

# AEROSPACE STRUCTURES AND ENGINES

## HOT EXTRUDED ENGINEERED NEAR-NET SHAPES. FROM YOUR DESIGN TO OUR PROFILE.

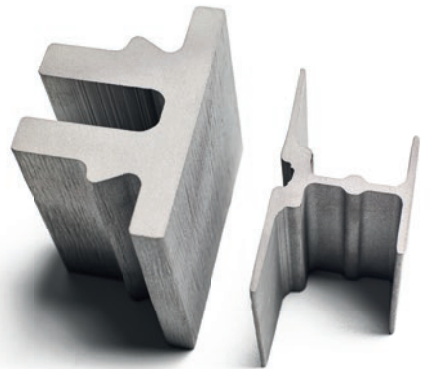
HOT EXTRUDED SPECIAL SHAPES, TUBES AND RINGS IN TITANIUM AND STEEL COMPLYING WITH THE MOST DEMANDING REQUIREMENTS. THE PERFECT SOLUTION FOR COMPLEX GEOMETRIES.



## KEY ADVANTAGES



- Near-net Shapes
- Improve Buy-to Fly ratio
- Reduce machining time
- Less material waste
- Wide range of geometrical shapes
- In-house metal forming and heat treatments
- Bending, cutting



### MATERIALS

TITANIUM  
STAINLESS STEEL  
SUPER ALLOYS  
COBALT-BASED STEEL  
NICKEL ALLOYS  
MARTENSITIC STEEL

### CERTIFICATION

- ✓ ISO 9001
- ✓ EN 9100
- ✓ NADCAP
- ✓ QUALIFIED SUPPLIER TO SAFRAN, AIRBUS, BOEING, BOMBARDIER AND MANY OTHERS

# GRADES AND SPECIFICATIONS

## TITANIUM

Ti 6AL-4V	Grade 5	AMS 4928	AMS 4935	AIMS-03-18-011	DMD 776	DMD 780
Ti 6-2-4-2	TiAl6Zr4MoSn	AMS 4975			DMD 710	
TA3V2.5	Grade 9					
Ti40	Grade 2	AMS 4902		ASTM B348	DMD 701	
Ti60	Grade 4	AMS 4901		ASTM B348	DMD 703	

## STAINLESS STEEL

AISI 304 L	X1CrNi18-10	AMS 5511			DMD 200	
AISI 321	X6CrNiTi18	AMS 5645			DMD 276	
I3-8-MO	X3CrNiMoAl13-08-02	AMS 5629			DMD 240	
I7-4 PH	X5CrNiCu17-4	AMS 5643			DMD 229	
I5-5 PH	X5CrNiCu15-5	AMS 5659			DMD 261	

## OTHER GRADES

Inconel 625	NiCr22Mo9Nb	AMS 5666			DMD 436	
Inconel 718	NiCr19Fe19Nb5Mo3	AMS 5662	AMS 5663		DMD 424	
Hastelloy X	NiCr21Fe18Mo9	AMS 5754	AMS 5798		DMD 491	
HA 188	CoCrNi22W	AMS 5772			DMD 408	

