

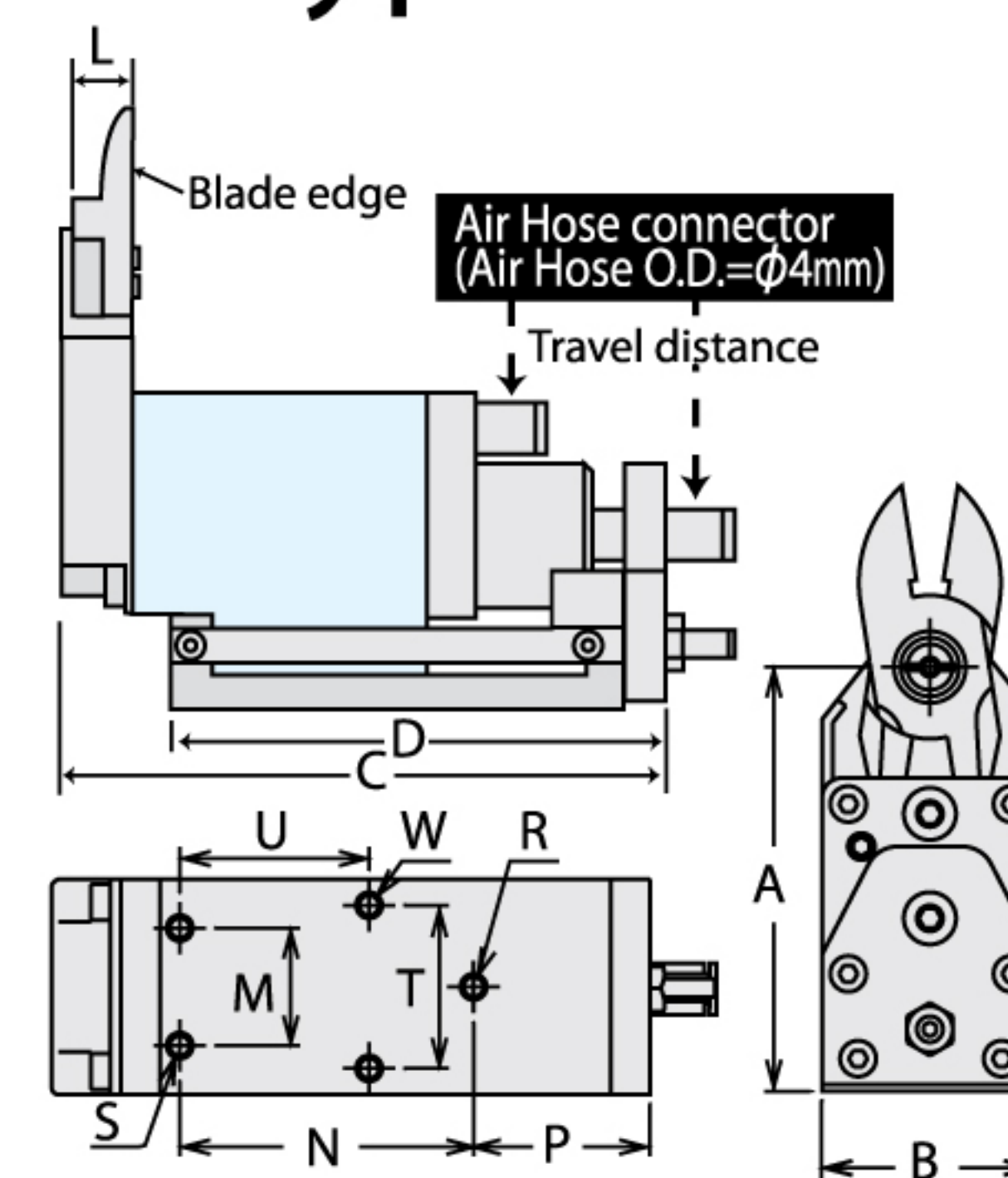
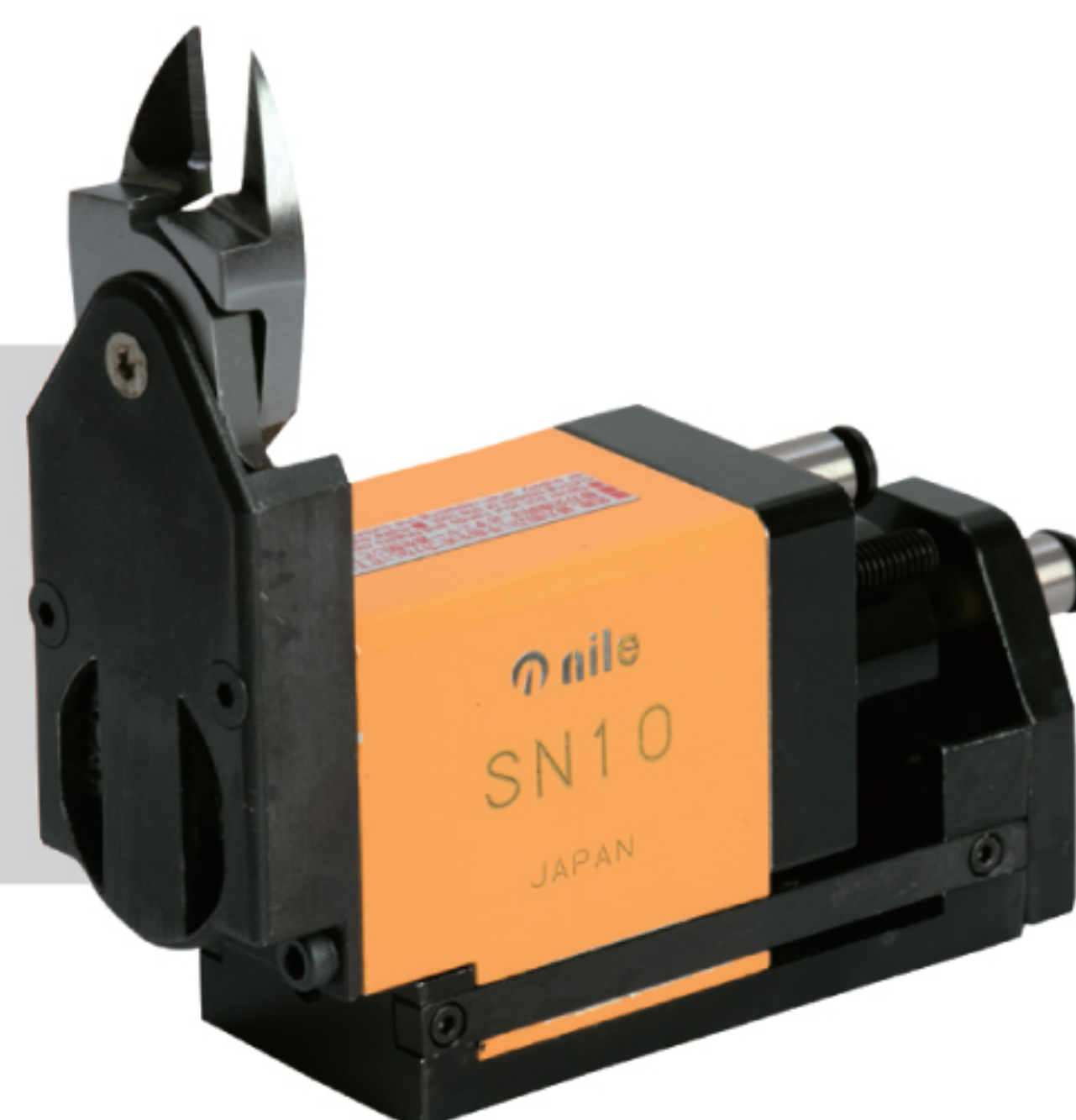
SN Type Sliding Air Cutters

