

## Miko Under Water Magnets

For use during subsea repair work, as temporary anchor points for divers, to secure Miko Plasters®, to attach oil booms to ship hulls etc Miko supplies a large variety of magnetic tools. We offer permanent magnets including powerful "Rare Earth Magnets", Magnetic Wheels, or more standard (Ferro-magnetic) magnets. Our stock held magnets have a holding force from 35 kg to more than 1000 kg. All our magnets are Epoxy coated to prevent corrosion and are suitable for use in a marine / ocean environment. Some of them are described below.

### MAM-001

Miko Anchor-magnet Superior for diving, anchoring and temporary fastening on ship plating etc. The magnet is equipped with mooring lug and breaking lever for easy release.

#### Dimensions

155 x 116 x 36 mm

**Weight** 2,5 kg

**Holding force**

150 – 200 kg.

**Quantity in box**

1 pcs



### MAM-003

Miko Anchor-magnet Superior for diving, anchoring and temporary fastening of oil-booms on ship plating etc. The magnet is equipped with safety pin, mooring lug and breaking lever for easy release

#### Dimensions

155 x 116 x 36 mm

**Weight** 3,0 kg

**Holding force** 450 kg.

**Quantity in box**

1 pcs



### MAM-005

Miko Anchor-magnet Superior for diving, anchoring and temporary fastening of oil-booms on ship plating etc. The magnet is equipped with a mooring lug (M-20) and rotating lever for easy release and safe operation.

#### Dimensions

293 x 190 x 152 mm

**Weight** 8 kg

**Holding force**

1000 kg

**Quantity in box**

1 pcs



### MPHM-002

Miko Pipeholding-magnet Superior for attaching to pipes of

diameters  $\varnothing 8'' - 42''$ . Suitable for both diver and ROV application. The magnet is equipped with safety pin, mooring lug and breaking lever for easy release

**Dimensions**

210 x 188 x 32 mm

**Weight** 3,0 kg

**Holding force** 150-200 kg.

**Quantity in box**

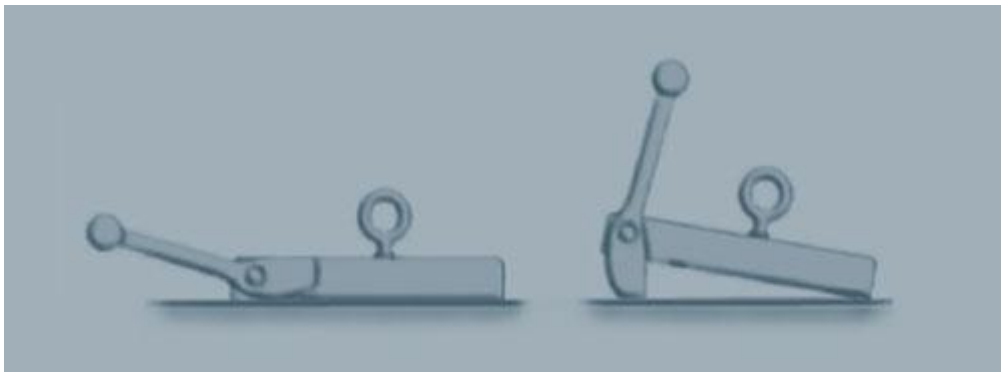
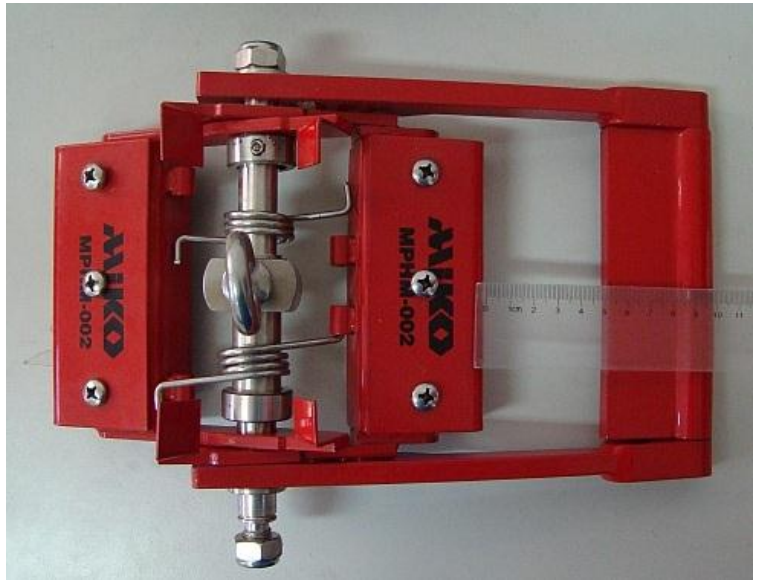
1 pcs

