

CHOICE OF MATERIALS

Alloy no.	DIN-Steel name	AISI/SAE	UNS
Austenitic grades			
1.4301	X5CrNi18-10	304	S30400
1.4303	X4CrNi18-12	305	S30500
1.4306	X2CrNi19-11	304L	S30403
1.4310	X10CrNi18-8	301 302	S30100 S30200
1.4372	X12CrMnNi17-7-5	201	S20100
1.4401	X5CrNiMo17-12-2	316	S31600
1.4404	X2CrNiMo17-12-2	316L	S31603
1.4435	X2CrNiMo18-14-3	316L	S31603
1.4439	X2CrNiMoN17-13-5	317LMN	S31726
1.4441	X2CrNiMo18-15-3	316LVM F138/F139	S31673
1.4539	X1NiCrMoCuN25-20-	904L	N08904
1.4541	X6CrNiTi18-10	321	S32100
1.4550	X6CrNiNb18-10	347	S34700
1.4571	X6CrNiMoTi17-12-2	316Ti	S31635
1.4828	X15CrNiSi20-12	309	S30900
1.4833	X12CrNi23-13	309S	S30908
1.4841	X15CrNiSi25-21	314	S31400
1.4845	X8CrNi25-21	310S	S31008
1.4876	X10NiCrAlTi32-21	B163, Alloy 800	N08800
Ferritic grades			
1.4016	X6Cr17	430	S43000
1.4113	X6CrMo17-1	434	S43400
1.4510	X3CrTi17	430Ti	S43036
1.4512	X2CrTi12	409	S40900
1.4521	X2CrMoTi18-2	444	S44400
Martensitic grades			
1.4006	X12Cr13	410	S41000
1.4021	X20Cr13	420	S42000
1.4028	X30Cr13	420F	S42020
1.4028	X30Cr13	420	S42000
1.4034	X46Cr13	420	S42000
1.4122	X39CrMo17-1	-	-
1.4037	X65Cr13	-	-

Costa Steel Co.,Ltd
 Special steel sheet and strip stock list
 -Stainless Steel Strip
 -Nickel Based Alloy Strip
 -Titan Alloy Strip
 -High Carbon QT Strip
 Minimum Thickness: 0.05mm
 For more details, Pls contact us by email
info@costasteel.com

Alloy no.	DIN-Steel name	AISI/SAE	UNS
Precipitation hardening steels			
1.4457	8CrNiMo17-5-3	633	S35000
1.4568	X7CrNiAl17-7	631	S17700
1.4980	X5NiCrTi26-15	660	S66286
Nickel/ nickel base alloys			
2.4068	LC-Ni99	Alloy 201	N02201
2.4360	NiCu30Fe	Alloy 400	N04400
2.4602	NiCr21Mo14W	Alloy C-22	N06022
2.4816	NiCr15Fe	Alloy 600	N06600
2.4851	NiCr23Fe	Alloy 601	N06601

2.4856	NiCr22Mo9Nb	Alloy 625	N06625
2.4668	NiCr19Fe19Nb5Mo	Alloy 718	N07718
2.4669	NiCr15Fe7TiAl	Alloy 688, Alloy X-	N07750
2.4819	NiMo16Cr15W	Alloy C-276	N10276
2.4665	NiCr22Fe18Mo	Alloy X	N06002
-	-	Alloy 864	N35135
Titan/ alloys	titanium		
3.7025	Ti Grade 1	Ti Grade 1	R50250
3.7035	Ti Grade 2	Ti Grade 2	R50400
3.7065	Ti Grade 4	Ti Grade 4	R50700
Grade 9	Ti Grade 9	Ti Grade 9	R56320
High carbon, only hardened and tempered			
1.1274	Ck101	1095	G10950
1.2067	100Cr6	L1/L3	T61203
1.1121	Ck10	1010	G10100

PRODUCTION, PERFORMANCE RANGE PRECISION STRIP STANDARDS AND SPECIAL DESIGNS

Standards	Additional Zapp capabilities
Delivery performances, conditions, surfaces	
Annealed, cold-reduced according to DIN EN 10088-2, spring hard according to DIN EN 10151, hardened and tempered according to DIN EN 10088-2	Closer abided mechanical and technological properties; hardness on request; oxide reduced, degreased, stress relieved; defined roughness; dull rolled, bright rolled and polished; brushed, crystal (shot blasted), satin (spark eroded); foil coated (color marked); lacquered or galvanized coated, roll-bonding claddings
Size tolerances	
DIN EN ISO 9445	DIN EN ISO 9445 P, closer tolerances on request
Deviation from straightness	
DIN EN ISO 9445	DIN EN ISO 9445 R, closer tolerances on request
Flatness	
DIN EN ISO 9445	DIN EN ISO 9445, closer tolerances on request
Edge finishes	
Mill edges, slit	Reduced burr, deburred, rolled, chamfered, rounded
Forms of delivery	
Coils up to 500 lbs/inch (8 kg/mm) width inside diameter 12"/16"/20" (300/400/500 mm)	Coils with specific inner diameter on request; spools up to 4400 lbs (2000 kg) oscillated wound, welded: 0.004–0.039" (0.1– 1.0 mm) thickness; 0.08–2.36" (2– 60 mm) width; Bars and sheets in cut length on request: 0.002– 0.028" (0.05 – 0.70 mm) thickness, ≤ 42" (1066 mm) width