SN-series : Pull&Cut type

SNP-series : Push&Cut type

MACHINE-FITTING TYPE

SN Type
Pull&Cut type

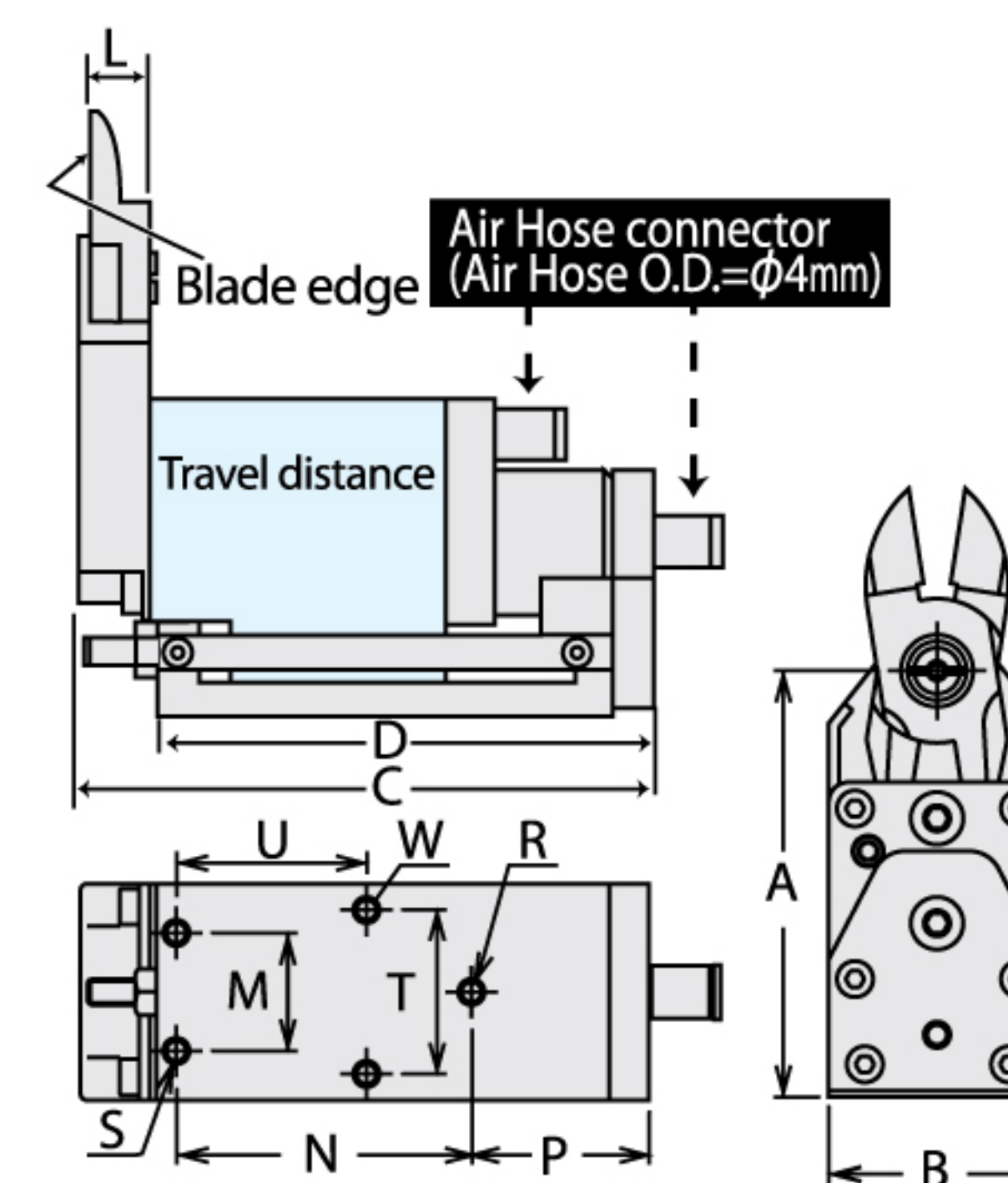


SN type specification

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



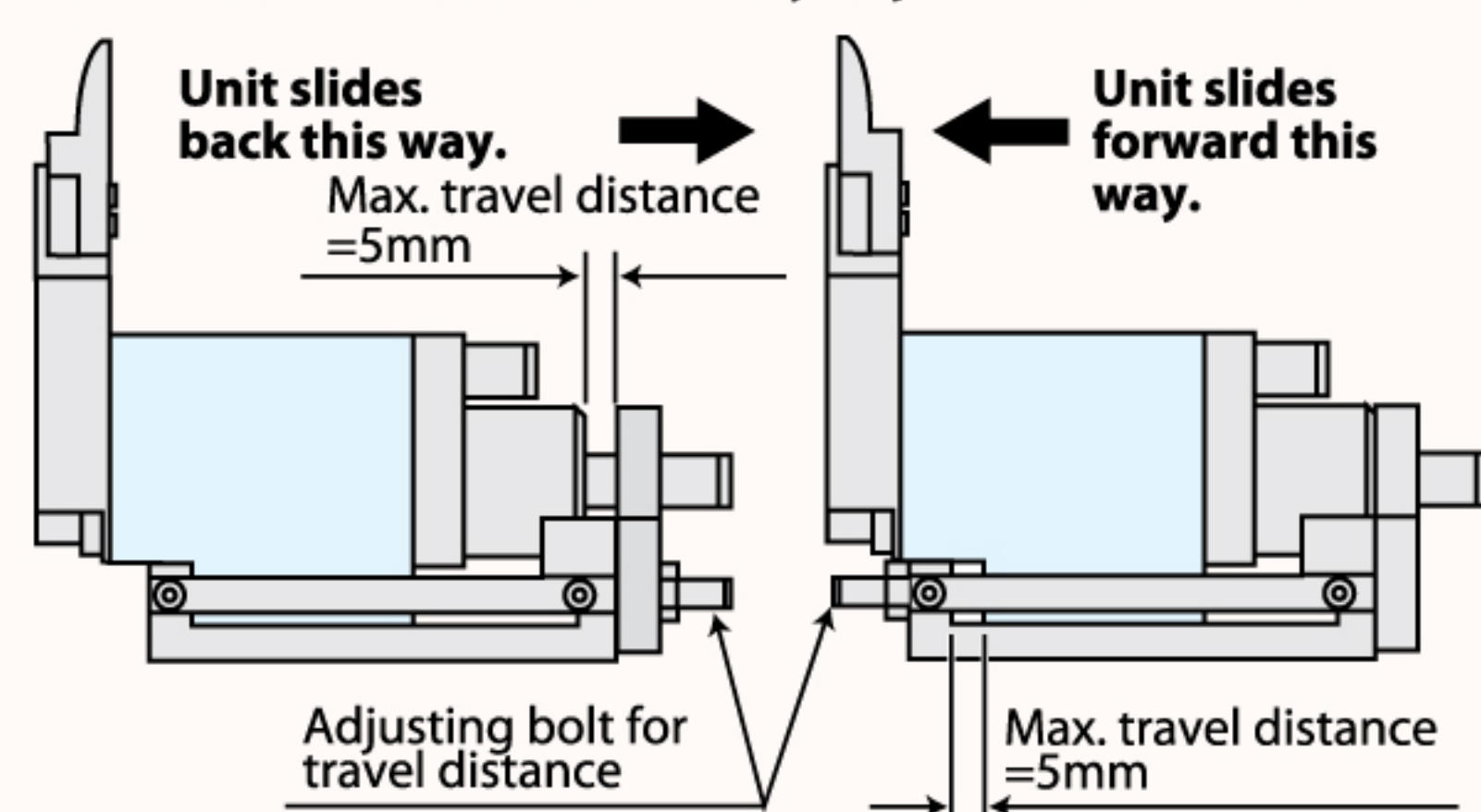
SNP type specification

