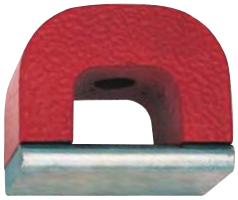
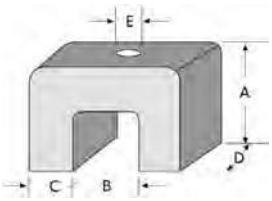
78605 High-power magnets

Type
Bridge-shaped magnet with high holding force and through-bore for fastening.
Use
For holding, lifting, positioning and built-in purposes.

Note:
Size 4 with 2 bores.

78605





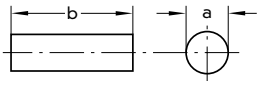
Size	A mm	B mm	C mm	D mm	E mm	Holding force N	Use temperature Magnet max. °C	Finish max. °C	78605	...
1	20,0	15,0	7,5	20,0	5,2	45	450	300	#	201
2	25,0	20,0	10,0	25,0	5,0	90	450	300		202
3	30,0	23,0	11,0	30,0	5,0	118	450	300	#	203
4	34,9	34,9	11,1	44,5	7,9	235	450	300		204

78606 Bar magnets

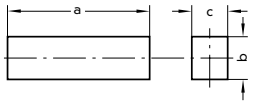
Type
Pack = 2 pcs.
Axially magnetised through the length. Cross section / Ø: untreated. Tolerances: Length +/- 0,1 mm, cross section round +0/-0,2 mm, cross section flat +/-0,2 mm.
Use
Bar magnets can be set up into any length by putting single magnets lengthwise together.

78606 201-208
Pairs.

78606 201-203



78606 204-208



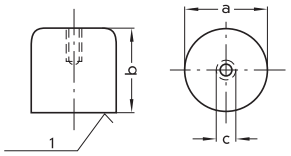
Size	Form	a mm	b mm	c mm	Holding force N	Use temperature Magnet max. °C	Finish max. °C	78606	...
11	Round	6	20	-	4	450	300		201
12	Round	8	24	-	7	450	300		202
13	Round	10	30	-	12	450	300	#	203
14	Flat	20	10	5	6	450	300		204
16	Flat	60	15	5	20	450	300		206
18	Flat	75	15	10	14	450	300	#	208

78607 Pot magnets

Type
Shielded with threaded hole M 6.
Use
Suitable for installation in equipment for holding, clamping, mounting, etc.

Note:
Diagram
1 = Adhesive surface.

78607



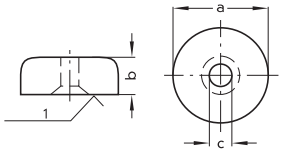
Size	a x b Ø x height mm	c	Holding force N	Use temperature Magnet max. °C	Finish max. °C	78607	...
21	17,5 x 16,0	M 6	26	450	300		101
22	20,6 x 19,0	M 6	40	450	300		102
23	27,0 x 25,0	M 6	61	450	300		103
24	35,0 x 30,0	M 6	147	450	300		104

78608 Flat pot magnets

Type
Shielded with through-bore and countersink on the holding surface
Use
For installation in devices with minimal space requirements, holding, etc.

Note:
Diagram
1 = Adhesive surface.

78608



Size	a x b Ø x height mm	c mm	Holding force N	Use temperature Magnet max. °C	Finish max. °C	78608	...
31	19,1 x 7,5	3,7	30	450	300		101
32	28,6 x 8,5	4,8	50	450	300		102
33	38,1 x 10,4	4,8	130	450	300		103

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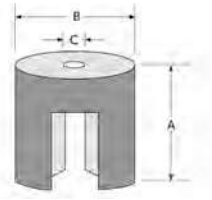
= partly extent in stock.

78611 Button magnets

Type
With split magnetic surface and through-bore.
Use
For holding and positioning.

78611

Size	A x B mm	C mm	Holding force N	Use temperature max. °C	Finish max. °C	78611	...
61	9,5 x 12,7	4,4	7	450	300	#	201
62	12,7 x 19,1	4,8	19	450	300		202
63	15,9 x 25,4	4,8	34	450	300	#	203



78613 Magnetic hook, rotating

Type
- This magnetic hook always faces in the desired direction; the hook can freely rotate 360 degrees.
- Particularly suited for mounting on the underside of a steel girder, so that the load force acts vertically downward.

Use
For fastening on a wall, the holding force depends on the smoothness of the surface.
Kitchen towels or light tools can be hung on the hook with no problems.

Note:
You cannot place two pot magnets one precisely on the other, because they have a strong repelling effect. The pot magnets can only be arranged laterally.

