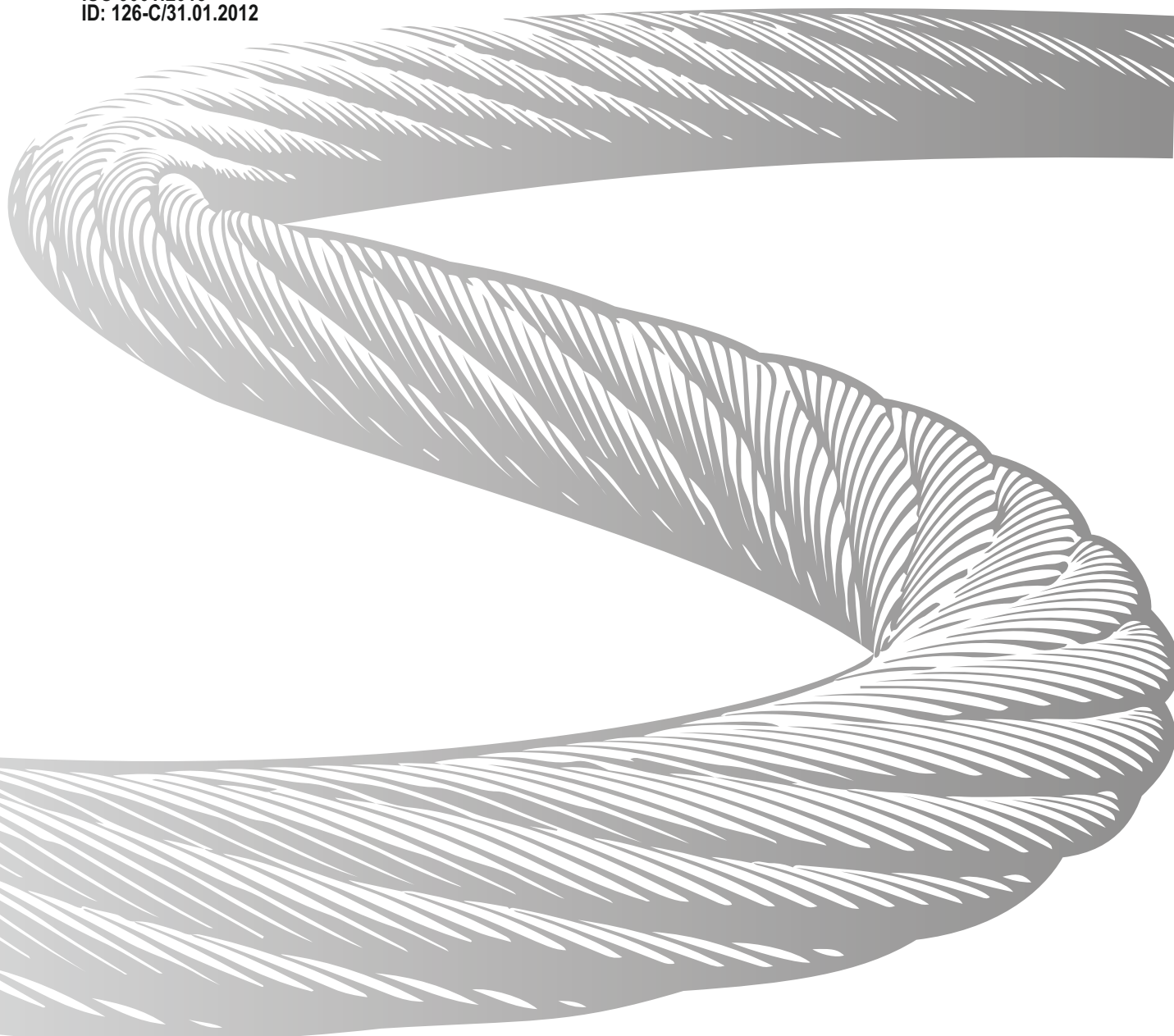


***Product Catalogue  
2020 - 2021***



**ISOROMCERTification**

SISTEM DE MANAGEMENT CERTIFICAT  
ISO 9001:2015  
ID: 126-C/31.01.2012



## Hot Rolled and Hot Rolled Pickled Sheets

In our product catalogue you can find the regular stock dimensions and grades, which are generally sold from stock by WEST STEEL. Any other orders for different dimensions or grades can be placed with our premises, and are fulfilled within a shortly.