**Typical applications:**

1. Anchoring points for divers working on a ship hull increases efficiency when working in current and/or when holding/reaction points are needed)
2. Temporary fixing point for tools and equipment
3. Anchor point for oil booms on a ship hull
4. Anchor point for guide wires
5. Other temporary fixing needs on steel plating

**Characteristics:**

1. Simple and reliable construction
2. Easy operation
3. Large diameter eye bolt allows for flexibility
4. Rubber filling for increased friction
5. Packed and prepared for air freight



**Permanent Magnets**

**MFMM-035**

Ferrite Pot Magnet

White with hook

Dimensions

$\varnothing 63 \times 42$ mm

Weight 0,3 kg

Holding force

35 kg

Quantity in box

10 pcs



**MPM-001**

Special permanent magnet type MPM-001 made of "Neodymium" material Epoxy coated. Axial magnetised.

**Dimensions**

40 x 50 x 20mm

**Weight** 0,3 kg

**Holding force**

80 kg

**Quantity in box**

10 pcs

**MPM-002**

As MPM-001 To be placed directly on the outside of the «Miko-Plaster».

**Dimensions**

50 x 40 x 50 x 20mm (5 mm flange)

**Weight** 0,3 kg

**Holding force**

80 kg

**Quantity in box**

10 pcs

**MPM-001 CS**

As MPM-001, but with 1 off countersunk whole and matching screw (M8 x 30 mm) for fixing applications

**Dimensions**

40 x 50 x 20mm

**Weight** 0,3 kg

**Holding force**

80 kg

**Quantity in box**

10 pcs

**MMW-001**

Miko Magnetic Wheel. The hollow cylinder allows a shaft to be fastened and the magnets are suitable for vehicles, - above and below the waterline.

**Dimensions**

Ø54 x 15 x 39 mm

**Weight** 0,7 kg

**Holding force**

80 kg

**Quantity in box**

4 pcs



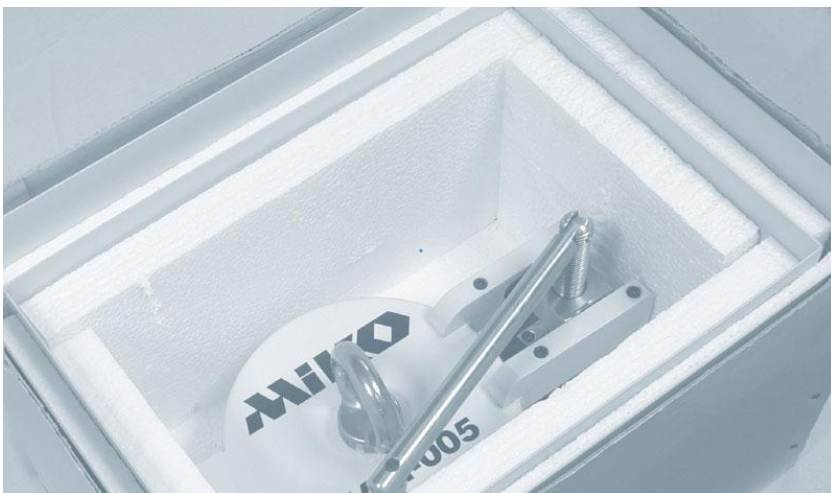
Specific requirements ? Contact us for a proposal.



Test-bench verifying magnetic holding force of MAM-003



For further protection and safety some Anchor Magnets are equipped with keepers as standard.



All Magnets are contained in double steel boxes to short-cut any magnetic field and prepare them for airfreight.