

UGITECH
Stainless steel
solutions for the
aerospace industry



UGITECH

Providing special steel solutions



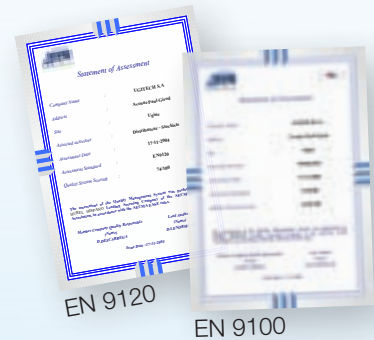
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UGITECH
The benchmark
stainless steel for
aerospace applications

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Our products are already recognized by the leading names

Airbus
Aircelle
Augusta Westland
Dassault
Eurocopter
Hispano Suiza
Liebherr
Messier-Bugatti
Microturbo
Sagem
Sofrance
Sneema
Turboméca



What we can offer

A wide range of products and finishes

Bars: Constant metric weight, hot rolled and descaled, turned, turned and polished, turned and fine polished, drawn, ground, ground and polished, strain hardened.

Wire rod: A variety of finishes are available upon request (coated wire, shaved wire, etc.).

Drawn wire: Matt or bright finish, soap-coated (spring applications), coated with SPRICOAT/MOS2 (cold heading applications).

A wide range of sizes

Billets:

■ Ø 50 to 140 mm

Bars:

● Ø 1.5 to 350 mm

● Ø 3 to 60 mm

■ Ø 3 to 60 mm

Other shapes: Contact us

Wire rod:

● Ø 5 to 32 mm

● Ø 12.4 à 28 mm

Drawn wires:

● Ø 0.013 to 12 mm

♣ Profiles: section from 2 to 70 mm²

(see specific literature)

Stock & services

Dedicated stock, deliveries from a few kilograms to several tonnes, and specific services (continuous marking, cutting, heat treatments, drilling, etc.).

Grades

Our grades comply with over 1900 standards and specifications.

The following list is non-exhaustive, so don't hesitate to contact us.

Nickel base

Drawn wires and bars

HQ 400 – UNS 04400	2.4360	Alloy 400
HT 600 – UNS N06600	2.4816	Alloy 600
HT 625 – UNS N06625	2.4856	Alloy 625
HT X750 – UNS N 07750	2.4669	Alloy X
HT 718 – UNS N07718	2.4668	Alloy 718
HT 90 – UNS N 07090	2.4632	Alloy 90
HT 80 – UNS N07080	2.4952 / 2.4631	Alloy 80A

Cobalt base

Drawn wires and bars

PHYNIX – UNS R30003
HT35N – UNS R30035



Stainless & maraging steel

Type of steel	EN	AISI	UNS	International names	Usual names	Standards or Specifications		
Austenitics	1.4541	321	S32100	GB: S129	Z10CNT18-10 Z6CNT18-10 X6CrNiTi18	AIR 9160 C ASNA3202 AMS5645 CR 1.3.0.5 SM16602 LA 31	DMD 276-22 ASNA3139 BLFE248101 DMD 0276-22 prEN 2462 LA 297	AMS-QQS763 321 BLFG248101 prEN 3487 GAM MM02
	1.4307*	304L	S30400		Z2CN18-10 Z3CN18-10 Sa 304L X2CrNi18-10 X2CrNi18-9	AIR9160C ASNA3366 SM16601 ASNA6097 AMS5639	SM16601 LA 312 GAM MM02 AMS QQS763 CR1.3.0.5	CR 1.3.0.28 DMD 0200-22 prEN2465 LA 265 DMD200
	1.4909	316L	S31600		1.4436 - 1.4432 Z3CND 18-12 Z2CND 17-12 X2CrNiMoN17-12-2	NF EN 10088.3 ASTM/ASME AMS-QQS763	GAM MM02 AMS-QQS763 AMS5648	NFA 35558 AMS5653 SM16604
	1.4550	347	S 34700	D: 1.4546 GB: S130	X5CrNiNb18-10	AMS 5646	2S130	
	1.4944	660	K66286		Z6NCTDV 25-15 E Z6NCT 25	ASME/ASTM prEN 4138 AMS5731 AMS5734	ASNA3203 DMD 274-22 AMS5732 AMS5737	ASNA3142 SM16706 AIR9160C prEN 4315
	1.4310	301	S30111		X10CrNi18-10	AMS-QQS763 321		
	1.4300/1.4310	302	S30200		X12CrNi18-8	AMS 5636-5637-5688 - QQS-763		
	1.4305*	303	S30300		X8CrNiS18-9	AMS 5640		
	1.4404*	316L	S31600		X2CrNiMo17-12-2	AMS 5648		
	1.4845	310	S31000	BS 1449 310S24	X8CrNi25-20	QQ-S-763		
Martensitics	1.4057	431	S43100	D: 1.4044 GB: S80	Z15CN16-02 Z15CN17-03	NFEN 1008863 ASNA 3138 ASNA 3299 DMD 0280-20	LA 314 ASTM CR 1.3.0.55C	AIR 9160C prEN 3490 et 3491 SM16503
	1.4542	630	S17400	174PH	Z6CNU 17 04 17-4 PH Z6CNU 17 X5CrNiCuNb 15 5	AMS 5643 prEN 2775 NFA 35558 ASTMA 564 DMD 229-20	BLFE218101 BLFG218101 prEN 2774 ASME SA 564 NCT15-144-13	prEN 2915 AMS 5643 CCT LA 196
	1.4418			GB: SF 16/5/1		ASNA6099 CR 1.3.0.55 prEN C5/349	NCT 15-142-12/14 SM16703/1 LA 287	LA 244 AIR9160C
	17-4PH ESR 1.4548	630	S17400	D: 1.4548 GB: SF 17/4	UNS 17400 X5CrNiCuNb17 4 4	AMS 5622 type 2 (17-4ph) AMS 5643		WL 1.4548 Teil 1 - 14548.4
	15-5PH ESR 1.4545	630	S15500	D: 1.4545 GB: SF15/5	X5CrNiCuNb16 4 X5CrNiCuNb15 5 Z7CNU15 5	AMS 5659 Type 2 (15-5ph) prEN 2815 LAT 1.9037		AMS 5643 NCT15-144-02 ASNA3294 prEN 2817
	1.4028	420	S42000		X30Cr13	AMS 5655	AIR 9160C	
	1.4913				X19CrMoNbVN11-1	EN 10269 EN 10302		
	1.4923			D: 1.4934	X22CrMoV12-1	EN 10269 EN 10302		
	1.4926				X21CrMoV12-1	SEW 555		
	1.4935	422	S42200		X20CrMoWV12-1	EN 10302	CR 1.3.0.0093	
1.4938			D: 1.4939	X12CrNiMoV12-3 - X12CrNiMo12	EN 10269 EN 10302			
Construction steels	1.5815			DIN 1.5815	35NC6 36NiCr 6-4	ASNA3195 CR 1.3.0.0093 CR 1.3.0.32	ASNA3131 SM15606	AIR9160C LA307
	1.6747			DIN 1.6747	30NCD16 30NiCrMo 16-6	BLFE128101 CR 1.3.0.1	SM15609 DMD 108.20	AIR9160C LA 306

*A high machinability UGIMA® version is available





UGITECH production plants

Bars

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Wire rod

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Drawn wire

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a team of 2000 working together for you around the world



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