### Commercial grade<sup>1</sup> :

- Hot-rolled strips suitable for cold forming and cold rolling: according to DIN 1614:ST24
- Unalloyed structural steels: according to EN 10025 1-6: with S235JR - S355JR impact energy specification, with normalized (N) or thermomechanical rolling (TM) upon request, of a quality suitable for edge bending (C)
- Unalloyed soft steel according to EN 10111: DD11 - DD14
- Fine- grained steel according to SEW092: QStE 340 - QStE 460; EN 10149 1-3: with S315 – S960 normalized (N) or thermomechanical rolling (TM).
- Other grades: furnace sheets (EN 10028; EN 10120), raw materials for pipes (EN 10208), atmospheric corrosion resistand steels (EN 10155), annealable, case-hardening and spring steels (EN 10083)

Dimension Standard: EN 10051; EN 10029

Product name	Thickness (mm)	Dimensions (mm) (width x length)
Coil	1.2 - 18.0 1.2 - 6.0 <sup>2</sup>	800 - 2000
Slit strip	1.2 - 6.0 1.2 - 6.0 <sup>2</sup>	23 - 800
Sheet	1.2 - 12.0 1.2 - 6.0 <sup>2</sup>	800 - 2000 x 1000 - 12000
Anti-slip plate (checkered, diamond patterned)	2.0 - 12.0	800 - 1500 x 1800 - 6000
Heavy plate	8.0 - 250.0	1000 - 3000 x 2000 - 24000

1. other grades by separate order and agreement

2. hot-rolled pickled

3. the width and length are subject to the ordered thickness and grade.

In the case of pickled products:

- They can also be ordered side trimmed
- Unoiled surface (We can not guarantee corrosion-free)
- Temporary corrosion protection is optional (type of oil can be specified individually):
  - Light oiling (0.4-0.7 g/m<sup>2</sup>)
  - Medium oiling (0.8-1.2 g/m<sup>2</sup>)
  - Strong oiling (1.3-2.0 g/m<sup>2</sup>)





# Hot Rolled and Hot Rolled Pickled Products

- Fine-grained steel made by normalised (N) or thermomechanical (TM) rolling<sup>1</sup>

Comparative marking of standards			
Strength grade	EN 10149-2	SEW 092	EN 10025-4
IV.	S315MC	-	S275M, ML
V.	S355MC	QStE 340 TM	S355M, ML
	-	QStE 380 TM	-
VI.	S420MC	QStE 420 TM	S420M, ML
VII.	S460MC	QStE 460 TM	S460M, ML
VIII.	S500MC	QStE 500 TM	-
	S550MC	QStE 550 TM	-
IX.	S600MC	QStE 600 TM	-
	S650MC	QStE 650 TM	-
X.	S700MC	QStE 690 TM	-
XI.	S900MC	-	-
	S960MC	-	-

- Other qualities<sup>1</sup>:
  - Structural steels with improved atmospheric corrosion resistance (EN 10025-5, EN 10155)
  - Boiler steel sheets made of steels for pressure purposes (EN 10028-2; EN 10120)
  - Steel plates for pipes (EN 10208)
  - Quenching and tempering steel, case-hardening steel, spring steel (EN 10083-1)



# Hot-Rolled and Hot-Rolled Pickled Products

If you want to order other sizes and qualities that differ from those specified, please contact us and we will respond to your request as soon as possible.

Standard material qualities

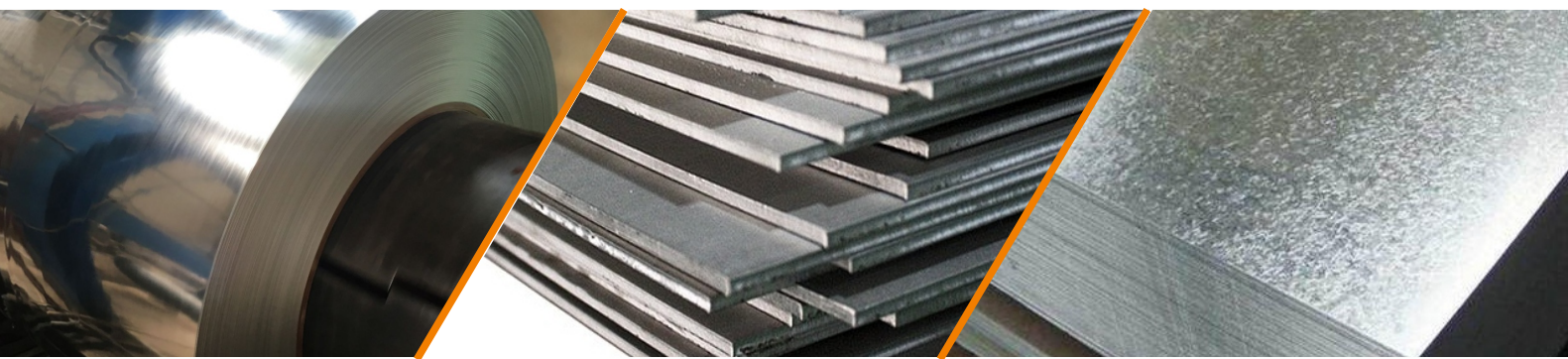
## ■ Hot-rolled strips suitable for cold rolling<sup>1</sup>

