

# Waterjet Cutting



**Thicker cutting, tighter nesting and very accurate!**

- No heat affected zones
- No mechanical stress
- More accurate cutting in all materials
- Produces a near net, finished part
- Thicker cutting with minimal distortion
- Reduces or eliminates secondary machining operations
- Tighter nesting for optimal material utilization



20%  
Excellent Edge Finish



40%  
Good Edge Finish



60%  
Clean Cut



80%  
Through Cut



100%  
Separation Cut

Surface finish and tolerance are determined by feed rate. Finish and tolerance are directly proportional to cost.

CAPABILITIES				
Capacity	Tolerance (Tightest Available) (Aluminum, Copper, Brass / SS, MS)	Minimum Hole Size (Aluminum, Copper, Brass / SS, MS)	Max Plate Capacity	Materials
11 gauge (min) to 8" thick (max)	Up to 1.25" (.010" / .010") 1.25" to 2.50" (.010" / .040") 2.50" to 3.50" (.040" / .080") 3.50" to 5.00" (.080" / .125") 5.00" to 8.00" (.125" / .180")	Up to .50" (.200" / .250") .50" to 1.25" (.250" / .375") 1.25" to 2.50" (.300" / .500") 2.50" to 5.00" (.375" / .625") 5.00" to 8.00" (1.000" / 1.500")	120" x 240"	Alloy Aluminum Carbon Steel Plastics Red Metals Stainless Tool Steel

This chart is a guideline only. Tolerances and minimum hole size may vary depending on material.

**Alro has a fully integrated CAD Department to handle most file types, preferred files: .dxf .dwg .iges**

**Also Accepted:** .asm .prt .dft .par .psm .pwd .step .X\_B .X\_T .sat  
model .iam .stp .ipt .dgn .sldasm .sldprt .stl



**Alro Steel**  
**Metals & Plastics**

**alro.com**

**America's Premier Metals & Plastics Service Center**



# Alro Locations



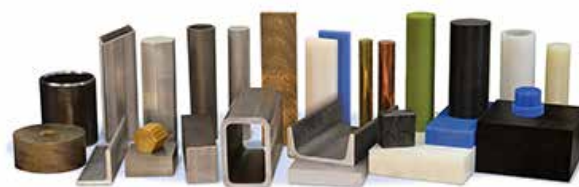
● **Metals**   ● **Plastics**   ● **Outlet Stores**

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)

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



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](http://MyAlro.com))
- Customized Summary Billing
- Tool Management Solutions
- B2B Transactions

Ask your Alro Representative for details!



Since 1948

