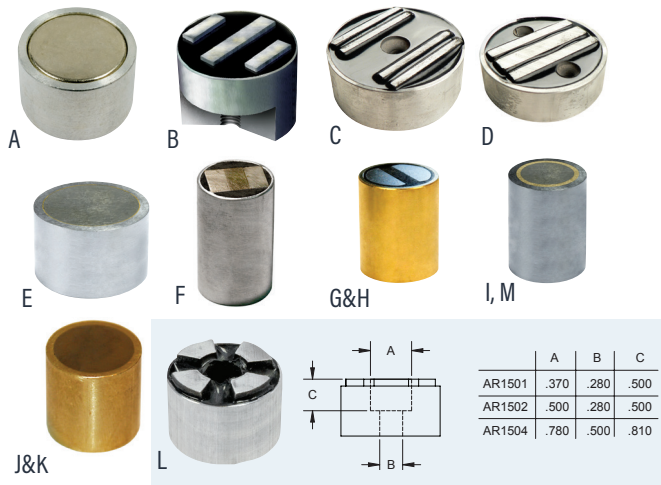


CYLINDRICAL FIXTURE MAGNET ASSEMBLIES



| | Hold - lbs (kg) | Dia. (in) | Ln. (in) | Tap Size | Depth | Wt. (lbs) | Model No. |
|----|-----------------|-----------|----------|-------------|-------|-----------|-----------|
| A1 | 0.25 (0.11) | 1/4 | 1/2 | #6-32 | 1/4 | 0.01 | N250T |
| A1 | 1.30 (0.59) | 3/8 | 1/2 | #8-32 | 1/4 | 0.01 | N375T |
| A1 | 2.65 (1.20) | 1/2 | 1/2 | #10-24 | 1/4 | 0.01 | N500T |
| A1 | 4.35 (1.97) | 5/8 | 1/2 | #10-24 | 1/4 | 0.02 | N625T |
| A1 | 6.00 (2.72) | 3/4 | 1/2 | #10-24 | 1/4 | 0.03 | N750T |
| A1 | 7.50 (3.40) | 1 | 1/2 | #1/4-20 | 1/4 | 0.06 | N1000T |
| A2 | 7.80 (3.54) | 3/4 | 1/2 | #10-24 | 1/4 | 0.03 | CMP750T |
| A2 | 10.4 (4.72) | 1 | 1/2 | #1/4-20 | 1/4 | 0.06 | CMP1000T |
| B | 15.50 (7.03) | 1 | 3/4 | #1/4-20 | 1/4 | 0.08 | N3T1002 |
| B | 26.00 (11.79) | 1-1/4 | 3/4 | #5/16-18 | 1/4 | 0.14 | N3T1252 |
| C | 45.00 (20.41) | 2 | 1/2 | #1/4 - Flat | - | 0.18 | C4H2000 |
| C | 50.00 (22.68) | 2 | 3/4 | #1/4 - Flat | - | 0.26 | C4H2002 |
| C | 60.00 (27.21) | 2 | 1 | #1/4 - Flat | - | 0.33 | C4H2004 |
| C | 90.00 (40.82) | 2-1/2 | 1 | #1/4 - Flat | - | 0.53 | C4H2504 |
| D | 145.00 (65.77) | 3 | 1 | #1/4 - Flat | - | 1.23 | C5H3004 |

CYLINDRICAL FIXTURE ASSEMBLIES

A1: Rare Earth Neodymium 1-Pole magnet in an Aluminum insulated cup. Powerful compact magnet that can be press fit or use tapped hole for mounting. +/- .003" diameter & .015" length. Maximum temperature 180°F (82°C).

A2: Max-Attach Rare Earth Neodymium in an Aluminum insulated cup. Multi-pole compact magnet that can be press fit or use tapped hole for mounting. +/- .003" diameter & .015" length. Maximum temperature 180°F (82°C).

B: Rare Earth 3-Pole magnet in an Aluminum insulated cup. Extended poles can be lightly machined. Can be press fit or use tapped hole for mounting. +/- .003" diameter & .015" length. Maximum temperature 180°F (82°C).

C: Rare Earth Neodymium 4-Pole magnet in an Aluminum insulated cup. Extended poles can be lightly machined. Can be press fit or use thru-hole for mounting. +/- .008" diameter & +/- .015" length. Maximum temperature 180°F (82°C).

D: Rare Earth Neodymium 3-Pole magnet in an Aluminum insulated cup. Maximum strength in a compact package. Can be press fit or use thru-holes for mounting. +/- .008" dia. & +/- .015" length. Maximum temperature 180°F (82°C). Mounting hole center 1-13/16".

E: Rare Earth Neodymium Island 2-Pole magnet in a steel cup. Ideal for shallow fixtures. Can not be press fit without additional insulation. Use tapped hole for mounting. +/- .005" dia. & +/- .015" length. Maximum temperature 180°F (82°C).

F: Rare Earth Neodymium parallel 2-Pole magnet in an Aluminum insulated cup. Flush face magnet, can be press fit or use tapped hole for mounting. +/- .008" diameter & +/- .015" length. Maximum temperature 180°F (82°C).

G: Rare Earth Neodymium parallel 2-Pole magnet in a brass insulated cup. Ideal for metric press fit applications. +/- .002" diameter & length. Maximum temperature 180°F (82°C).

H: Rare Earth Samarium Cobalt parallel 2-Pole magnet in a brass insulated cup. Ideal for high heat metric press fit applications. +/- .002 diameter & length. Maximum temperature 392°F (200°C).

I: Alnico Island 2-Pole magnet in a steel cup. Especially effective in mold applications. Can not be press fit without additional insulation. Use tapped hole for mounting. +/- .005" diameter & +/- .015" length. Maximum temperature 800°F (427°C).

J: Alnico magnet material shielded in a non-conductive sleeve, 1-Pole on each end. Insulator prevents loss of magnetic flux when inserted into steel components or fixtures. No mounting holes. +/- .001" diameter & +/- .005" length. Maximum temperature 800°F (427°C).

K: Rare Earth Neodymium magnet material shielded in a non-conductive sleeve, 1-Pole on each end. Insulator prevents loss of magnetic flux when inserted into steel components or fixtures. No mounting holes. +/- .001 diameter & +/- .005" length. Maximum temperature 180°F (82°C).

L: Alnico Multi-Pole magnet in an Aluminum insulated cup. Very effective on thin metal or difficult applications. Counter sunk mounting hole for easy installation. +/- .006" diameter & +/- .015" length. Maximum temperature 300°F (148°C).

M: Samarium Cobalt, Island 2-Pole magnet in a steel cup. Effective in mold applications. Cannot be press fit without additional insulation. Use tapped hole for mounting. +/- .005" O.D. & +/- .015" length. Maximum temperature 392°F (200°C).

| | | | | | | | |
|---|----------------|-------|--------|----------|------|------|--------|
| E | 3.00 (1.36) | 3/8 | 1/2 | #8-32 | .100 | 0.02 | R375 |
| E | 8.00 (3.63) | 1/2 | 1/2 | #10-32 | .120 | 0.03 | R500 |
| E | 22.00 (9.98) | 3/4 | 1/2 | #10-32 | .150 | 0.06 | R750 |
| E | 46.00 (20.86) | 1 | 1/2 | #1/4-20 | .150 | 0.10 | R1000 |
| E | 50.00 (22.68) | 1-1/4 | 1/2 | #5/16-18 | .150 | 0.16 | R1250 |
| F | 18.00 (8.16) | 3/4 | 1-3/16 | #1/4-20 | 1/4 | 0.10 | NT750 |
| F | 43.00 (19.50) | 1 | 1-5/16 | #1/4-20 | 5/16 | 0.20 | NT1000 |
| F | 102.00 (46.26) | 1-1/2 | 2-1/16 | #5/16-18 | 5/16 | 0.60 | NT1500 |
| F | 172.00 (78.01) | 2 | 2-7/16 | #3/8-16 | 5/16 | 1.30 | NT2000 |
| G | 4.40 (1.99) | 10 mm | 20 mm | - | - | 0.03 | PF10N |
| G | 6.60 (2.99) | 13 mm | 20 mm | - | - | 0.04 | PF13N |
| G | 13.80 (6.26) | 16 mm | 20 mm | - | - | 0.06 | PF16N |
| G | 25.40 (11.52) | 20 mm | 25 mm | - | - | 0.14 | PF20N |
| H | 0.90 (0.41) | 06 mm | 20 mm | - | - | 0.02 | PF06S |
| H | 4.40 (1.99) | 10 mm | 20 mm | - | - | 0.03 | PF10S |
| H | 6.60 (2.99) | 13 mm | 20 mm | - | - | 0.04 | PF13S |
| H | 13.80 (6.26) | 16 mm | 20 mm | - | - | 0.06 | PF16S |
| H | 25.40 (11.52) | 20 mm | 25 mm | - | - | 0.14 | PF20S |
| H | 44.10 (20.00) | 25 mm | 35 mm | - | - | 0.30 | PF25S |
| I | 0.72 (0.32) | 3/8 | 1/2 | #8-32 | 3/32 | 0.02 | A375 |