Comparative marking of standards			
Strength grade	DIN 1614-1	JIS G 3131	ASTM A568
	St 22	SPHC	1010
I.	RR St 23	SPHD	1008
	St 24	SPHE	1006

## ■ Steels for cold forming<sup>1</sup>

Comparative marking of standards		
Strength grade	EN 10111	DIN 1614
I.	DD11	StW 22 (aluminum-killed)
	DD12	RR StW 23
	DD13	StW 24
	DD14	-

<sup>1</sup> other qualities on separate order and as agreed



# Hot-Rolled and Hot-Rolled Pickled Products

- Unalloyed structural steel with impact energy, by normalised (N) or thermomechanical rolling (TM), as required.<sup>1</sup>

Comparative marking of standards		
Strength grade	EN 10025-2	DIN 17100
II.	S185	St 33
III.	-	St 37-2
	-	USt 37-2
	S235JR	RSt 37-2
	S235J0	St 37-3-U
	-	St 37-3-N
	S235J2	-
IV.	S275JR	St 44-2
	S275J0	St 44-3 U
	-	St 44-3 N
	S275J2	-
V.	S355JR	-
	S355J0	St 52-3 U
	-	St 52-3 N
	S355J2	-
	S355K2	-
VI.	E295	St 50-2
VII.	E335	St 60-2
VIII.	E360	St 70-2

<sup>1</sup> other qualities on separate order and as agreed





## Cold-Rolled Sheets

### Commercial grades<sup>1</sup>

- Low-carbon steel for cold forming  
EN 10130: DC01-DC06

Quality	Previous designation
DC01	Fe P01
DC03	Fe P03
DC04	Fe P04
DC05	Fe P05
DC06	Fe P06

- Microalloyed steel and high-strength steel for cold forming (EN 10268)

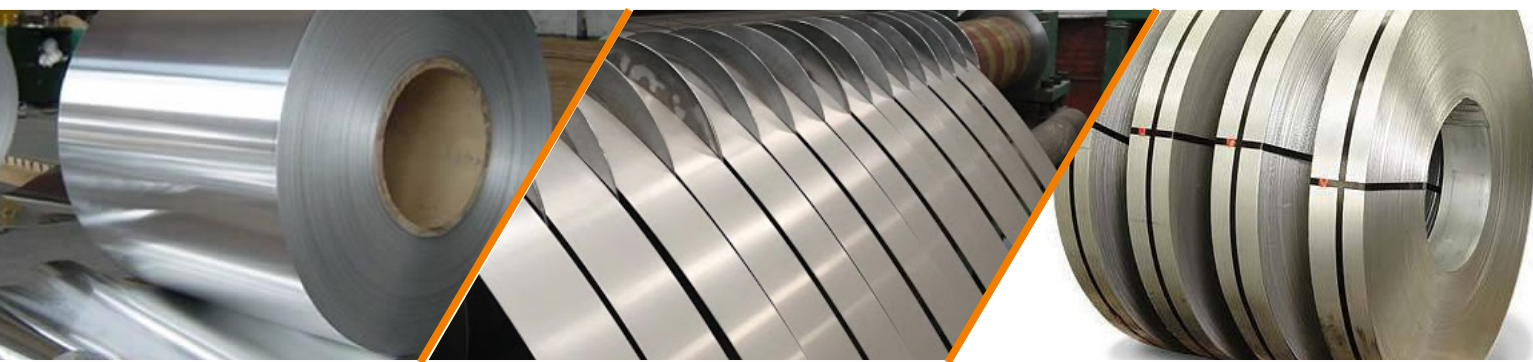
Quality	Previous designation
HC260LA	H240LA
HC300LA	H280LA
HC340LA	H320LA
HC380LA	H360LA
HC420LA	H400LA

- Low-carbon steel suitable for enamelling  
(EN 10209)

