














# AMS Sensor Magnets

| Partnumber<br>Bomatec | PDF   | Drawing                       | Type of Magnet                  | Grade<br>Bomatec | Coating | Dimension [mm]   | Magnetisation  |
|-----------------------|---|-------------------------------|---------------------------------|------------------|---------|--|--|
| 120178.001            |    | <a href="#">AS5000-MD6H</a>   | NdFeB disc magnet               | N-35H            | NiCuNi  | $D6 \pm 0.10 \times H2.5 \pm 0.05$                       | diametric  |
| 121260.001            |    | <a href="#">AS5000-MD6SH</a>  | NdFeB disc magnet               | N-35SH           | NiCuNi  | $D6 \pm 0.10 \times H2.5 \pm 0.10$                       | diametric  |
| 120236.001            |    | <a href="#">AS5000-MD8H</a>   | NdFeB disc magnet               | N-35H            | NiCuNi  | $D8 \pm 0.10 \times H2.5 \pm 0.10$                       | diametric  |
| 120002.001            |    | <a href="#">AS5000-MD8SH</a>  | NdFeB disc magnet               | N-35SH           | NiCuNi  | $D8 \pm 0.10 \times H2.5 \pm 0.10$                       | diametric  |
| 121261.001            |    | <a href="#">AS5000-MA2H</a>   | NdFeB disc magnet               | N-35H            | NiCuNi  | $D2 \pm 0.05 \times H0.8 \pm 0.05$                       | axially  |
| 120238.001            |    | <a href="#">AS5000-MA4H</a>   | NdFeB disc magnet               | N-35H            | NiCuNi  | $D4 \pm 0.10 \times H2.5 \pm 0.10$                       | axially  |
| 120237.001            |    | <a href="#">AS5000-MA6H</a>   | NdFeB disc magnet               | N-35H            | NiCuNi  | $D6 \pm 0.10 \times H2.5 \pm 0.10$                       | axially  |
| 120253.001            |    | <a href="#">AS5000-MA8H</a>   | NdFeB disc magnet               | N-35H            | NiCuNi  | $D8 \pm 0.10 \times H2.5 \pm 0.10$                       | axially  |
| 120056.001            |    | <a href="#">AS5000-MA4x2H</a> | NdFeB block magnet              | N-35H            | NiCuNi  | $L4 \pm 0.05 \times W2 \pm 0.05 \times H1 \pm 0.05$      | along 4 mm   |
| 120169.001            |   | <a href="#">AS5000-MD5H</a>   | NdFeB disc magnet               | N-35H            | NiCuNi  | $D5 \pm 0.10 \times H2.5 \pm 0.10$                       | diametric  |
| 120100.001            |  | <a href="#">AS5000-MR20</a>   | inj. molded ferrite ring magnet | YZ1612           | n/a     | $D32 \pm 0.10 \times d24 \pm 0.10 \times 1.5 + 0.10$     | axial multipole (44)<br>Magnetized opposite to the ejector marks |
| 120097.001            |  | <a href="#">AS5000-MR12</a>   | inj. molded ferrite ring magnet | YZ1612           | n/a     | $D32 \pm 0.10 \times d24 \pm 0.10 \times 1.5 + 0.10$     | axial multipole (72)<br>Magnetized opposite to the ejector marks |
| 120239.001            |  | <a href="#">AS5000-MR10</a>   | bonded NdFeB magnet             | BMNpi-56/64      | epoxy   | $D42.5 \pm 0.10 \times d38.5 \pm 0.10 \times 1.5 + 0.10$ | axial multipole (128)<br>Magnetized on 1 surface                 |

