

KOPAL FLANGE ASSEMBLY



Non contractual photo

SERVICE :

DIMENSIONS : 440 X 320 X 95

WEIGHT : 2KG

REFERENCE : EZ2900

The "KOPAL" vertical pressure flange type wheel and worm is characterized by its properties of adaptation, efficiency and speed of implementation in clamping problems. This system is versatile for all types of machining, electroerosion and presses. Without shims or adjustment, the system allows a simple rotation of the operating key, the continuous adaptation of the clamping height while maintaining the clamping power. The student manipulates and observes the real model. A functional analysis with multimedia support is proposed as a tool for acquiring and organizing knowledge.

Technical specifications :

Themes of the proposed TPs :

- Functional analysis
- The study of the constituent surfaces of a part: geometry and geometric and dimensional specifications
- Modifying the 3D model of a part and editing the drawing, (Solidworks® 2001)
- Adaptation of the flange to a given work situation (assembly / disassembly)
- Drawing a sketch of a piece
- Achieving a 4-Piece Assembly Using Solidworks®
- Static mechanics, wheel and worm system study, flange-cam balance
Verification of the mechanism's performance :
 - measurement of the clamping force as a function of the torque exerted on the screw
 - verification of the stress supported by the fixing screw of the flange on the table

Composition :

- 1 flange "KOPAL" EX2900,
- Case spare parts flange "KOPAL" EX2910
- CD Rom with technical and educational file (3D - SW)
- Learning Folder for Using the Solidworks® Computer Tool