



## **FORCE MONITORING JACK**

Type: **DIU**

Force monitoring jacks, DIU series, are designed for monitoring residual forces in prestressed reinforced concrete structures.

# FORCE MONITORING JACK

### Features:

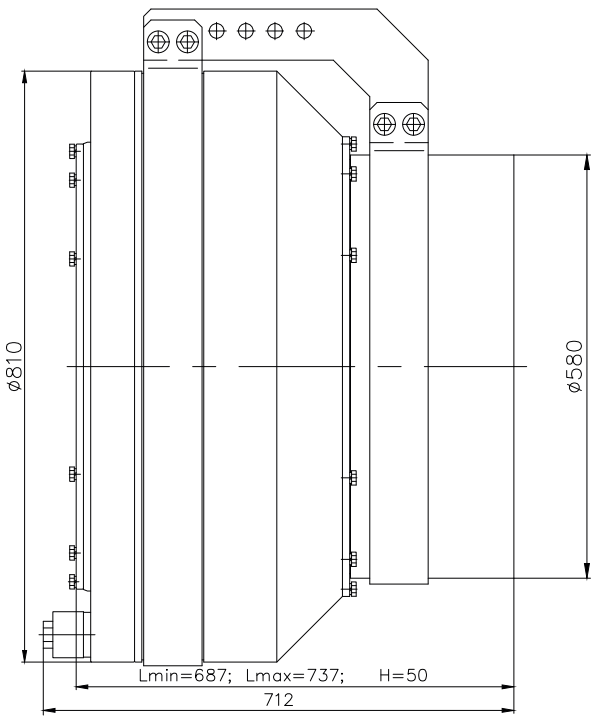
There is often a requirement to monitor residual forces. Adapted anchor heads and base plates are used for this purpose.

A jack is connected to an automatically controlled hydraulic power unit.

The hydraulic power unit automatically monitors the force of anchor head separation from the base plate, the anchor head movement relative to the plate and the jack piston travel. Anchor head compression force against the base plate is determined based on these data; this value represents the force in the anchor.

### Applications:

- Nuclear power plants
- Ground anchors



**Figure 1**  
**Force monitoring jack**

Specifications	Value
Operating pressure, MPa (bar)	70 (700)
Force, tf	1267
Piston stroke, mm	50
Weight, kg	1215

STS Ltd.

Moscow, Russia, Kirpichnye Vyemki str., Bld. 2, Unit 1

+7 (495) 374-67-09

[www.sts-hydro.com](http://www.sts-hydro.com)

[info@sts-hydro.com](mailto:info@sts-hydro.com)

**Important!**



Technical parameters are subject to change.  
Actual information on the website  
of the company or at the link via QR-code.