



S 2000

Small and fine

- Handy and powerful
- Ideal for tamping mold sand

Your choice:

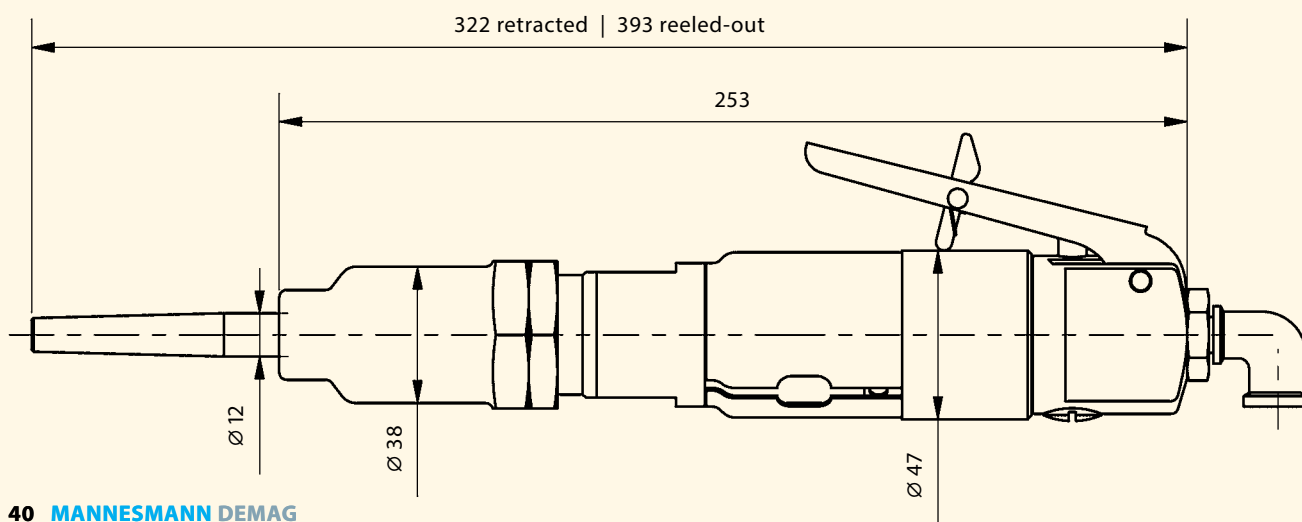
rammer standard or with low vibration

Important for safety inspectors:
the rammer is supplied with safety lever
according to DIN ISO 11148-4

Technical data

Type		S 2000	S 2000 V
Version		standard	vibration-damped
Article No.		60050-49-5	60052-46-5
Piston rod	round	●	●
Morse taper	MK	1	1
Hebelventilhaube		●	●
Number of blows	rpm	2 100	1 750
Air consumption	ℓ / sec	7.10	4.60
Piston diam.	mm	23	23
Piston stroke	mm	70	70
Length total	mm	322	322
Weight	kg	2.2	2.2
Hose I. D.	mm	10	10
Connection thread		G 1/4 " i	G 1/4 " i

Power at 6 bar operating pressure.



Rammers

The reliable

3.9 – 9.4 kg



Technical data

Type		S 5100 with safety lever valve short	S 5100 with safety lever valve long	S 5401 with safety lever valve short	S 5401 with safety lever valve long
Illustration		1	2	1	2
Article No.		35100-30-5	35100-40-5	35400-21-5	35400-31-5
Piston rod		Square	Square	Square	Square
Morse taper	MK	1	1	2	2
Lever valve hood		—	—	—	—
Lever valve short		●	—	●	—
Lever valve long		—	●	—	●
Number of blows	rpm	720	720	680	680
Air consumption	ℓ/sec	6.7	6.7	11.7	11.7
Piston diam.	mm	22.5	22.5	36.0	36.0
Piston stroke	mm	155	155	175	175
Length total	mm	700	1260	840	1 080
Weight	kg	4.7	5.5	8.8	9.4
Hose I. D.	mm	10	10	13	13
Connection		G 1/4" i	G 1/4" i	G 3/8" i	G 3/8" i
Rammer feet max.	kg	0,75	0,75	1,80	1,80

Power at 6 bar operating pressure.

