

Ugitech

Stainless steel solutions
for the aerospace industry



UGITECH

Providing special steel solutions



Ugitech – The benchmark stainless steel for aerospace applications

References that make all the difference

Airbus, Airbus Helicopters, Alcoa, Dassault Aviation, Liebherr Aerospace, Lisi Aerospace, PCC Fasteners, Skf Aerospace, UTC Aerospace Systems, Zodiac...
Groupe Safran: Aircelle, Hispano Suiza, Messier Bugatti-Dowty, Microturbo, Sagem, Sofrance, Snecma, Turboméca...

Ugitech is a member of BNAE
European Aeronautic Standardization
Ugitech is certified EN 9100 and EN 9120



What we can offer

Bars

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

A wide range of sizes

Billets:	■	50 to 140 mm
Bars:	●	1.5 to 350 mm
	◆	3 to 55 mm
	■	20 to 100 mm

Other shapes, diameters and dimensions: contact us.

Remelted (ESR) and non-remelted products according to specification.

Wire rod/Drawn wires

Wire rod:	●	5 to 32 mm
	◆	12.4 to 28 mm
Drawn wires:	●	0.013 to 12 mm
	◆	Profiles: section from 2 to 70 mm ²

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

Stock & services

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

Factory production

Minimum quantity for ex-factory orders from 800 kg

Grades

Nickel base

Drawn wires and bars < 15.0 mm	
HQ 400 - UNS N04400	2.4360
HT 600 - UNS N06600	2.4816
HT 625 - UNS N06625	2.4856
HT X750 - UNS N07750	2.4669
HT 718 - UNS N07718	2.4668
HT 90 - UNS N07090	2.4632
HT 80 - UNS N07080	2.4952 / 2.4631

Cobalt base

Drawn wires and bars < 15.0 mm	
HT 605 - UNS R50605	2.4964
KC35N - UNS R30035	2.4999
WASPALOY - UNS N07001	2.4654

