

METAL PARTS - PROCESSES OF PREPARATION



Non contractual photo

SERVICE :

DIMENSIONS : 530 X 400 X 130 MM

WEIGHT : 7KG

REFERENCE : EX120-1

The student identifies all the industrial parts supplied, determines the material of each part and its manufacturing process. Some parts have local machining justifying the processes used (forging of forged parts, surface treatments).

Educational Objectives :

Proposed TP Themes :

- Observation and discovery by the touch of industrial parts
- Identification and characterization of metal parts development processes
- Comparison of pieces of different materials

Composition :

- 35 metal parts for the observation of the production processes
- 2 boxes of powder for the development of powder metallurgy (bronze and steel)
- 2 boxes of compressed parts before and after the sintering operation
- 1 box of sand molding