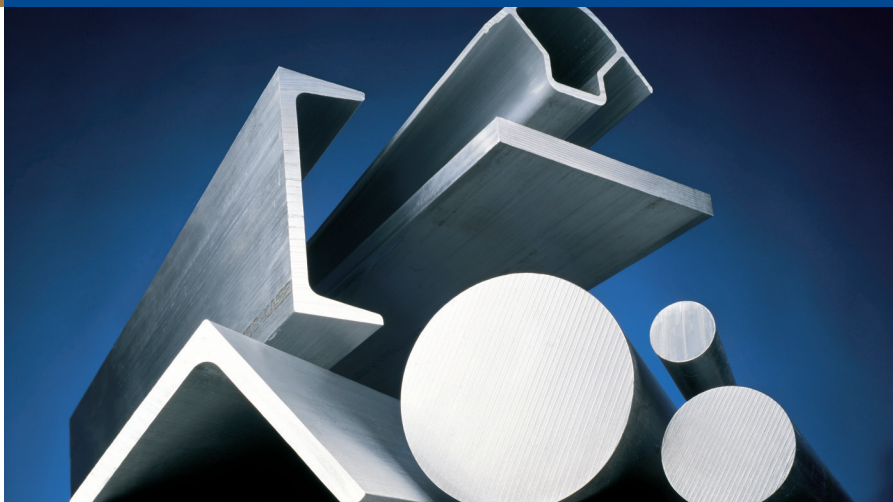


AEROSPACE ALUMINUM EXTRUSIONS



www.twmetals.com

**Specialty Metals Leadership.
Supply Chain Innovation.**

Global Supply

TW Metals has over 20 locations strategically located in North America, Europe and Asia, supporting the world's aerospace industry. Aluminum extrusions are stocked by Army Navy Design (AND) and airframe manufacturers part number, including Boeing, Airbus, Lockheed, Embraer, Bombardier, and many others. Custom designed shapes can also be supplied with very short lead times. TW Metals is the leading distributor and processor of aerospace quality extruded shapes for production, conversion and airframe maintenance operations worldwide. In addition to extrusions, a large inventory of aerospace sheet, plate, rod, bar and tube is available from each location.

Profiles

Over 50,000 different shapes available from stock.

Standard Shapes:	Angles	"H" Beams	Wide Flange
	Channels	"I" Beams	"Z" Sections
	"T" Sections	Seat Track	Bars

Standard Shapes, "ANDs," and special shapes by fixed-wing and rotary aircraft manufacturers including, but not limited to:

BAC, ASNA, LS, CV, LN, PE, BAE Systems, Agusta Westland, Sikorsky, Bell Helicopter

Roll Formed Shapes by customer part number (Alclad/Bare)

Database to over 50,000 industry part numbers

All extrusions stocked by manufacturers' part number. Our database cross-references aircraft manufacturers' extrusion and part numbers with extrusion mill dies.

Extensive electronic and print libraries of manufacturers' print drawings.

Alloys

Alloys 2014, 2024, 2219, 2224, 7050, 7075, 7150, 7175, 7178, 6061 and 6063 from stock

In the **TUBESALES** tradition.

TW Metals carries on the quality tradition of Tubesales, one of the most respected names in metal long products and services. As a result, we bring decades of specialized experience to your order.

Full processing capabilities.

TW Metals offers specialized cutting facilities for all types of aluminum materials, ensuring accurate, straight, and distortion-free cut lengths to the tolerances you require.

Certified quality system.

We insist that suppliers meet the highest quality standards in their industries, and conduct regular inspections. And, we maintain test certificates to ensure full material traceability, along with a library of all current international standards and customer specifications.

World class value.

TW Metals is committed to provide supply chain solutions with world class value. Our best in class systems, suppliers and people, ensure we consistently meet or exceed our customers expectations – worldwide.

So when you want the best in tube, pipe, bar/rod, extrusions, sheet and plate in stainless, aluminum, nickel, alloy, or titanium, think TW Metals. Call us today at 1-800-203-8000.



Specifications

Alloy	General Specification	ASTM	Latest Designation	Designer Specifications
2014	AMS4153	B221	AMS-QQ-A-200/2	
2024	AMS4152 AMS4164 AMS4165	B221	AMS-QQ-A-200/3	ASNA
2219	AMS4162 AMS4163	B221		BMS7-118 DMS2077
2224				BMS7-255
7050	AMS4340 AMS4341 AMS4342			DMS2227
7075	AMS4154 AMS4166 AMS4167 AMS4168 AMS4169	B221	AMS-QQ-A-200/11 AMS-QQ-A-200/15	ASNA
7150	AMS4345			BMS7-257 BMS7-306 DMS2256
7175	AMS4344			BMS7-244
7178		B221	AMS-QQ-A-200/13 AMS-QQ-A-200/14	
6061	AMS4150 AMS4160 AMS4161 AMS4172 AMS4173	B221	AMS-QQ-A-200/8	ASNA
6063		B221	AMS-QQ-A-200/9	

The above represents a sample of commonly supplied specifications only.