

• COATINGS (DEPENDING ON STEEL GRADES)

CLASS	APPLIED STANDARD	TOLERANCE ACCORDING TO STANDARD
Galvanized	EN 10142	EN 10143
Electrolytic Zinc Coating	EN 10152	EN 10131
Tin coating	EN 10202	EN 10202
Aluminium coating	EN 10154	EN 10143
Zinc-aluminium coating	EN 10214	EN 10143
Brass coating	-	-
Copper coating	-	-
Nickel coating	-	-
Painted	-	-
Zinc-nickel coating	-	-

• TOLERANCES

STRIP TYPE	APPLIED STANDARD
High-carbon steel	EN 10140 / EN 10048
Low-carbon steel	EN 10140 / EN 10131 / EN 10051
Stainless steel	EN 10258 / EN 10051
Aluminium	EN 485-3 / 4
Copper	EN 1652
Brass	EN 1652
Bronze	EN 1652
Nickel silver	EN 1652



• OTHER SERVICES

FLATTENING AND CUTTING INTO SHEET
QUENCHED STRIP
SPOOLED
PLASTIC COATING

• AVAILABLE EDGES

Slit		
	Rounded	
Special	Round	

Other grades and specifications of strips available through the Sales Department.

STRIP DIVISION



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**VINCO**

VIZCAINA DE INDUSTRIA Y COMERCIO

• **STEEL STRIPS**

**HIGH-CARBON STEEL**

APPROXIMATE EQUIVALENCE			
EN		DIN DESIG.	ASTM DESIG.
DESIG.	STANDARD		

Case Hardening Steel

C10E	EN 10132-2	Ck 10	1010
C15E	EN 10132-2	Ck 15	1015
16MnCr5	EN 10132-2	16MnCr5	5115
20MnCr5	EN 10084	20MnCr5	5120
18CrMo4	EN 10084	18CrMo4	-

Heat-treatable Steel

C22E	EN 10132-3	Ck 22	1023
C45E	EN 10132-3	Ck 45	1045
25CrMo4	EN 10132-3	25CrMo4	4130
42CrMo4	EN 10132-3	42CrMo4	4142

Spring Steel and cold work tool Steel

C55S	EN 10132-4	Ck 55	1055
C60S	EN 10132-4	Ck 60	1060
C67S	EN 10132-4	Ck 67	1070
C75S	EN 10132-4	Ck 75	1074
C85S	EN 10132-4	Ck 85	1086
C100S	EN 10132-4	Ck 101	1095
51CrV4	EN 10132-4	51CrV4	6150
80CrV2	EN 10132-4	80CrV2	-

**LOW-CARBON STEELS**

APPROXIMATE EQUIVALENCE			
EN		DESIG. DIN	DESIG. ASTM/SAE
DESIG.	STANDARD		

Cold-rolled and Electrolytic zinc coated (+ ZE) Low-carbon Steel

DC01	EN 10130	St2/St12	A 366/1012
DC03	EN 10130	RRSt3/RRSt13	A 619
DC04	EN 10130	St4/St14	A 620/1008
S355J0	EN 10025	St52-3	-

Hot-rolled Low-carbon Steel

DD11	EN 10111	StW22	A 621/1008
DD14	EN 10111	-	-

High Strenght Steel

S315MC	EN 10149	QStE340TM	-
S420MC	EN 10149	QStE420TM	-
S500MC	EN 10149	QStE500TM	-
S550MC	EN 10149	QStE550TM	-
S700MC	EN 10149	QStE690TM	-

Easy Machining Steel

11SMn30	-	9SMn28	1213
11SMnPb30	-	9SMnPb28	1213

Galvanized (+G), Aluminium-coated (+AS) and Zinc-Aluminium coated (+AZ) Steel

DX51D	-	St02Z	-
DX53D	-	-	-

Tin coated Steel

TS245/T52	EN 1202	-	-
TS275/T57	EN 1202	-	-
TS415/T61	EN 1202	-	-

• **STAINLESS STEEL STRIPS**

APPROXIMATE EQUIVALENCE			
EN		STANDARD	AISI
DESIG. (Includes DIN standard)			

Martensitic Stainless Steel

X30Cr13	1.4028	EN 10151(1)	420
X46Cr13	1.4034	EN 10088-2	-

Ferritic Stainless Steel

X2CrTi12	1.4512	EN 10088-2	409
X6Cr17	1.4017	EN 10151(1)	430

Austenitic Stainless Steel

X2CrNi18-9	1.4307	EN 10088-2	304 L
X2CrNiMo17-12-2	1.4404	EN 10088-2	316 L
X5CrNi18-10	1.4301	EN 10151(1)	304
X5CrNiMo17-12-2	1.4401	EN 10151(1)	316
X6CrNiMoTi17-12-2	1.4571	EN 10088-2	316 Ti
X6CrNiTi18-10	1.4541	EN 10088-2	321
X7CrNiAl17-7	1.4568	EN 10151(1)	631
X10CrNi18-8	1.4310	EN 10151(1)	301
X10CrNi18-8	1.4310	EN 10151(1)	301

