

## Ferrite pot magnets

Arelec Solution pot magnets have a high specific force and take up very little space. They are highly attractive from a distance, and their large diameter gives them good rocking stability. They are mainly used in high-temperature environments for handling, tooling, fixing, display, advertising, etc.



*Ferrite pot magnets VM-A*



*Ferrite pot magnets VM-D*



*Ferrite pot magnets VM-L*



*Ferrite pot magnets VM-LZ*



*Ferrite pot magnets VM-AG*

The Arelec Solution pot magnets consists of a ferrite magnet housed in an anti-corrosion treated mild steel bell. This steel bell serves both as mechanical protection and as an external polar mass. These pot magnets can be fixed by gluing, press-fitting, screwing or overmoulding. There are five types of sintered Ferrite pot magnets (VM-A, VM-D, VM-L, VM-LZ, VM-AG). There are also other models (Samarium-Cobalt and Neodymium Iron Boron) with a wide range of diameters and magnetic strengths.

| Model | Dimensions (mm) | Thread | Typical load-bearing capacity (kg) | Reference       | Quantity per smallest packaging |
|-------|-----------------|--------|------------------------------------|-----------------|---------------------------------|
| VM-A  | Diam 13 x 11.5  | M3     | 1,2                                | <b>0351013</b>  | 50                              |
|       | Diam 16 x 11.5  | M3     | 2                                  | <b>0351070</b>  | 50                              |
|       | Diam 20 x 13    | M3     | 3                                  | <b>0351020</b>  | 50                              |
|       | Diam 25 x 15    | M4     | 6,1                                | <b>0351026</b>  | 50                              |
|       | Diam 32 x 15    | M4     | 8                                  | <b>0351032</b>  | 50                              |
|       | Diam 40 x 18    | M5     | 20                                 | <b>0351040</b>  | 50                              |
|       | Diam 50 x 22    | M6     | 23                                 | <b>0351050</b>  | 50                              |
|       | Diam 63 x 30    | M8     | 45                                 | <b>0351063</b>  | 50                              |
|       | Diam 80 x 34    | M10    | 66                                 | <b>0351080</b>  | 50                              |
|       | Diam 80 x 34    | M10    | 66                                 | <b>0351280*</b> | 50                              |

\*White zinc coating

## POT MAGNETS - SINTERED FERRITE

| Model | Dimensions (mm) | Typical load-bearing capacity (kg) | Reference      | Quantity per smallest packaging |
|-------|-----------------|------------------------------------|----------------|---------------------------------|
| VM-D  | Diam 20 x 6     | 3                                  | <b>0351021</b> | 50                              |
|       | Diam 25 x 7     | 6,1                                | <b>0351027</b> | 50                              |
|       | Diam 32 x 7     | 8                                  | <b>0351035</b> | 50                              |
|       | Diam 40 x 8     | 20                                 | <b>0351042</b> | 50                              |
|       | Diam 50 x 10    | 23                                 | <b>0351051</b> | 50                              |
|       | Diam 63 x 14    | 45                                 | <b>0351064</b> | 50                              |

| Model     | Dimensions (mm) | Typical load-bearing capacity (kg) | Reference      | Quantity per smallest packaging |
|-----------|-----------------|------------------------------------|----------------|---------------------------------|
| VM-L      | Diam 16 x 4.5   | 2                                  | <b>0351072</b> | 50                              |
|           | Diam 20 x 6     | 3                                  | <b>0351022</b> | 50                              |
|           | Diam 25 x 7     | 6,1                                | <b>0351025</b> | 50                              |
|           | Diam 32 x 7     | 8                                  | <b>0351036</b> | 50                              |
|           | Diam 40 x 8     | 10                                 | <b>0351043</b> | 50                              |
| VM-L INOX | Diam 40 x 8     | 10                                 | <b>0351045</b> | 50                              |

