

Permanent Magnets

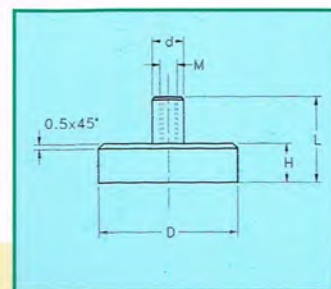
Magnetic Equipment



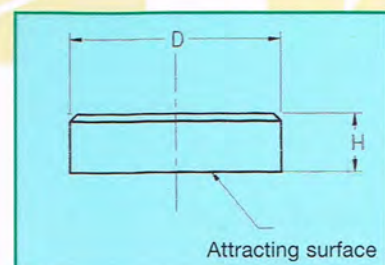
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STANDARD COMMERCIAL TYPES FROM STOCK

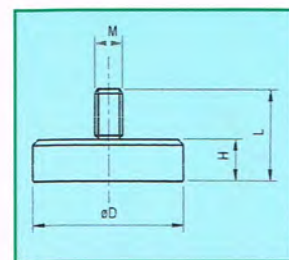
Dimensions [mm]					① Anisotropic NdFeB flat pot magnet with tapped bushing, galvanized		② Anisotropic hardferrite flat pot magnet with tapped bushing, galvanized	
D	H	L ①/②	d ①/②	M ①/②	Order N°	Holding force [N]	Order N°	Holding force [N]
6	4,5	11,5	6	3	ND 6 A	5	-	-
8	4,5	11,5	6	3	ND 8 A	13	-	-
10	4,5	11,5	6	3	ND 10 A	25	F 10 A	4
13	4,5	11,5	6	3	ND 13 A	60	F 13 A	10
16	4,5	11,5	6	4	ND 16 A	95	F 16 A	18
20	6	13	6	4/3	ND 20 A	140	F 20 A	30
25	7	14/15	8	4	ND 25 A	200	F 25 A	40
32	7	15,5/15	10/8	5/4	ND 32 A	350	F 32 A	80
36	7,7	16	8	4	-	-	F 36 A	100
40	8	16,5	8	4	-	-	F 40 A	125
40	8	18	10	5	-	-	F 40 A/1	125
47	9	17	8	4	-	-	F 47 A	180
50	10	18,5	8	4	-	-	F 50 A	220
50	10	22	12	6	-	-	F 50 A/1	220
57	10,5	18,5	8	4	-	-	F 57 A	280
63	14	30	15	8	-	-	F 63 A	350
80	18	34	20	12	-	-	F 80 A	600
100	22	43	22	12	-	-	F 100 A	900
Max. operation temperature					80 °C	200 °C	200 °C	80 °C



Dimensions [mm]		Anisotropic hardferrite flat pot magnet, galvanized		Anisotropic NdFeB flat pot magnet, galvanized	
D	H	Order N°	Holding force [N]	Order N°	Holding force [N]
6	4,5	-	-	ND6B	5
8	4,5	-	-	ND8B	13
10	4,5	F 10 B	4	ND10B	25
13	4,5	F 13 B	10	ND13B	60
16	4,5	F 16 B	18	ND16B	95
20	6	F 20 B	30	ND20B	140
25	7	F 25 B	40	ND25B	200
32	7	F 32 B	80	ND32B	350
36	7,7	F 36 B	100	-	-
40	8	F 40 B	125	-	-
47	9	F 47 B	160	-	-
50	10	F 50 B	220	-	-
57	10,5	F 57 B	250	-	-
63	14	F 63 B	350	-	-
80	18	F 80 B	600	-	-
100	22	F 100 B	900	-	-
Max. o. temp.		200 °C		80 °C	

