

# SHEET METAL

Laser Cutting, Bending & Forming, Tapping, Post CNC, Deburring

In addition to CNC machining, PartsBadger offers sheet metal manufacturing services. We use a variety of quality materials with precision machining to give you beautifully-crafted products. Get your parts done right without any compromise.

## Laser Cutting



### Size

Max  
46" x 118"  
(1168.4 x 2997.2 mm)

### Tolerances

Standard  
± 0.005"  
(± 0.127 mm)

### Materials

#### Plastic

ABS  
Acrylic  
Delrin 150®  
G-10/FR-4  
HDPE  
LE Phenolic  
MDF  
Polycarbonate  
UHMW

#### Misc

ACM Black  
ACM Brushed  
ACM White  
Birch Plywood  
Carbon Fiber  
Carbon Fiber Aerospace  
Cork (Gasket Grade)

#### Metals

5052 Aluminum  
6061 Aluminum  
7075 Aluminum  
AEB-L  
AR400  
Brass  
Copper  
Cor-Ten  
4130 Chromoly  
1095 High Carbon Steel  
Mild Steel  
Stainless Steel  
Titanium

## Bending & Forming

### Specifications

Maximum of 3 bends per part  
*Need more? Request a quote.*

Maximum bend length of 30"  
Maximum thickness of .250"

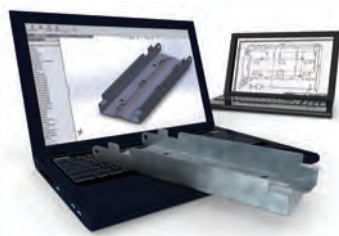
*No acute angles greater than 130°  
No joggle/offset bends  
No curl, bump, or roll forming  
No coining  
No window bends  
No hemming*

### Materials

5052 Aluminum	0.030" – 0.250"
Mild Steel	thickness, custom
Stainless Steel	quote required for
Chromoly	thicknesses greater
Copper	than .125"
Brass	
	Minimum flat size
<i>No 6061 Aluminum</i>	1.5" x 1.5"
<i>No Titanium</i>	
<i>No AR400/AR500</i>	Max bend length
	30"
	<i>(Can vary by design)</i>

## Need Batch Shipments?

PartsBadger offers inventory management for batch releases. Inquire with your rep.



### File Types

3D Files .STEP, .STP, .STL, .SLDPRT, .IGES  
2D Files .DXF, .EPS, .AI, .PDF or .DWG

Start quoting online today at [parts-badger.com/sheet-metal-quote](https://parts-badger.com/sheet-metal-quote)