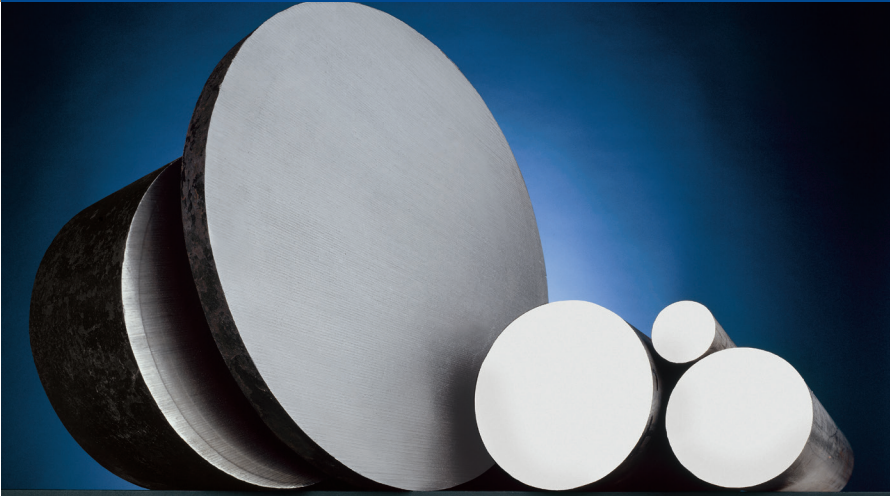


# ALLOY BAR



twmetals.com

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

**For the very best in alloy bar products, turn to TW Metals. We have the products, processing, pricing, and quality you're looking for.**

**The alloy bar products you need – when you need them.**

Grades..... 4330V AMS 6411  
4340VM AMS 6414  
4340 AMS 6415  
300M AMS 6419  
9310VM AMS 6265

TW Metals is recognized as the best specialty metals long products service center.

We have a long-term commitment to the aerospace products industry. And in the new millennium, we have achieved exceptional success in serving major defense prime contractors, critical aircraft part producers, and heavy industrial part manufacturers.

As a result, we have increased our inventory of alloy bar products to better serve customers who rely on these high quality grades.

Today, TW Metals also offers worldwide sourcing of engineered sizes. And because we maintain a deep inventory at our strategically-positioned locations nationwide, you're assured of on-time delivery.

## **In the TUBESALES<sup>®</sup> tradition.**

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

### **Full processing and supply chain support capabilities.**

We offer precision cut parts and supply programs to many of the world's top aerospace manufacturers. Our unique ability to support all members of the supply chain – from machine shop to end-user – gives our customers a real advantage. And now that advantage can be yours.

### **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.

### **Competitive prices.**

Best of all, TW Metals delivers all this quality, service, and value at highly competitive prices. And remember that additional products and alloys are available through customized supply programs tailored to your needs.

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



## The alloy bar products you need – when you need them.

- 4330V AMS 6411** . . . . . Strength, transverse mechanical properties fatigue strength, and resistance to crack propagation are features of this modified VAR alloy.
- 4340VM AMS 6414** . . . . . Structural aircraft parts, including many landing gear components, are among the usages of this ultra-high strength product.
- 4340 AMS 6415** . . . . . This air melt, aircraft-quality alloy meets heavy duty and high strength requirements.
- 300M AMS 6419** . . . . . Ductility, fatigue, fracture toughness, and impact are characteristics of this triple melt VAR alloy.
- 9310VM AMS 6265** . . . . . Cleanliness and reliability, resulting in high quality parts – especially gears – are end products of this vacuum arc re-melted product.

### SIZE

DIA.			WT. / FT.		
0.500	RD	0.668	5.000	RD	66.700
0.750	RD	1.502	5.250	RD	73.600
1.000	RD	2.670	5.500	RD	80.800
1.250	RD	4.170	5.750	RD	88.300
1.500	RD	6.008	6.000	RD	96.130
1.750	RD	8.180	6.250	RD	104.300
1.875	RD	9.388	6.500	RD	112.800
2.000	RD	10.700	6.750	RD	121.700
2.250	RD	13.500	7.000	RD	130.900
2.500	RD	16.690	7.250	RD	140.400
2.750	RD	20.200	7.500	RD	150.200
3.000	RD	24.030	8.000	RD	170.880
3.250	RD	28.200	8.500	RD	192.900
3.500	RD	32.700	9.000	RD	216.300
3.750	RD	37.500	9.500	RD	241.000
4.000	RD	42.700	10.000	RD	267.000
4.250	RD	48.200	10.500	RD	295.200
4.500	RD	54.080	12.000	RD	385.560
4.750	RD	60.250			