



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**



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SERVICES AND PRODUCT RANGE FOR MEDICAL

**High quality materials
for implants and
instrumentation**



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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

GRADES	INTERNATIONAL STANDARDS	AVAILABLE SHAPES				
		Round bar	Sheet	Flat bars	Powder	Wire
IMPLANT MATERIALS						
Titanium and titanium alloys						
Ti 6Al-4V ELI Grade 23 3.7165	ASTM F136 - ASTM F1472 - ISO 5832-3	✓	✓	✓	✓	✓
Ti Grade 2	ASTM F67 - ISO 5832-2	✓	✓	✓	✓	✓
Ti Grade 4	ASTM F67 - ISO 5832-2	✓	✓	✓	✓	✓
Ti Grade 4 CW	ASTM F67 - ISO 5832-2	✓				
TiAl6Nb7	ASTM F1295 -ISO 5832-11	✓				
Stainless Steel						
1.4441 - 316L ou LVM - S31673	ASTM F138 - ASTM F139 - ISO 5832-1	✓		✓	✓	✓
1.4472 - S31675 / M30NW® / BIODUR 734®	ASTM F1586 - ISO 5832-9	✓		✓		
BIODUR 108®	ASTM F2229	✓				
Cobalt-based alloys						
M64BC® - BIODUR CCM® 2.4979	ASTMF1537 - ISO 5832-12	✓			✓	
L605, XSH® - HAYNES 25®	ASTM F90 - ISO 5832-5	✓	✓			
MP35N®	ASTM F562 - ISO 5832-6	✓				✓
PHYNOX-ELGILOY®	ASTM F1058 - ISO 5832-7	✓				✓
STAINLESS STEELS FOR INSTRUMENTS						
Martensitic for quenching/tempering (type QT)						
1.4108 - S42027	ASTM F899	✓				
1.4197 - 420F Mod	ASTM F899 - NF S94-090	✓				
1.4057 - 431	ASTM F899 - NF S94-090	✓		✓		
1.4028 - 420B	ASTM F899 - NF S94-090	✓		✓		
1.4021 - 420A	ASTM F899 - NF S94-090	✓	✓	✓		
1.4123 (X15TN®) - 420 Mod	ASTM F899 - NF S94-090	✓		✓		
1.4034 - 420C	ASTM F899 - NF S94-090	✓	✓	✓		
1.4125 - 440C	ASTM F899 - NF S94-090	✓		✓		
1.4112 - 440B	ASTM F899 - NF S94-090	✓	✓	✓		
1.4109 - 440A	ASTM F899 - NF S94-090	✓				
Martensitic with structural hardening (PH type)						
1.4542 - 17-4PH - AISI630	ASTM F899 - NF S94-090	✓	✓	✓	✓	
Custom® 455 - MX455 - 1.4543 - XM16 - SWP455	ASTM F899 - NF S94-090	✓		✓		
Custom® 465 - 1.4614 - SWP465	ASTM F899	✓		✓		
Austenitic						
316L - 1.4404	ASTM F899 - NF S94-090	✓	✓	✓	✓	
316 - 1.4401	ASTM F899 - NF S94-090	✓		✓		
304 - 1.4301	ASTM F899 - NF S94-090	✓	✓	✓		
304L - 1.4307	ASTM F899 - NF S94-090	✓		✓		
303 - 1.4305	ASTM F899 - NF S94-090	✓		✓		
Nitronic®60 - S21800	ASTM F899	✓				

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...