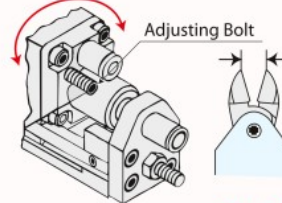
Point 3

Any special cutting blade can be designed and manufactured to meet your application even for 1 piece.



Point 2

The blade opening is adjustable by turning the adjusting bolt.



| Model | Blade | Model | Blade | (mm) | |
|-------|-------|-------|-------|------|------|
| | | | | Min. | Max. |
| SN2 | FN10 | SNP2 | FNP10 | 1.0 | 2.8 |
| SN3 | FN10 | SNP3 | FNP10 | 1.5 | 3.5 |
| SN5 | FN1 | SNP5 | FNP1 | 2.0 | 5.5 |
| SN10 | FN3 | SNP10 | FNP3 | 3.0 | 7.0 |
| SN20 | FN5 | SNP20 | FNP5 | 5.0 | 8.5 |

Point 4

Cutting units are guided with parallel rails while traveling assuring the minimum play in vertical and horizontal direction.

Point 5

Blade Holder can be set on the stand base at 90° angle either to left or right as illustrated. (Excepting SN3 and SNP3.) (Loosen counter-sunk screws and cap bolts, then turn Blade Holder Plate together with Piston and Ring to the desired position and fix.)