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

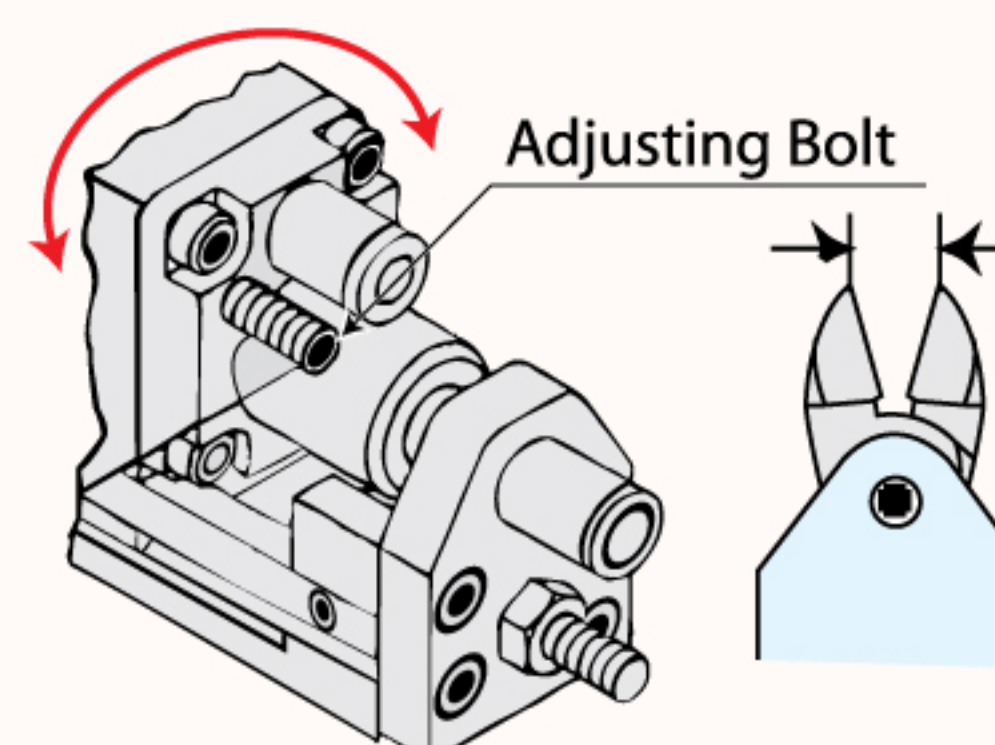
Point 1

"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 2

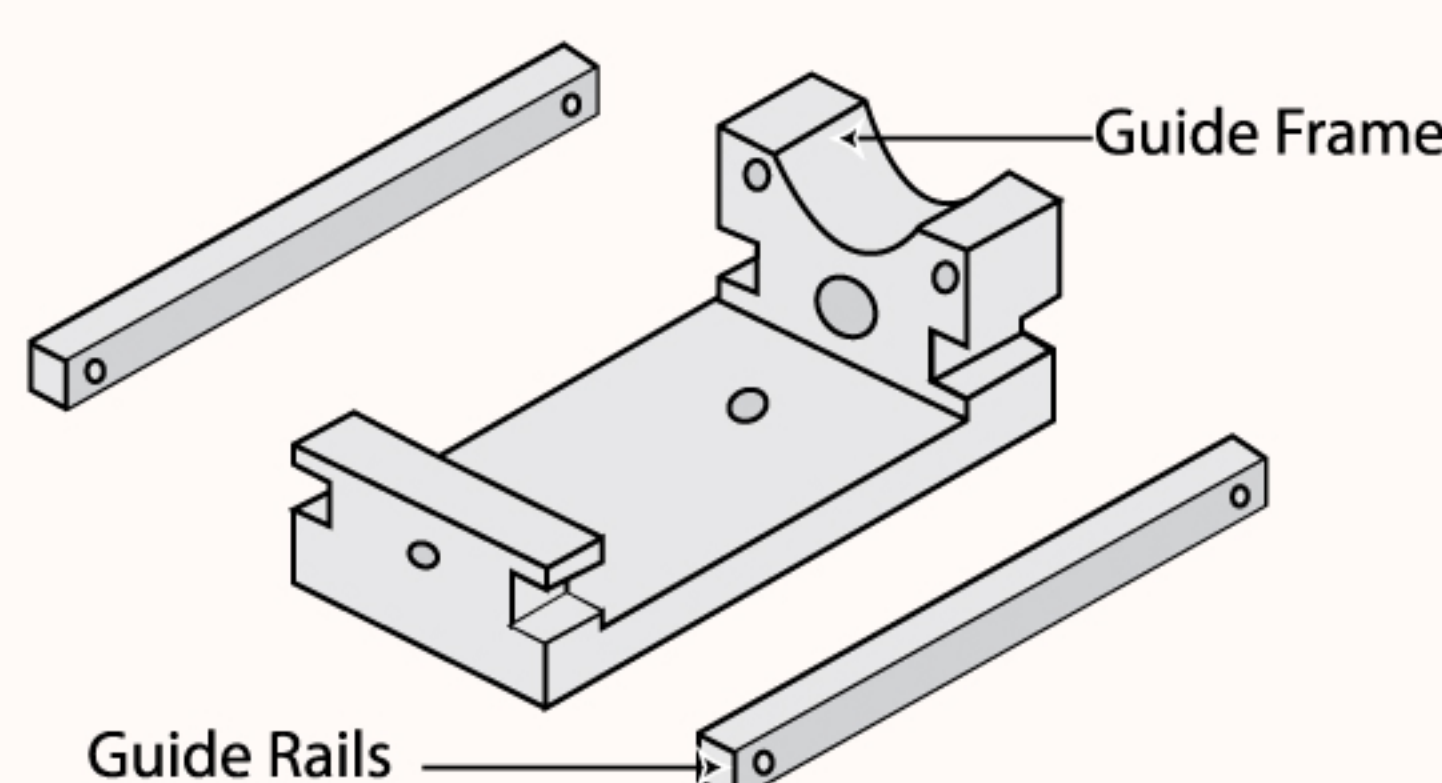
The blade opening is adjustable by turning the adjusting bolt.



