

WORM GEAR REDUCER



Non contractual photo

SERVICE :

REFERENCE : RI40

This case allows to study a worm reducer presented in 2 versions :

- Basic version
- Version with integrated torque limiter

Technical specifications :

Proposed TP Themes :

- Competitiveness of industrial products
- Functional analysis
- Construction of mechanical links
- Comparative study of 2 rotating guides
- Discover the product-materials-processes relationships

Composition :

- 1 basic gearbox (housings, flanges)
- 1 output shaft equipped with a reversible wheel
- 1 output shaft equipped with a non-reversible wheel and a torque limiter
- 1 worm with reversible pitch
- 1 worm with non-reversible pitch
- 1 resin foundry core
- Tooling necessary for mounting the gearbox
- CD Rom with educational and technical resources as well as 3D drawings files