Wall Th.

| | | | | | | | |
|---|----------------|------|-----|-------|---|------|---------|
| J | 0.025 (0.0113) | 3/16 | 1/4 | 0.018 | - | 0.01 | ABS1825 |
| J | 0.040 (0.0181) | 3/16 | 1/2 | 0.018 | - | 0.01 | ABS1850 |
| J | 0.055 (0.0249) | 1/4 | 1/4 | 0.032 | - | 0.01 | ABS2525 |
| J | 0.140 (0.0635) | 1/4 | 1/2 | 0.032 | - | 0.01 | ABS2550 |
| J | 0.060 (0.0272) | 5/16 | 1/4 | 0.032 | - | 0.01 | ABS3125 |
| J | 0.175 (0.0793) | 5/16 | 1/2 | 0.032 | - | 0.01 | ABS3150 |
| J | 0.100 (0.0453) | 3/8 | 3/8 | 0.032 | - | 0.01 | ABS3737 |
| J | 0.200 (0.0907) | 3/8 | 3/4 | 0.032 | - | 0.01 | ABS3775 |
| J | 0.225 (0.1021) | 1/2 | 1/2 | 0.032 | - | 0.03 | ABS5050 |
| J | 0.680 (0.3084) | 3/4 | 3/4 | 0.062 | - | 0.06 | ABS7575 |
| K | 0.13 (0.059) | 1/8 | 1/4 | 0.018 | - | 0.01 | RBS1225 |
| K | 0.37 (0.168) | 3/16 | 1/4 | 0.032 | - | 0.01 | RBS1825 |
| K | 0.88 (0.399) | 1/4 | 1/4 | 0.032 | - | 0.01 | RBS2525 |
| K | 0.95 (0.043) | 1/4 | 1/2 | 0.032 | - | 0.01 | RBS2550 |
| K | 1.00 (0.45) | 5/16 | 1/4 | 0.032 | - | 0.01 | RBS3125 |
| K | 2.63 (1.19) | 3/8 | 3/8 | 0.032 | - | 0.01 | RBS3737 |
| K | 3.13 (1.42) | 1/2 | 1/4 | 0.062 | - | 0.03 | RBS5025 |
| K | 4.63 (2.10) | 1/2 | 1/2 | 0.062 | - | 0.03 | RBS5050 |
| K | 7.50 (3.40) | 3/4 | 3/8 | 0.062 | - | 0.05 | RBS7537 |

Socket Head Poles

| | | | | | | | |
|---|---------------|-------|--------|---------|---|------|--------|
| L | 8.00 (3.63) | 1-1/8 | 25/32 | #1/4-20 | 4 | 0.10 | AR1501 |
| L | 12.00 (5.44) | 1-3/8 | 25/32 | #1/4-20 | 6 | 0.30 | AR1502 |
| L | 35.00 (15.88) | 2-1/2 | 1-9/32 | #1/2-13 | 8 | 1.30 | AR1504 |

Tap Size

| | | | | | | | |
|---|-------|-------|-----|---------|------|------|----------|
| M | 4.3 | 3/8 | 1/2 | #8-32 | 0.10 | 0.02 | A375SMC |
| M | 11 | 1/2 | 1/2 | #10-32 | 0.12 | 0.03 | A500SMC |
| M | 20.16 | 3/4 | 1/2 | #10-32 | 0.19 | 0.06 | A750SMC |
| M | 54 | 1 | 1/2 | 1/4-20 | 0.16 | 0.11 | A1000SMC |
| M | 90 | 1-1/4 | 1/2 | 5/16-18 | 0.39 | 0.16 | A1250SMC |