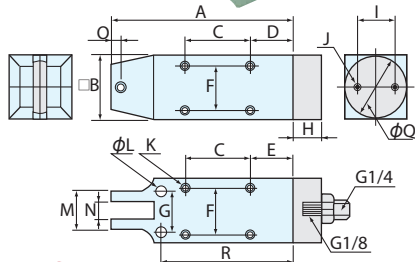
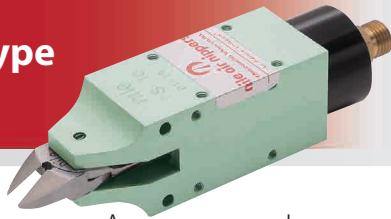


# SQUARE AIR CUTTERS

The square body has many holes for setting bolts to be mounted on any machines or stands.

## MACHINE-FITTING TYPE

### MS Type Standard



#### MS type specification

Model (less blade)	Weight (g)	Air consumption (cm <sup>3</sup> /stroke)	Power N (approx.)	Air pressure (MPa)	Dimensions (mm)																	
					A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
MS3	100	31	773	0.4~0.5	89	20	40	19	24	16	14	21	14	M3	M3	3.3	20	7	7	-	19	71
MS5	160	56	842	0.4~0.5	74	30	30	14	19	24	20	20	20	M4	M3	4.3	20	7	7	-	29	55
MS10	260	105	1,493	0.4~0.5	93	36	30	18	23	28	28	20	24	M4	M4	4.3	20	9	7	-	35	65
MS20	430	268	3,490	0.5~0.6	109	45	40	19	24	36	30	20	30	M5	M4	5.3	26	12	9	-	44	81
MS30	810	631	5,531	0.5~0.6	150	56	60	20	30	46	40	20	40	M6	M5	5.3	36	17	15	-	55	110
MS50	1,620	1,285	12,060	0.5~0.6	200	75	80	40	50	62	-	24	-	M8	-	43	25	15	-	-	74.5	-
MS50F	1,680	1,212	3,514	0.5~0.6	150	75	65	20	30	62	-	40	60	M6	M8	-	31	17	14	-	□74	-

#### MSP type specification

Model (less blade)	Weight (g)	Air consumption (cm <sup>3</sup> /stroke)	Power N (approx.)	Air pressure (MPa)	Dimensions (mm)																	
					A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
MSP3	130	48	1,090	0.3~0.4	89	20	40	19	24	16	14	21	14	M3	M3	3.3	20	7	7	61	19	71
MSP5	220	94	1,234	0.3~0.4	74	30	30	14	19	24	20	20	20	M4	M3	4.3	20	7	7	50	29	55
MSP10	360	174	2,099	0.3~0.4	93	36	30	18	23	28	28	20	24	M4	M4	4.3	20	9	7	71	35	65
MSP20	650	459	5,373	0.4~0.5	109	45	40	19	24	36	30	20	30	M5	M4	5.3	26	12	9	87	44	81
MSP30	1,220	1,146	10,118	0.5~0.6	150	56	60	20	30	46	40	20	40	M6	M5	5.3	36	17	15	92	55	110
MSP50	1,440	2,569	23,026	0.5~0.6	200	75	80	40	50	62	-	24	-	M8	-	43	25	15	133	74.5	-	-

Shapes & Dimensions of Standard Blades [Please see page 5](#) Special Blades (Custom-made blades) [Please see page 8](#)