Quality	Previous designation
DC01EK	Fe K1
DC04EK	Fe K4
DC06EK	Fe K6
DC03ED	Fe D3
DC04ED	Fe D4
DC06ED	Fe D6

In case of cold-rolled products:

- Surface quality:
  - A (for coating with paint, double-layer enamel),
  - B (for coating with laque, for galvanizing)
- Surface finishing (roughness):
  - ground/g ( $0.4 < Ra \leq 0.9$  micron)
  - dull/m ( $0.6 < Ra \leq 1.9$  micron)
  - rough/r ( $1.6 < Ra \leq 1.9$  micron)
- They can be ordered with or without trimmed edges
- Uncoiled surface (without any warranty for corrosion)
- Temporary corrosion protection is optional
  - Light oiling ( $0.4-0.7 \text{ g/m}^2$ )
  - Medium oiling ( $0.8-1.2 \text{ g/m}^2$ )
  - Strong oiling ( $1.3-2.0 \text{ g/m}^2$ )



## Cold-Rolled and Coated Products

### ■ Structural steel<sup>1</sup>:

Quality marking EN 10346	Marking of coating
<b>S220GD</b>	+Z
<b>S250GD</b>	+Z
<b>S280GD</b>	+Z
<b>S320GD</b>	+Z
<b>S350GD</b>	+Z

Other qualities<sup>1</sup>:

- Electrogalvanized according to EN 10152
- With plastic coating according to the RAL colour standard

### ■ Dimensions (mm) standard: EN 10143

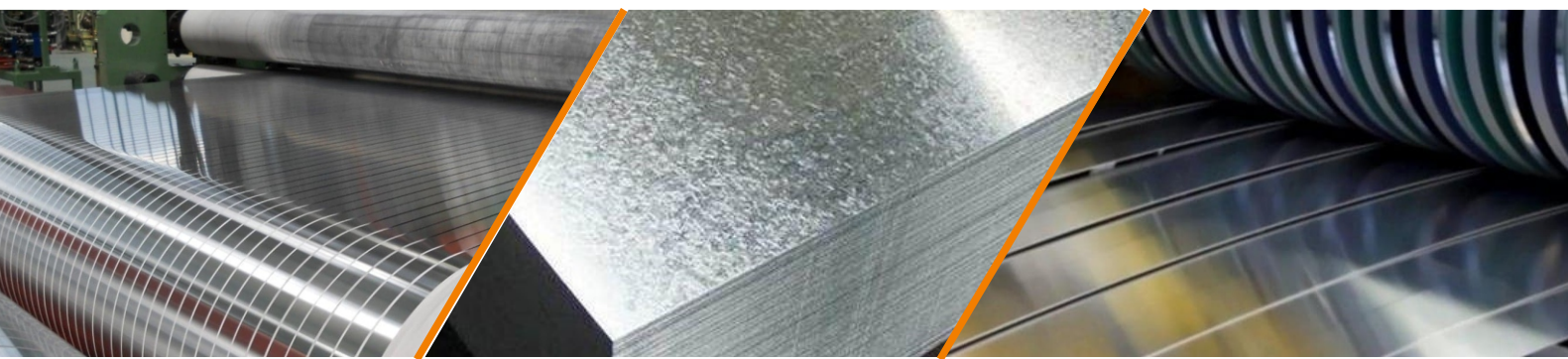
Product name	Thickness gauge (mm)	Dimensions (mm) (width x length) <sup>2</sup>
<b>Coil</b>	0.35 - 3.0	800 - 1500
<b>Slit strip</b>	0.35 - 3.0	16 - 800
<b>Sheet metal</b>	0.35 - 3.0	500 - 1500x500 - 12000

<sup>1</sup> other qualities on separate order and as agreed

<sup>2</sup> width and length depend on the ordered quality

In case of hot-dip galvanised products:

- Zinc coating weight / Z: 100-275g/m<sup>2</sup>
- Coating thickness: 7-20μm/side
- Coating design:
  - Ordinary zinc dendrites / N
  - Minimised zinc dendrites / M
- Surface quality: A or B
- Chemical passivation / C:
  - Chromium (VI)
  - Free of chromium-free (VI)
- Lubrication / O: as required





## Coated sheets

Hot-dip galvanized, electrolytically galvanized, aluminized, plastic coated, tinned, etc.

