



Alro Steel

Metals • Industrial Supplies • Plastics

SINCE
1948

Waterjet Cutting

BENEFITS

- 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	Minimum Hole Size	Max Plate Capacity	Materials	
11 gauge (min) to 8" thick (max)	Up to 3" (+/- .005") >3" to 6" (+/- .010") >6" to 8" (+/- .031")	< 1/2" = .200" 1/2" to 1-3/16" = .250" 1-1/4" to 2-1/2" = .300" 2-1/2" to 5" = .375" 5" to 8" = 1.00"	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





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Integrity. Loyalty. Honesty. These principals have guided Alro Steel since our founding in 1948 by brothers, Al and Robert Glick. From a small garage in Jackson, Michigan, Alro Steel has grown to over 70 locations in 13 states. Alro distributes metals, industrial supplies and plastics. A wide variety of processing services are available including cut-to-size metals and plastics with next day delivery to over 50,000 customers in North America. Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small.

METALS & SHAPES

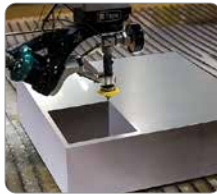
	Bar	Pipe & Tube	Plate & Sheet	Structural	Grating & Exp. Metal
Alloy	●	●	●		
Aluminum	●	●	●	●	●
Brass	●		●		
Bronze	●	●			
Carbon Steel	●	●	●	●	●
Cast Iron	●	●			
Copper	●	●	●		
Stainless Steel	●	●	●	●	●
Tool Steel	●		●		



METALS PROCESSING



Precision Plate and Structural Saw Cutting



Waterjet Cutting



Oxy-Fuel Cutting



Plasma Cutting



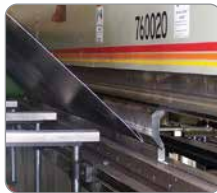
Plate Laser Cutting



6-Axis Laser Cutting



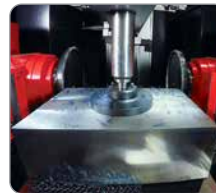
Shearing



Press Brake Bending & Forming



Tube Cutting and Chamfering



Precision Milling and Squaring



Plate Grinding



Thermal Processing

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