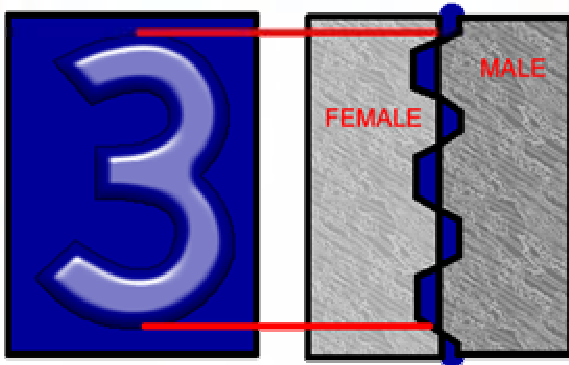


Embossing Dies



- When embossing must have sharp corners (example shown near right), height of emboss cannot exceed half of stock thickness.

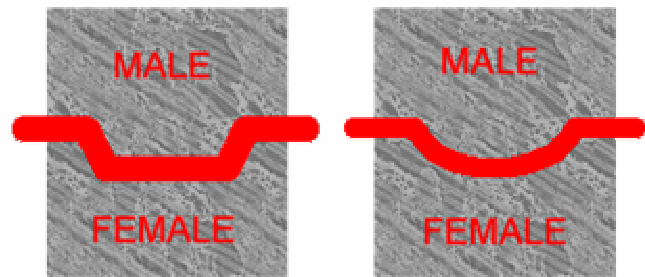
More gradual contours (example shown far right), permit embossing height to exceed full material thickness without shearing the sheet metal.

Embossing verses Semi-coining

- **Embossing:** Embossing round face characters or designs produced on sheet metal having a thickness equal to 1/8 of the character or less.

The example to the left shows the final embossed mark, a raised three on the left hand side.

The right hand side shows the two dies required to make the mark: a female die for the top of the part, and a male die under the part.



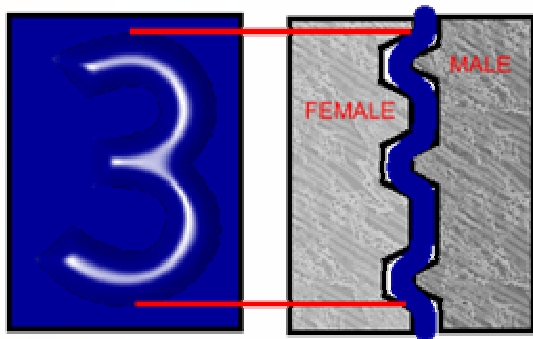
* Figure 1

** Figure 2

- **Semi-Coining:** Produces raised characters or designs on sheet metal having a thickness exceeding 1/8 the character height.

The example to the left shows the final semi-coined mark, a raised three on the left hand side.

The right hand side shows the two dies required to make the mark: a female die for the top of the part, and a male die under the part.



Embossing Dies



- Embossing dies are made to order.

These dies are expertly engraved to produce any desired letters, numbers, graduations or logos. Die face is developed to conform to contour of parts.

Final embossed part: Harley Davidson exhaust pipe.

Embossing Style Series

Char. Size	Catalog No.	
	Male	Female
1/8	CME13M	CME13F
5/32	CME16M	CME16F
3/16	CME19M	CME19F
1/4	CME25M	CME25F
5/16	CME31M	CME31F
3/8	CME38M	CME38F
1/2	CME50M	CME50F
5/8	CME62M	CME62F
3/4	CME75M	CME75F

- When requesting a quotation please provide both part information; material, shape and thickness, and mark information; logo and character size.

- Die Set - used to emboss the tailpipes of Harley-Davidson motorcycles.



- When embossing must have sharp corners*, height of emboss cannot exceed half of stock thickness. More gradual contours** permit embossing height to exceed full material thickness without shearing the sheet metal.

Note: See both * Figure 1 and ** Figure 2 on page 32.

- Interchangeable embossing type is supplied in all character sizes and blank styles for press applications. CME type embosses sheet metal products such as cans, shells, drums, tanks, tags and nameplates. When inquiring, specify desired character size, kind and gage of metal embossed. If formed product is to be embossed, a sample or drawing is necessary.