# Magnetic stud with threaded hole

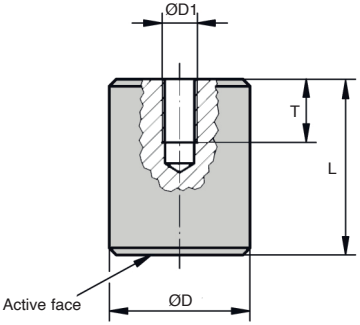
## PLM

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

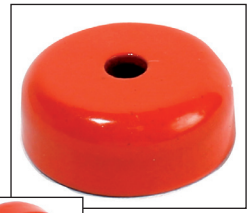
## AlNico

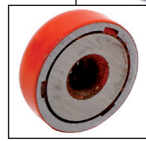
## VAP

- **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***

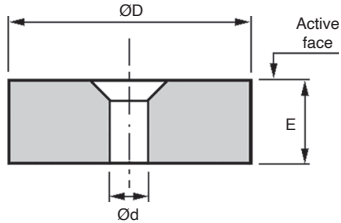
- in a non-ferrous support: none specified
- in a ferrous support: magnet should be isolated from the support by an air gap or non-ferrous material





## 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 € |

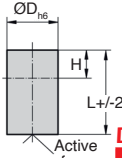
**Depending on availability - Dimensions in mm*

# 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 |

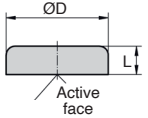
| Part number | ØD | L | H | Attraction force (N) | Weight (g) | Stock* | Price each. 1 to 5 |
|---|---|---|---|---|---|---|---|
| PLM6-10/C | 6 | 10 | 2 | 1,5 | 2 | ✔ | 6,52 € |
| PLM8-12/C | 8 | 12 | 3 | 3,5 | 4 | ✔ | 7,07 € |
| PLM10-16/C | 10 | 16 | 6 | 7,0 | 9 | - | 7,55 € |
| PLM13-18/C | 13 | 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 € |

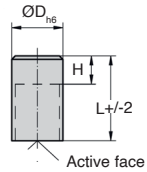
**Depending on availability - Dimensions in mm*

# 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 |

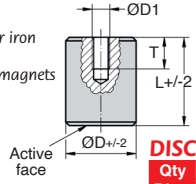
| Part number | ØD | L | H | Attraction force (N) | Separation from iron support | Weight (g) | Stock* | Price each 1 to 5 |
|---|---|---|---|---|---|---|---|---|
| PLM6-20/SC | 6 | 20 | 10,0 | 8 | 1,5 | 4,5 | ✔ | 7,93 € |
| PLM8-20/SC | 8 | 20 | 10,0 | 22 | 1,5 | 8,0 | - | 9,97 € |
| PLM10-20/SC | 10 | 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 € |

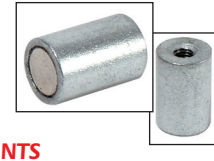
# Threaded cylindrical magnet

## 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*

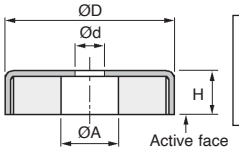
# Magnetic stud with central hole

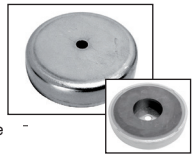
Stock

## 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*

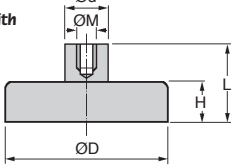
# Magnetic stud with threaded hole

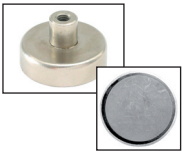
Stock

## 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 |

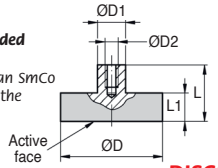
| Part number | ØD | L | H | Ød | ØM | F (daN) | Weight (g) | Stock* | Price each 1 to 5 |
|---|---|---|---|---|---|---|---|---|---|
| PLT25-15 | 25 | 15 | 7 | 8 | M4 | 4,0 | 22 | ✔ | 6,72 € |
| PLT32-15 | 32 | 15 | 7 | 8 | M4 | 8,0 | 32 | ✔ | 7,62 € |
| PLT40-18 | 40 | 18 | 8 | 10 | M5 | 12,5 | 60 | ✔ | 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 |

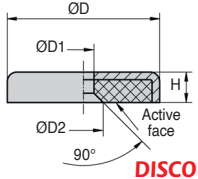
| Part number | ØD | ØD1 | ØD2 | L | L1 | Attraction force (N) | Stock* | Price each 1 to 5 |
|---|---|---|---|---|---|---|---|---|
| PLM6-4-M3/SC | 6±0,15 | 6 | M3 | 11,5 | 4,5 | 5 | ✔ | 6,33 € |
| PLM8-4-M3/SC | 8±0,15 | 6 | M3 | 11,5 | 4,5 | 11 | - | 7,29 € |
| PLM10-4-M3/SC | 10±0,15 | 6 | M3 | 11,5 | 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 € |

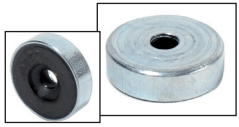
**Depending on availability - Dimensions in mm*

# 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 € |

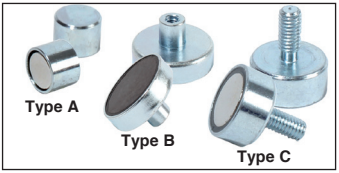
**Depending on availability - Dimensions in mm*

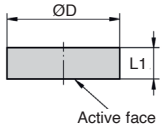
# Flat magnet

## PLA

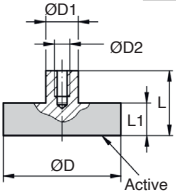
## NdFeB

- ***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

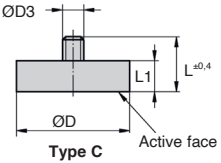



Type A




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*