

Magnets shallow pot with countersink

SmCo



Material:

Housing steel.
Magnetic core SmCo (samarium cobalt).

Version:

Housing, electro zinc-plated.

Sample order:

nIm 09071-20-16

Note:

Shallow pot magnets, shielded system. Magnets with an SmCo core have three to five times the attracting force of AlNiCo or hard ferrite magnets.

Temperature range:

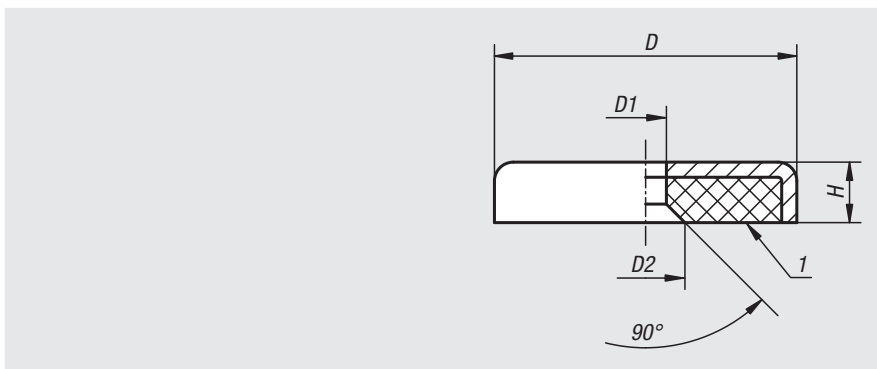
max. 280°C.

Assembly:

The magnets can be mounted by press-fit, screwing-in or gluing.

Drawing reference:

1) magnetic face



Order No.	D	D1	D2	H	Magnetic force N
09071-20-16	16 ±0,15	3,5	6,6	4,5	57
09071-20-20	20 ±0,15	4,5	9,3	6	81
09071-20-25	25 ±0,15	4,5	9,2	7	105
09071-20-32	32 ±0,2	5,5	11,5	7	235
09071-20-40	40 ±0,2	5,5	11,5	8	540

Magnets shallow pot with countersink

NdFeB



Material:

Housing, steel.
Magnetic core NdFeB (neodym).

Version:

Housing, electro zinc-plated.

Sample order:

nIm 09071-30-13

Note:

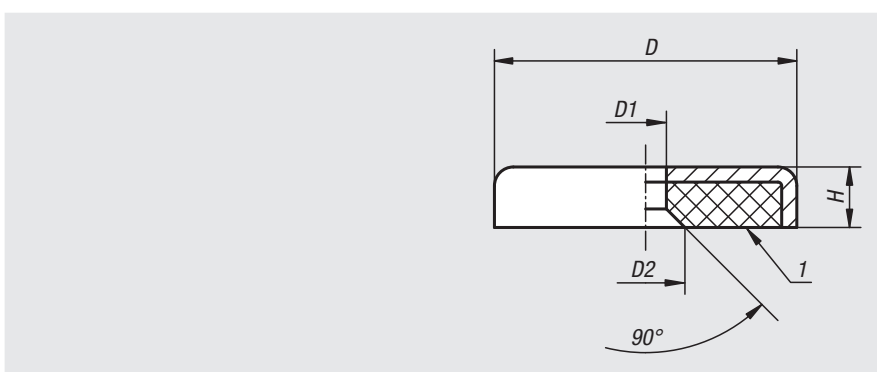
Shielded system. With the permanent magnetic material NdFeB the attractive force increases by ca. 10-20 % compared with SmCo.

Temperature range:

max. 80°C.

Drawing reference:

1) magnetic face



Order No.	D	D1	D2	H	Magnetic force N
09071-30-13	13	3,5	6,6	4,5	40
09071-30-16	16	3,5	6,6	4,5	75
09071-30-20	20	4,5	9	6	105
09071-30-25	25	4,5	9	7	160
09071-30-32	32	5,5	11	7	310
09071-30-40	40	5,5	10,6	8	500