

Bar magnets

in SmCo



Material, surface finish:

Housing in brass. Magnetic core SmCo

Sample order:

nIm 09067-01

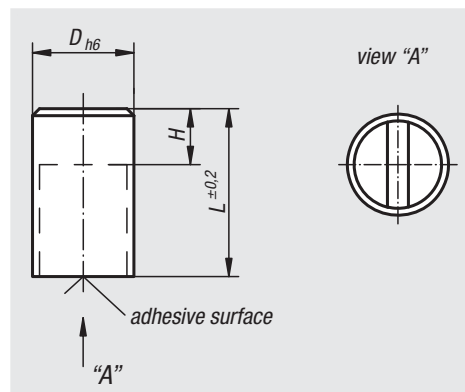
Note:

Smooth design, shielded system. Diameter „D“ ground with fitting tolerance h 6. Under no circumstances may SmCo grippers be pressed directly into iron, as otherwise loss of adhesive force occurs as a result of magnetic short circuits. SmCo gripper magnets are especially suitable for direct use in spot-welding machines, as no demagnetisation occurs.

Round bar grippers can be shortened by the dimension „H“ with no loss of adhesive force.

Temperature range:

max. 200°C.



Order No.	D	L	H	Adhesive force N	Distance to iron wall/mm	Approx. weight g
09067-01	6	20	10	8	1,5	4,5
09067-03	8	20	10	22	1,5	8
09067-05	10	20	8	40	2	12
09067-07	13	20	6	60	2,5	20
09067-09	16	20	2	125	3	30
09067-11	20	25	5	250	4	60
09067-13	25	35	7	400	5	134
09067-15	32	40	4,5	600	6	251

Round holding magnets with internal thread (bar magnets)

in NdFeB



Material, surface finish:

Housing in galvanized steel.

Magnetic core NdFeB

Sample order:

nIm 09068-01

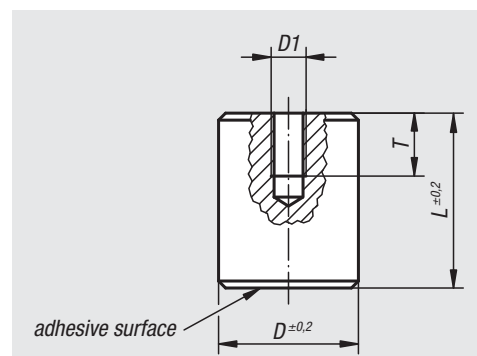
Note:

Shielded system. Bar grippers are used for fitting into steel and iron. This requirement is principally specified in plant and mechanical engineering. Can also be used as blind-hole magnets.

Size D 50: System having 4 magnets of Ø 18 mm.

Temperature range:

max. 80°C.



Order No.	D	D1	L	T	Can be shortened by	Adhesive force N	Approx. weight g
09068-01	8	M3	12	5	3	12	7
09068-02	10	M4	16	7	7	24	8
09068-03	13	M4	18	7	3	60	18
09068-04	16	M4	20	7	6	90	30
09068-05	20	M5	25	9	9	135	60
09068-06	25	M6	30	9	10	190	110
09068-07	35	M8	40	13	10	300	290
09068-08	50	M12	50	13	13	550	750