Commercial grades<sup>1</sup>

- Low-carbon steel for cold forming according to EN 10346:DX51D - DX52D

Quality	Previous designation
DX51D	Fe P02G
DX52D	Fe P03G
DX53D	Fe P05G
DX54D	Fe P06G
DX55D	-
DX56D	Fe P07G
DX57D	-

- Other grades according to EN 10152: Steel coated with zinc via electrolysis or electro-galvanised EN10152:2009 DC01 + ZE

Quality	Previous designation
DC01+ZE	Fe P01 ZE
DC03+ZE	Fe P03 ZE
DC04+ZE	Fe P04 ZE
DC05+ZE	Fe P05 ZE
DC06+ZE	Fe P06 ZE
DC07+ZE	-

- Unalloyed structural steel: according to EN 10326:S220GD - S350GD

Quality	Previous designation
S220GD	FeE220G
S250GD	FeE250G
S280GD	FeE280G
S320GD	FeE320G
S350GD	FeE350G
S550GD	-

- Plastic coated acc. to RAL colour scale  
Dimension standard: EN 10143

Product name	Thickness (mm)	Dimensions (mm) (width x length)
<b>Coil</b>	0.35 - 3.0	800 - 1500
<b>Slit strip</b>	0.35 - 3.0	16 - 800
<b>Steel sheet</b>	0.4 - 3.0	500 - 1500x500 - 12000

<sup>1</sup> other grades by separate order and agreement

<sup>2</sup> the width and length are subject to the ordered thickness and grade.

In case of galvanised products:

- Zinc coating weight / Z: 100-275g/m<sup>2</sup>
- Coating thickness: 7-20micron/side
- Coating:
  - Normal zinc flower / N
  - Minimum zinc flower / M
- Surface quality: A or B
- Chemical passivation / C:
  - Chromium (VI)
  - Chromium-free (VI)



## Cold-Rolled and Coated Products

Our catalogue includes dimensions and qualities, which are sold from the WEST STEEL stock. For different dimensions and grades we take your orders in the service centers and we will fulfill them as soon as possible.

### Cold-Rolled Sheets

Standard material qualities

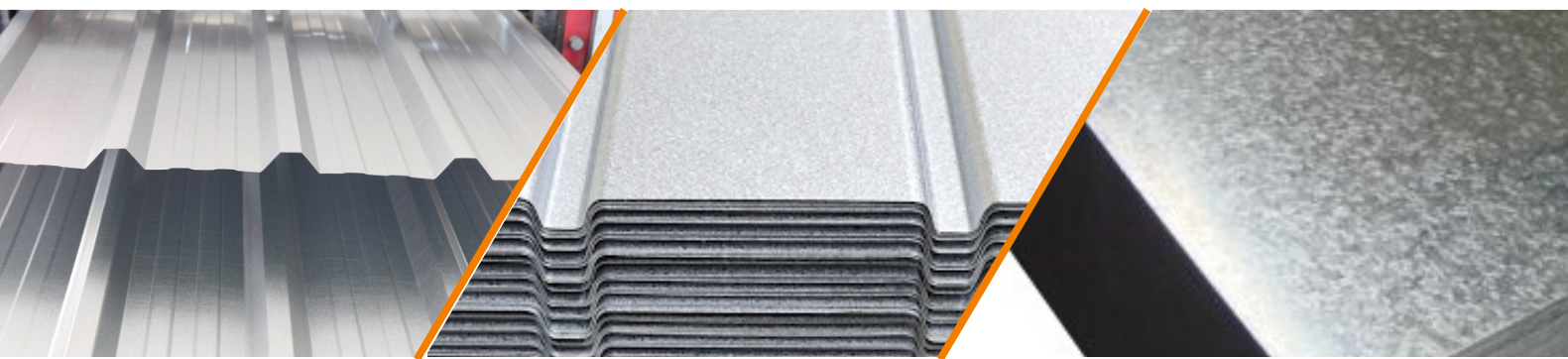
- Cold-rolled, unalloyed mild steel for cold forming<sup>1</sup>

Comparative table with previous and other standards					
Standard marking EN 10130	EN 10130:1994	DIN 1623 T1	MSZ 23	ASTM A568/A568M	JIS G 3141
<b>DC01</b>	FeP01	St 12	M, K	A 366 (SAE 1010)	SPCC
<b>DC03</b>	FeP03	RRSt 13	KÖ	-	SPCD
<b>DC04</b>	FeP04	St 14	-	-	SPCEN
<b>DC05</b>	FeP05	-	-	-	-