78613

Type	Holding force kg	Height mm	max. elongation with hook mm	Weight g	78613	...
FTNT-25	20	15	63	36		101

52002 Magnetic plate

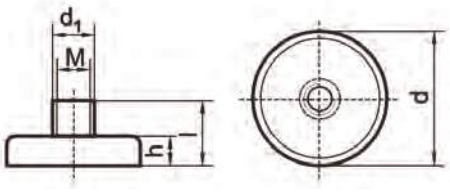
Type
Round, stainless steel Through the magnetic effect on both sides, the plate can be fastened on all iron surfaces, such as workshop trolley, tool walls, or lifting platforms. The magnetic surface is covered with rubber to protect the substrate.
Use
Universal implementation magnetic plate with strong magnets that securely hold small parts, such as screws or wheel bolts.

52002

Ø mm	52002	...
150		101

78620 Flat catching magnets material hard ferrite

Type
Material hard ferrite, surface galvanised, with threaded bushing.
Use
Universal implementation in tools, moulded parts, and as holding element.



78620

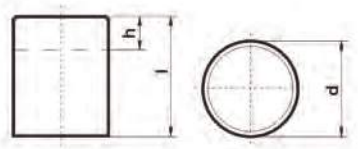
Ø d mm	h mm	Ø d_1 mm	l mm	Thread	Length mm	Weight approx. g	Holding force N	Use temperature to max. °C	Recommended use temperature °C	78620	...
10	4,5	6	11,5	M 3	5	3	4	200	100		201
13	4,5	6	11,5	M 3	5	5	10	200	100		202
16	4,5	6	11,5	M 3	5	6	18	200	100		203
20	6,0	6	13,0	M 3	5	11	30	200	100		204
25	7,0	8	15,0	M 4	6	22	40	200	100		205
32	7,0	8	15,0	M 4	6	32	80	200	100		206
40	8,0	10	18,0	M 5	8	60	125	200	100		208
50	10,0	12	22,0	M 6	10	110	220	200	100		210
63	14,0	15	30,0	M 8	14	240	350	200	100		212
80	18,0	20	34,0	M 10	14	520	600	200	100		213
100	22,0	22	43,0	M 12	20	940	900	200	100		214

78621 Bar catching magnets material AlNiCo 500

Type
With round AlNiCo magnetic core. Smooth. Surface galvanised, shielded system. Mounting options: pressing, shrinking, sticking.

Note:
The overall length l can be shortened by the dimension h.

78621



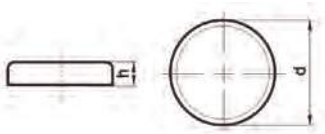
d h6 mm	l mm	h mm	Weight approx. g	Holding force N	Use temperature to °C	Fit tolerance	78621	...
6	10	2	2	1,7	220	h6		201
8	12	3	4	4,0	220	h6		202
10	16	6	9	8,5	220	h6		203
13	18	7	17	12,0	220	h6		204
16	20	5	29	20,0	220	h6	#	205
20	25	6	57	40,0	220	h6		206
25	30	5	110	80,0	220	h6	#	207

78622 Flat catching magnets material neodymium (NdFeb)

Type
Material neodymium (NdFeb), extremely high holding force, surface galvanised, without thread.

Use
Universal implementation in tools, moulded parts, and as holding element.

78622



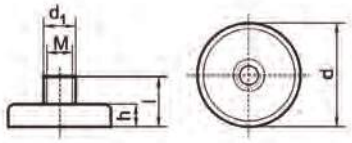
d mm	h mm	Weight approx. g	Holding force N	Use temperature to max. °C		78622	...
6	4,5	1,0	5	80			101
8	4,5	1,5	13	80			102
10	4,5	2,5	25	80			103
13	4,5	4,5	60	80			104
16	4,5	6,5	95	80			105
20	6,0	15,0	140	80			106
25	7,0	22,0	200	80			107
32	7,0	40,0	350	80			108

78623 Flat catching magnets material neodymium (NdFeb)

Type
Material neodymium (NdFeb), extremely high holding force, surface galvanised, with threaded bushing.

Use
Universal implementation in tools, moulded parts, and as holding element.

78623



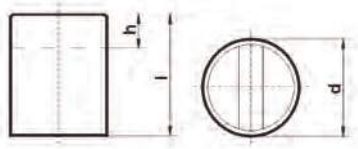
d mm	h mm	l mm	d_1 mm	Thread	Weight approx. g	Holding force N	Use temperature to max. °C	78623	...
6	4,5	11,5	6	M 3	1,5	5	80		101
8	4,5	11,5	6	M 3	2,0	13	80	#	102
10	4,5	11,5	6	M 3	3,0	25	80		103
13	4,5	11,5	6	M 3	5,0	60	80		104
16	4,5	11,5	6	M 4	7,5	95	80		105
20	6,0	13,0	8	M 4	16,0	140	80		106
25	7,0	14,0	8	M 4	25,0	200	80		107
32	7,0	15,5	10	M 5	48,0	350	80		108

78624 Bar catcher magnets material neodymium (NdFeB)

Type
Material neodymium (NdFeb), extremely high holding force. Smooth. Shielded through brass sheathing Mounting options: pressing, shrinking, sticking.

