

Plate Laser Cutting



Produces Near Net or Finished Products to Your Print

HIGHLIGHTS

- Laser tolerances in stainless, aluminum and carbon plate up to 1", up to 1/2" in red metals
- Maximum plate capacity 80" X 159"
- High precision and repeatability on cut parts
- Produces near net or finished products to your print
- Minimal heat affected zone
- Minimal to no clean-up
- Etching and "stitch-cutting" available
- Potential Secondary Processes:
 - Tapping from #10 - 3/4" and M5 - M20 available depending on size/thickness
 - Forming



CAPABILITIES

Grades	Tolerances	Minimum Hole Sizes	Max Plate Capacity	Plate Laser Acceptable Materials
1" Carbon	1" = +/--.017"	.50"dia on 1"thk	80" x 159"	Carbon = Yes
1" Stainless	1/2" = +/--.008"	.375"dia on 3/4"thk		Stainless = Yes
1" Aluminum	1/4" and < = +/--.005"	.25"dia on 1/2"thk		Aluminum = Yes
1/2" Tool & Jig		.125"dia on 1/4"thk		Red Metals = Yes
1/2" Red Metals				

This chart is a guideline only. For more specific information please contact your Alro representative.

Alro has a fully integrated CAD Department to handle most file types:

Preferred Files: .dxf .dwg

Also Accepted:

.iges .asm .prt .dft .par .psm .pwd .step .X_B .X_T .sat model .iam .stp .ipt .dgn .sldasm .sldprt .stl

America's Premier Metals & Plastics Service Center



Alro Steel
Metals & Plastics

alro.com



Alro Locations



● **Metals** ● **Plastics** ● **Outlet Stores**

Over 80 Locations in 16 States!		
Florida	Michigan	Pennsylvania
Illinois	Missouri	Tennessee
Indiana	New York	Virginia
Iowa	North Carolina	Wisconsin
Kentucky	Ohio	
Maryland	Oklahoma	



Pictured, the Alro Steel facility in Potterville, Michigan



Alro Steel was founded in 1948 by brothers Al and Robert Glick in Jackson, Michigan. The company is a distributor of metals and plastics. Alro is focused on offering cut-to-size metals and plastics with next day delivery to over 50,000 customers in North America. Alro operates over 80 locations in 16 states and provides a broad inventory of products under the following companies: Alro Steel, Alro Metals, Alro Metals Outlet, and Alro Plastics. Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small. [To learn more, please visit alro.com.](http://alro.com)

Metals	Bar	Pipe & Tube	Plate & Sheet	Structural	Grating & Exp. Metal
Alloy	●	●	●		
Aluminum	●	●	●	●	●
Brass	●		●		
Bronze	●	●			
Carbon Steel	●	●	●	●	●
Cast Iron	●	●			
Copper	●	●	●		
Stainless Steel	●	●	●	●	●
Tool Steel	●		●		

e-Business Solutions

- Alro Online Store (MyAlro.com)
- Customized Summary Billing
- Tool Management Solutions
- B2B Transactions

Ask your Alro Representative for details!



Since 1948

