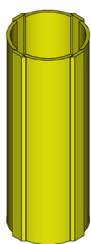




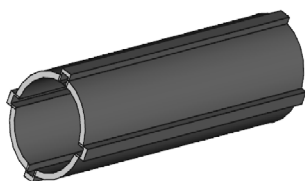
Inclinometer casing

Technical Features



Inclinometer casing is produced in bars of 3 m, it is available in aluminum or ABS. More diameters are available. The choice of material and casing diameter depends on environmental conditions of the site and on the type of reading units available. Casings have four internal longitudinal grooves placed at 90° to each other. Junctions between consecutive pipes are made by means of a coupler. A bottom and a top cap are necessary.

Applications



Inclinometer casings are installed within boreholes and are used wherever it is necessary to detect a lateral displacement caused by a cutting landslide. Inclinometer casing has the purpose of monitoring movements of rock masses or structures. Installed horizontally allows measurements of local failures.

It particularly finds application in:

- Monitoring of Landslides
- Unstable Slopes
- Dams
- Bulkheads
- Excavation
- Embankments

Related Instrumentation



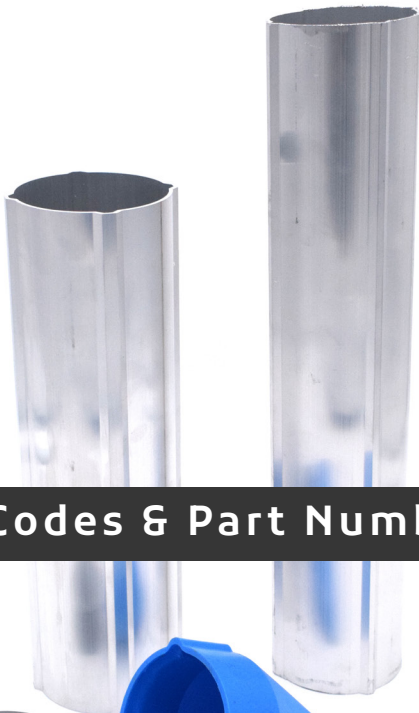
- Top/Bottom cap PVC for casing AL 53 mm
- Top/Bottom cap PVC for casing AL 75 mm
- Top/Bottom cap PVC for casing ABS 60 mm
- Pulley and cable stop
- Dummy probe with cable and reel

Uses

- Monitoring movements in landslides areas;
- Monitoring of retaining walls and embankments under loads;
- Within piles during horizontal load tests;
- Horizontal inclinometers are installed in foundation and embankments to detect settlements

Technical Specifications

Part	Ø Max [mm]	Ø Ext [mm]	Ø Int [mm]	Thick. [mm]	Grooves [mm]	Material	Length [mm]	Weight [Kg]
Aluminum Casing	87	80	76.0	2.0	4.0	Aluminum Alloy EN AW - 6060	3000	4.30
Aluminum Coupler	92	85	81.0	2.0	/		300	0.45
ABS Casing	69	64.5	56.5	4.0	4.0	ABS	3000	2.55
ABS Coupler	76	71.5	64.3	4.0	/		200	0.15



Codes & Part Numbers

- P/N 2005100 Inclinometer Casing aluminum alloy T6060 Ø 76 mm, thickn. 2mm
 P/N 2005101 Coupler for Aluminum Ø 76 mm
 P/N 2005102 Top cap Aluminum casing Ø 76 mm
 P/N 2005103 Bottom Tip Aluminum casing Ø 76 mm
 P/N 2005104 Inclinometer Casing ABS Ø ext 70 mm, couplers included
 P/N 2005105 Top cap ABS casing Ø ext 70 mm
 P/N 2005106 Bottom Tip ABS casing Ø ext 70 mm
 P/N 2012303 Magnetic ring

