

# Cylindrical screw flights in Hardox-450 - 36333



## Specifications

### Cylindrical screw flights in Hardox - 36333

- Cylindrical screw flights manufactured in Harodx-450
- Outer diameter Ø990
- Material thickness 10 and 15 mm
- Pitch 1030 mm

The pitch is relative large in comparison with the outer diameter for these cylindrical screw flights. Hardox-450 is difficult to form to be a screw flight. This require special tooling and longer processing time compared to standard cylindrical screw flights. See similar case on cylindrical screw flights manufactured in Hardox-450

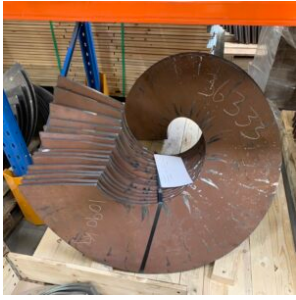
#### Additional Information:

Applied steel in product:

Hardox plate

Product type:

Screw flight



## Cylindrical screw flights in Hardox-450 - 36333



### Short Description

# Cylindrical screw flights in Hardox-450 – 36333

Cylindrical screw flights in Hardox and similar hardened steel types are a special type of cylindrical screw flights. The processing time is longer compared to standard cylindrical screw flights. BEMA has developed its own pressing tools for these screw flights. We are able to manufacture these types of screw flights without pre-heating. With our method, the steel does not change structure during the forming process.

## Cylindrical screw flights in Hardox – how to specify them?

- The outer diameter shall be at least Ø150
- Ensure the pitch is below 70% of the outer diameter – this case is more, but you get a more stable result keeping it below 70% of the outer diameter
- Keep the material thickness as small as possible with respect to your application