Magnetic stud with threaded hole

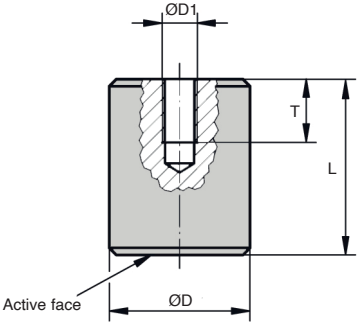
PLM

AlNiCo

- ***Solid magnet reinforced steel housing***
- *Shielded system*
- *These magnetic studs can be used for holding, lifting or assembly of components*
- *Max working temp +450°C*
- ***Material, finish:***
  Steel body, red lacquered finish
  Magnetic core AlNiCo







DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	ØD	ØD1	L	T	Attraction force (N)	Weight (g)	Stock*	Price each 1 to 5
PLM17-16/A	17	M6	16	4	18	26	✔	9,09 €
PLM21-19/A	21	M6	19	5	28	50	✔	9,66 €
PLM27-25/A	27	M6	25	6	65	110	✔	14,60 €
PLM35-30/A	35	M6	30	9	115	215	✔	26,49 €
PLM65-43/A	65	M12	43	13	400	1080	-	108,52 €

**Depending on availability - Dimensions in mm*

Magnetic stud with central hole

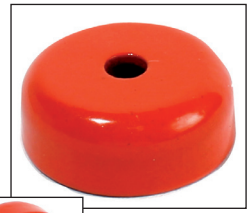
AlNico

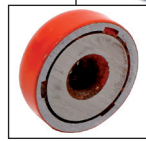
VAP

- **AlNiCo magnets with central through drilled mounting hole**
- Both faces are machine finished and have a strong attraction force in a reduced size
- Working temperature -50°C to +450°C
- Good shock resistance

For recessed mounting, following precautions should be observed

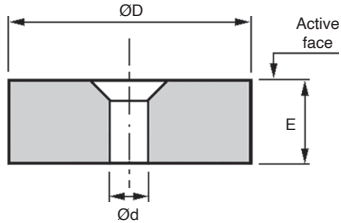
- in a non-ferrous support: none specified
- in a ferrous support: magnet should be isolated from the support by an air gap or non-ferrous material





Applications

- Suitable for fixing or positioning of components in reduced spaces and possibly subject to high temperatures
- Positioning of inserts in moulding machines...



DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	ØD	Ød	E	F (daN)	Weight (g)	Stock*	Price each 1 to 5
VAP19-8	19	3,5	8,0	3,0	18	✔	8,77 €
VAP28-9	29	5,0	9,0	5,0	46	✔	13,07 €
VAP38-11	38	5,0	10,5	9,5	97	-	19,35 €

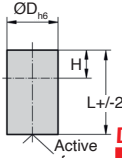
**Depending on availability - Dimensions in mm*

Cylindrical holding magnets

Stock

PLM — AlNiCo, calibrated external diameter

- ***Cylindrical gripping magnet***
- *Shielded system*
- *Can be fixed using a press, shrink fitting or adhesive*
- *Dimension "H" can be reduced without affecting adhesive force*
- *Max working temp : 450°C*
- ***Material, finish***
  Galvanised steel body, Magnetic core AlNiCo





DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

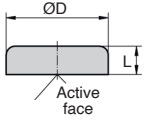
Part number	ØD	L	H	Attraction force (N)	Weight (g)	Stock*	Price each. 1 to 5
PLM6-10/C	6	10	2	1,5	2	✔	6,52 €
PLM8-12/C	8	12	3	3,5	4	✔	7,07 €
PLM10-16/C	10	16	6	7,0	9	-	7,55 €
PLM13-18/C	13	18	7	10,0	17	-	8,57 €
PLM16-20/C	16	20	5	18,0	29	-	10,89 €
PLM20-25/C	20	25	6	42,0	57	-	14,27 €
PLM25-30/C	25	30	5	96,0	110	-	25,12 €
PLM32-35/C	32	35	3	180,0	200	-	42,03 €
PLM40-45/C	40	45	5	240,0	420	-	94,39 €
PLM50-50/C	50	50	2	420,0	720	-	183,85 €

