

## EXTRUSION

Press Capacity	2,400 US Ton, 5,000 US Ton
Container Sizes	7", 9", 11", 14"
Common Alloys	6005, 6008, 6043, 6060, 6061, 6063, 6082, 6105, 6351, 6560
Common Tempers	F, T4, T5, T510, T511, T52, T6, T61, T6511, T7
Weight Range	0.300 Lbs./Ft. - 26.00 Lbs./Ft.
Part Lengths	0.400" - 55.00'
Profiles	Solid, Semi-Hollow, Hollow, Multi Void Hollow
Quality Certifications	ISO/TS 16949, ISO 14001
Inspection	Shop Floor and Laboratorial Based Vision Equipment With SPC
Tolerances	1/8 Standard to Standard, Fluent In GD&T

## LABORATORY

Material Certification	Spectrographic Analysis, Mechanical Property Testing, Flare Testing, Weld Analysis
Material Analysis	Hardness, Chemistry, Magnified Photography & Inspection

## ENGINEERING

Tolerancing	GD&T Technologist On Staff
Common CAD Formats	.DXF, .DWG, .IGES, .IGS, .PRT, .DRW, .STP, Step, .x_T, .CATPart
Design Assistance	On-Site Training, GD&T, Tolerance Reviews VAVE Projects, Extrusion Design & Optimization 3D Modeling, Statistical Analysis

## FABRICATION & ASSEMBLY

CNC Cutting	Profile Sizes To 9" Diameter Tolerances +/- 0.003" (Shape Dependent) Part Lengths 0.500" - 24' Compound Miter Cutting
Deburr	Brush End Deburr Vibratory Deburr (Ceramic & Plastic) ID Chamfering
Part Washing	Thru-Feed Hot Washing
Part Marking/Tracking	Press Marking, Pin Dot Marking, Laser Marking
Punching	Lengths up to 57.00"
CNC Machining	High-Speed Vertical - Horizontal 4 & 5 Axis Machining, Part Sizes to 120"
Forming	Profile Bending
Anodize	Mil 8625 F Type II With Various Colors Architectural Class 1 Range Champagne To Black
Finishing	Buffing, Polishing, Sanding
Assembly	Mechanical Profile Assembly, Tox Assembly