Cold-rolled, unalloyed mild steel for cold forming<sup>1</sup>

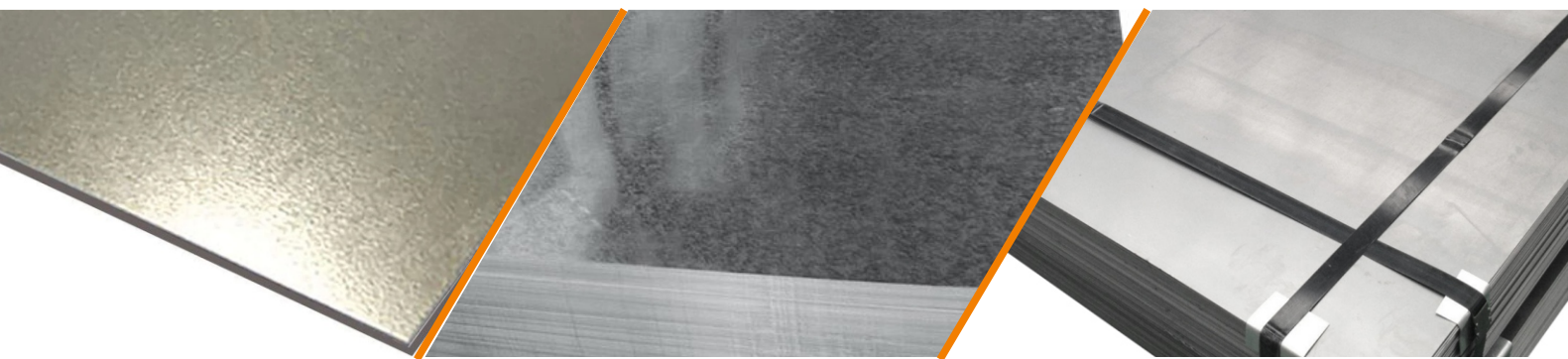
Other qualities :

- Cold rerolled (EN 10139)
- Steel flats for vitreous enamelling (EN 10209)
- General structural steels (DIN 1623)
- Cold-rolled steel flat products with high yield strength for cold forming (EN 10268)
- Structural steels with improved atmospheric corrosion resistance (EN 10155)
- Cold-rolled unalloyed and alloyed electrotechnical steels (EN 10341)



## Cold-Rolled and Coated Products

- Surface quality:
  - A (for painting and double-layer enamelling),
  - B (for varnishing or galvanization)
- Coating design (coarseness):
  - glare / g ( $R_a$  0.9 $\mu$ )
  - anti-glare / m ( $0.6 < R_a$  1.9 $\mu$ )
  - coarse / r ( $1.6 < R_a$  2.5 $\mu$ )
- Edges:
  - cutting edge
  - rolled edge
- Non-lubricated (without any guarantee against corrosion)
- Provisional anti-corrosion protection is an option for hot-rolled, pickled and cold-rolled products:
  - slight lubrication (0.4-0.7g/m<sup>2</sup>)
  - medium lubrication (0.8-1.2g/m<sup>2</sup>)
  - hard lubrication (1.3-2.0g/m<sup>2</sup>)





## Cold bent open sections

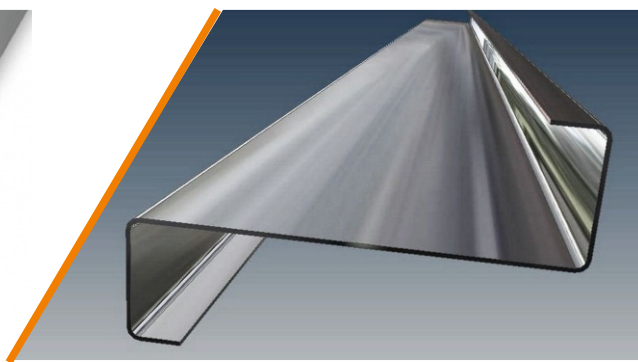
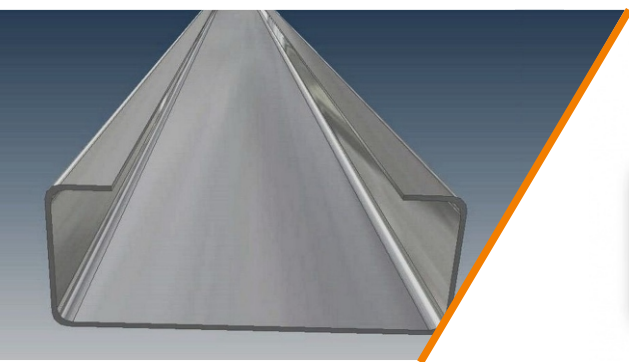
### Commercial material grades<sup>1</sup>:

