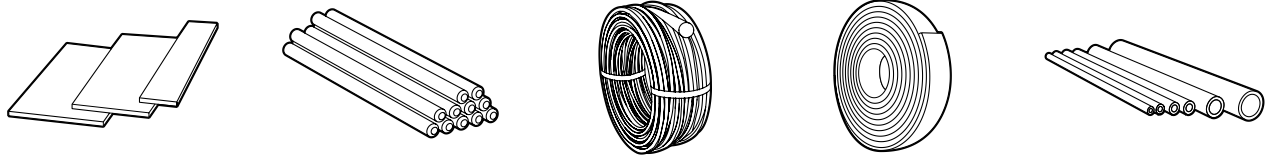


MEDICAL ALLOYS LINECARD MATERIALS FOR INSTRUMENTS



CERTIFIED TO ISO 9001



Type/ Designation	Zapp-brand name	EN-No.	AISI	UNS-No.	Standard		Product Form				
					ISO	ASTM	Wire	Bar	Profile	Sheet	Strip

GRADES FOR INSTRUMENTS

Martensitic Stainless Steel

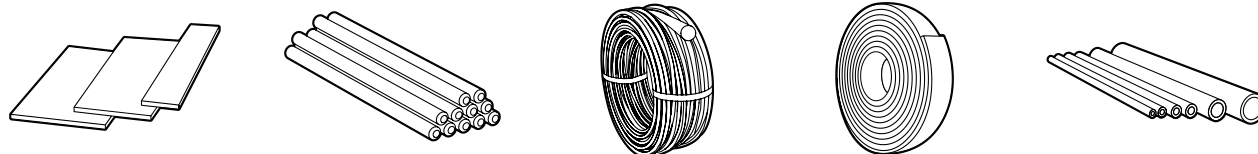
13 % Cr	Ergste 1.4021YB	1.4021	420A	S42000	7153-1	F899	■	■	■	■		
13 % Cr	Ergste 1.4028YN	1.4028	420B	S42000	7153-1	F899	■	■	■			
13 % Cr	Ergste 1.4028MO	1.4028	420X (+Mo)	S42026	-	F899						■
13 % Cr	Ergste 1.4031YC/ YE	1.4031	~ 420X	S42000	-	-	■	■	■			
13 % Cr	Ergste 1.4034YK	1.4034	420C	S42000	7153-1	F899	■	■	■			
13 % Cr	Ergste 1.4035YU	1.4035	420C (+S)	-	-	-	■	■	■			
13 % Cr	Ergste 1.4037YR	1.4037	420	S42000	7153-1	-				■	■	
13 % Cr	Ergste 1.4197YU	1.4197	420F mod.	-	-	F899	■	■	■			
17 % Cr	Ergste 1.4057YE/ YN	1.4057	~ 431	~ S43100	-	-	■	■	■			■
17 % Cr	Ergste 1.4104YU	1.4104	-	-	-	-	■	■	■			
17 % Cr	Ergste 1.4112YE*, YL, YA	1.4112	-	-	-	-	■	■	■			
17 % Cr	Ergste 1.4122YA	1.4122	-	-	-	-	■	■	■			
17 % Cr	Ergste 1.4122YL, YS	1.4122	-	-	-	-						■
17 % Cr X15TN**	Ergste 1.4123YN*	1.4123	420 Mod	S42025 S42000	-	F899	■	■	■			
17 % Cr X15TN**	Ergste 1.4123YM	1.4123	-	-	-	-						■
17 % Cr	Ergste 1.4125YC, YE*	1.4125	440C	S44004	-	F899	■	■	■			
17 % Cr	Ergste 9.9440YA	-	440A	S44002	7153-1	F899	■	■	■			
17 % Cr	Ergste 9.9440YL	-	440A (+Mo, +V)	-	-	-	■	■	■			
X30CrMoN15-1	Ergste 1.4108*	1.4108	-	S42027	-	F899	■	■				

Precipitation Hardenable Stainless Steel

Alloy 17-4 PH	Ergste 1.4542GE*, GG	1.4542	630	S17400	-	F899	■	■	■			
Alloy 17-7 PH	Ergste 1.4568GA	1.4568	631	S17700	-	F899	■	■	■			■
Alloy XM-16 Alloy 455	Ergste 1.4543GG*	1.4543	-	S45500	-	F899	■	■				

* ESR

** X15TN is a registered trademark of Aubert Duval



Austenitic Stainless Steel							
Austenite AISI 304	Ergste 1.4301PA	1.4301	304	S30400	7153-1	F899	■ ■ ■ ■ ■
Austenite AISI 305	Ergste 1.4303SA	1.4303	305	S30500	-	-	■ ■ ■ ■
Austenite AISI 303	Ergste 1.4305UA, UB	1.4305	303	S30300	-	-	■ ■ ■
Austenite AISI 304L	Ergste 1.4306LB	1.4306	304L	S30403	7153-1	-	■ ■ ■
Austenite AISI 304/304L	Ergste 1.4306LA	1.4306	304/ 304L	S30400/ S30403	7153-1	-	■ ■
Austenite AISI 301 17 % Cr	Ergste 1.4310FE*	1.4310	-	-	-	-	■ ■ ■
Austenite 17 % Cr	Ergste 1.4310FF	1.4310	-	-	-	-	■
Austenite AISI 302	Ergste 1.4310FB	1.4310	302	S30200	-	F899	■ ■ ■
Austenite AISI 302	Ergste 1.4310FV	1.4310	~ 302	~ S30200	-	-	■ ■ ■
Austenite AISI 301	Ergste 1.4310FD	1.4310	301	S30100	7153-1	F899	■ ■ ■
Austenite AISI 316	Ergste 1.4401PA, SB	1.4401	316	S31600	7153-1	F899	■ ■ ■
Austenite AISI 316L	Ergste 1.4404LB	1.4404	316L	S31603	-	-	■ ■ ■
Austenite nickel free	Ergste 1.4456CA	1.4456	-	-	-	-	■ ■ ■
Austenite AISI 316Ti	Ergste 1.4571TA	1.4571	316Ti	S31635	-	-	■ ■ ■
Ferritic Stainless Steel							
Ferrite AISI 430F	Ergste 1.4105IM	1.4105	430F	S43020	7153-1	F899	■ ■ ■

® Ergste, Ergiloy and Ergitan are registered trademarks of Zapp AG
* ESR

Zapp Precision Metals GmbH

MEDICAL ALLOYS
Letmather Straße 69
58239 Schwerte
P.O. Box 17 20
58212 Schwerte
Phone +49 2304 79-540
Fax +49 2304 79-482
medicalalloys@zapp.com
www.zapp.com

Further information regarding our products and locations are available in our image brochure and under www.zapp.com

The illustrations, drawings, dimensional and weight data and other information included in this data sheet are intended only for the purposes of describing our products and represent non-binding average values. They do not constitute quality data, nor can they be used as the basis for any guarantee of quality or durability. The applications presented serve only as illustrations and can be construed neither as quality data nor as a guarantee in relation to the suitability of the material. This cannot substitute for comprehensive consultation on the selection of our products and on their use in a specific application. The brochure is not subject to change control.

Last revision: May 2017