Flat gripping magnet

Stock

PLM — Hard ferrite core

- ***Flat magnet with no threaded core***
- *Shielded system*
- *These holding magnets can be force fitted or glued into positioning holes*
- *Max working temp : +200°C*
- ***Material, finish :***
  Galvanised steel body, Hard ferrite magnetic core





DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	ØD	L	Attraction force (N)	Weight (g)	Stock*	Price each. 1 to 5
PLM10-4/P	10$^{+0,15}$	4,5	4	2,0	✔	2,88 €
PLM13-4/P	13$^{+0,15}$	4,5	10	3,0	✔	3,16 €
PLM16-4/P	16$^{+0,15}$	4,5	18	4,5	-	3,80 €
PLM20-6/P	20$^{+0,15}$	6,0	30	10,0	✔	4,57 €
PLM25-7/P	25$^{+0,15}$	7,0	40	19,0	-	5,06 €
PLM32-7/P	32$^{+0,20}$	7,0	80	30,0	✔	5,48 €
PLM40-8/P	40$^{+0,20}$	8,0	125	55,0	-	7,41 €
PLM50-10/P	50$^{+0,20}$	10,0	220	100,0	-	9,38 €
PLM63-14/P	63$^{+0,20}$	14,0	350	230,0	-	16,43 €

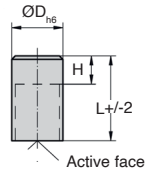
**Depending on availability - Dimensions in mm*

Cylindrical magnet

SmCo

PLM

- ***Smooth finish, shielded system***
- *Do not press fit directly into an iron support as a magnetic short circuit will reduce the adhesive force*
- *Suitable for use in spot welding machines.*
- *Dimension "H" can be reduced with no loss of adhesive force*
- *Max working temp : +200°C*
- ***Material, finish***
  Galvanised steel body,
  Magnetic core SmCo





DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

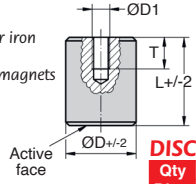
Part number	ØD	L	H	Attraction force (N)	Separation from iron support	Weight (g)	Stock*	Price each 1 to 5
PLM6-20/SC	6	20	10,0	8	1,5	4,5	✔	7,93 €
PLM8-20/SC	8	20	10,0	22	1,5	8,0	-	9,97 €
PLM10-20/SC	10	20	8,0	40	2,0	12,0	✔	12,23 €
PLM13-20/SC	13	20	6,0	60	2,5	20,0	-	16,27 €
PLM16-20/SC	16	20	2,0	125	3,0	30,0	-	22,11 €
PLM20-25/SC	20	25	5,0	250	4,0	60,0	-	35,38 €
PLM25-35/SC	25	35	7,0	400	5,0	134,0	-	79,71 €
PLM32-40/SC	32	40	4,5	600	6,0	251,0	-	145,41 €

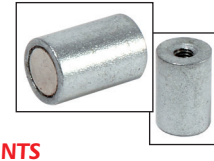
Threaded cylindrical magnet

NdFeB

PLM

- ***Shielded system***
- *Suitable for mounting in steel or iron supports*
- *Can also be used as blind-hole magnets*
- *Max working temp : +80°C*
- ***Material, finish***
  Galvanised steel body,
  Magnetic core NeFeB





DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	ØD	ØD1	L	T	Attraction force (N)	Weight (g)	Stock*	Price each. 1 to 5
PLM8-12/N	8	M3	12	5	12	7	✔	9,00 €
PLM10-16/N	10	M4	16	7	24	8	✔	10,31 €
PLM13-18/N	13	M4	18	7	60	18	✔	11,80 €
PLM16-20/N	16	M4	20	7	90	30	✔	12,53 €
PLM20-25/N	20	M5	25	9	135	60	-	21,70 €
PLM25-30/N	25	M6	30	9	190	110	-	46,30 €
PLM35-40/N	35	M8	40	13	300	290	-	80,15 €

**Depending on availability - Dimensions in mm*

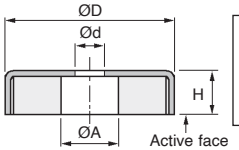
Magnetic stud with central hole

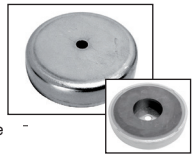
Stock

PLC

Ferrite

- ***Cup mounted Ferrite magnet with smooth bored hole***
- *Working temperature: -50°C to +100°C*
- *Good corrosion resistance*
- *Good mechanical resistance*





