

High performance materials for high performance applications



HIGH STRENGTH ALLOYS

ALUMINIUM ALLOYS

COPPER ALLOYS

STAINLESS STEEL

ENGINEERING STEELS

SPECIAL STEELS

SUPERALLOYS

TITANIUM

MAGNESIUM

TUNGSTEN

PLASTICS

Smiths High Performance is a supplier of commercial and special alloys to the UK's most demanding industrial market sectors.

We stock a wide variety of commercial and speciality alloys and offer complete supply solutions including full inventory and logistics management.



- A complete range of commercial and speciality alloys
- Fast delivery within the UK & Worldwide
- UKAS certified in-house material testing laboratory
- Comprehensive cutting & processing facilities
- Supply chain & logistics management specialist

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Smiths High Performance is a trading division of Smiths Metal Centres Ltd (Reg. 3485838)

Giving you genuine choice so that you get the right material for your application...

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		6262	7068	L111	L168	KASTAL
				7075	L115		UNIDAL

COPPER ALLOYS

BRASS & BRONZE ALLOYS
ALUMINIUM BRONZE
PHOSPHOR BRONZE
COPPER
COPPER NICKEL ALLOYS

BERYLLIUM COPPER
Alloy 10
Alloy 14
Alloy 33-25
Alloy 165

STAINLESS STEELS

1.4301 (304 S31)	1.4016 (430 S17)	6S80	13/8 PH	(nearest BS970)
1.4305 (303 S31)	1.4005 (416 S21)	2S130	15/5 PH	
1.4306 (304 S11)	1.4006 (410 S21)	2S143	17/4 PH	
1.4310 (302 S31)	1.4021 (420 S29)	2S144	AMINOX	
1.4401 (316 S31)	1.4028 (420 S45)	2S145	FERRINOX	
1.4404 (316 S11)	1.4029 (416 S37)	S526		
1.4429 (316 S63)	1.4057 (431 S29)	S527	DUPLEX STEELS	
1.4541 (321 S31)	1.4125 (AISI 440C)		SUPER DUPLEX STEELS	
1.4000 (403 S17)			SUPER AUSTENITIC STEELS	

ENGINEERING STEELS

080A15 (EN3B)	655M13 (EN36)	709M40 (EN19)
080M40 (EN8)	817M40 (EN24)	905M31 (EN41)
230M07 (EN1A)	080M15 (EN32)	
605AM36 (EN16)	722M24 (EN40B)	

SPECIAL STEELS

AISI 4130	AMS 6514	32 CDV 13	S514
AISI 4340	15 CDV 6	S98	OvaX 677
AISI 4140	40 CDV 20	S99	OvaX 277
AISI 4149	16 NCD 13	S154	
AMS 6491	16 NCD 17	S156	

TITANIUM

Titanium Alloys	Commercially Pure
Ti-6Al-4V	GR1
Ti-3Al-2.5V	GR2
Ti-6Al-2Sn-4Zr-6Mo	GR3
Ti-6Al-6V-2Sn	GR4

MAGNESIUM

WE54-T6	AZ61A-F
WE43A-T6	AZ31B-F
ZW3	AZ81

TUNGSTEN

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

PLASTICS

ABS	HDPE	CAST NYLON	POLYPROPYLENE
ACRYLIC	NYLON 12	ACETAL	POLYCARBONATE
CARP	NYLON 6 & 66	PEEK	PTFE
ECTFE	PET-P	PEI	PVC



FLATS
TEE SECTION
CHANNEL
HEXAGON
ROUND
SQUARE
SHEET
BESPOKE EXTRUSIONS

ROUND TUBE
FLAT TUBE
SQUARE TUBE
HOLLOWS
ANGLES
STRIP
PLATE



NICKEL ALLOYS

NICKEL - COPPER
NICKEL - CHROMIUM
NICKEL - IRON
NICKEL - MOLYBDENUM
NICKEL - CHROMIUM - MOLYBDENUM
NICKEL - CHROMIUM - IRON

COBALT ALLOYS

IRON ALLOYS

