

Magnets shallow pot with countersink

SmCo



Material:
Housing steel.
Magnetic core SmCo (samarium cobalt).

Version:
Housing, electro zinc-plated.

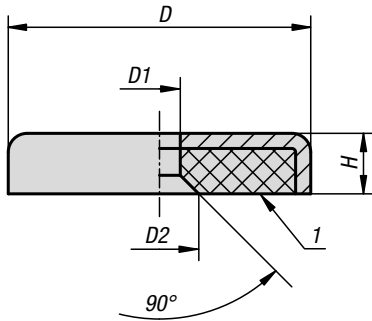
Sample order:
K1401.16

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



KIPP Magnets shallow pot with countersink, SmCo

Order No.	D	D1	D2	H	Magnetic force N
K1401.16	16 ±0,15	3,5	6,6	4,5	57
K1401.20	20 ±0,15	4,5	9,3	6	81
K1401.25	25 ±0,15	4,5	9,2	7	105
K1401.32	32 ±0,2	5,5	11,5	7	235
K1401.40	40 ±0,2	5,5	11,5	8	540

Magnets shallow pot with countersink

NdFeB



Material:
Housing, steel.
Magnetic core NdFeB (neodym).

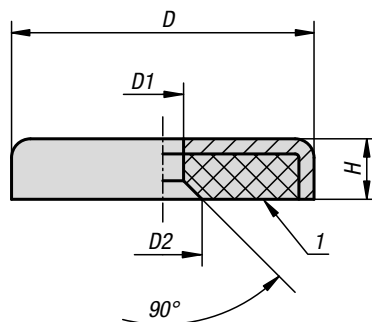
Version:
Housing, electro zinc-plated.

Sample order:
K1393.13

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



KIPP Magnets shallow pot with countersink, NdFeB

Order No.	D	D1	D2	H	Magnetic force N
K1393.13	13	3,5	6,6	4,5	40
K1393.16	16	3,5	6,6	4,5	75
K1393.20	20	4,5	9	6	105
K1393.25	25	4,5	9	7	160
K1393.32	32	5,5	11	7	310
K1393.40	40	5,5	10,6	8	500