Uses

- *Mounting of objects where space is limited or mounting notice boards, protective covers etc*
- *Positioning of stops or inserts used in moulding machines*

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	ØD	H	Ød	ØA	F (daN)	Weight (g)	Stock*	Price each 1 to 5
PLC50-10	50	10	8,5	22,0	18	85	✔	11,30 €
PLC63-14	63	14	6,5	24,0	29	197	✔	20,15 €
PLC80-18	80	18	6,5	11,5	54	458	✔	39,10 €

**Depending on availability - Dimensions in mm*

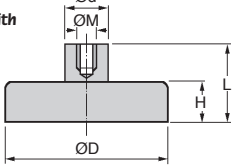
Magnetic stud with threaded hole

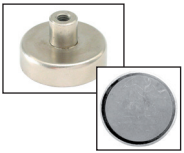
Stock

PLT

Ferrite

- ***Cup mounted Ferrite magnet with smooth bored hole***
- *Working temp.: -50°C to +100°C*
- *Good corrosion resistance*
- *Good mechanical resistance*





Uses

- *Mounting of protective casings, machine tools, cable supports*
- *Positioning of stops and inserts*
- *Holding components on inaccessible places or for transport*

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

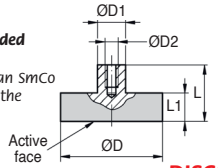
Part number	ØD	L	H	Ød	ØM	F (daN)	Weight (g)	Stock*	Price each 1 to 5
PLT25-15	25	15	7	8	M4	4,0	22	✔	6,72 €
PLT32-15	32	15	7	8	M4	8,0	32	✔	7,62 €
PLT40-18	40	18	8	10	M5	12,5	60	✔	10,21 €
PLT50-22	50	22	10	12	M6	22,0	110	✔	12,34 €
PLT63-30	63	30	14	15	M8	35,0	240	✔	23,12 €
PLT80-34	80	34	18	20	M10	60,0	520	✔	40,99 €
PLT100-42	100	42	22	22	M12	90,0	940	-	94,97 €

**Depending on availability - Dimensions in mm*

Flat magnet with threaded hole

SmCo — PLM

- ***Flat gripping magnet, shielded case***
- *Flat gripping magnets with an SmCo core have three to five times the adhesive force of AlNiCo or hard ferrite magnets*
- *Max working temp +200°C*
- ***Material, finish***
  Galvanised steel body, Magnetic core SmCo





DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

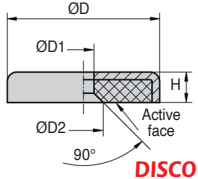
Part number	ØD	ØD1	ØD2	L	L1	Attraction force (N)	Stock*	Price each 1 to 5
PLM6-4-M3/SC	6±0,15	6	M3	11,5	4,5	5	✔	6,33 €
PLM8-4-M3/SC	8±0,15	6	M3	11,5	4,5	11	-	7,29 €
PLM10-4-M3/SC	10±0,15	6	M3	11,5	4,5	20	✔	10,21 €
PLM13-4-M3/SC	13±0,15	6	M3	11,5	4,5	40	-	12,08 €
PLM16-4-M4/SC	16±0,15	8	M4	11,5	4,5	60	-	15,59 €
PLM20-6-M4/SC	20±0,15	8	M4	13,0	6,0	90	✔	25,12 €
PLM25-7-M4/SC	25±0,15	8	M4	14,0	7,0	150	✔	38,26 €
PLM32-7-M5/SC	32±0,20	10	M5	15,5	7,0	220	-	55,90 €

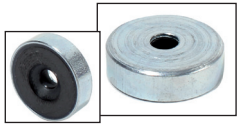
**Depending on availability - Dimensions in mm*

Flat with countersunk hole magnet

With milled bore — PLM

- ***Shielded system***
- *Maw working temp : +200°C*
- ***Material, finish***
  Galvanised steel body, Hard ferrite magnetic core





DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	ØD	ØD1	ØD2	H	Attraction force (N)	Weight (g)	Stock*	Price each 1 to 5
PLM16-4/F	16±0,15	3,3	7	4,5	14	4	✔	5,14 €
PLM20-6/F	20±0,15	4,2	9	6,0	27	9	✔	5,40 €
PLM25-7/F	25±0,15	5,5	11	7,0	36	17	✔	5,73 €
PLM32-7/F	32±0,20	5,5	11	7,0	72	27	✔	6,26 €
PLM40-8/F	40±0,20	5,5	11	8,0	90	52	✔	8,24 €

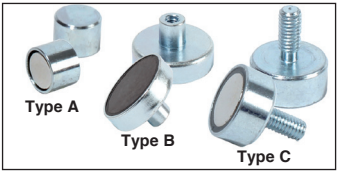
**Depending on availability - Dimensions in mm*

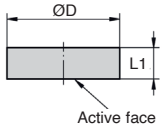
Flat magnet

PLA

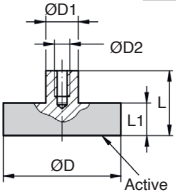
NdFeB

- ***Shielded system***
- NdFeB magnets offer 10-20% more attraction force than SmCo magnets
- Max working temp : +80°C
- ***Material, finish***
  Galvanised steel body,
  Magnetic core NeFeB

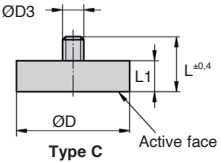




Type A



Type B



Type C

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	Type	ØD	ØD1	ØD2	ØD3	L	L1	Attraction force (N)	Weight (g)	Stock*	Price each 1 to 5
PLA6-4/A	A	6±0,15	-	-	-	-	4,5	5	1,0	✔	3,98 €
PLA8-4/A	A	8±0,15	-	-	-	-	4,5	13	1,5	✔	4,13 €
PLA10-4/A	A	10±0,15	-	-	-	-	4,5	25	2,5	✔	4,83 €
PLA13-4/A	A	13±0,15	-	-	-	-	4,5	60	4,5	✔	5,00 €
PLA16-4/A	A	16±0,15	-	-	-	-	4,5	95	6,5	-	5,96 €
PLA20-6/A	A	20±0,15	-	-	-	-	6,0	140	15,0	-	8,99 €
PLA25-7/A	A	25±0,15	-	-	-	-	7,0	200	22,0	-	13,48 €
PLA32-7/A	A	32±0,20	-	-	-	-	7,0	350	40,0	✔	21,18 €
PLA6-4/B	B	6±0,15	6	M3	-	11,5	4,5	5	1,5	-	5,00 €
PLA8-4/B	B	8±0,15	6	M3	-	11,5	4,5	13	2,0	✔	5,14 €
PLA10-4/B	B	10±0,15	6	M3	-	11,5	4,5	25	3,0	✔	5,91 €
PLA13-4/B	B	13±0,15	6	M3	-	11,5	4,5	60	5,0	✔	6,17 €
PLA16-4/B	B	16±0,15	6	M4	-	11,5	4,5	95	7,5	✔	7,20 €
PLA20-6/B	B	20±0,15	8	M4	-	13,0	6,0	140	16,0	✔	12,26 €
PLA25-7/B	B	25±0,15	8	M4	-	14,0	7,0	200	25,0	-	18,26 €
PLA32-7/B	B	32±0,20	10	M5	-	15,5	7,0	350	48,0	✔	24,67 €
PLA10-4/C	C	10±0,15	-	-	M3	11,5	4,5	25	3,0	✔	5,58 €
PLA13-4/C	C	13±0,15	-	-	M5	12,5	4,5	60	5,0	✔	6,17 €
PLA16-4/C	C	16±0,15	-	-	M6	12,5	4,5	95	8,0	✔	7,24 €
PLA20-6/C	C	20±0,15	-	-	M6	16,0	6,0	140	16,0	✔	12,31 €
PLA25-7/C	C	25±0,15	-	-	M6	17,0	7,0	200	25,0	✔	18,26 €
PLA32-7/C	C	32±0,20	-	-	M6	17,0	7,0	350	48,0	✔	25,16 €

** Depending on availability - Dimensions in mm*