Suitable ramming feet *see page 44*

Rammers

Lower hand arm vibration

Vibration level 7.8 m/s^2

New design!

- With the new rammer design the danger of hand-arm vibrations is effectively minimized
- MANNESMANN DEMAG Srammers are proven since decades
- New vibration dampening attached



S 5102 | S 5402

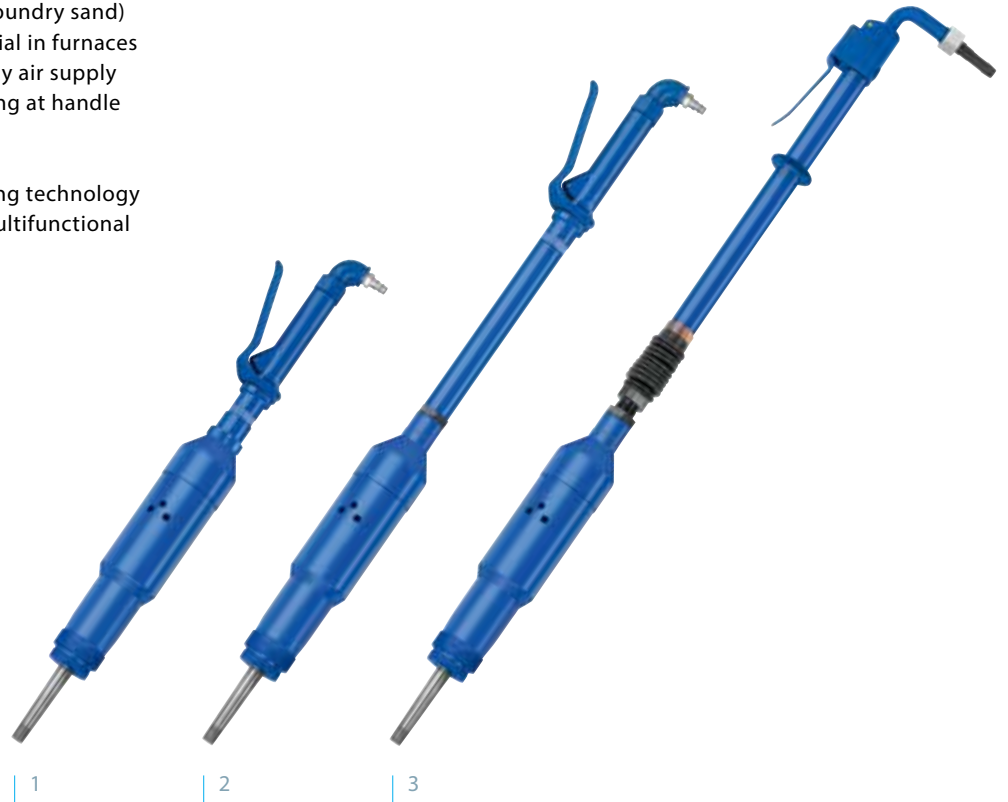
Technical data

Type		S 5102	S 5402
Article No.		60035-85-5	60035-71-5
Piston rod	square	●	●
Morse taper	MK	1	2
Lever valve		●	●
Number of blows	rpm	720	680
Air consumption	ℓ/sec	6,7	11,7
Length total	mm	1 170	1 300
Weight	kg	7,2	11,1
Hose I. D.	mm	10	10
Connection thread		G 1/4"	G 3/8" i
Vibration	m/s²	7,8	7,8
Exposure time	h	3,3	3,3
Sound	dB(A)	100	100

Power at 6 bar operating pressure.

