

## Miko Marine Underwater Anchor Magnets



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# Underwater Magnets

### Miko Marine Norway Underwater Anchor Magnets

Holding everything in place.

Miko has decades of experience working with powerful anchor and permanent magnets. Comprehensive industrial and technological experience, combined with in-house engineering recourses, makes Miko Marine Underwater Magnets an excellent and safe choice.



### Miko Marine MAM-Light

MAM-Light is the most compact Miko Anchor Magnet, yet it has an holding force equivalent to the weight of an adult man. Thanks to its handy size and minimal weight, this magnet is easily handled by divers in any situation. The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with a breaking lever for easy release and safe operation. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight. Always read " IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

#### Mechanical properties:

Holding force: 90 kg  
Footprint: 150 x 50 mm  
Weight: 1 kg  
Gross Weight: 4 kg  
Box quantity: 1 pcs  
Depth rating: Full ocean depth  
Air Freight: Unrestricted

\* perpendicular holding force on a clean mild steel plate of minimum thickness 30 mm.

#### Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10115	Miko MAM-Light Anchor Magnet 90 kg holding force



### Miko Marine MAM-001

MAM-001 has a holding force of 150 kg\* and can be used for fastening equipment such as Miko Plasters®, diving equipment, guide wires or anchor points for divers to ship sides or other steel structures. The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability.

All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

**OPTIONAL:** MAM-001 is also available in watertight plastic case with in-built magnetic shielding.

Always read " IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

#### Mechanical properties:

Holding force: 150 kg  
Footprint: 155 x 115 mm  
Weight: 3 kg  
Gross Weight: 7 kg  
Box quantity: 1 pcs  
Depth rating: Full ocean depth  
Air Freight: Unrestricted

\* perpendicular holding force on a clean mild steel plate of minimum thickness 6 mm.

#### Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10100	Miko MAM-001 Anchor Magnet 150 kg holding force
75MIK10100BOX	Miko Watertight case for MAM-003 (003S & 001)



## Miko Marine Underwater Anchor Magnets

### Miko Marine MAM-003

MAM-003 has a holding force of 450 kg\* and can be used for fastening large devices such as oil booms or any other type of heavy diving equipment to ships sides and other steel structures. The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability.

All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

**OPTIONAL:** MAM-003 is also available in watertight plastic case with in-built magnetic shielding.

Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

#### Mechanical properties:

Holding force:	450 kg
Footprint:	155 x 115 mm
Weight:	3 kg
Gross Weight:	7 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

\* perpendicular holding force on a clean mild steel plate of minimum thickness 16 mm.

#### Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10101	Miko MAM-003 Anchor Magnet 450 kg holding force
75MIK10101BOX	Miko Watertight case for MAM-003 (003S & 001)



### Miko Marine MAM-003S

MAM-003S has a holding force of 500 kg\* and can be used for fastening and securing tools and equipment to ships sides and other steel structures for a longer period of time. The magnetic component of MAM-003S is encapsulated in a stainless steel housing to further improve its corrosion resistance and durability for longer periods of sea water exposure. The magnet is equipped with mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

**OPTIONAL:** MAM-003S is also available in watertight plastic case with in-built magnetic shielding.

Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

#### Mechanical properties:

Holding force:	500 kg
Footprint:	155 x 115 mm
Weight:	3 kg
Gross Weight:	7 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

\* perpendicular holding force on a clean mild steel plate of minimum thickness 13 mm.

#### Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10101S	Miko MAM-003S Anchor Magnet 500 kg holding force
75MIK10101BOX	Miko Watertight case for MAM-003 (003S & 001)



### Miko Marine MAM-005

MAM-005 has a holding force of 1000 kg\* and can be used for heavy duty applications such as fastening oil booms, fenders or temporary mooring to ships sides and other steel structures. The magnet is equipped with a mooring lug and rotating lever for easy release and safe operation. The magnetic component consist of neodymium which is coated with nickel to improve its corrosion resistance in sea water. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight. The MAM-005 is also shipped with a keeper disc for further shielding.

Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

#### Mechanical properties:

Holding force:	1000 kg
Footprint:	282 x 183 mm
Weight:	8 kg
Gross Weight:	21 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

\* perpendicular holding force on a clean mild steel plate of minimum thickness 30 mm.

#### Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10102	Miko MAM-005 Anchor Magnet 1000 kg holding force



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## Miko Marine Underwater Anchor Magnets

### Miko Marine MAM-00X

MAM-00X has a holding force of 2000 kg\* and can be used for heavy duty applications such as fastening oil booms, fenders or temporary mooring to ships sides and other steel structures. The magnet is equipped with a mooring lug and rotating lever for easy release and safe operation. The magnetic component consist of neodymium which is coated with zinc to improve its corrosion resistance in sea water. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight. The MAM-00X is also shipped with a keeper disc for further shielding. Always read " IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

#### Mechanical properties:

Holding force: 2000 kg  
Footprint: 319 x 180 mm  
Weight: 18 kg  
Gross Weight: 31 kg  
Box quantity: 1 pcs  
Depth rating: Full ocean depth  
Air Freight: Unrestricted

\* perpendicular holding force on a clean mild steel plate of minimum thickness 30 mm.

#### Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10103	Miko MAM-00X Anchor Magnet 2000 kg holding force



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### Miko Marine MPHM-002

MPHM-002 is a strong and versatile pipe-holding magnet for attaching pipes of diameter 8" up to 42". The magnetic component consist of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. With a holding force of 150 kg\*, the magnet can be used for fastening diving equipment, guide wires or anchor points for divers to pipes or other cylindrical steel structures. The magnet is equipped with a mooring lug and breaking lever for easy release and safe operation. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

Always read " IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

#### Mechanical properties:

Holding force: 150 kg  
Footprint: 188 x 120 mm (Flat)  
Pipe diameter capacity: 8" - 42"  
Weight: 5 kg  
Gross Weight: 12 kg  
Box quantity: 1 pcs  
Depth rating: Full ocean depth  
Air Freight: Unrestricted

\* perpendicular holding force on a clean mild steel pipe of minimum wall thickness 10 mm and diameter 480 mm.

#### Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10400	Miko MPHM Pipe-Holding Magnet 150 kg holding force