#### MS type Blade cutting capacity

Model	Blade (* ) Carbide tipped	Copper wire	Steel wire	Stainless wire	Piano wire	Crimping	Plastic	
							Soft	Hard
MS3	S20, S20S, CR20, EP20	0.8	0.4	-	-	-	-	-
	Z20*, Z20S, ZCR20, ZEP20	0.8	0.4	0.2	0.2	-	-	-
	F10, F10S, FD10, FEP20	-	-	-	-	-	1.0	-
MS5	S2, S2S, CR2, EP2	1.0	0.5	-	-	-	-	-
	Z2*, Z2S, ZCR2, ZEP2	1.0	0.5	0.3	0.3	-	-	-
	F1, F1S, FD1, FEP2	-	-	-	-	-	2.0	-
MS10	S4, S4S, CR4, EP4	1.6	1.0	-	-	-	-	-
	Z4*, Z4S, ZCR4, ZEP4	1.6	1.0	0.5	0.5	-	-	-
	F3, F3S, FD3, F3LS, FEP4	-	-	-	-	-	4.0	2.6
MS20	Y4	-	-	-	-	-	-	-
	S5, S5S, CR6, EP6	2.6	2.0	-	-	-	-	-
	Z6*, Z6S, ZCR6, ZEP6	2.6	2.0	1.0	1.0	-	-	-
MS30	F5, F5S, FD5, F5LS, FEP6	-	-	-	-	-	7.0	5.0
	Y6, K6	-	-	-	-	-	-	-
	S7P, S7PS, P8P, CR8P, EP10P, P8PS	3.3	2.8	2.0	-	-	-	-
MS50	Z8P*, Z8PS, ZCR8P, ZEP10P	3.3	2.8	2.0	1.2	-	-	-
	F9P, F9PS, FD9P, FEP10P	-	-	-	-	-	10.0	6.5
	Y8P, K8P, Y817P	-	-	-	-	-	-	-
MS50F	SH8P	-	-	-	-	-	-	-
	A8P-1.25, A8P-2.0	-	-	-	-	1.25/2.0	-	-
	AR8P-1.25, AR8P-2.0	-	-	-	-	1.25/2.0	-	-
MS50F	S120, S120S, P120, CR120, EP120	5.5	4.5	3.5	-	-	-	-
	Z120*, Z120S, ZCR120, ZEP120	5.5	4.5	3.5	1.6	-	-	-
	Y120	-	-	-	-	-	-	-
MS50F	F9PF, FD9PF	-	-	-	-	-	12.0	6.5

#### MSP type Blade cutting capacity

Model	Blade (* ) Carbide tipped	Copper wire	Steel wire	Stainless wire	Piano wire	Crimping	Plastic	
							Soft	Hard
MSP3	S20, S20S, CR20, EP20	0.8	0.4	-	-	-	-	-
	Z20*, Z20S, ZCR20, ZEP20	0.8	0.4	0.2	0.2	-	-	-
	F10, F10S, FD10, FEP20	-	-	-	-	-	1.0	-
MSP5	S2, S2S, CR2, EP2	1.0	0.5	-	-	-	-	-
	Z2*, Z2S, ZCR2, ZEP2	1.0	0.5	0.3	0.3	-	-	-
	F1, F1S, FD1, FEP2	-	-	-	-	-	2.0	-
MSP10	S4, S4S, CR4, EP4	1.6	1.0	-	-	-	-	-
	Z4*, Z4S, ZCR4, ZEP4	1.6	1.0	0.5	0.5	-	-	-
	F3, F3S, FD3, F3LS, FEP4	-	-	-	-	-	4.0	2.6
MSP20	Y4	-	-	-	-	-	-	-
	S5, S5S, CR6, EP6	2.6	2.0	-	-	-	-	-
	Z6*, Z6S, ZCR6, ZEP6	2.6	2.0	1.0	1.0	-	-	-
MSP30	F5, F5S, FD5, F5LS, FEP6	-	-	-	-	-	7.0	5.0
	Y6, K6	-	-	-	-	-	-	-
	S7P, S7PS, P8P, CR8P, EP10P, P8PS	4.8	4.0	-	-	-	-	-
MSP50	Z8P*, Z8PS, ZCR8P, ZEP10P	4.8	4.0	-	1.2	-	-	-
	F9P, F9PS, FD9P, FEP10P	-	-	-	-	-	13.0	6.5
	Y8P, K8P, Y817P	-	-	-	-	-	-	-
MSP50F	SH8P	-	-	-	-	-	-	-
	A8P-1.25/2.0/5.5, A8WP-1.25-2.0/2.0-5.5	-	-	-	-	-	1.25/20/55	-
	AR8P-1.25/2.0/5.5, AR8WP-1.25-2.0/2.0-5.5	-	-	-	-	-	1.25/20/55	-
MSP50F	S120, S120S, P120, CR120, EP120	7.0	6.0	4.3	-	-	-	-
	Z120*, Z120S, ZCR120, ZEP120	7.0	6.0	4.3	2.0	-	-	-
	Y120	-	-	-	-	-	11.0	8.0