Suitable ramming feet *see page 44*

- For ramming mold material (foundry sand)
- Compressing refractory material in furnaces
- Low vibration because of 2-way air supply
- Additional vibration dampening at handle for rammer 3
- Guided round piston
- Packing sleeve with new sealing technology
- Rotational air connection – multifunctional
- Powerful and robust
- For hard ongoing use
- Variable handle combinations



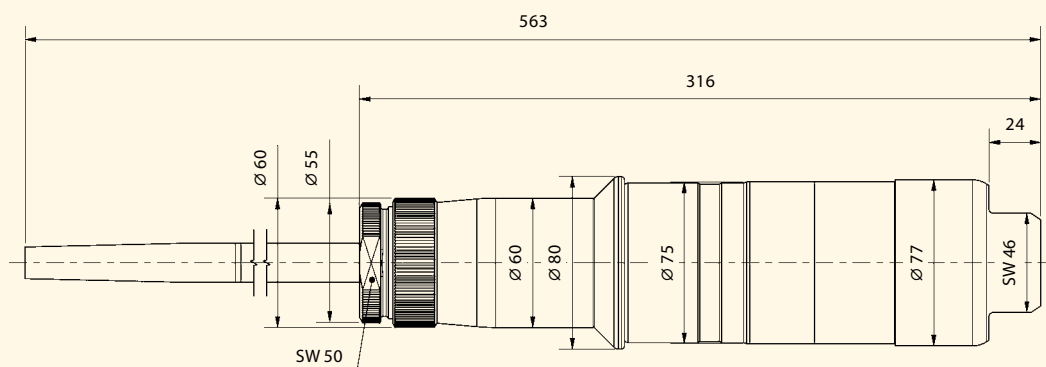
Technical data

Type		S 5500 HK	S 5500 HL	S 5500 VG
Version		lever valve short	lever valve long	with vibration handle
Illustration		1	2	3
Article No.		60052-53-5	60052-54-5	60052-55-5
Piston rod	round	●	●	●
Morse taper	MK	2	2	2
Number of blows	rpm	980	980	980
Impact energy	J	29	29	29
Air consumption	ℓ / sec	7	7	7
Piston diam.	mm	30	30	30
Piston stroke	mm	150	150	150
Length without handle and extension	mm	540	540	540
Length total	mm	680	930	1 040
Weight	kg	8.2	9.0	10.3
Hose I. D.	mm	13	13	13
Connection thread		G 3/8" i	G 3/8" i	G 3/8" i

Power at 4–4.5 bar working pressure.

The best ramming results are achieved at 4 to 4.5 bar depending on the ramming foot.

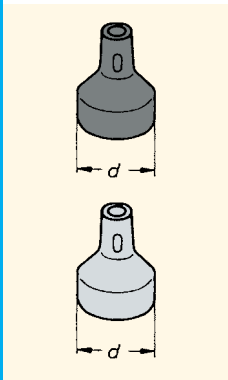
This is a result of the vibration dampening of the rammer.



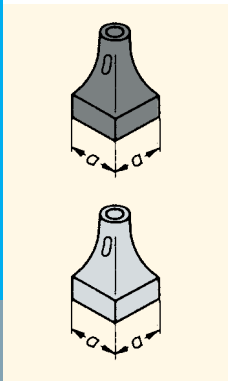
Percussive tools

Accessories

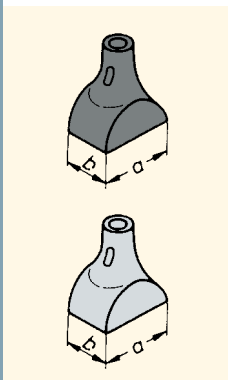
Ramming feet



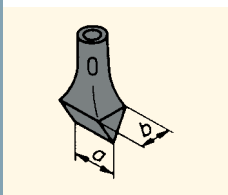
Design	Morsekegel MK	Dimension mm	Weight kg	Article No.
Round Solid rubber	1	∅ 40	0.36	39715-00-6
	1	∅ 50	0.56	39715-01-6
	1	∅ 60	0.60	39715-02-6
	1	∅ 75	0.70	39715-03-6
	2	∅ 40	0.30	39715-04-6
	2	∅ 60	0.57	39725-00-6
Round Steel	2	∅ 75	0.68	39725-01-6
	1	∅ 40	0.20	39710-02-3
	1	∅ 60	0.50	39710-03-3
	2	∅ 40	0.30	39710-04-3
	2	∅ 60	0.57	39710-05-3



