

Flat Bar Symbols

Name: _____ Block: _____

_____/5 marks planning/drawing

_____/20 marks for finished project



"As a man, I'm flesh and blood, I can be ignored, I can be destroyed; but as a symbol... as a symbol I can be incorruptible, I can be everlasting." -probably Batman

A symbol is a mark, sign, or word that indicates, signifies, or is understood as representing an idea, object, or relationship. Symbols allow people to go beyond what is known or seen by creating linkages between otherwise very different concepts and experiences. All communication (and data processing) is achieved through the use of symbols. - *internet*

Design Brief:

Design or trace a logo, super hero symbol, exciting complicated shape, etc that can be made from one solid piece of metal without welding or fasteners. If you want to take the project further and create with multiple pieces design it in such a way that you can hide your welds unless that is part of the design.

Material:

1/8" thick Flat bar between 2-4 inches wide. No more than 5 inches (12cm) long.

Tools/Machines:

- Hacksaw, mini files, bench grinder, drill press, welders, milling machine, jewelers saw, Dremel, ball peen hammer (for texturing), etc. Basically almost any tool in the shop. We will spray a clear coat of paint afterwards to preserve the metal from rusting if desired.

On the back of this sheet brainstorm a few different ideas and then finalize with a scale drawing (life size, exact size, etc).

Bonus: Build a stand to display your project

Grading: Smooth, shiny, no cutting or tool marks.

Expected time to finish: 4-6 hours of practical work

Brainstorming:

Final: No more than 5 inches (12cm) long and 4 inches (10cm) wide. Get extra paper if needed!

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