

SMITHS
HIGH PERFORMANCE



Stock Programme

***Smiths High Performance
Multi Metal Stockholder***

www.smithshp.com

Aluminium

Round Bar	stocked	to	16" dia
Plate	stocked	to	12" thick
Sheet	stocked	to	.125"
Flat/Square Bar		from	.125" x .125"



Hex / Angles / Channels / Tube / Extrusions

Aluminium Alloys

1050	2011	5083	6062	7010	L93	L163	ALPLAN
1200	2014	5251	6063	7020	L95	L164	CONTAL
3103	2024	5754	6082	7050	L97	L166	CERTAL
	2618	4032	6262	7068	L111	L168	KASTAL
				7075	L115		UNIDAL

Stainless Steel

Round Bar	stocked	to	12" dia
Plate	stocked	to	6" thick
Sheet	stocked	to	.249"
Flat/Square Bar		from	.125" x .125"



Hex / Angles / Channels
Tube / Extrusions

Specifications 301 / 302 / 303 / 304 / 310
321 / 325 / 347 / 403 / 410
416 / 430 / 431 / 17-4 / 15-5 / 13-8

Locking Wire DTD189A 10 to 30swg

Magnesium

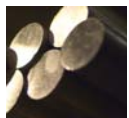
Round Bar / Plate / Tooling Plate /
Sheet Extrusions



Specifications AZ31 / AZ61 / AZ80 / ZC71 / AZM

Tungsten

93W-Ni-Fe	80W-Ni-Cu
95W-Ni-Fe	90W-Ni-Cu
97W-Ni-Fe	95W-Ni-Cu



Super Duplex Stainless

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Plate	stocked	to	6" thick
Sheet	stocked	to	.249"
Flat/Square Bar		from	.125" x .125"

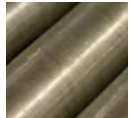


Hex / Angles / Channels
 Tube / Extrusions
 Forgings / Welding Consumables
 Castings / Flanges / Bolting

Specifications Ferrinox™ UNS S32550

Alloy and Carbon Steel

AISI 4130	S98
AISI 4340	S99
AISI 4140	S154
AISI 4149	S156 S155 S514
AMS 6491 AMS 6514	OvaX 200
15 CDV 6	OvaX 600
40 CDV 20	OvaX 800
16 NCD 13	Full range in commercial and aerospace
16 NCD 17 32 CDV 13	



Titanium

Round Bar	stocked	to	12" dia
Plate	stocked	to	6" thick
Sheet	stocked	to	.249"
Flat/Square Bar / Hex / Angles / Tube / Extrusions			



Specifications CP Grades 6Al-4V 3Al-2.5Sn
 Aerospace and Commercial Stocks

Nickel and Copper Alloys

ALLOY	200	400	617	800
	201	600	625	825
	276	601	718	K-500

Strip / Sheet / Bar / Tube



Aluminium Bronze

Round Bar

AMS 4640 / DTD 197a / B23 / CA 104



Beryllium Copper

Alloy 3

Alloy 25

Alloy 10

Alloy 165

Alloy 14



Services

Fully automatic bar saw cutting to 14" dia

Plate sawing and profiling up to 16" thick

Extrusion cutting to precision tolerance

Guillotining, Chamfering, Milling, Drilling Turning and Tube Boring.

In House Quality Assurance Testing

U.K.A.S. Accredited Testing Laboratory No: 1930 offering:

Spectroanalysis - Full Chemical Analysis

Vickers and Rockwell hardness testing

Metallographic Examination

Leco Testing

2 Fully Qualified Metallurgists

Among many other services both internal and external



Smiths High Performance is a leading stockholder and supplier of engineering materials to high technology industries such as motorsport and aerospace.

- ***A complete range of commercial and speciality alloys***
- ***Fast delivery within the UK & Worldwide***
- ***In-house material testing laboratory***
- ***A range of cutting and processing facilities***
- ***Supply chain & logistics management***



SMITHS HIGH PERFORMANCE

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