



#### CYLINDRICAL MAGNETS

A range of one piece magnets cylindrical in shape with the two poles at opposite ends.

| Stock<br>Code | Model<br>No. | <b>▼</b> mm | O I → M mm                    |         | Weight<br>per pair<br>kg |  |  |  |
|---------------|--------------|-------------|-------------------------------|---------|--------------------------|--|--|--|
| AH01690       | PTS805       | 20          | 6                             | 5 pairs | 0.02                     |  |  |  |
| AH01691       | PTS806       | 25          | 8                             | 5 pairs | 0.04                     |  |  |  |
| AH01692       | PTS807       | 30          | 10                            | 5 pairs | 0.04                     |  |  |  |
| Material: A   | Alcomax I    | II Su       | Supplied in pairs. No keepers |         |                          |  |  |  |



### **BUTTON MAGNETS**

A cylindrical magnet of the "horseshoe" type. Both poles are at one end of the cylinder, separated by a groove.

These magnets are primarily for attracting applications. Supplied with a plain fixing hole.



| Stock       | Model  |      |   | 16  | D-   |             |      | Weight   | Pull       |
|-------------|--------|------|---|-----|------|-------------|------|----------|------------|
| Code        | No.    |      |   | 1   | 7    |             | Pack | per pair | kg         |
|             |        | mm   | mm                                      | mm  | mm   | mm          |      | kg       | <b>^</b> 9 |
| AH01701     | PTS821 | 12.5 | 9.5                                     | 4   | 7.2  | 4.5         | 10   | 0.006    | 0.7        |
| AH01702     | PTS822 | 19.1 | 12.7                                    | 5.6 | 8.7  | 4.8         | 10   | 0.02     | 1.9        |
| AH01703     | PTS823 | 25.4 | 15.9                                    | 5.6 | 8.7  | 4.8         | 10   | 0.05     | 3.4        |
| AH01704     | PTS824 | 31.8 | 25.9                                    | 8   | 12.7 | <i>7</i> .1 | 5    | 0.113    | 4.8        |
| AH01705     | PTS825 | 22.2 | 19.05                                   | 6.4 |      | 4.8         | 10   |          | 35         |
| Material: A | Alnico |      | Supplied with keepers, Max. temp: 550°C |     |      |             |      |          |            |

## SHALLOW POT MAGNETS

Designed for applications where height is too restricted for conventional deep pot magnets.



| Stock<br>Code  | Model<br>No. |      | Ī    | I soci |     | Unit of<br>Pack | Weight<br>each<br>kg | Pull<br>kg |  |
|--|--------------|------|------|--------|-----|-----------------|----------------------|------------|--|
|  |              | mm   | mm   | mm     | mm  |                 | ŭ                    | Ŭ          |  |
| AH01706  | PTS826       | 19.1 | 7.75 | 3.7    | 6.7 | 10              | 0.013                | 3.4        |  |
| AH01707  | PTS827       | 28.6 | 8.7  | 4.8    | 8.6 | 10              | 0.036                | 5.0        |  |
| AH01708  | PTS828       | 38.1 | 10.6 | 4.8    | 8.6 | 5               | 0.08                 | 13.0       |  |
| Material: Magnet-Alcomax III; Pot-mid steel. keeper with each magnet. North polarityin centre. |              |      |      |        |     |                 |                      |            |  |

### **RECTANGULAR BAR MAGNETS**

| Stock<br>Code  | Model<br>No. | Mm mm   | □<br>mm   | □ ¥      | Unit of<br>Pack | Weight<br>per pair<br>ka |  |  |  |
|--|--------------|---------|-----------|----------|-----------------|--------------------------|--|--|--|
| AH01715  | PTS821       | 50      | 15        | 10       | 5 pairs         | 0.15                     |  |  |  |
| AH01716  | PTS822       | 75      | 15        | 10       | 5 pairs         | 0.21                     |  |  |  |
| Material: A  | Inico        | Supplie | ed in pai | rs betwe | en two ke       | epers                    |  |  |  |
| AH01717  | PTS844       | 20      | 10        | 5        | 5 pairs         | 0.08                     |  |  |  |
| AH01718  | PTS845       | 40      | 12.5      | 5        | 5 pairs         | 0.04                     |  |  |  |
| AH01719  | PTS846       | 60      | 15        | 5        | 5 pairs         | 0.06                     |  |  |  |
| Material: Alcomax III Supplied in pairs. No keepers  North polarity is indicated by a dimple |              |         |           |          |                 |                          |  |  |  |



AH01715

### **POCKET MAGNETS**

A conventional one piece horseshoe magnet with both poles in the same plane A strong, handy, permanent magnet with many uses.



