

## 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