



# Cylindrical screw flight large diameter/pitch ratio - 36478



## Specifications

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- The cylindrical screw flight manufactured in carbon steel
  - Outer diameter Ø385
  - Material thickness 20 mm
  - Diameter/pitch ratio app. 2,5. BEMA is able to design a flight blanc which can be pressed to a very large pitch compared to the outer diameter. The screw flight is used for a process machine, and BEMA acts as a supplier in value chain of manufacturing special process machines
- See similar example

#### Additional Information:

Applied steel in product:

Carbon steel

Product type:

Screw flight



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### Short Description

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A Cylindrical screw flight with a large diameter/pitch ratio is challenging to manufacture. The processing time is long, and it is important to check that the pitch will increase equally over the complete 360° round the inner tube.

### What types of cylindrical screw flights with large diameter/pitch ratio is BEMA manufacturing?

- Flights in carbon steel
- Flights in stainless steel like 1.4301/AISI-304 and 1.4404/AISI-316. These are typically used for screw rotors to the food industry

Before making a final screw flight design you shall contact BEMA and in the second step require to get a test flight to get a basic experience of working with this type of screw flight.