Heat-resistant Stainless Steel

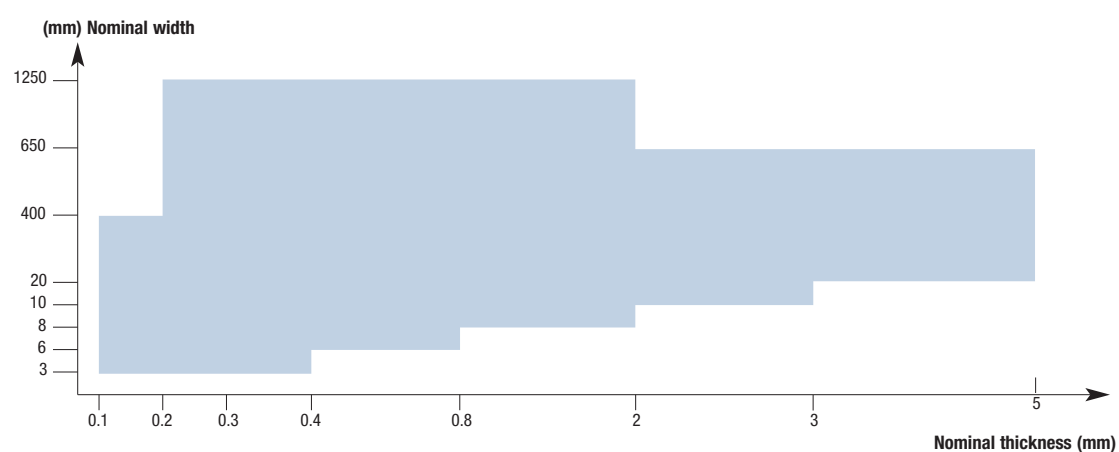
X8CrNi25-21	1.4845	EN 10095	310S
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(1) Grades according to EN 10151 are also found in the EN 10088-2 standard.

• **APPROXIMATE SPECIFIC WEIGHTS**

Steel	7.85 Kg/dm <sup>3</sup>
Stainless steel	7.85 Kg/dm <sup>3</sup>
Aluminium	2.7 Kg/dm <sup>3</sup>
Copper	8.9 Kg/dm <sup>3</sup>
Brass	8.8-8.4 Kg/dm <sup>3</sup>
Nickel silver	8.7 Kg/dm <sup>3</sup>
Bronze	8.9-8.8 Kg/dm <sup>3</sup>

• **PRODUCTION RANGE**



• **ALUMINIUM STRIPS**

APPROXIMATE EQUIVALENCE				
DESIG. EN			DESIG. DIN	DESIG. ASTM.
Numeric	Symbolic	Standard		
EN AW-1050A	EN AW-AI 99.5	EN 573	Al 99.5	1050A
EN AW-1200	EN AW-AI 99.0	EN 573	Al 99.0	1200
EN AW-3003	EN AW-AI Mn1Cu	EN 573	Al Mn1Cu	3003
EN AW-5052	EN AW-AI Mg2.5	EN 573	Al Mg2.5	5052
EN AW-5754	EN AW-AI Mg3	EN 573	Al Mg3	5754

• **COPPER AND LIGHTLY ALLOYED COPPER STRIPS**

APPROXIMATE EQUIVALENCE				
DESIG. EN			DESIG. DIN	DESIG. ASTM.
Symbolic	Numeric	Standard		
Cu-ETP	CW0004A	EN 1652	E-Cu58	C11000
Cu-DHP	CW024A	EN 1652	SF-Cu	C12200
Cu Fe 2P	CW111C	EN 1654	Cu Fe 2P	C19400

• **BRASS STRIPS**

APPROXIMATE EQUIVALENCE				
DESIG. EN			DESIG. DIN	DESIG. ASTM.
Symbolic	Numeric	Standard		
CuZn15	CW502L	EN 1652	CuZn15	C-23000
CuZn30	CW505L	EN 1652	CuZn30	C-26000
CuZn33	CW506L	EN 1652	CuZn33	C-28800
CuZn37	CW508L	EN 1652	CuZn37	C-27200

• **BRONZE STRIPS**

APPROXIMATE EQUIVALENCE				
DESIG. EN			DESIG. DIN	DESIG. ASTM.
Symbolic	Numeric	Standard		
CuSn4	CW450K	EN 1652	CuSn4	C-51100
CuSn6	CW452K	EN 1652	CuSn6	C-51900
CuSn8	CW453K	EN 1652	CuSn8	C-52100
CuSn3Zn9	CW454K	EN 1652	CuSn3Zn9	-

• **NICKEL SILVER STRIPS**

APPROXIMATE EQUIVALENCE				
DESIG. EN			DESIG. DIN	DESIG. ASTM.
Symbolic	Numeric	Standard		
CuNi12Zn24	CW403J	EN 1652	CuNi12Zn24	C-75700
CuNi18Zn20	CW403J	EN 1652	CuNi18Zn20	C-76400
CuNi18Zn27	CW410J	EN 1652	CuNi18Zn27	C-77000