



Incremental measure magnetic rings



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INDEX

Warnings	5
Applications	6
Installations	7
Identifications	8

Incremental measure magnetic rings



WARNINGS



This instrument must be utilized only for the application it has been designed for, OTR declines all responsibility for any improper use.



During the installation phase, disconnect the instrument from measuring devices or from any device connected to the AC power supply;



Do not put the instrument in flammable liquids or potentially explosive gases.



Do not use the instrument in soils where an electric dissipation is in progress.



Use protective gloves and safety shoes during the installation

Furthermore

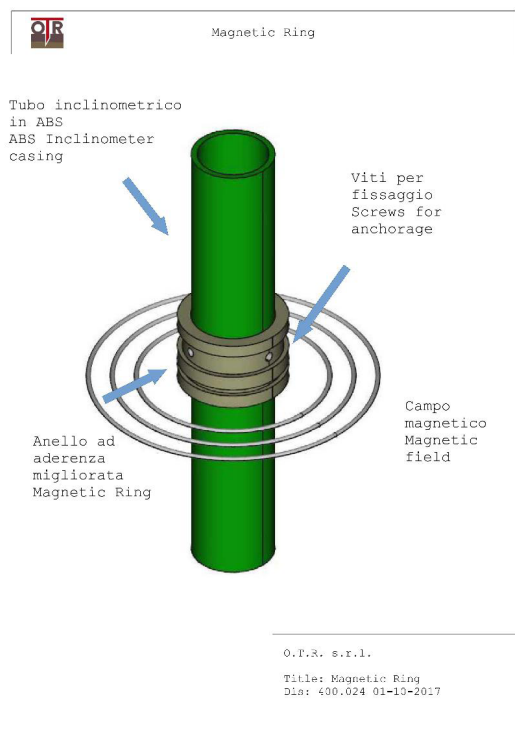
- Do not open the instrument, contact the manufacturer for checks and repairs;
- Keep out of reach of children;
- The at sight magnet should be oriented to the bottom of the tube, as per drawing
- Every ring has to be assembled in the same way;
- The rings have to be fixed enough strong to prevent their moving during the installation;
- For the perfect measurement with mobile instruments, 1000mm step, you have to respect the tolerances indicated during the installation procedure;
- According to IATA rules, Neodimium is a dangerous magnetic material for the airplanes transportation. It requires particular precautions to be sent by plane and contact OTR for other indications.

Applications

Use of ABS inclinometric case with inner $\varnothing$ 60mm and external $\varnothing$ 70mm.



Installation



- Assemble the first ring at least at 50cm from the bottom of the inclinometric case;
- Instal at 1000mm step, using template, the magnets keeping them at 1000 $\pm$ 2mm distance;
- Fix with the 3 magnet rings' screws the ring to the inclinometric case, without drill it. The fixing has to be enough strong to keep the ring motionless and enough free after rocks installation to permit its ground displacement. Eventually use a battery screwdriver with a suitable clutch;
- Check the rings' fixing, if it's not place a stop screw on a guide's case(if them exist)
- Before cement the hole check the correct placement of the rings with a BRS probe.

Identification

Every magnetic ring is identified:

- Output batch year/month.

Technical Features

- Non-hygroscopic glass fiber loaded ABS
- Fixing screw
- Neodimium Magnetic ring

