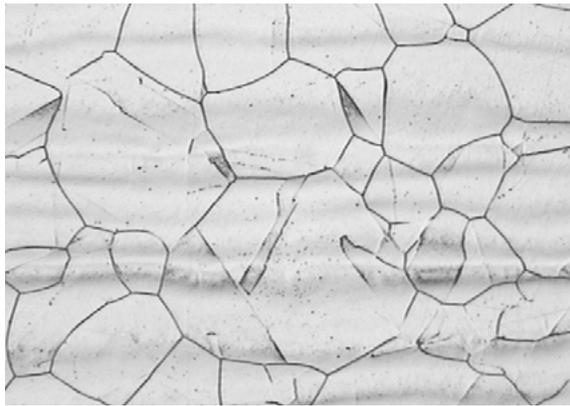


MEDICAL LABORATORY TESTING OF IMPLANTABLE STAINLESS STEELS

FORECREU cannulated bars are designed to comply with both ISO and ASTM requirements

MICROGRAPHIC ISO AND ASTM SPECIFICATIONS

- Grain size according to ASTM E112
- Free of Delta ferrite
- Micro inclusion according to ASTM E45 method A
- Corrosion test according to ASTM A262-E.
ID quality is free from any evidence of carbon pickup, thus affecting corrosion resistance.



Microstructure x 275 / longitudinal

Chemical Analysis										
ISO 5832-1 and ASTM F138										
	%C	%Mn	%Si	%P	%S	%Cr	%Mo	%Ni	%N	%Cu
Mini	≤	≤	≤	≤	≤	17.0	2.25	13.00	≤	≤
Maxi	0.030	2.00	0.750	0.025	0.010	19.0	3.00	15.00	0.10	0.50

ISO 5832-1 and ASTM F138											
	%C	%Mn	%Si	%P	%S	%Cr	%Mo	%Nb	%Ni	%N	%Cu
Mini	≤	2.00	≤	≤	≤	19.0	2.00	0.25	9.0	0.25	≤
Maxi	0.060	4.25	0.75	0.025	0.010	22.0	3.00	0.80	11.00	0.50	0.25

- $(Cr\%+3.3*Mo\%) \geq 26$
- $(Cr\%+3.3*Mo\%+15*N\%) \geq 32$
- $Cr\%+3.3*Mo\%+15*N\% \geq 32$

SAMPLING PROCEDURE

- Each and every batch is sampled according to ANSI / ASQC Z1.4 1993.

Please contact our office for any additional information or documentation. Dimensional information and technical drawings in this document are for reference only. Some of the product characteristics indicated in this document may be modified at any time at the company's discretion. Our company is not responsible for the use of our products outside standards prescription and what our commercial documents are indicating.