AH01689

| Stock<br>Code    | Model<br>No. |      | nm mm | , mm          |       | Unit of<br>Pack | Weight<br>each<br>kg | Pull<br>kg |
|------------------|--------------|------|-------|---------------|-------|-----------------|----------------------|------------|
| AH01688          | PTS802       | 22.2 | 25.4  | 7.9           | 6.4   | 10              | 0.03                 | 2.4        |
| AH01689          | PTS803       | 27.0 | 35.0  | 15.9          | 7.9   | 10              | 0.09                 | 4.0        |
| Material: Alnico |              |      | Supp  | lied with kee | epers |                 |                      |            |

#### **POWER MAGNETS**

A square horseshoe magnet characterised by their powerful attracting abilities. Supplied with plain fixing holes for simplicity of jib manufactuer e.g. painting jigs.

| Stock<br>Code  | Model<br>No. | mm |    | mm | mm      | mm mm | Unit of<br>Pack | Weight<br>each<br>kg | Pull<br>kg |
|--|--------------|----|----|----|---------|-------|-----------------|----------------------|------------|
| AH0169   | 3 PTS811     | 30 | 20 | 20 | 15      | 4     | 5               | 0.06                 | 4.5        |
| AH0169   | 4 PTS812     | 40 | 25 | 25 | 20      | 5     | 5               | 0.12                 | 9.0        |
| AH0169   | 5 PTS813     | 45 | 30 | 30 | 23      | 5     | 5               | 0.18                 | 11.8       |
| Material: Alcomax II Supplied with keepers. Max. temp: 5 |              |    |    |    | mp: 550 | °C    |                 |                      |            |



Model



|      |      |      |       |         |                 | AHO            | 1696 |
|------|------|------|-------|---------|-----------------|----------------|------|
|      |      |      |       | Ü       | Unit of<br>Pack | Weight<br>each | Pull |
| mm   | mm   | mm   | mm    | mm      |                 |                | kg   |
| 57   | 35   | 44.5 | 27.8  | 2 x 7.9 | 1               | 0.37           | 23.5 |
| 70   | 41.3 | 57.2 | 34.1  | 2 x 7.9 | 1               | 0.71           | 37   |
| 79.4 | 54   | 82.6 | 38.1  | 2 x 9.5 | 1               | 1.45           | 47   |
| 60   | 40   | 62   | 31.75 |         | 1               |                | 35   |
| 79   | 54   | 86   | 47.6  |         | 1               |                | 45   |
|      |      |      |       |         |                 |                |      |

## **POT MAGNETS**

Material: Alcomax III

AH01696 PTS821 AH01697 PTS822 AH01698 PTS823 AH01699 PTS824 AH01700 PTS825

Stock

A deep cylindrical permanent magnet assembled concentrically in a sttel pot. These magnets are primarily for gripping applications.



Supplied with keepers. Max. temp: 550°C

|         |        |               |      |       |                | 1    |            |       |
|---------|--------|---------------|------|-------|----------------|------|------------|-------|
| Stock   | Model  |               |      |       | <b>m</b> *     |      | Weight     | Pull  |
| Code    | No.    |               | mm   | Stand | ard American   | Pack | each<br>kg | kg    |
| AH01709 | PTS829 | 9.2           | 15.1 |       |                | 10   |            | 1.0   |
| AH01710 | PTS830 | 12. <i>7</i>  | 15.9 |       |                | 10   |            | 2.0   |
| AH01711 | PTS831 | 1 <i>7</i> .5 | 16   |       |                | 10   | 0.023      | 2.75  |
| AH01712 | PTS832 | 20.5          | 19   |       | Specify UNF    | 10   | 0.04       | 4.0   |
| AH01713 | PTS833 | 27            | 25   | M6    | after Cat. No. | 5    | 0.085      | 6.4   |
| AH01714 | PTS834 | 35            | 30   |       |                | 5    | 0.184      | 14.75 |

AH01714 PTS834 35 30 Material: Magnet Alcomax IV; Pot-mid steel Pot-mid steel; Spacer-aluminium keeper with each magnet. North polarity in centre. (Max. temp: 220°C).

**PROTOOLS** 

# ALLINTON ENGINEERING & TRADING PTE LTD

331 Jalan Besar Singapore 208983 122

T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg