

AVENG - Creo Parametric Sheetmetal Training - Special: CZ Standards and Tools

Code: S-CPSHM

Duration: 2 days

Prerequisites

- ≡ AV Standards and Tools (AV CZ Pack; AV ScriBatch)
- ≡ AV Templates (Start_part_sheetmetal; Flat and Flange wall; Punch and Die Forms; ...)
- ≡ CZ Configuration (config.pro; config.sup; user interface; bend tables...)
- ≡ AV Data for exercises
- ≡ Customer data and configuration

Course Objectives

- ≡ Introduction to Sheetmetal philosophy, user interface
- ≡ Use primary and secondary wall features, creating wall features
- ≡ Create and use bend relief, unbend and bend back features, transition or deformation areas, create flattened shape
- ≡ Create and use bend order table with bend radius and angle value
- ≡ Work with family table
- ≡ Checking overlapping part geometry
- ≡ Creating rip relief, cut out, punching. UDF using.
- ≡ Conversion solid to sheetmetal part
- ≡ Forming the sheetmetal part by pressing and straightening the thus formed elements
- ≡ Create drawing with flat patterns and bend order table for manufacturing
- ≡ Parameters – definition and usage (system and user parameters)