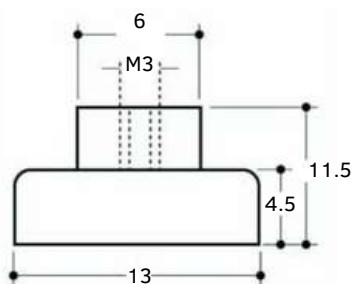
| Model | Dimensions (mm) | Thread | Typical load-bearing capacity (kg) | Reference      | Quantity per smallest packaging |
|-------|-----------------|--------|------------------------------------|----------------|---------------------------------|
| VM-LZ | Diam 50 x 10    | M6     | 23                                 | <b>0351056</b> | 50                              |

| Model | Dimensions (mm) | Thread | Typical load-bearing capacity (kg) | Reference      | Quantity per smallest packaging |
|-------|-----------------|--------|------------------------------------|----------------|---------------------------------|
| VM-AG | Diam 16 x 11.5  | M3     | 2                                  | <b>0351073</b> | 50                              |
|       | Diam 32 x 15    | M4     | 8                                  | <b>0351037</b> | 50                              |

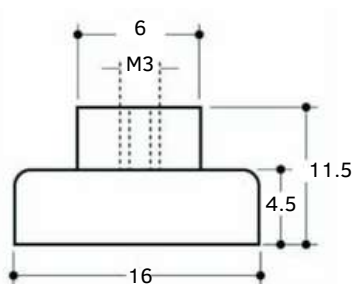
## POT MAGNETS - SINTERED FERRITE

### VM-A

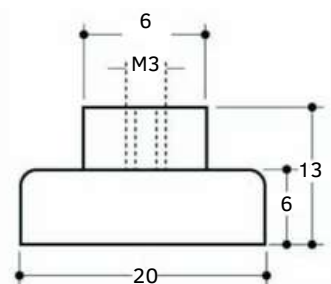
VM-A: Réf 0351013



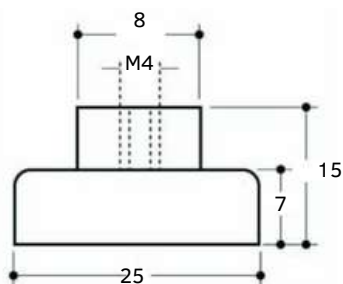
VM-A: Réf 0351070



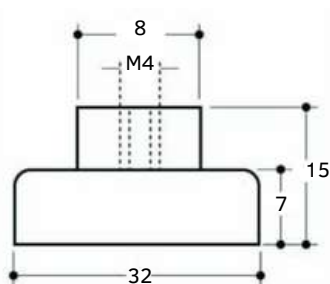
VM-A: Réf 0351020



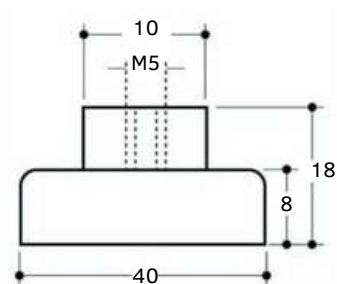