Note:
The overall length l can be shortened by the dimension h.

78624



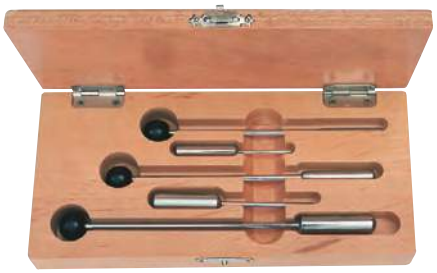
d h6 mm	l mm	h mm	Weight approx. g	Holding force N	Use temperature to max. °C	Fit tolerance	78624	...
6	20	10	4,5	10	80	h6		101
8	20	10	8,0	25	80	h6		102
10	20	8	12,5	45	80	h6		103
13	20	6	20,0	70	80	h6		104
16	20	2	32,0	150	80	h6		105
20	25	6	60,0	280	80	h6		106
25	35	7	135,0	450	80	h6		107
32	40	5	250,0	700	80	h6	#	108

78632 - 78633 Bar magnets

Use
For removing steel chips and mall metal parts from blind holes, tapped bores and other hard-to-reach places

78632
Type
Blind hole magnets with high stray effect.

78632



Set contents	Magnet Ø mm	Type	78632	...
5-piece	1,6-11,0	in wooden box	#	101

78633

single Magnet Ø x Length mm	78633	...
1,6 x 65	#	201
3,0 x 90	#	202
5,0 x 130		203

single Magnet Ø x Length mm	78633	...
8,0 x 150		204
11,0 x 180	#	205

19390 Magnetic Metal Chip Remover

Use
1 tool - 2 purposes:
1. Removing chips
2. Retrieving small parts.
In a rust-free round bar you move a magnet up and down. The strong magnet attracts the metal chips. Push the button and the chips fall off.

19390

Length mm	19390	...
400		101

78634 Telescopic magnetic lifter

78634

Holding force N	Length mm	Magnet Ø mm	Types	78634	...
6	575	6	with pocket clip		101

78635 Mini magnetic lifter

Type
Flexible model, for extracting small metal items, even out from smallest cracks.

78635

Holding force N	Length mm	Magnet Ø mm	78635	...
3	400	4		201

78637 Magnetic lifters

Type
With flexible shank and plastic haft.
Use
For extracting small metal and steel items such as split pins, screws, nuts, rings, bolts etc., even where there is minimum accessibility.

78637

Holding force N	Length mm	Magnet Ø mm	78637	...
10	460	9		101
18	520	12		102

78703 Flexible grippers

Type
With flexible shaft, chrome-plated.

Use
For inserting cotter pins, small pins, screws, and nuts at places that are difficult to access, and for grasping and retrieving fallen parts.

78703

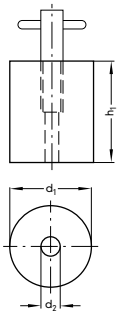
Length der flexible shaft mm	Claw opening max. mm	78703	...
465	15		101

78730 Permanent pot magnets

Type
With push-off spindle for simple removal. Nickel-plated protective plate.

Use
For holding and clamping even heavy workpieces, for enabling the customer to make rigid or flexible connections. Also for use as rigid clamps for large and heavy workpieces for welding and manufacturing work. For any special application.

78730



Size	d_1 mm	h_1 mm	d_2 mm	Holding force N	max. Use temperature Magnet °C	Finish °C	78730	...
73	70	64	M 8	880	450	300	#	203

78740 Permanent hoisting magnets

TÜV

Type
Compact design and low own weight. The permanent magnet does not require power, therefore no problems during power outage. A safety factor of 3,5 ensures safe use. Easily activated on/off switch with safety lock. **Delivery with factor certificate.**

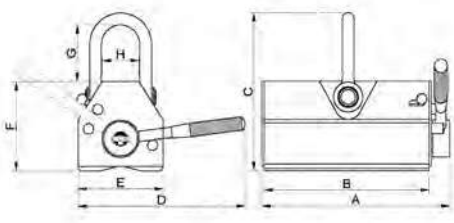
Use
Suitable for steel plates, blocks and rods, for casting and pressing moulds etc.

78740 101

78740 102

78740 103

78740 104



max. capacity flat kg	min. wall thickness flat mm	max. capacity round kg	max. Ø round mm	max. Length mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight kg	78740	...
100	15	45	150	1000	107	84	120	125	60	71	41	30	2,5		101
300	25	135	250	1500	180	155	156	185	90	93	51	41	8,6		102
600	30	270	350	2000	255	224	212	260	115	120	77	52	21,0		103
1000	40	450	450	2500	280	245	286	371	165	169	97	87	46,0	F	104

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= partly extent in stock.