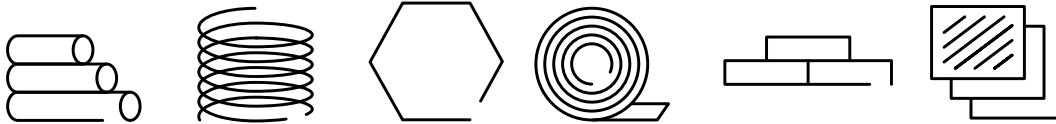


Linecard Materials for Instruments

Medical Alloys



Zapp is certified according 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

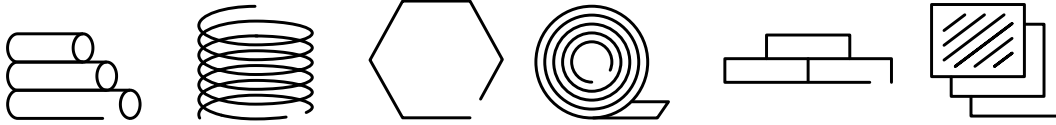
13 % Cr	Ergste 1.4021YB	1.4021	420A	S42000	7153-1	F899	■	■	■		■
13 % Cr	Ergste 1.4028YN	1.4028	420B	S42000	7153-1	F899	■	■	■		
13 % Cr	Ergste 1.4028MO	1.4028	420X (+Mo)	S42026	-	F899					■
13 % Cr	Ergste 1.4031YC/ YE	1.4031	~ 420X	S42000	-	-	■	■	■		
13 % Cr	Ergste 1.4034YK	1.4034	420C	S42000	7153-1	F899	■	■	■		
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	430F	S43020	-	-	■	■	■		
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	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	-	F899**	■	■	■	■	■
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 1.4105IU	1.4105	430F	S43020	7153-1	F899	■	■	■	■	■
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* ESR

** In deviation from the standard chemical analysis

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