Model	Blade	Model	Blade	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

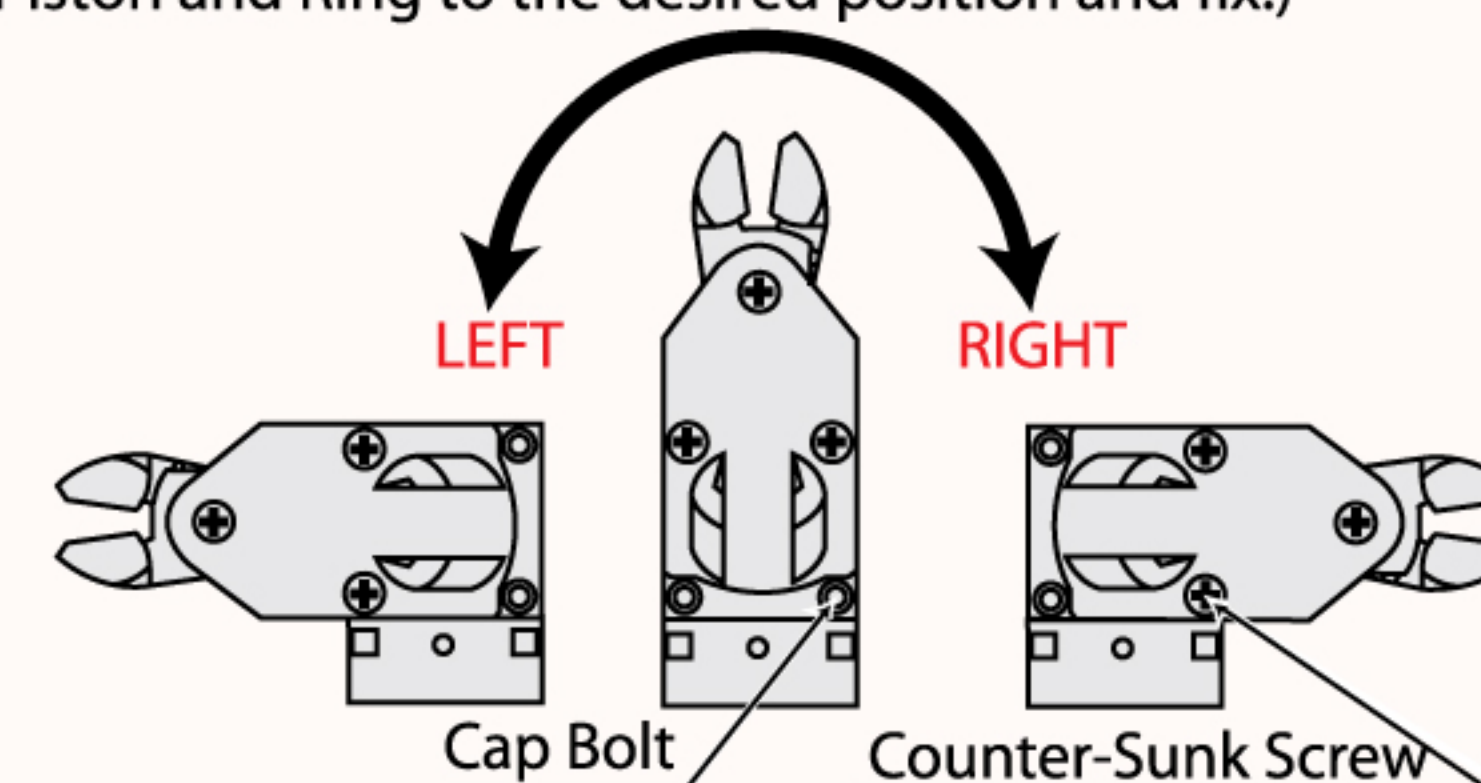
Point 4

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.)



