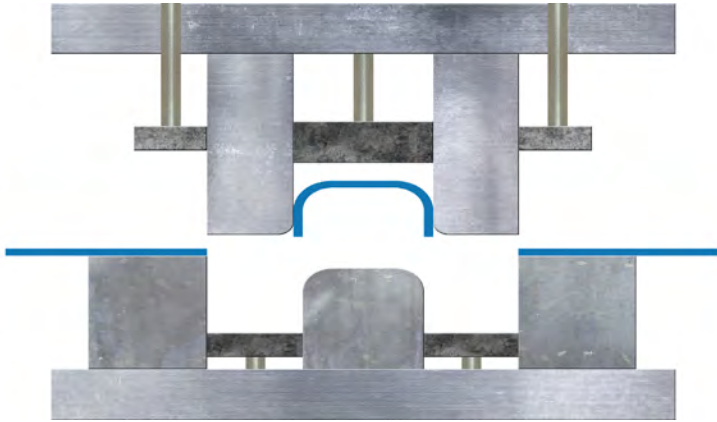


STAMPING PROCESSES

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

Stamping Processes introduces learners to the various stamping processes. The material in this course is beneficial to both seasoned stamping experts and learners new to the industry.

Credit Hours **3**

Learning Objectives

- Recall some of the cutting processes.
- Identify the different types of bending processes.
- Recognize the common secondary die processes.
- Differentiate between the secondary and additional die processes.
- Recall the special processes used normally to achieve certain functions within a die.

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I. Cutting and Bending Processes

- Cutting Processes
 - o Blanking Types
 - o Piercing/Punching Functions
 - o Trimming Functions
- Bending Processes
 - o Drawing Functions
 - o Bending Functions
 - o Forming Functions

II. Secondary Die Processes

- Gusset Stamping
- Curling

- Embossing
- Coining
- Extruding
- Flanging
- Hemming
- Ironing
- Necking
- Projection/Dimpling
- Restriking
- Secondary Cutting
 - o Notching
 - o Lancing
 - o Lance and Form

III. Special Processes in Die

- Assembly Functions
 - o In-Die Welding
 - o Nut Insertion
 - o Stud/Bolt Insertion
 - o Staking
 - o Tog-L-Loc
 - o Lance-N-Loc
- In-Die Tapping

