

INCLINOMETER CASING WITH MAGNETIC TARGETS

Inclinometric casing with magnetic targets are used for measuring settlements in soil and rock.

I&C Italia offers:

- *INCLINOMETRIC CASING ASSEMBLED USING COUPLINGS WITH BOTTOM AND PROTECTIVE CAP*
- *MAGNET TARGETS*



The inclinometric casing is composed of ABS pipe sections with four orthogonal grooves running longitudinally along the inside surface assembled with separate couplings. Magnetic settlement targets are positioned on the outside of the casing at one metre intervals. The system allows measurements of extension (and compression) of a borehole axis by a mobile extensometer probe and lateral displacement measurements by means of mobile inclinometers.

APPLICATIONS:

- Monitoring ground movements due to tunneling
- Monitoring of landslides
- Monitoring of embankments



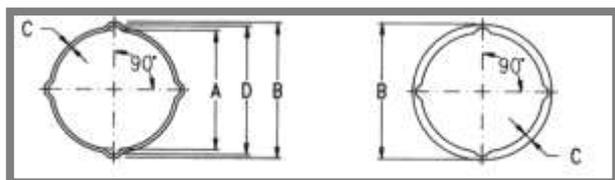
TECHNICAL SPECIFICATIONS

	INCLINOMETRIC CASING	COUPLING	MAGNET TARGET
			
Product code	T0IN070ABS00	T0MF070ABS00	ANL070PVC000
Casing section length	3000 mm	200-400 mm	
Inside diameter (A)	60 mm	77 mm	71 mm
Outside diameter (B)	70 mm	67 mm	92 mm
Thickness (C)	3.5 mm	5 mm	
Grooves inside diameter (D)	63 mm	71.5	
Height			65 mm
Material	ABS	ABS	<ul style="list-style-type: none"> Nylon (Housing) Neo MAG N35 (Magnet)
Spiral	<0.3°		

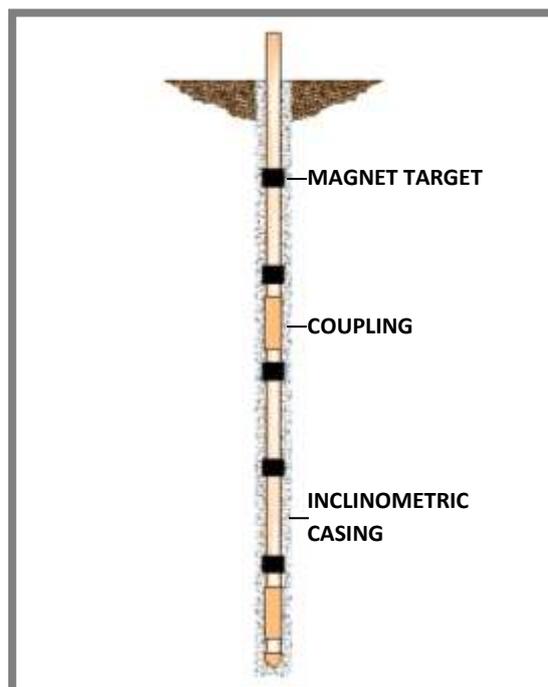
ACCESSORIES

T0TT070ABS00 Protective cap

T0TF070ABS00 Lower end cap



Cross-section of the casing



Schematic of inclinometer casing with magnetic targets

Product specifications described herein are subject to change without notification.

Ingegneria & Controlli Italia S.r.l.

Sede legale
Sedi operative

- TORINO - Via Donati, 14
- TORINO
Interporto Sito km 20+500 Tang. Sud - Prima Strada, 5 - 10043 Orbassano - Tel. 011 3975311 - Fax 011 3493790
- BERGAMO
Via Gramsci, 5 - 24042 Capriate San Gervasio - Tel. 02 92864185 - Fax 02 92864187
- TERAMO
Viale Crispi, 17 - 64100 Teramo - Tel. 0861 411432 - Fax 0861 411442
- ROMA
Via Piave, 15 - 00187 Roma - Tel. 345 53 85 753