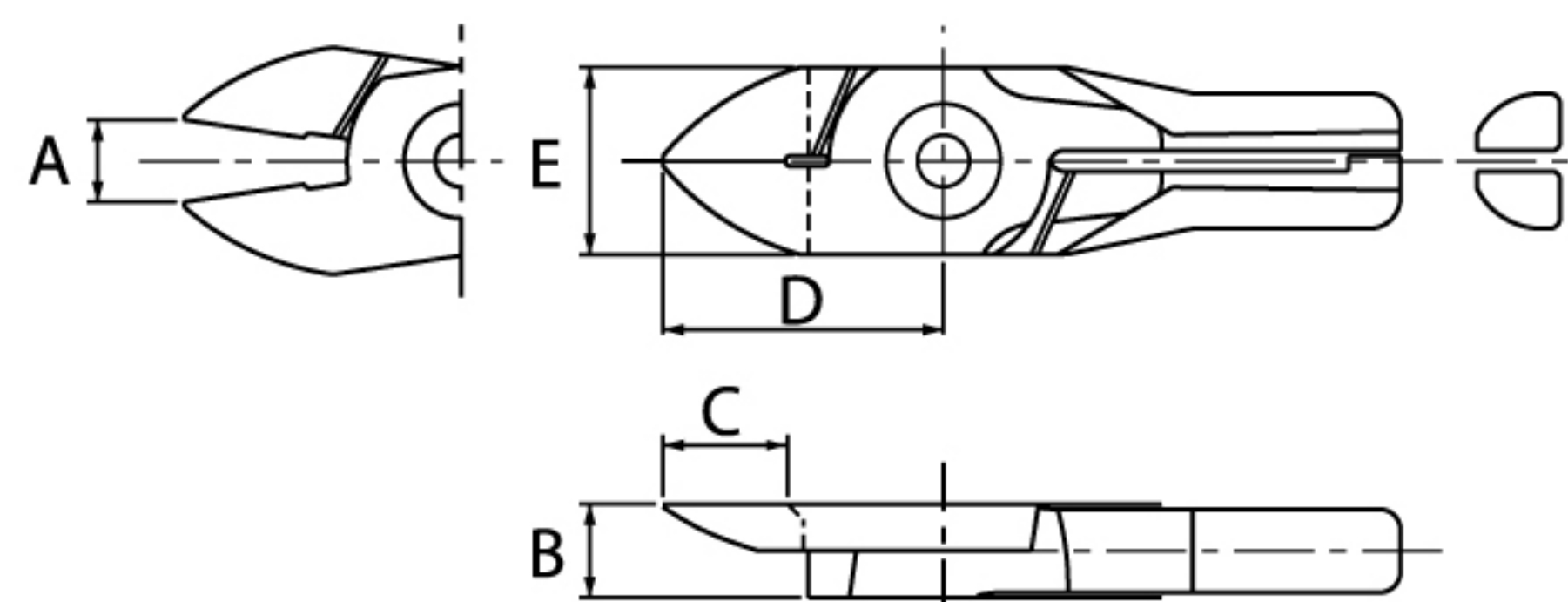
SN Type Sliding Air Cutters

Blades for SN . SNP series

STANDARD TYPE

FN

for SN series



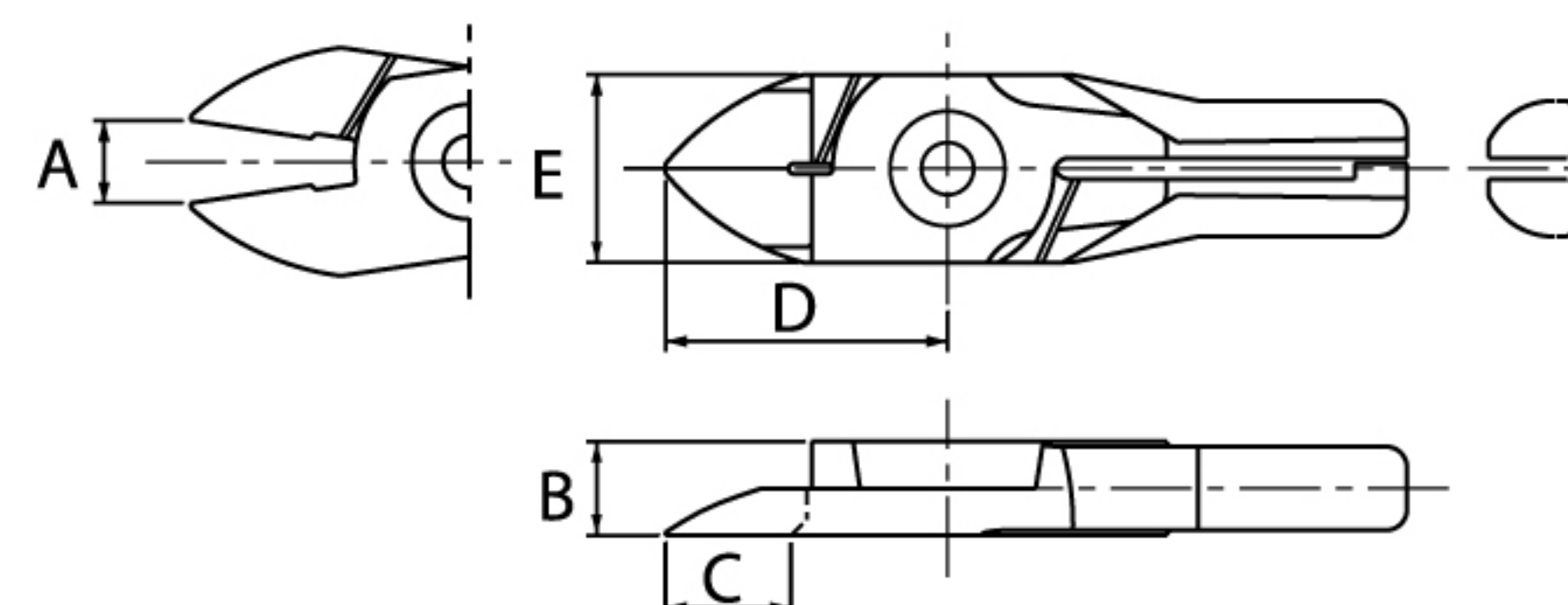
Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)				
			A	B	C	D	E
SN1	FN30	1.5	2.5	7.0	11.0	24.0	12.0
SN2	FN10	2.0	2.8	7.0	11.0	24.0	14.0
SN3	FN10	2.0	3.5	7.0	11.0	24.0	14.0
SN5	FN1	3.0	5.5	7.0	11.0	24.0	16.0
SN10	FN3	4.0	7.0	9.0	11.0	27.0	19.0
SN20	FN5	5.0	8.5	12.0	16.0	35.0	22.0

STANDARD TYPE

FNP

for SNP series



Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)				
			A	B	C	D	E
SNP1	FNP30	1.5	2.5	7.0	11.0	24.0	12.0
SNP2	FNP10	2.0	2.8	7.0	11.0	24.0	14.0
SNP3	FNP10	2.0	3.5	7.0	11.0	24.0	14.0
SNP5	FNP1	3.0	5.5	7.0	11.0	24.0	16.0
SNP10	FNP3	4.0	7.0	9.0	11.0	27.0	19.0
SNP20	FNP5	5.0	8.5	12.0	16.0	35.0	22.0

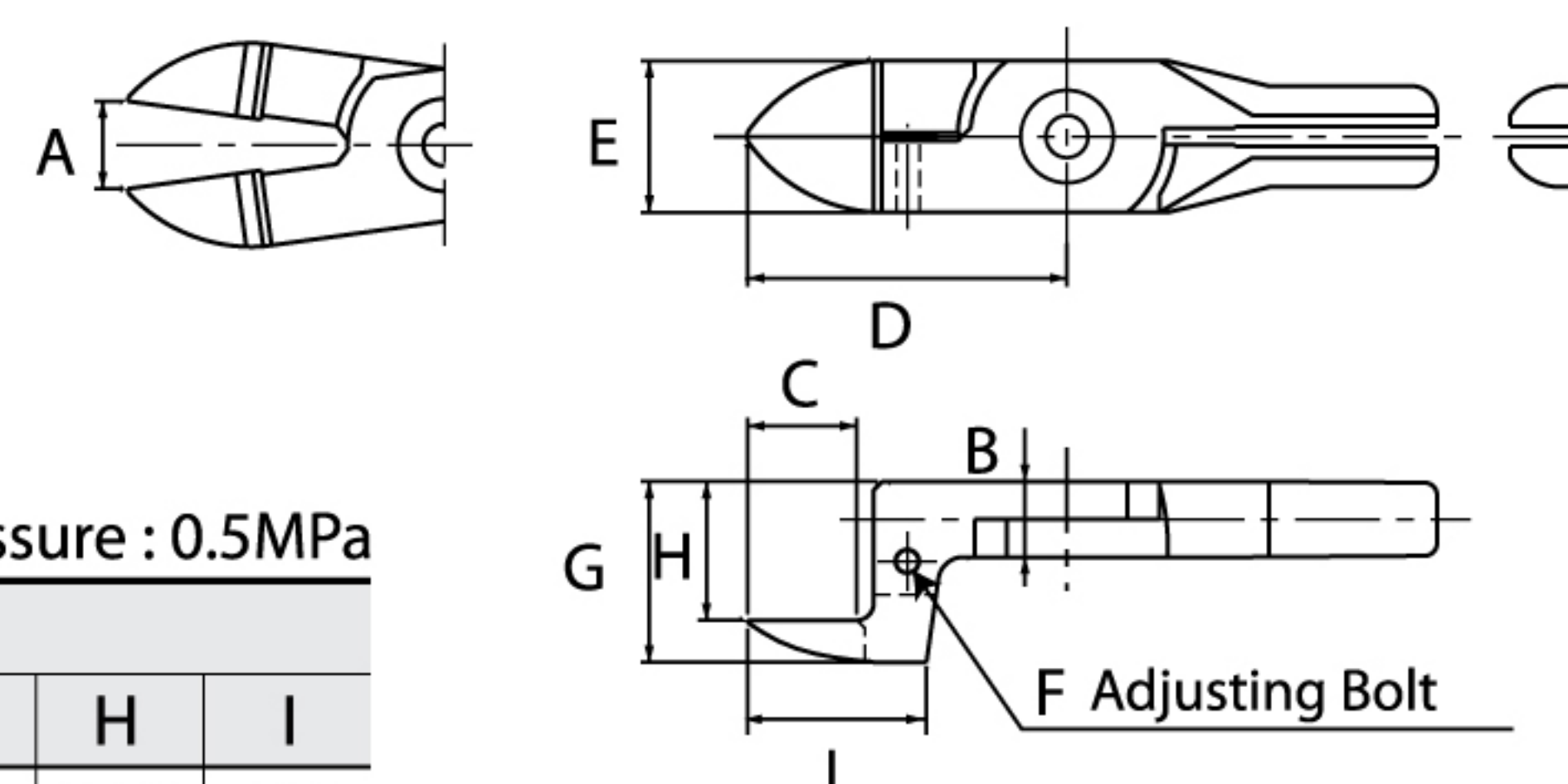
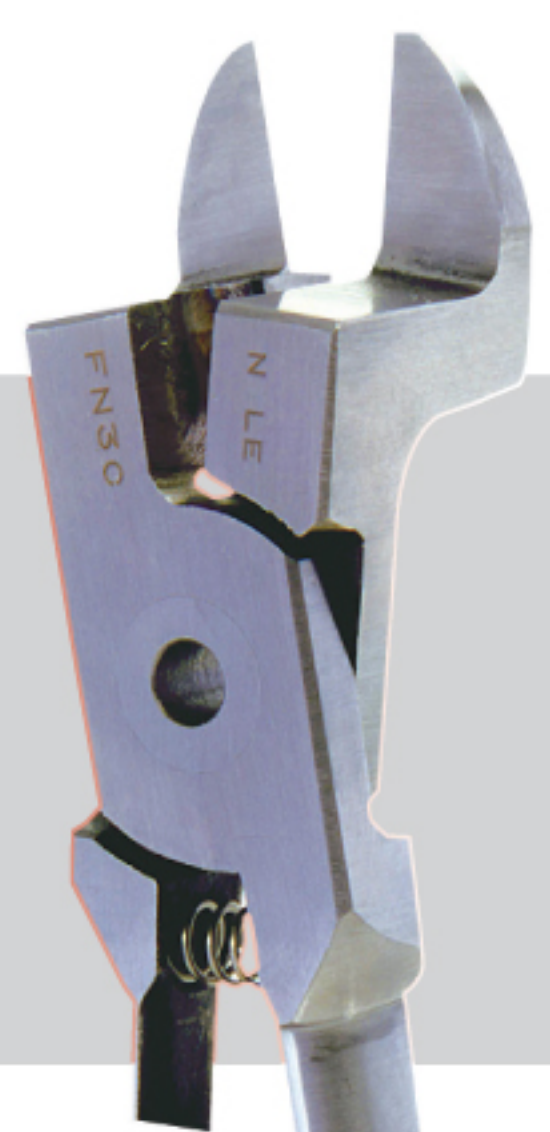
CRANK TYPE

