

# Mcnetiq

## CONTROLOCK

When there is no collective fall protection provided in a working situation at heights, a temporary handrail can be a solution. A handrail with magnetic feet is an easy and safe way to create safe working conditions, for instance, in maritime and offshore environments. McNetiq offers magnetic alternatives for temporary installing without welding, fast and flexible. This support system is equipped with our Controlock® technology. This allows the user to test the magnetic shear and pull force to confirm compliance with engineering requirements.

### Temporary Handrailing

#### Description & Design

For the handrailing, we have selected a lightweight steel mesh barrier.

The design code is EN13374 class A.

The inclination is 10 degrees.

#### Class A

- 0.3kN Max 55mm  $\delta$
- Ø 470mm Max gap, rail
- Ø 250mm Max gap, panels

#### Class A Barrier SKU nr 3245

The barrier is mounted by a pole and a clamped holder. This pole is mounted on a bracket on which the RBM is installed. The RBM function is to connect the post to the steel surface. This bracket is specially designed for this application and is launched as a new product.



#### ORDERING INFORMATION

SKU No.	Name	SKU No.	Name
3240	Barrier Class ABC 2,6m	3249	Barrier Class A 0,5m
3241	Barrier Class ABC 1,5m	3260	Make-up Barrier 2,6m
3242	Barrier Class ABC 1,8m	3261	Make-Up Barrier 1,5m
3245	Barrier Class a 2,6m	3263	Extended Make-Up Barrier 2,6m
3246	Barrier Class A 1,5m	3264	Extended Make-Up Barrier 1,5m
3247	Barrier Class A 2,0m	3266	Debris Barrier 2,6m
3248	Barrier Class A 0,9m	3267	Debris Barrier 1,5m

#### Rubber Block Magnet RBM

- Dimensions 201\*61\*28mm
- Magnetic force Up to 400kgf on untreated steel
- Tested pulling force 350kgf on 12mm steel with 0.2mm paint
- Tested shear force 250kg on 12mm steel with 0.2mm paint
- Magnet material Neodymium
- Stud bolt M10\*26 Steel

#### The Bracket

The bracket is specially designed to connect the post and the magnet. This unique bracket is purposed to withstand the design load with a safety factor of 2

#### The Setter

The Setter is a tool that is designed to safely and efficiently install the RBM.



Please be aware, special training is mandatory to install and test the RBM capacity adequately.