



Company

With almost 100 years' expertise in metallic materials, STAINLESS Group **offers a wide range of high-performances alloys and services to high technological value sectors**, especially in the medical, micro-technical and aerospace fields. STAINLESS Group provides a wide range of high-quality metallic grades and services to medical device manufacturers, particularly those producing orthopedic, trauma, spine, stent and dental implants, their ancillaries and surgical instruments.

Our stock includes **Stainless steel grades** (1.4441 | 1.4472 - M30NW® | 17-4PH | 1.4543 | 1.4614...), **Cobalt based alloys** (M64BC®, BIODUR®, CCM®...) and **Titanium** distributed worldwide in bars, tubes, flat bars, forged blocks, strips, sheets, powders.

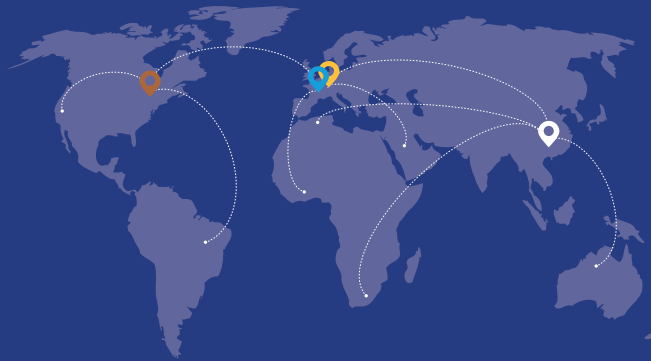
We provide a dedicated range of **biocompatible medical** grades adapted to sector requirements (grain size, corrosion resistance, wear resistance, tensile strength, polishability, ...).

Based on the ISO 9001, ISO 13485 & EN9120 quality standards, Stainless is constantly identifying new avenues of progress in order to meet the most stringent quality and productivity requirements.

Beyond managing the supply of its customers in terms of quality, costs & lead times, Stainless is also involved in providing its own technical expertise: recommending materials to suit applications, training R&D or purchasing teams, optimizing the conditions of use of the materials supplied (machining, technical treatment processes...), metallurgical analyses, etc. supporting its customers in their search for the most suitable materials, and providing technical expertise in its in-house laboratory.



**Close to you,
everywhere in the world**



Contact details:

STAINLESS
4 Rue Thalès
25410 Dannemarie-sur-Crête
FRANCE
+33 (0)3 81 48 57 40
info@stainless.eu



SERVICES AND PRODUCT RANGE FOR MEDICAL

**High quality materials
for implants and
instrumentation**



Supporting High-tech industries since 1928

- Optimal responsiveness
- Adapted stock specific to the medical sector making it possible to deliver on available stocks, whatever the volume
- Quality and traceability
- Additional services (custom cutting – chamfering – customised stock management, ...)
- Technical support
- International logistics organisation for fast and effective local service



Stock range

✓ Stock ✎ Upon request

AVAILABLE SHAPES



GRADES

INTERNATIONAL STANDARDS

Titanium & Titanium alloys		Round bars	Tubes	Flat bars	Sheets	Strips	Powders	Forged blocks
Ti 6Al-4V ELI - Grade 23 - 3.7165	ASTM F136 - ASTM F1472 - ISO 5832-3	✓						
Ti Grade 2 - 3.7035	ASTM F67 - ISO 5832-2	✎						
Ti Grade 4 - 3.7065	ASTM F67 - ISO 5832-2	✎						
Ti Grade 4 CW - 3.7065	ASTM F67 - ISO 5832-2	✓						
TiAl6Nb7 - 9.9367	ASTM F1295 - ISO 5832-11	✎						

Cobalt based alloys

M64BC® - BIODUR CCM® - 2.4979	ASTMF1537 - ISO 5832-12	✓						
L605 - XSH® - HAYNES 25® - 2.4964	ASTM F90 - ISO 5832-5	✓						
Phynox® - Elgiloy® - 2.4711	ASTM F1058 - ISO 5832-7	✎						
MP35N® - 2.4782	ASTM F562 - ISO 5832-6 - AMS 5844	✎						

Stainless steels

Implantable austenitic stainless steels		Round bars	Tubes	Flat bars	Sheets	Strips	Powders	Forged blocks
1.4441 - 316LVM - S31673	ASTM F138 - ASTM F139 - ISO 5832-1	✓						
1.4472 - M30NW® - 316DN® - S31675	ASTM F1586 - ISO 5832-9	✓						
BIODUR 108® - S29108	ASTM F2229	✎						
Precipitation hardening stainless steels (type PH)								
1.4542 - 17-4PH - AISI630 - S17400	ASTM F899 - NF S94-090 - AMS 5643 - EN10088-3	✓		✓				✓
1.4543 - Custom® 455 - MX455 - XM16 - SWP 455 - S45500	ASTM F899 - NF S94-090 - AMS 5617	✓		✎				
1.4614 - Custom® 465 - SWP465 - S46500	ASTM F899 - AMS 5936	✓		✎				
Martensitic stainless steels for quenching and tempering (type QT)								
1.4021 - 420A	ASTM F899 - NF S94-090 - EN10088-3	✓		✓				✓
1.4028 - 420B	ASTM F899 - NF S94-090 - EN10088-3	✓						
1.4034 - 420C	ASTM F899 - NF S94-090 - EN10088-3	✓						
1.4057 - S43100 - APX®	ASTM F899 - NF S94-090 - EN10088-3 - AIR9160C	✓		✓				✓
1.4108 - S42027	ASTM F899	✎						
1.4109-440A	ASTM F899	✓						
1.4112 - 440B	NF S94-090 - EN10088-3	✓		✓				✓
1.4123 - 420Mod - X15TN®	ASTM F899 - NF S94-090 - EN10088-3	✓						
1.4125 - 440C	ASTM F899 - NF S94-090 - EN10088-3	✓						✓
1.4197 - 420FMod	ASTM F899	✓						
4028Mo	ASTM F899							✎
Austenitic stainless steels								
1.4301 - 304	ASTM F899 - NF S94-090 - EN10088-3	✓		✎				✓
1.4305 - 303	ASTM F899 - NF S94-090 - EN10088-3	✓						✓
1.4307 - 304L	ASTM F899 - NF S94-090 - EN10088-3	✓						
1.4401 - 316	ASTM F899 - NF S94-090 - EN10088-3	✓						
1.4404 - 316L	ASTM F899 - NF S94-090 - EN10088-3	✓		✎				✓

Services center

Stainless combines the performance and quality of its materials with recognised logistical expertise to provide a sustainable response to the most innovating markets global technological challenges.

As a true partner of the world's leading manufacturers, we bring our added value by processing these materials using our wide range of technologies and processes.



CUSTOMIZED STOCK MANAGEMENT

Consignment stock dedicated stock with delivery on request.



CUSTOM CUTTING

Sawing of bars, tubes, flat bars and blocks.



CHAMFERING, TURNING, GRINDING



METALLURGICAL ANALYSIS LABORATORY

A new 40m² expertise laboratory equipped with a wide range of equipment to support all customers in their new developments.



OTHER SERVICES

Surface treatment
Heat treatment
Product identification...