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 taberextrusions.com

EXTRUSION CAPABILITIES

LINE CARD

1XXX SERIES

Manufacturing Limits

Circle Size Range	♦ 2" - 30"
Weight Per Foot Range	♦ 0.500 - 140 lbs.
Length Range	♦ Up to 95'
Die Availability	♦ Custom Shapes ♦ Standard Shapes

Comparative Characteristics

Corrosion Resistance	♦ Excellent
Weldability (Arc)	♦ Excellent
Machinability	♦ Poor to Fair
Workability	♦ Good to Excellent
Strength	♦ Low to Moderate

2XXX SERIES

Manufacturing Limits

Circle Size Range	♦ 3" - 16"
Weight Per Foot Range	♦ 3.0 - 70.0 lbs.
Length Range	♦ Up to 65'
Die Availability	♦ Custom Shapes ♦ Standard Shapes

Comparative Characteristics

Corrosion Resistance	♦ Good
Weldability (Arc)	♦ Excellent
Machinability	♦ Fair
Workability	♦ Fair
Strength	♦ High

5XXX SERIES

Manufacturing Limits

Circle Size Range	♦ 2" - 18"
Weight Per Foot Range	♦ 0.500 - 140 lbs.
Length Range	♦ Up to 70'
Die Availability	♦ Custom Shapes ♦ Standard Shapes

Comparative Characteristics

Corrosion Resistance	♦ Excellent
Weldability (Arc)	♦ Excellent
Machinability	♦ Poor to Fair
Workability	♦ Good to Excellent
Strength	♦ Moderate

6XXX SERIES

Manufacturing Limits

Circle Size Range	♦ 2" - 32"
Weight Per Foot Range	♦ 0.250 - 140 lbs.
Length Range	♦ Up to 95'
Die Availability	♦ Custom Shapes ♦ Standard Shapes

Comparative Characteristics

Corrosion Resistance	♦ Good to Excellent
Weldability (Arc)	♦ Excellent
Machinability	♦ Fair
Workability	♦ Good
Strength	♦ Moderate

7XXX SERIES

Manufacturing Limits

Circle Size Range	♦ 2" - 16"
Weight Per Foot Range	♦ 3.0 - 45 lbs.
Length Range	♦ Up to 65'
Die Availability	♦ Custom Shapes ♦ Standard Shapes

Comparative Characteristics

Corrosion Resistance	♦ Excellent
Weldability (Arc)	♦ Excellent
Machinability	♦ Poor to Fair
Workability	♦ Good to Excellent
Strength	♦ High

TYPICAL APPLICATIONS

Bridges	Missile Components	Aircraft	Military Vehicles
Buss Bars	High Strength-Structures	Transmission Towers	Concrete Forms
Marine	Electrical Connectors	Truck Trailers	Rail Cars
Heat Sinks	Firearms	Archery	Tubes

EXTRUSION PRESSES

8600 TON

Billet Containers	♦ 16" Diameter
	♦ 20" Diameter
	♦ 10" x 28" Rectangular

3000 TON

Billet Containers	♦ 9" Diameter
	♦ 11" Diameter

1800 TON

Billet Containers	♦ 7" Diameter
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AUXILIARY EQUIPMENT & SERVICES

Equipment & Services

♦ Metallurgical Testing Laboratories	♦ Cutoff Saws
♦ Solution Heat Treat Furnace to 120'	♦ Precision Saws
♦ 115' Immersion Ultrasonic Tank	♦ Annealing Oven
♦ Stretcher, 320-Ton Capacity	♦ Aging Oven
♦ Stretcher, 750-Ton Capacity with	♦ Knurling capability
Capability of 27 Square Inch Cross	♦ Design Assistance
Section (Aircraft Alloy) or 63 Square	♦ Nondestructive Testing
Inch in AA6061	♦ Destructive Testing

Fabrication

♦ Horizontal & Vertical CNC Machining
♦ 5 Axis Machining up to 10.5m long
♦ Friction Stir Welding*
♦ Punching*
♦ Painting and Anodizing*

*via third party partner