



# ADHAR INSTRUMENTS & SERVICES



**Inclinometer Casings**

## Inclinometer Casing

Inclinometer casing is a special purpose, grooved pipe used in inclinometer installations. It is typically installed in boreholes, but can also be embedded in fills, cast into concrete, or attached to structures. Inclinometer casing provides access for the inclinometer probe, allowing it to obtain subsurface measurements. Grooves inside the casing control the orientation of the probe and provide a surface from which repeatable tilt measurements can be obtained.

The inclinometer casing is available in ABS resin. It is joined each other using suitable couplings. Top cap and bottom caps are available for plugging the bottom and top of the casings.

### Applications:

- Monitoring of land slides
- Monitoring of dams and embankments performance
- Monitoring of movement of retaining walls, diaphragm walls and piles
- Measurement of ground movement due to tunneling,

2016

### Specifications:

<b>Casing:</b>	
Material	High impact ABS resin
Outer diameter	70mm
Inner diameter	60mm
Guide slot width	4mm
Guide slot depth	3mm
Groove precision	<0.3°/3m
Standard length	1m, 2m, 3m
Weight	1.1kg/m
<b>Coupling:</b>	
Material	High impact ABS resin
Outer diameter	80mm
Inner diameter	71mm
Standard length	200mm
Weight	0.22kg