

**wilsons**

Your First Choice



A world class supplier of metals in all key markets





# Constantly Exceeding Expectations



**wilsons**

An independent, privately owned business with a family ethos – Supplying high performance semi-finished metals and alloys to meet the demanding requirements of high technology industries in the UK, Europe and throughout the World for over 60 years.

- Aluminium, Stainless Steel, Carbon & Alloy Steels, Titanium, Copper Alloys & Nickel Alloys
- Aerospace and Commercial Specifications
- Massive Stock Range
- Extensive Processing Facilities
- UK & International Logistics

For over 60 years Wilsons have supplied leading edge aerospace programmes.

W Wilson first  
warehouse opens 1947



Hawker  
Hurricane



Supermarine Spitfire  
Mark 1a



Gloster 'Whittle' –  
Worlds First Jet



Since the first live ejection test  
in 1946, over 7,280 lives have  
been saved using a Martin-  
Baker ejection seat.



Dragonfly, flying for the  
first time in service with  
the Royal Navy.  
(Credit MilborneOne)



First flight of the first  
passenger jet, the De  
Havilland Comet

Wherever materials are required to operate in extreme environments Wilsons has a solution - Aerospace, Defence and the Process Industries are markets where Wilsons has long been a major supplier. Power Generation and Motor Sport are other sectors where Wilsons supports leading edge technology.

## Aerospace & Defence



## Cryogenics



## High Integrity Alloys

## Pharmaceuticals

Formula 1  
(and other motorsport)





C130 Hercules enters service



1st prototype Avro Vulcan Bomber flies



English Electric Lightning Fighter final design flies

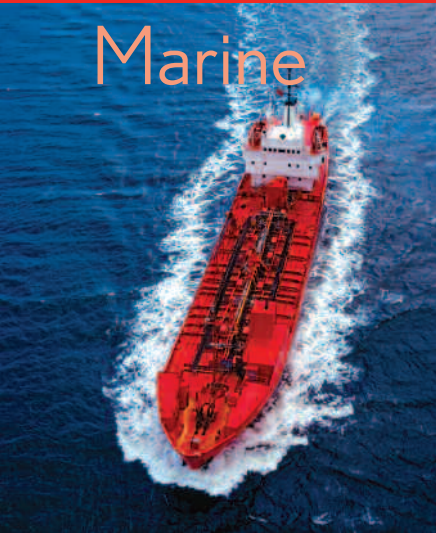


VTOL Hawker P1127 that led to Harrier



for Critical Applications

Marine



Food & Drink



A W Alloys opens 1966

W Wilson, Wilsons Alloys & A W Alloys merge 1987

Stock consolidated in Huntingdon - 1994

Wilson at Farnborough 2010



Concorde enters service



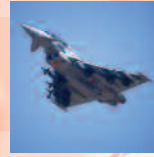
Boeing 747 - Largest passenger numbers ever



The Apache, twin-engined army attack helicopter enters service



Airbus A380 enters service - Now the largest commercial airliner



Maiden flight of production version of Eurofighter Typhoon



Oil & Gas  
(onshore & offshore)



Process Plant



High Temperature



Energy / Power Generation



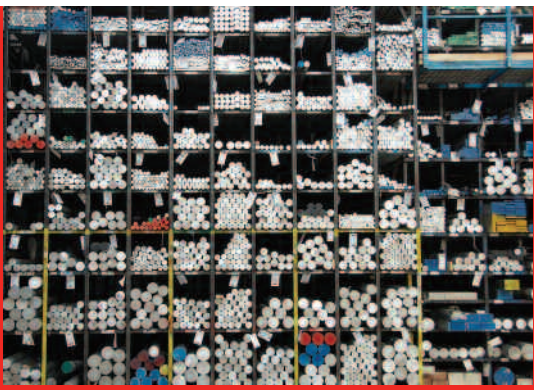
Nuclear



The stock range held by Wilsons is unequalled Aluminium, Stainless, Alloy and Carbon Steels, Nickel Alloys, Titanium and Copper Alloys. Over 3000 items totalling more than 10,000 tonnes of Aerospace released products - Just one example is Aluminium Alloy L168 Extrusions in over 500 different sizes.

In addition an extensive range of commercial materials including one of the UK's biggest ranges of Copper-Nickel fittings.

Aerospace  
Aluminium  
Titanium  
Nickel Alloys  
Copper Alloys  
Steel  
Exotics



**wilsons**

Responsive, Flexible, Reliable





# We Perform To Your Highest Standards

Metal	Form	Description
Aerospace Aluminum	Sheet	Alloys: 1000, 2000, 3000, 5000, 6000 & 7000
		Tempers: T3,T4,T8,T6, H28 Annealed, Super-Annealed, As rolled
		Sizes: 900mm x 600mm - 6700mm x 2000mm
	Plate	Alloys: 1000, 2000, 3000, 5000, 6000 & 7000 series
		Thickness: 6mm - 203mm
		Sizes: 2000mm x 1000mm - 4000mm x 2000mm
Bar	Bar	Alloys: 1000, 2000, 3000, 5000, 6000 & 7000 series
		Shapes: round, flat, square, angle, channel & hexagonal Tempers: O, T3, T3511, T4, T4511, T6, T6511, T73, T73511, H111, F, M
		Alloys: 1000, 2000, 3000, 5000, 6000 & 7000 Series
Tube	Tube	Tempers: O, T3, T4, T6, H14, H16, H111
Titanium	Bar	6AL4V, Grade 5,
	Sheet	6AL4V Grades 1,2,3,4,15
Nickel Alloys	Bar	Inconel 718, 625
	Sheet	Inconel 718, 625
	Tube	Inconel 718, 625
Copper Alloys	Bar	Aluminium Bronze, Phosphor Bronze, Tungham, Brass & Naval Brass
Steel	Bar	All Carbon, Alloy and Stainless Aerospace grades
	Sheet	Stainless



### Packaging

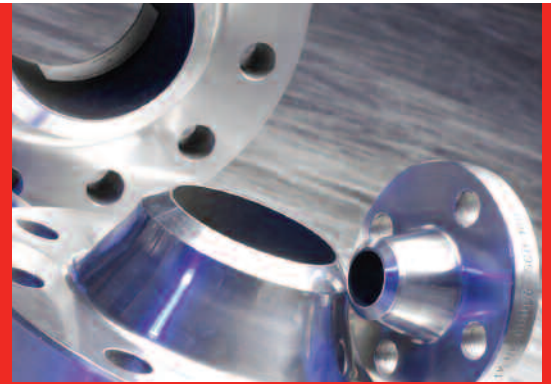
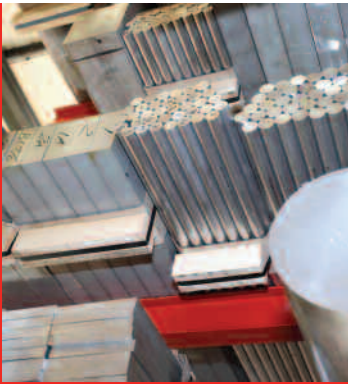
All goods are packed on site to the standards required for complete protection of the products according to the transport to be used. Bespoke packaging to customers' requirements is also available.

### Logistics

JIT, Kanban, Consignment Stocks, Direct Line Feed or any other form of supply.

To ensure on-time delivery Wilsons has a range of vehicles to provide a flexible solution to all transport needs. Each vehicle is fitted with a GPRS tracking system for security and route planning. This provides up to the minute live tracking allowing us to predict the time of customer deliveries if asked. In addition drivers have SatNav units within their cabs.

We also have a close working relationship with national overnight couriers to ensure next day deliveries for most UK locations including Northern Ireland. The transport department can also facilitate collections for urgent requirements.



# wilsons

# Services

### Processing Facilities

The latest Kasto bar saws deliver high-speed, accurate and burr-free cutting of bars up to 540mm. Plate saws provide cut blanks up to 155mm thick and up to 4m long. Guillotine cutting of Aluminium sheet up to 10mm thick and 3m long. In addition laser or water-jet cutting can be provided. Sheet can be poly-coated as required.

### Export

Export using air, sea and surface freight as well as courier delivery for small consignments is a core part of the Wilsons service.

Attention to every detail from quality assurance to packaging and documentation provides export customers with a complete service.

### Testing

As a service to customers Wilsons can on request provide ultrasonic flaw-detection testing, Spectrotest alloy verification, hardness testing and electrical conductivity testing.



Aerostructures Hamble

Aramco

Airbus UK

Augusta Westland Helicopters - SQA50

BAE Systems Regional Aircraft RALOA

Bremner Vulkan Shipbuilding

British Aerospace Group

BAe/AG/QC/SCI Part2

GE Aviation

GKN Cowes - SQA01

GKN Aerospace Services Structures (Yeovil)

Goodrich Aerospace

Hawker Beechcraft / HBQSC

HS Marston

Ipeco Europe Ltd

ISO 9001: 2008



FM 83502

## Some of the approvals held by Wilsons

British Airways

Britten Norman

BS EN 9120: 2005

BS EN 9100: 2003

Dowty Aerospace

Flight Refuelling

FR Aviation

Gemanischer Lloyd

Meggitt / Dunlop Aerospace Braking Systems

Messier-Dowty (PRIDE)

Moog Controls

Rolls Royce RR9000 (SABRE)

Short Brothers / Bombardier Aerospace

SKF Aerospace

Spirit Aerosystems

# wilsons

Designed and produced by Squarefox Design Limited [www.squarefox.co.uk](http://www.squarefox.co.uk)

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On Time - Every Time



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