

S131

## RED STRIPE INCLINOMETER CASINGS

INCLINOMETERS  
& PENDULUMS



## RED STRIPE INCLINOMETER CASINGS

Inclinometer casings are special grooved tubes, generally installed into drilled holes, used in conjunction with inclinometer system or in-place inclinometers to determine sub-surface ground displacements.

Red stripe casings are made with virgin ABS and inclinometer tube assembly require drill, rivets, glue and tape.

Red-Stripe couplings create strong, twistproof joints. They fit directly onto full diameter of the casing.

### APPLICATIONS

- Landslides
- Diaphragms and retaining walls
- Dams and embankments
- Deep excavations
- Tunneling
- LNG and oil tanks

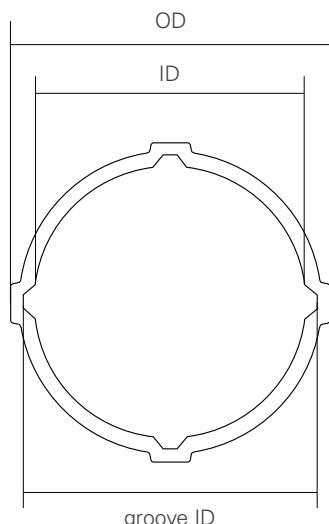
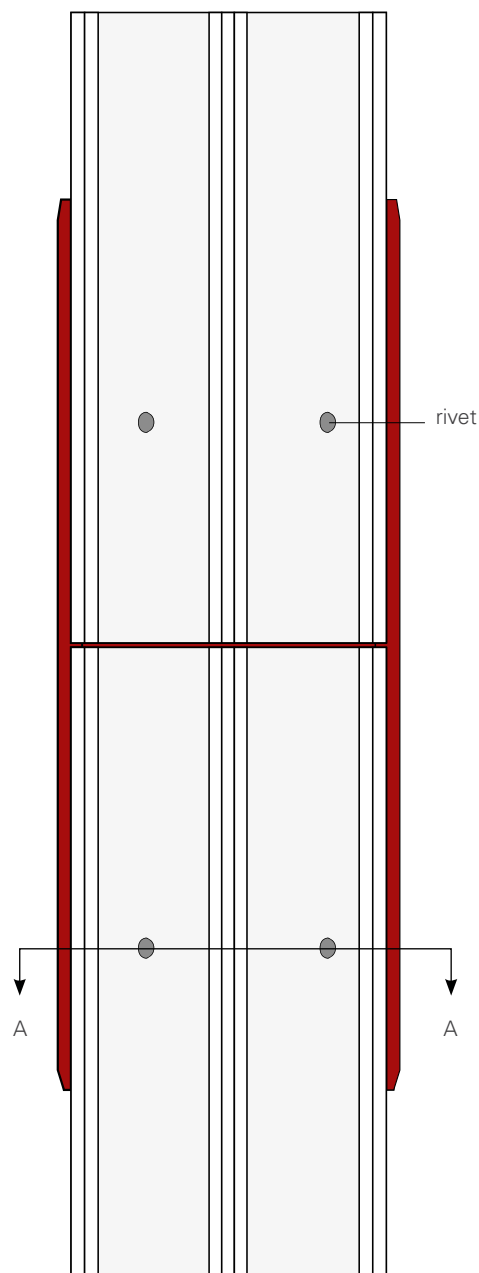
### FEATURES

- Low spiral
- Suitable for inclino-settlement columns
- Inert to the aggressive waters
- Suitable for all inclinometer systems in the market

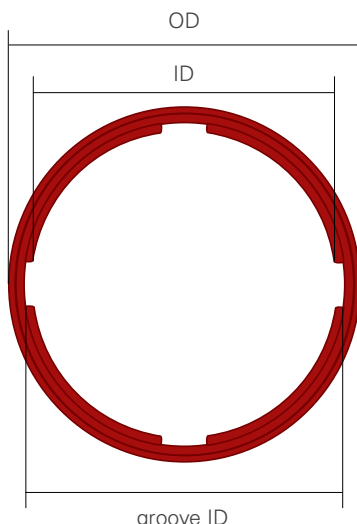
## RED STRIPE CASINGS

PRODUCT CODE	OS13100603M	OS13100610F
Description	metric red stripe casing	English red stripe casing
Material	ABS (Acrylonitrile-Butadiene-Styrene)	
Outer diameter (OD)	71 mm (2.8")	
Inner diameter (ID)	60 mm (2.4")	
Groove ID	65 mm (2.6")	
Thickness	3.75 mm (0.15")	
Length	3 meter	10 feet
Casing weight	2.1 kg	4.6 lb
Spiral	< 0.6° / 3 m	< 0.61° / 10 feet
Suggested borehole drilling diameter	101 mm (4")	
Temperature (max 1 hour)	+80°C (176 °F)	

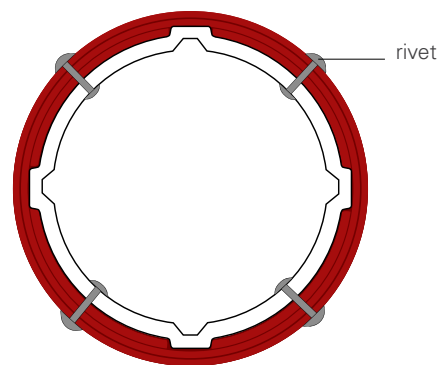
PRODUCT CODE	OS131MF6000
Description	coupling for red stripe casing
Material	ABS (Acrylonitrile-Butadiene-Styrene)
Outer diameter (OD)	77 mm (3.0")
Inner diameter (ID)	67 mm (2.6")
Groove ID	71.5 mm (2.8")
Thickness	5 mm (0.2")
Length	200 mm (7.9")
Casing weight	0.20 kg (0.44 lb)
Spiral	-
Suggested borehole drilling diameter	-



SECTION AA CASING ONLY



SECTION AA COUPLING ONLY


SECTION AA  
CASING AND COUPLING

## ACCESSORIES AND SPARE PARTS

### LOCKABLE TOP CAP OS100CH1000

Consists of a 12" steel sleeve and an ABS plastic top. The sleeve is embedded in the concrete pad at the top of the casing. The top consists of a collar and a hinged lid. The collar has a clamp that holds a pulley. The lid has a survey pin and can be locked.



### S131 SIMPLE TOP CAP OS131TS6000

Simple top cap for S131 casings, made by ABS.

### S131 BOTTOM CONICAL CAP OS131TF6000

Conical bottom cap for S131 casings, made by ABS.

### CASING ASSEMBLY KIT OS1ABKIT200

Suitable for 100 m of casing, it includes rivets, adhesive tape, self-amalgamating tape and three drill bits.



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### ADDITIONAL SUPPORT

SISGEO offers customers e-mail and phone assistance to ensure proper use of instruments and readout and to maximize performance of the system.

For more information, please refer to the FAQ pages on our website or email us: [assistance@sisgeo.com](mailto:assistance@sisgeo.com)