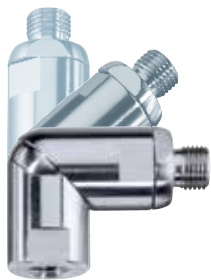
Square Solid rubber	1	80×80	0.60	39716-00-6
	2	80×80	0.70	39726-00-6
Square Steel	1	40×40	0.24	39711-01-3
	1	60×60	0.43	39711-02-3
	2	40×40	0.60	39711-03-3
	2	80×80	0.85	39711-05-3



Rectangle Solid rubber	1	50×25	0.45	39717-01-6
	1	75×25	0.50	39717-03-6
	1	75×45	0.53	39717-00-6
	2	75×25	0.50	39717-04-6
	2	75×45	0.53	39727-00-6
Rectangle Steel	1	60×20	0.25	39724-00-3
	2	60×60	0.75	39724-01-3
	2	75×50	0.78	39724-03-3
	teethed	2	80×33	0.75



Wedge Solid rubber	1	50×50	0.42	39718-00-6
	1	70×50	0.50	39718-01-6
	2	50×50	0.36	39728-00-6
	2	70×50	0.44	39728-01-6



Swivel joint



Claw coupling



Retainer spring



Rubber ring

Swivel joint for air tools

Cost effective: no hose bending

Ergonomy: wrist relieve

Effectiveness: connected directly to the tool, hose and tool are aligned optimally

Connection	Thread	Article No.
1/4 "	internal / external	60001-60-6
3/8 "	internal / external	60001-61-6
1/2 "	internal / external	60001-62-6
3/4 "	internal / external	60001-63-6

Claw couplings | DIN 3489

Connection	Thread	Article No. with rubber ring
3/4 "	internal	9361349
3/4 "	external	9361339

Bouncing ring

		Article No.
MD 630 / 680		60042-91-3
MD 620 / 660	RS 17,5 RS 20	100072-81-7
	S 19 x 50	100070-15-7

Stroke force regulation

	Article No.
1/4 "	39770-00-6

Lubricant ampules

	Article No.
1 bag = 50 pieces	09213030

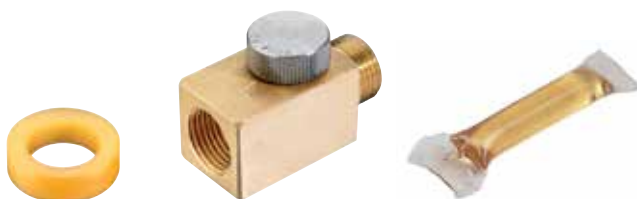
Chisel spring retainer | Rubber ring

For type	Retainer spring	Rubber ring
MD 070 / 072	60042-24-3	9319193
MD 071	60042-89-3	9319193
MD 080 / 084	60042-24-3	9319193
MD 110	60042-24-3	9319193
MD 120	60042-24-3	9319193
MD 180	60042-44-3	9319141
MD 210	60042-44-3	9319141
MD 222	60042-44-3	9319141
MD 223	60042-44-3	9319141
M 13	33756-01-6	9319038
M 23	33756-01-6	9319038
MD 130	33756-01-6	9319038
MD 230	33756-01-6	9319038

Retainer spring | Rubber ring for broad chisel

For chisel width min. 40 mm

For type	Retainer spring	Rubber ring
M 070 / 080	60042-40-3	9319193
M 13	33756-02-6	9319038
M 23	33756-02-6	9319038
MD 110	60042-40-3	9319193
MD 120	60042-40-3	9319193
MD 130	33756-02-6	9319038
MD 180	33756-02-6	9319038
MD 222 / 223 / 230	33756-02-6	9319038



Bouncing ring, Stroke force regulation, Lubricant ampule