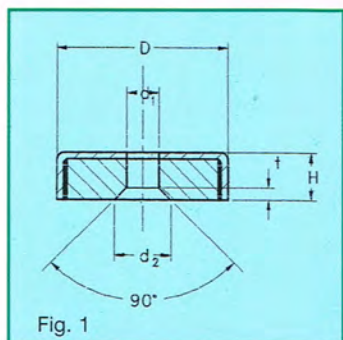


Dimensions [mm]				① Anisotropic hardferrite flat pot magnet with tapped bushing, galvanized		② Anisotropic NdFeB flat pot magnet with tapped bushing, galvanized	
D	H	L ①/②	M ①/②	Order N°	Holding force [N]	Order N°	Holding force [N]
10	45	11,5/12,5	3/4	F10AG	4	ND10AG	25
13	45	11,5/12,5	3/5	F13AG	10	ND13AG	60
16	45	11,5/12,5	3/6	F16AG	18	ND16AG	95
20	6	13/16	3/6	F20AG	30	ND20AG	140
25	7	15/17	4/6	F25AG	30	ND25AG	200
32	7	15/17	4/6	F32AG	80	ND32AG	350
Max. operation temperature				200 °C		80 °C	

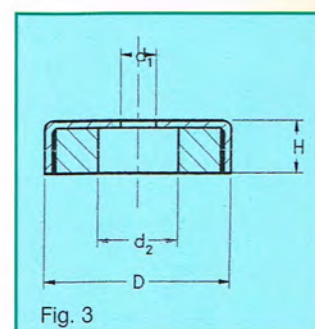
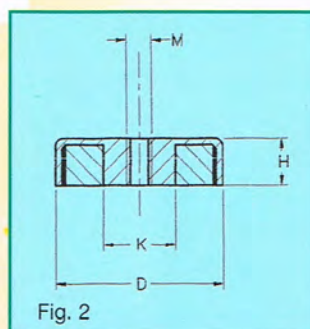


For bigger diameters or special threads please contact us. With a determined quantity ordered we are able to produce what you wish. Some other not mentioned dimensions are on stock or could be available within a short time; if you wish know more about it, just ask.

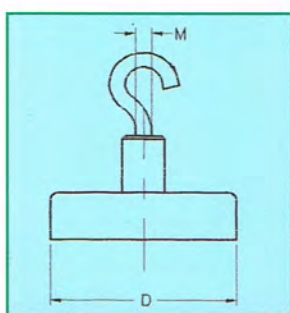
STANDARD COMMERCIAL TYPES FROM STOCK



Dimensions [mm]							Anisotropic hardferrite flat pot magnet with bore and counterbore, galvanized		Fig.
D	H	M	K	d ₁	d ₂	t	Order N°	Holding force [N]	
16	4,5	-	-	3,5	6,5	1,6	F 16 C	14	1
20	6	-	-	4,2	8,6	2,1	F 20 C	27	1
25	7	-	-	5,5	10,4	2,5	F 25 C	36	1
32	7	-	-	5,5	10,4	2,5	F 32 C	72	1
40	8	-	-	5,5	10,4	2,5	F 40 C	90	1
50	10,5	6	18	-	-	-	F 50 D	170	2
63	14	8	20	-	-	-	F 63 D	350	2
80	18	8	15	-	-	-	F 80 D	550	2
80	18	10	15	-	-	-	F 80 D/1	550	2
50	10,5	-	-	8,5	22	-	F 50 C	180	3
63	14	-	-	6,5	24	-	F 63 C	290	3
80	18	-	-	6,5	11,5	-	F 80 C	540	3
83	18	-	-	10,5	32	-	F 83 C	600	3
100	22	-	-	10,5	34	-	F 100 C	680	3
Max. operation temperature							200 °C		



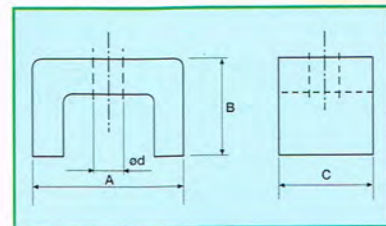
MAGNETS IN IRON POT STRUCTURE



<WDimensions [mm]		Anisotropic hardferrite flat pot magnet with hook, white coated	
D	Haken	Order N°	Holding force [N]
16	M3	DMG 16	18
20	M3	DMG 20	30
25	M4	DMG 25	40
32	M4	DMG 32	80
36	M4	DMG 36	100
40	M4	DMG 40	110
47	M4	DMG 47	180
50	M4	DMG 50	200
57	M4	DMG 57	280
63	M4	DMG 63	320
80	M6	DMG 80	600
Max. o. temp.		200 °C	