Stainless steels

DIN EN	AISI	UNS	Brand names	Usual names	Standards or Specifications ²			
AUSTENITICS								
1.4541	321	S32100	UGI® 4541Q	Z10CNT18-11 Z6CNT18-10 X6CrNiTi18 X6CrNiTi18-10 X10CrNiTi18-11	AIR 9160C AMS 5645 AMS-QQ-S-763 ASNA 3139 ASNA 3202	ASTM A479/A479M BLFF 248101 BLFG 248101 CCT 297 MA-625-12	DGQT 1.3.0.0005 DMD 276-22 HMDM 0065 NCT15-143-43	NF EN 3487 SM16602 WL 1.4544.9 BS 2 S129
1.4307 ¹	304L	S30400 S30403	UGI® 4307Q UGIPURE® 4307Q UGIMA® 4307 UGIMA® 4307HM	Z2CN18-10 X1CrNi18-10 X2CrNi19-11 X2CrNi18-9	AIR 9160C AMS 5639 AMS 5647 AMS-QQ-S-763 ASNA 3366	Ma 0605-12 ASTM A479/A479M ASTM A276/A276M	CCT 312 DGQT 1.3.0.0005 DMD 0200-22 NCT15-143-03	NF EN 2465 SM16601 WL 1.4314.7
1.4404 ¹ / 1.4909	316L	S31600 S31603	UGIPURE® 4909 UGIMA® 4404HM	X2CrNiMo17-12-2 X5CrNiMo17-12-2	AMS 5648 AMS 5653	AMS-QQ-S-763 ASTM A479/A479M	ASTM A276/A276M	SM16604 NCT15-143-81
1.4550	347	S 34700	UGI® 4550Q	X6CrNiNb18-10	AMS 5646	WL 1.4546.9	BS 2 S130	
1.4944	660	S66286	UGI® 4944	X6NiCrTiMoV26-15 E-Z6NCT25 Z5NCTDV25-15B X6NiCrTiMoVB25-15-2	ASTM A638/A638M Type 2 ASTM A453/A453M Type B	DMD 274-22 FDA35570 HMDM 0014	NFEN10269 NF EN4315 SM16706	
1.4310	302	S30200	UGI® S4310-6	X10CrNi18-8	AMS 5636 AMS 5637	AMS-QQ-S-763		
1.4305 ¹	303	S30300	UGI® 4305 UGIMA® 4305 UGIMA® 4305HM	X8CrNiS18-9	AMS 5640			
1.4845	310	S31000	UGI® 4845	X8CrNi25-21	AMS-QQ-S-763			
MARTENSITICS								
1.4057	431	S43100	UGI® 4057FG UGI® 4057 AIR ³	X15CrNi17-3 X15CrNi17-03 Z15CN17-03	AIR 9160C ASNA 3138 ASNA 3299 ASTM A479/A479M	CCT 314 DMD 0280-20	NCT15-142-03 NCT17-142-06 NF EN 3490	NCT10-140-01MD SM16503 WL 1.4044.6
1.4542	630	S17400	UGI® 4542Q UGI® 17-4PH AIR ³	17-4 PH X5CrNiCu17-4 Z5CNU17	AMS 5643 ASTM A564/A564M BLFG 219101	DMD 229-20 HMDM 0090 HMDM 0063	NCT17-144-12 NCT17-144-13 NCT17-144-14 NCT17-144-10	NF EN 3160 NF EN 3161
1.4418			UGI® 4418Q UGI® 4418 AIR ³	X5CrNiMo16-5 X4CrNiMo16-5-1 Z8CND17-04 Z6CND16-05-01	AIR 9160C ASNA 6099 ASNA 6095 CCT 244	E/DA/T 999815 NCT15-142-12/14/15	NCT10-140-01MD NF EN 4628 NF EN 4631	SM16703 Ma-0660-12
17-4PH ESR	630	S17400	UGI® 17-4PH AIR ³	X5CrNiCu17-4	AMS 5622 Type 2 AMS 5643	BLFE219101 HMDM 0063	WL 1.4548.4 WL1.4548.9	
15-5PH ESR	630	S15500	UGI® 15-5PH AIR ³	X5CrNiCu15-5 E-Z5CNU15	AMS 5659 Type 2 DMD 261-20	HMDM 0060 NCT15-144-03 / 01 NCT17-144-02	NF EN 2815 NF EN 2817 NF EN 2821	WL 1.4545.4 WL 1.4545.9 ASTM A564/A564M
1.4028	420 420B	S42000 S42010	UGI® 4028 UGI® 4028 AIR ³	Z30C13 X30Cr13	AIR 9160C AMS 5655	CCT 211 NCT10-140-01MD	NCT15-147-01 NCT15-147-02	NCT15-147-03 DMD 216-20
1.4913			UGI® 4913	X19CrMoNbVN11-1	EN 10269 EN 10302			
1.4923			UGIPURE® 4923	X22CrMoV12-1	EN 10269 EN 10302			
1.4935	422	S42200	UGIPURE® 422	X20CrMoWV12-1	EN 10302			
1.4938 / 1.4939			UGIPURE® 4938 UGIPURE® 4939	X12CrNiMoV12-3	EN 10269 EN 10302	WL 1.4939		
1.4006	410	S41000	UGI® 4006A	X12Cr13	AMS 5613			
CARBON STEEL								
1.5815			NC35A	35NC6 34NiCr6 35NiCr6	AIR 9160C ASNA 3195 ASNA 3131	ASNA 3132 DGQT 1.3.0.32 DGQT 1.3.0.0093 DMD 110-20	NCT 15-125- 03/04/05/06	NF EN 2438 CCT 307 BLFF 108101

¹ A high machinability UGIMA® version is available for application connectors

² Other specifications on requirement

³ xxxAIR is the new name for all our grades dedicated to the aerospace industry



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