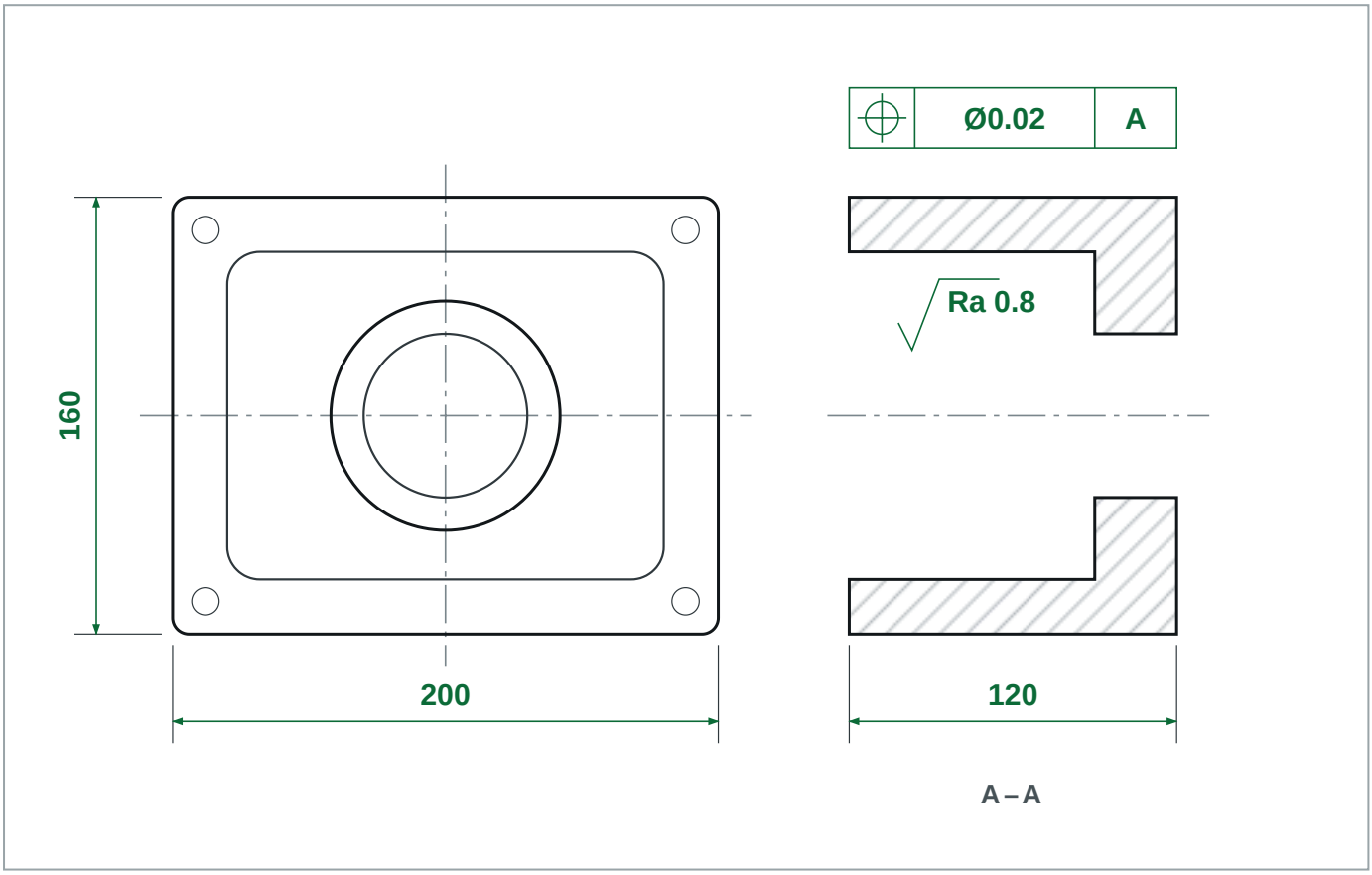
CNC MACHINED PARTS

AHC Series Precision-Machined Housings

A build-to-print concept series for electronics enclosures, gearbox covers and mounting brackets. Material, tolerances and finishing follow the drawing; first articles ship with an inspection report.



Technical data

Part envelope	**Max. 800 × 600 × 500 mm**
Mass	**0.2 – 120 kg**
Material	**Al 6082 / 7075, 42CrMo4, 17-4PH stainless, Ti-6Al-4V**
Accuracy	**Down to ±0.01 mm (per drawing)**
Surface roughness	**Down to Ra 0.8 µm**
Operating temperature	**Material dependent**
Standards	**Manufactured to customer-specified standards**

Highlights

- Build-to-print manufacturing
- Geometric tolerances verified on CMM
- Anodising, chromate, paint — via supply chain

CONCEPT DATA — This datasheet is a Mavi Çağ concept work; Alpegon is a fictional brand and the values are not real product data.