HORSE-SHOE TYPE

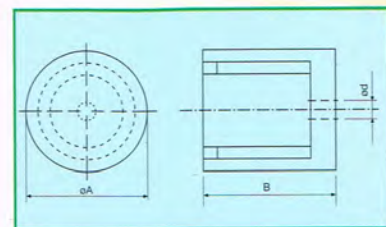
Item	Size in m/m				Attr. Force kg.
	A	B	C	ød	
11 - A	30	19	19	4	4,5
12 - B	38	25,4	25,4	4,7	9,2
13 - C	44,4	28,6	28,6	4,7	12
14 - D	57	35	44,5	2 ø 8	24
15 - E	69,9	41	7	2 ø 8	36
16 - F	79,6	54	82,5	2 ø 9,5	47
19 - G	22	7	14	4	=
20 - M	26	13	12		=
1265	24	20	100		
1259	24	20	150		
1785	24	20	200		
2080	32	25,5	150		



These magnets are 12 times more powerful than tungsten steel which is normally employed in the manufacturing of standar permanent magnets. Their possible applications range from relays, other uses such as hoisting devices, holding devices for heavy components, large sized plate separators, iron removing units etc.

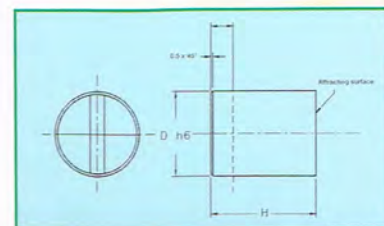
MAGNETS IN IRON POT STRUCTURE

Item	Size in m/m			Attr. Force kg.
	A	B	ød	
50	6	6	-	0,3
51	8	8	-	0,45
512	10	10	-	0,6
52	9,5	15	M3	0,8
522	12	17	M3	0,9
53	12,7	15,8	M4	1
54	17,5	15,8	M6	2,6
543	17	20	M4	3,2
55	20	24	-	5,2
56	20,6	19	M6	5,6
564	24	30	M6	6
57	27	25,4	M6	6,5
58	35	42	M6	12
59	35	30,1	M6	11
Max. operation temperature				450 °C



Magnets in iron pot structure are particularly suitable for holding and hoisting operations. These magnets are characterized by the absolute absence of leakage, no demagnetization problem, exceptional shock resistance and the possibility of being inserted in ferrous components without any magnetic damage.

Item	Size in m/m			Attr. Force kg.
	D	HB	A	
SG 6 ND	6	20	10	1
SG 8 ND	8	20	10	2,55
SG 10 ND	10	20	8	4,6
SG 13 ND	13	20	6	7,15
SG 16 ND	16	20	2	15,3
SG 20 ND	20	25	5	28,5
SG 25 ND	25	35	7	45,8
SG 32 ND	32	40	4,5	71,3
Max. operation temperature				100 °C



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POTS MAGNETIQUES POTMAGNETEN

Met permanente magneten in NDfeB REN 35
 Avec aimant permanent en NDfeB REN 35

Fixation : trou chanfreiné pour vis
 Bevestiging : afschuiningat voor schroef

Max. gebruikstemperatuur – température max. d'utilisation : 80 °

Art.-Nr.	(mm)					Gewicht Poids	Force de maintien Houdkracht
	D	H	d ₁	d ₂	h		
ND 16 C	16	4.5	3.5	6.6	3	6	75
ND 20 C	20	6	4.5	9	4	15	105
ND 25 C	25	7	4.5	9	4	25	160
ND 32 C	32	7	5.5	11	4	40	310
ND 40 C	40	8	5.5	10,6	4	75	500

