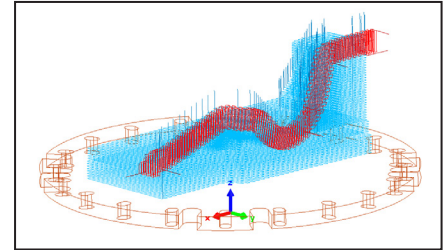


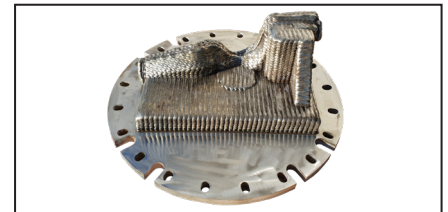
SHEET METAL CUTTING AND FORMING TOOL OF THE AUTOMOTIVE INDUSTRY



Metal printed part



CAM model



Metal printed part

INFORMATION ON THE COMPONENT PART

- Production of the base body from 1.4316 and the blade from 1.4718 (HRC 55) in one production step
- Conventional manufacturing technology: casting & milling
- Problems with the procurement:
 - Long delivery times of the cast part
 - Many production steps
 - During the development many adjustments are made, which have to be implemented quickly
 - Short procurement time is a requirement for a short development phase

TECHNICAL DATA



- Machine:** arc405
- Dimension [mm]:**
L = 283 | H = 123 | W = 145
- Wire:**
- Base body
1.4316 | Ø 1.0mm
 - Blade
1.4718 | Ø 1.0mm
- Printing mass:**
- 1.4316 | 14.1 kg
 - 1.4718 | 1 kg
- Printing time:** 8.50 h

ALTERNATIVES TO CONVENTIONAL MANUFACTURING TECHNOLOGIES

3DMP®

- Fast and flexible procurement of the near-net shape blank as required
- Saving of manufacturing steps (e. g. hardening)
- Reduction of the required turning/milling time

BENEFITS OF 3DMP®

-  Reduction of manufacturing time
-  Cost savings
-  Small units
-  Material savings
-  Fast customization

ANY QUESTIONS?

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