VM-A: Réf 0351026



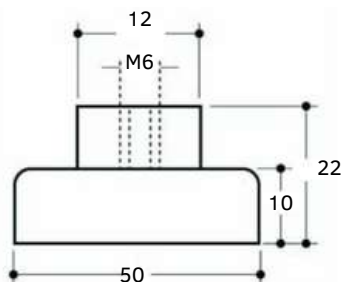
VM-A: Réf 0351032



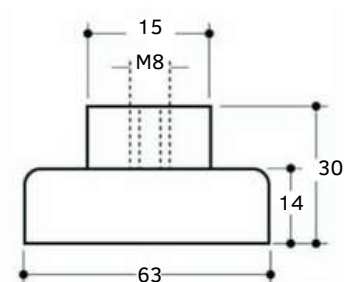
VM-A: Réf 0351040



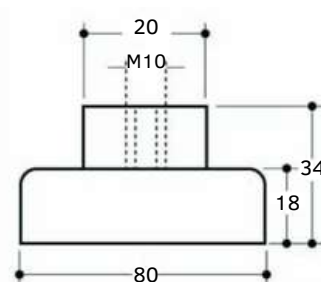
VM-A: Réf 0351050



VM-A: Réf 0351063



VM-A: Réf 0351080 / 0351280

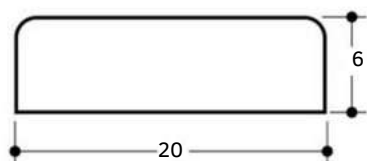


## POT MAGNETS - SINTERED FERRITE

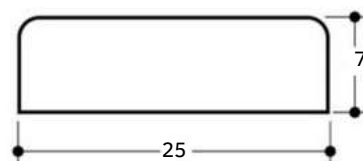
### VM-D



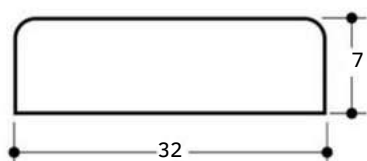
VM-D: Réf 0351021



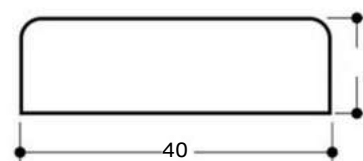
VM-D: Réf 0351027



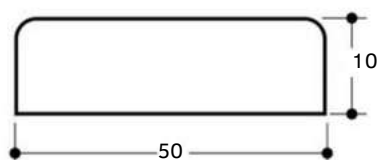
VM-D: Réf 0351035



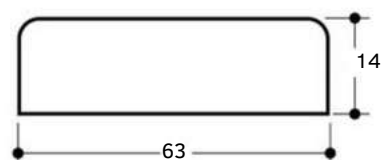
VM-D: Réf 0351042



VM-D: Réf 0351051

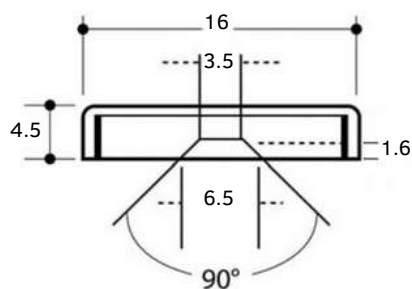


VM-D: Réf 0351064

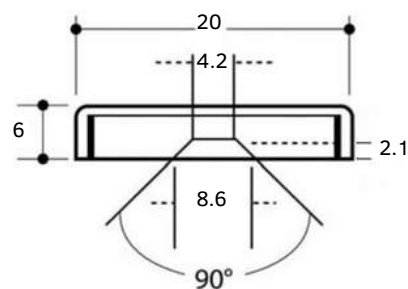


## POT MAGNETS - SINTERED FERRITE VM-L / VM-LZ / VM-AG

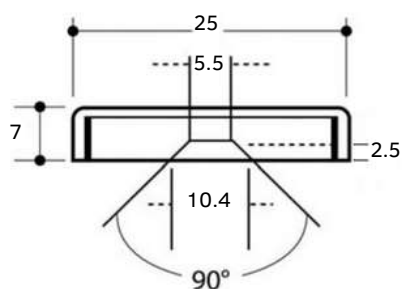
VM-L: Réf 0351072



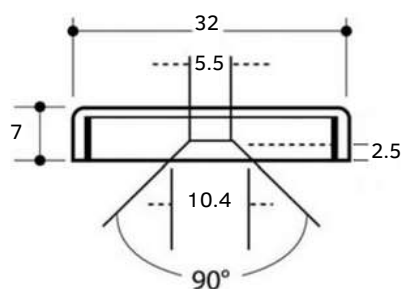
VM-L: Réf 0351022



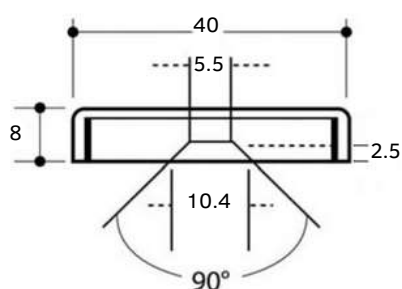
VM-L: Réf 0351025



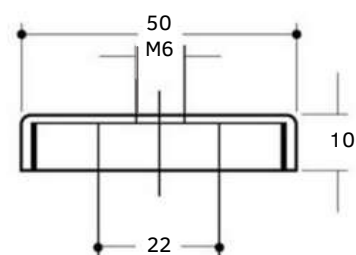
VM-L: Réf 0351036



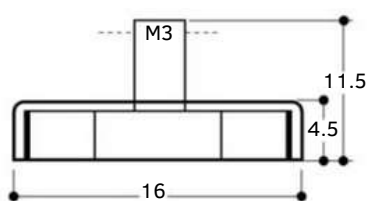
VM-L: Réf 0351043 et 0351045



VM-LZ: Réf 0351056



VM-AG: Réf 0351073



VM-AG: Réf 0351037