FN-C

for SN series

Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)								
			A	B	C	D	E	F	G	H	I
SN1	FN30C	1.0	4.0	7.0	11.0	35.0	12.0	M3	18.0	14.0	19.0
SN2	FN10C	1.5	4.2	7.0	11.0	35.0	14.0	M3	18.0	14.0	19.0
SN3	FN10C	1.5	5.2	7.0	11.0	35.0	14.0	M3	18.0	14.0	19.0
SN5	FN1C	2.5	9.0	7.0	13.0	38.0	16.0	M3	20.0	15.0	21.0
SN10	FN3C	3.0	10.0	9.0	13.0	38.0	18.0	M3	21.5	16.5	21.0
SN20	FN5C	4.0	10.0	12.0	19.0	46.0	22.0	M3	24.0	19.0	30.0



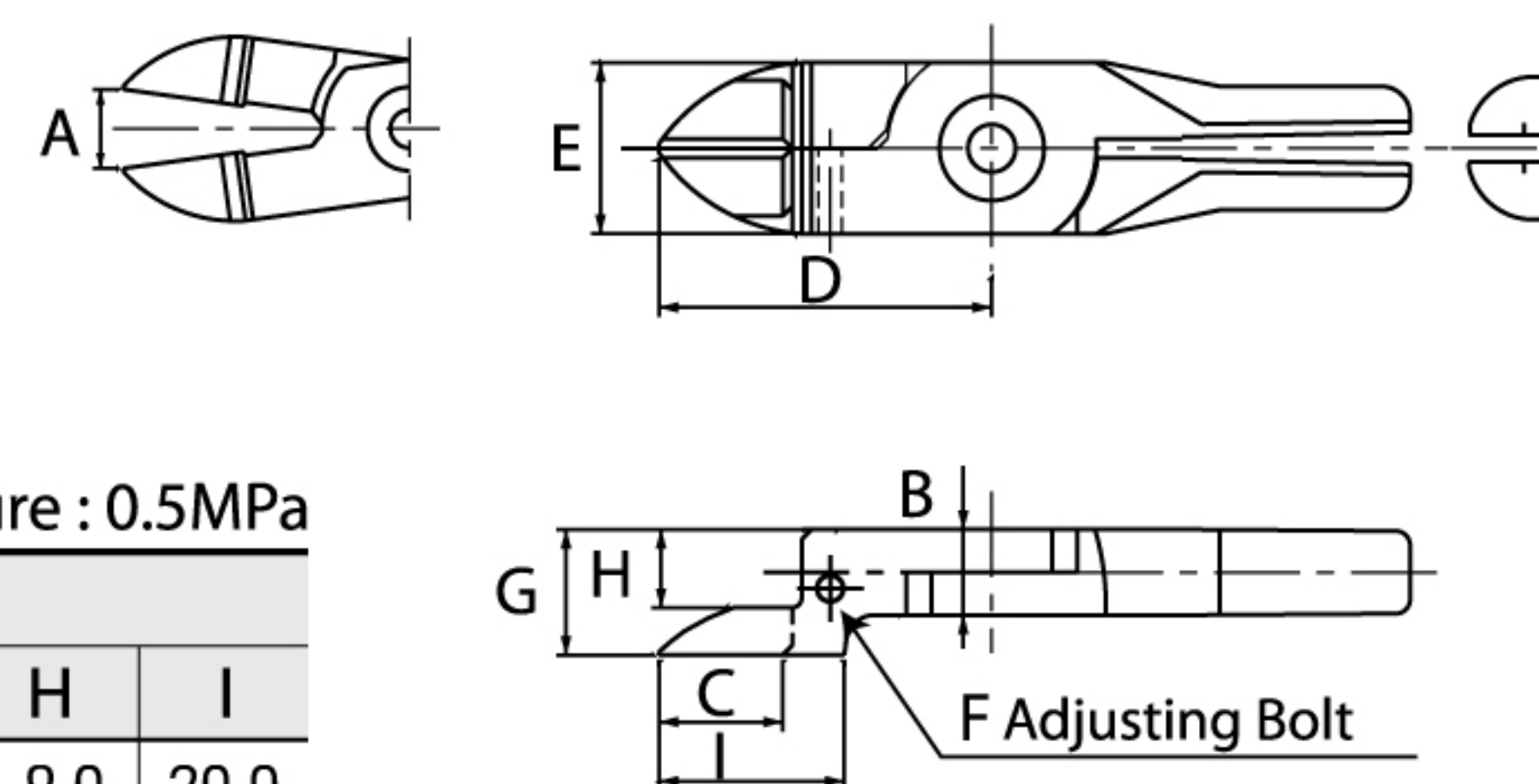
CRANK TYPE

FNP-C

for SNP series

Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)								
			A	B	C	D	E	F	G	H	I
SNP1	FNP30C	1.0	4.0	7.0	11.0	35.0	12.0	M3	12.0	8.0	20.0
SNP2	FNP10C	1.5	4.2	7.0	11.0	35.0	14.0	M3	12.0	8.0	20.0
SNP3	FNP10C	1.5	5.2	7.0	11.0	35.0	14.0	M3	12.0	8.0	20.0
SNP5	FNP1C	2.5	8.6	7.0	14.0	37.0	16.0	M3	12.2	7.2	22.0
SNP10	FNP3C	3.0	9.8	9.0	13.0	35.0	18.0	M3	13.2	8.2	20.0
SNP20	FNP5C	4.0	10.0	12.0	18.0	42.0	22.0	M3	16.0	11.0	27.0