Unalloyed structure steel according to EN 10025: S235JR

Dimension standard: EN 10162

Product name	Wall thickness (mm)	Dimensions (mm)
<b>L-section (equal leg)</b>	2.0 - 5.0	30x30 - 140x140
<b>L-section (unequal leg)</b>	2.0 - 5.0	40x20 - 180x100
<b>U-section (equal leg)</b>	1.5 - 5.0	20x20 - 80x80
<b>U-section (unequal leg)</b>	1.5 - 6.0	40x20 - 200x80
<b>C-section</b>	2.0 - 5.0	28x28x8 - 200x75x45
<b>Z-section</b>	2.0 - 4.0	40x20x42 - 180x60x60
<b>S-section</b>	3.0 - 4.0	140x56x20 - 180x56x20

Standard length: 6000/12000mm



## Cold bent hollow sections

You will find the dimensions and qualities normally kept on stock in our product catalogue, which are sold basically from stock or through individual purchases by WEST STEEL network. Any orders for different dimensions or grades can be placed with our premises, and are fulfilled shortly.

### Commercial material grades:

Unalloyed structural steel according to EN 10305-5, 10305-3: E235

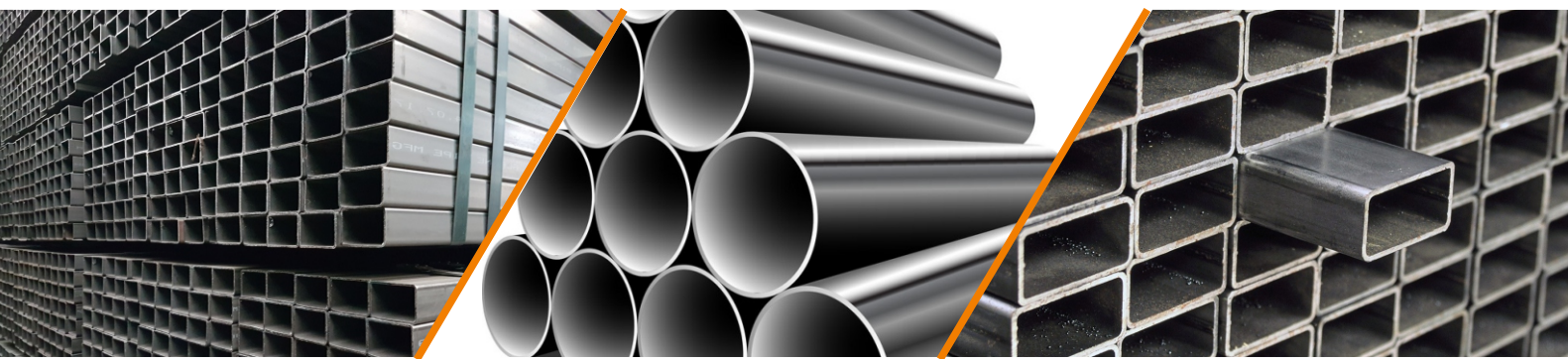
Unalloyed structural steel according to EN 10219-1:

S235JRH; S275JOH / J2H, S355JOH / J2H

Dimension standard: EN 10305; EN 10219; EN 10217/ EN 10208/ EN 10224

Product name	Wall thickness (mm)	Dimensions (mm)
Round tubes	1.5 - 16.0	Ø18 - Ø193,7
Square section	1.0 - 14.0	15x15 - 325x325
Rectangular section	1.0 - 14.0	20x10 - 400x250

Warehouse length: 6000mm (we undertake to cut to length)



## Longitudinal and spiral welded tubes

Commercial material grades: P235TR1 acc. to EN 10217-1

Our distributed products:

- black tubes with plain ends
- pipe with plain ends (gas pipes)
- galvanized tubes
- spiral welded tubes

Sold Sizes:

- Longitudinal welded tubes: 3/8" - 5" x 2.3 - 6.3mm
- Spiral welded tubes: Ø 159 - Ø 813 x 3.6 - 10mm

Warehouse length: 6000mm





# Quality Assurance

Quality, Experience, Reliability

Our vision is to provide the ordered product as soon as possible.

The achievement of this objective is facilitated by our stock, logistics services and quality assurance system compliant with the EN ISO 9001:2015 standard, and also our good relationship with the mills and services centers.

