

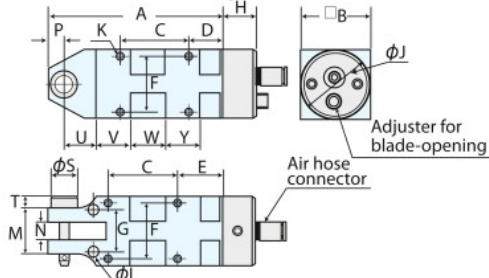
# SQUARE AIR CUTTERS

The square main body has numerous holes for setting bolts.  
No tool is needed for blade replacement.

## MACHINE-FITTING TYPE

### MS-G Type

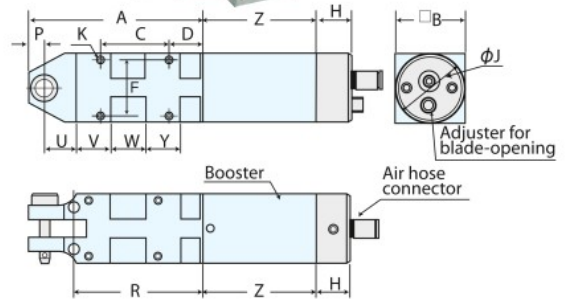
Standard



## MACHINE-FITTING TYPE

### MSP-G

Heavy-duty



#### MS-G 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	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z
MS3G	75	31	773	0.4~0.5	89	20	40	19	24	16	14	12	20	M3	3.3	20	7	7	71	11	5	3	25	25	15	-
MS5G	141	56	842	0.4~0.5	74	30	30	14	19	24	18	15	30	M3	4.3	20	7	7	54	11	5	13	15	15	15	-
MS10G	254	105	1,493	0.4~0.5	93	36	30	18	23	28	28	24	36	M4	4.3	23	9	7	65	11	5	16	27	15	15	-
MS10AG	248	122	1,879	0.5~0.6	93	36	30	18	23	28	28	24	36	M4	4.3	26	12	7	65	11	5	16	27	15	15	-
MS20G	425	268	3,490	0.5~0.6	109	45	40	19	24	36	30	27	45	M4	5.3	26	12	9	81	11	5	15	31	25	15	-
MS30G	788	631	5,531	0.5~0.6	150	56	60	20	30	46	40	27	56	M5	5.3	36	17	15	110	12	5	20	41	38	22	-

#### MSP-G 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	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z
MSP3G	111	48	1,090	0.3~0.4	89	20	40	19	24	16	14	12	20	M3	3.3	20	7	7	71	11	5	3	25	25	15	61
MSP5G	205	94	1,234	0.3~0.4	74	30	30	14	19	24	18	15	30	M3	4.3	20	7	7	54	11	5	13	15	15	15	50
MSP10G	369	174	2,099	0.3~0.4	93	36	30	18	23	28	28	24	36	M4	4.3	23	9	7	65	11	5	16	27	15	15	71.5
MSP10AG	366	209	2,750	0.4~0.5	93	36	30	18	23	28	28	24	36	M4	4.3	26	12	7	65	11	5	16	27	15	15	71.5
MSP20G	648	373	5,373	0.4~0.5	109	45	40	19	24	36	30	27	45	M4	5.3	26	12	9	81	11	5	15	31	25	15	87
MSP30G	1,115	1,146	10,118	0.5~0.6	150	56	60	20	30	46	40	27	56	M5	5.3	36	17	15	110	12	5	20	41	38	22	92

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

#### MS-G type Blade cutting capacity

Model	Blade (* Carbide tipped)	Copper wire	Steel wire	Stainless wire	Piano wire	Crimping	Plastic	
							Soft	Hard
MS3G	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	-
MS5G	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	-
MS10G	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
	Y4	-	-	-	-	-	-	-
MS10AG	S5A, S5AS, CR6A, EP6A	1.8	1.2	1.0	-	-	-	-
	Z6A*, Z6AS, ZCR6A, ZEP6A	1.8	1.2	1.0	0.5	-	-	-
	F5A, F5AS, FD5A, FEP6A	-	-	-	-	-	4.0	2.6
MS20G	S5, S5S, P6, CR6, EP6	2.6	2.0	1.6	-	-	-	-
	Z6*, Z6S, ZCR6, ZEP6	2.6	2.0	1.6	1.0	-	-	-
	F5, F5S, FD5, F5LS, FEP6	-	-	-	-	-	7.0	5.0
MS30G	S7P, S7PS, P8P, CR8P, EP10P, P8PS	3.3	2.8	2.0	-	-	-	-
	Z8P*, Z8PS, ZCR8P, ZEP10P	3.3	2.8	2.0	1.2	-	-	-
	F9P, F9PS, FD9P, FEP10P	-	-	-	-	-	10.0	6.5
	Y8P, K8P, Y817P	-	-	-	-	-	-	-
	SH8P	-	-	-	-	-	-	-
	A8P-1.25, A8P-2.0	-	-	-	-	-	1.25/2.0	-
AR8P-1.25, AR8P-2.0	-	-	-	-	-	1.25/2.0	-	

#### MSP-G type Blade cutting capacity

Model	Blade (* Carbide tipped)	Copper wire	Steel wire	Stainless wire	Piano wire	Crimping	Plastic	
							Soft	Hard
MSP3G	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	-
MSP5G	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	-
MSP10G	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
	Y4	-	-	-	-	-	-	-
MSP10AG	S5A, S5AS, CR6A, EP6A	1.8	1.2	1.0	-	-	-	-
	Z6A*, Z6AS, ZCR6A, ZEP6A	1.8	1.2	1.0	0.5	-	-	-
	F5A, F5AS, FD5A, FEP6A	-	-	-	-	-	4.0	2.6
MSP20G	S5, S5S, P6, CR6, EP6	2.6	2.0	1.6	-	-	-	-
	Z6*, Z6S, ZCR6, ZEP6	2.6	2.0	1.6	1.0	-	-	-
	F5, F5S, FD5, F5LS, FEP6	-	-	-	-	-	7.0	5.0
MSP30G	S7P, S7PS, P8P, CR8P, EP10P, P8PS	3.3	2.8	2.0	-	-	-	-
	Z8P*, Z8PS, ZCR8P, ZEP10P	3.3	2.8	2.0	1.2	-	-	-
	F9P, F9PS, FD9P, FEP10P	-	-	-	-	-	10.0	6.5
	Y8P, K8P, Y817P	-	-	-	-	-	-	-
	SH8P	-	-	-	-	-	-	-
	A8P-1.25/2.0/5.5, A8WP-1.25-2.0/2.0-5.5	-	-	-	-	-	1.25/20/5.5	-
AR8P-1.25/2.0/5.5, AR8WP-1.25-2.0/2.0-5.5	-	-	-	-	-	1.25/20/5.5	-	