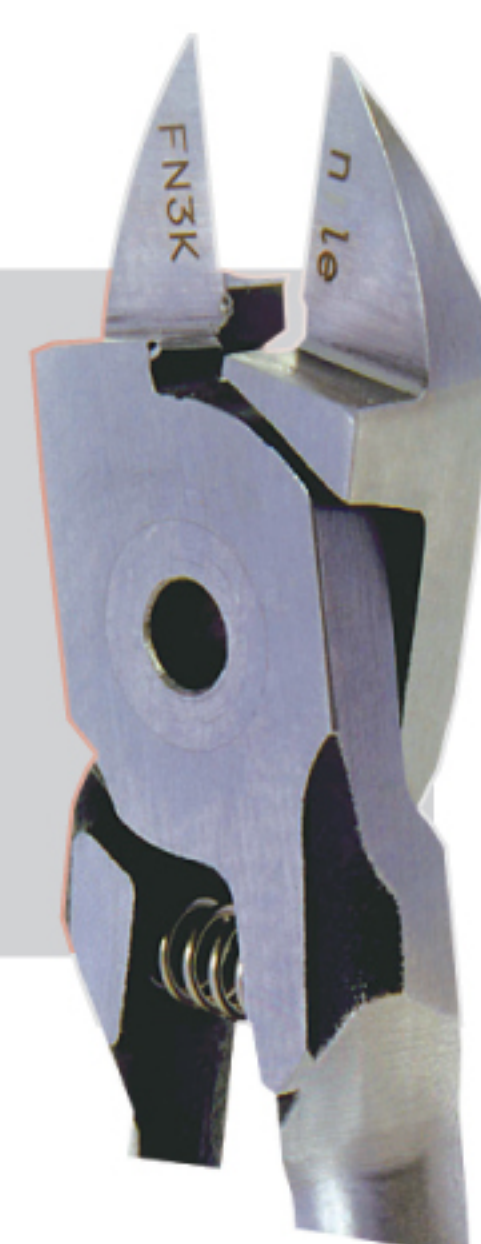
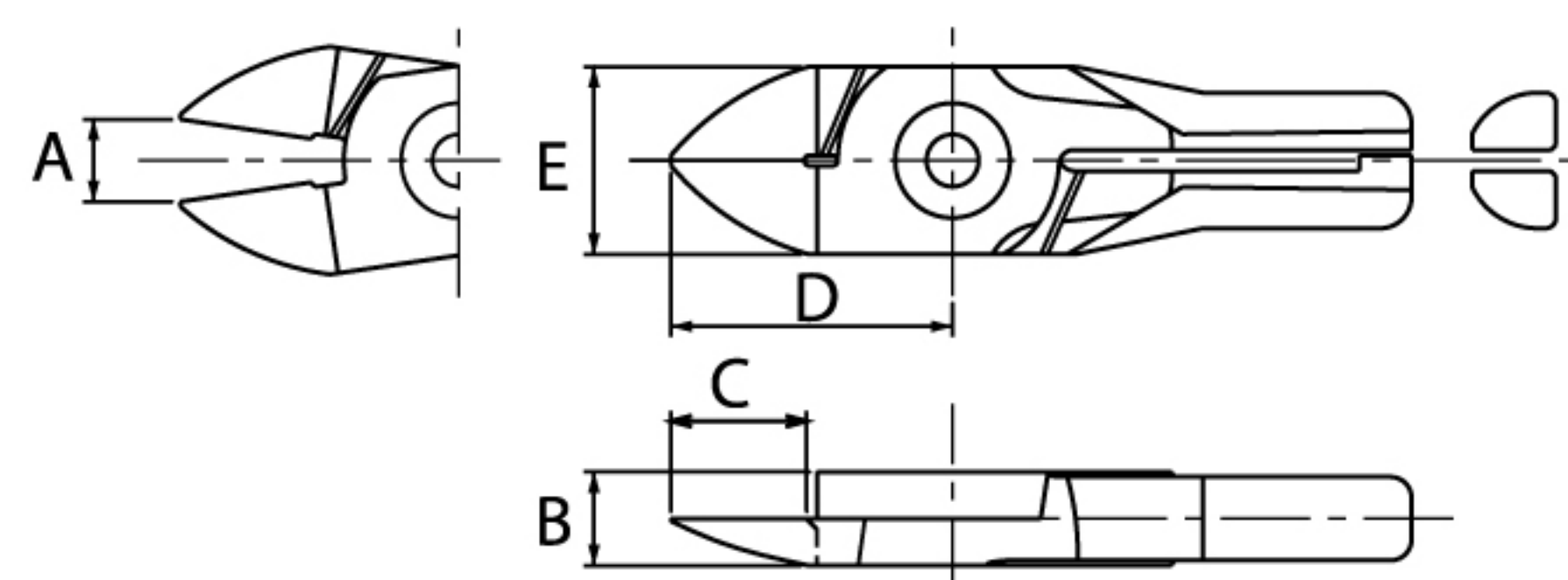
SN Type Sliding Air Cutters