WEST STEEL is committed to maintaining and constantly improving the quality of environment and health protection, as well as the occupational safety. WEST STEEL has an integrated management system which is certified to the following standards:

**EN ISO 9001:2015 and ID: 126-C/31.01.2012**

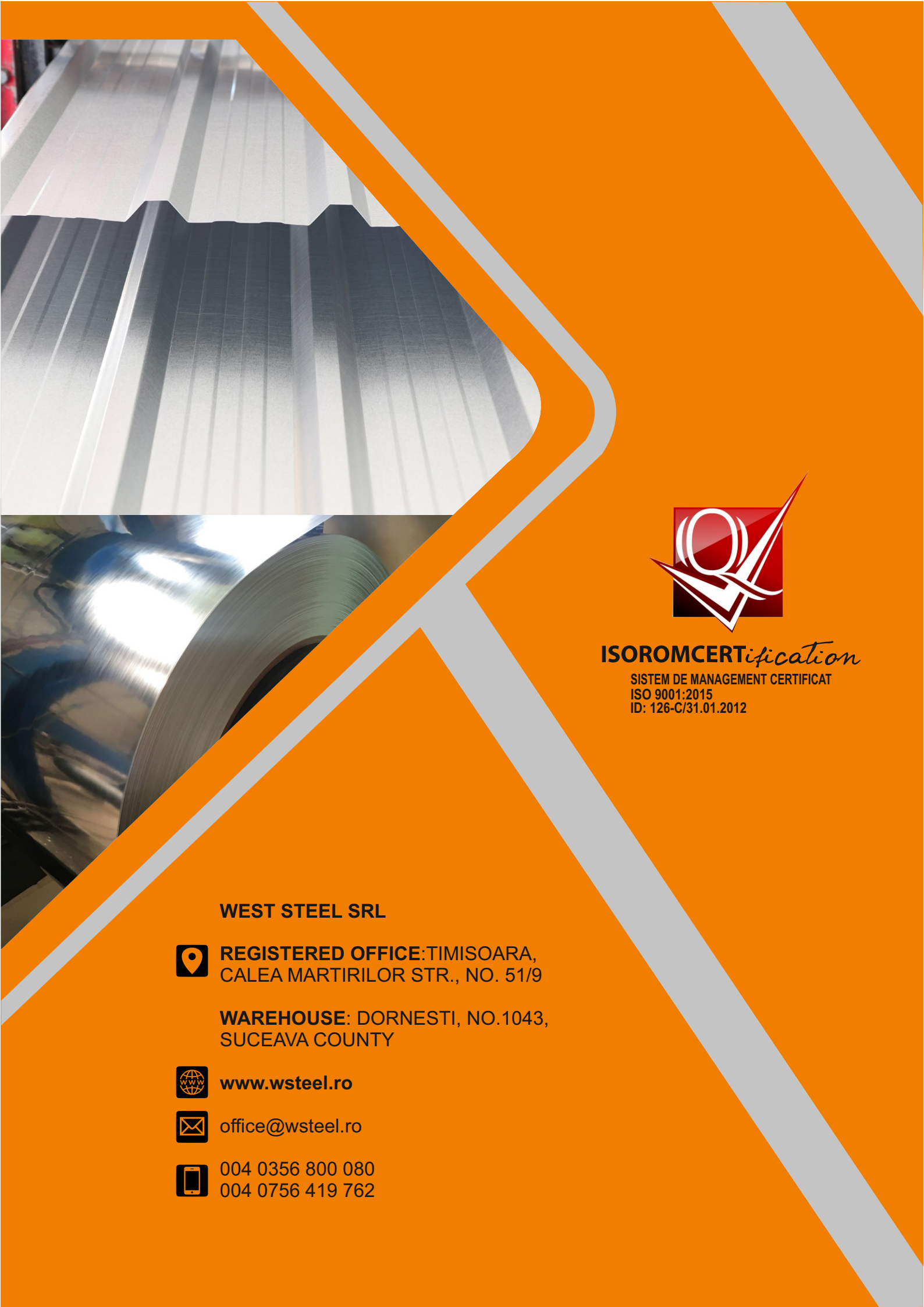


**ISOROMCERTification**

SISTEM DE MANAGEMENT CERTIFICAT  
ISO 9001:2015  
ID: 126-C/31.01.2012



**West  
steel**



**ISOROMCERT***ification*

SISTEM DE MANAGEMENT CERTIFICAT  
ISO 9001:2015  
ID: 126-C/31.01.2012

**WEST STEEL SRL**



**REGISTERED OFFICE:** TIMISOARA,  
CALEA MARTIRILOR STR., NO. 51/9

**WAREHOUSE:** DORNESTI, NO.1043,  
SUCEAVA COUNTY



**www.wsteel.ro**



**office@wsteel.ro**



**004 0356 800 080**  
**004 0756 419 762**