Blades for SN . SNP series

CENTER TYPE

FN-K

for SN series



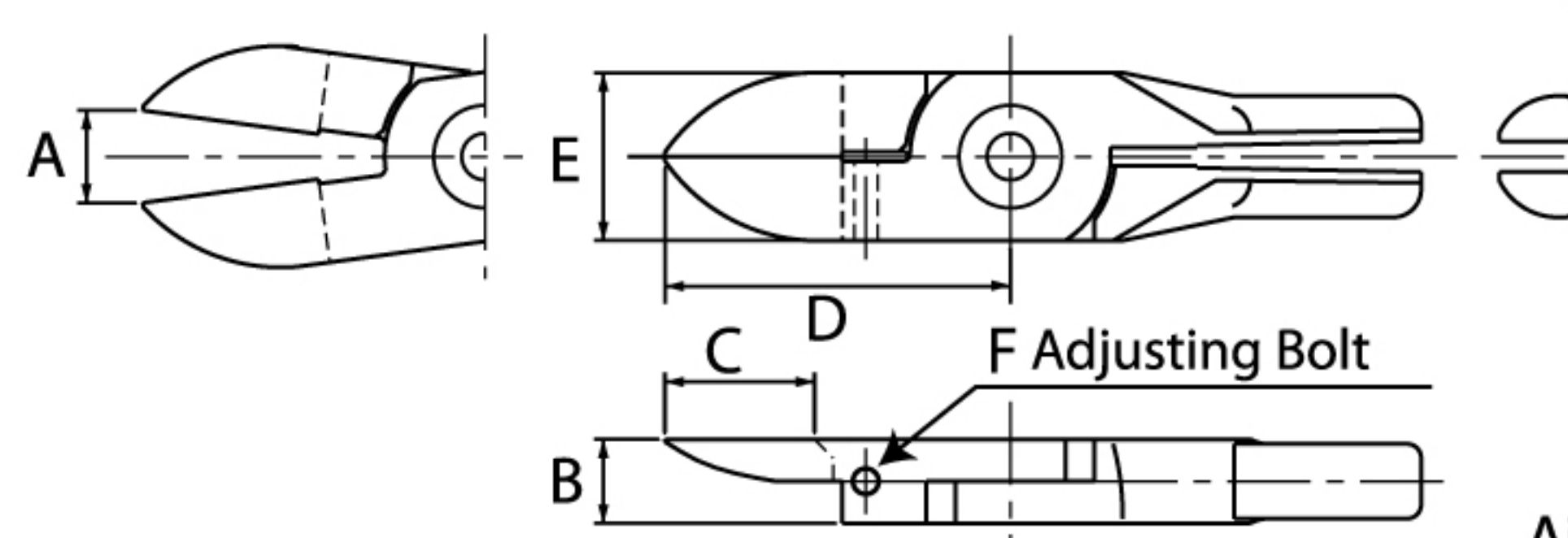
Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)				
			A	B	C	D	E
SN1	FN30K	1.5	2.5	7.0	11.0	24.0	12.0
SN2	FN10K	2.0	2.8	7.0	11.0	24.0	14.0
SN3	FN10K	2.0	3.5	7.0	11.0	24.0	14.0
SN5	FN1K	3.0	5.5	7.0	11.0	24.0	16.0
SN10	FN3K	4.0	7.5	9.0	11.0	27.0	19.0
SN20	FN5K	5.0	8.5	12.0	16.0	35.0	22.0

LONG TYPE

FN-L

for SN series



Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)					
			A	B	C	D	E	F
SN1	FN30L	1.5	4.0	7.0	16.0	33.0	12.0	M3
SN2	FN10L	1.5	3.5	7.0	16.0	33.0	14.0	M3
SN3	FN10L	2.0	5.5	7.0	16.0	33.0	14.0	M3
SN5	FN1L	3.0	8.0	7.0	16.0	33.0	16.0	M3
SN10	FN3L	3.5	9.5	9.0	16.0	37.0	18.0	M3
SN20	FN5L	4.5	10.0	12.0	21.0	45.0	22.0	M3

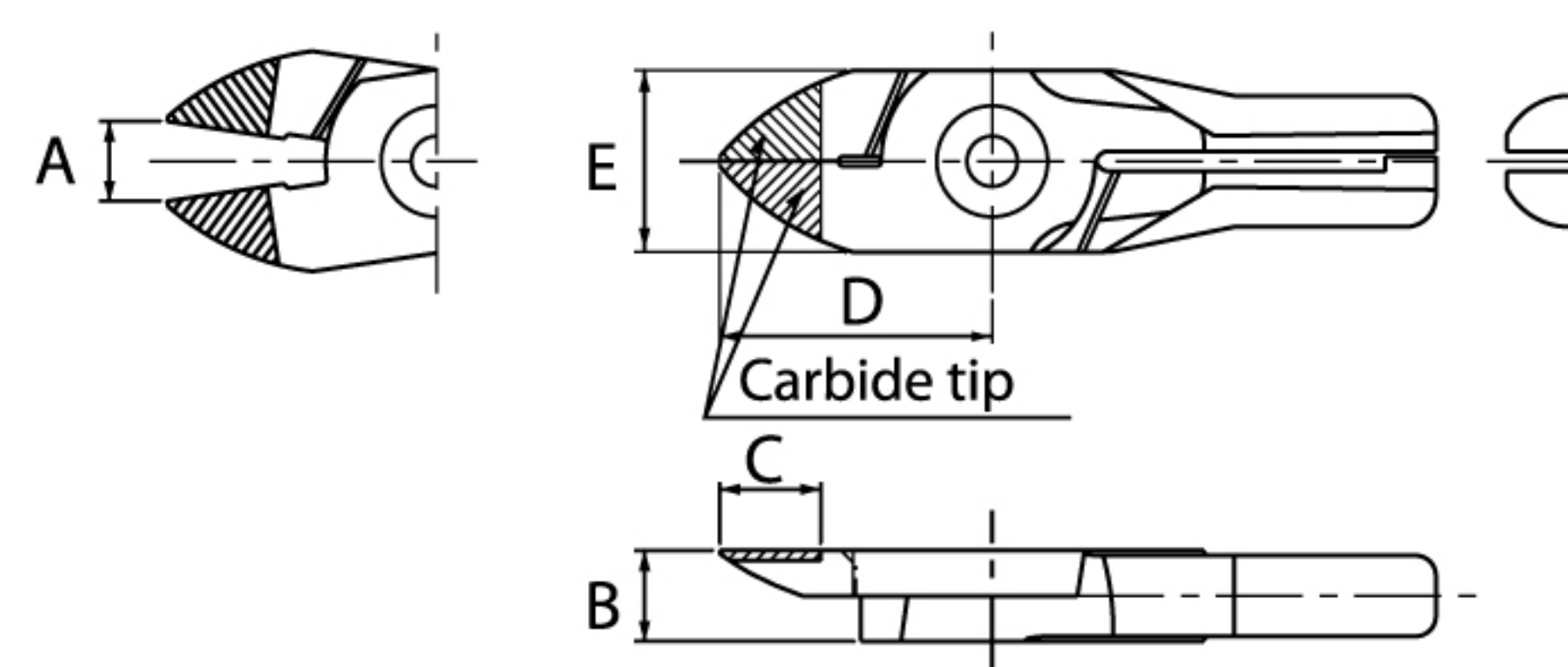
CARBIDE TIPPED TYPE

ZFN

for SN series

Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)				
			A	B	C	D	E
SN1	ZFN30	1.5	2.5	7.0	11.0	24.0	12.0
SN2	ZFN10	2.0	2.8	7.0	11.0	24.0	14.0
SN3	ZFN10	2.0	3.5	7.0	11.0	24.0	14.0
SN5	ZFN1	3.0	5.5	7.0	11.0	24.0	16.0
SN10	ZFN3	4.0	7.0	9.0	10.0	27.0	19.0
SN20	ZFN5	5.0	8.5	12.0	16.0	35.0	22.0



CARBIDE TIPPED TYPE

ZFNP

for SNP series

Air Pressure : 0.5MPa

Model	Blade	Cutting capacity (ϕ mm)	Dimensions (mm)				
			A	B	C	D	E
SNP1	ZFNP30	1.5	2.5	7.0	11.0	24.0	12.0
SNP2	ZFNP10	2.0	2.8	7.0	11.0	24.0	14.0
SNP3	ZFNP10	2.0	3.5	7.0	11.0	24.0	14.0
SNP5	ZFNP1	3.0	5.5	7.0	11.0	24.0	16.0
SNP10	ZFNP3	4.0	7.0	9.0	10.0	27.0	19.0
SNP20	ZFNP5	5.0	8.5	12.0	16.0	35.0	22.0

