

• TOLERANCES

THICKNESS TOLERANCES

NOMINAL THICKNESS (mm)		Nominal thickness tolerances (A) for nominal widths (W) of (mm)					
		Cold-rolled Steel			Cold-rolled and Electrolytic zinc coating Steel	Coated Steel	Hot-rolled Steel
		EN 10140			EN 10131	EN 10143	EN 10051
>	≤	W < 125	125 ≤ W < 250	250 ≤ W < 600	600 ≤ W ≤ 1200	W ≤ 1200	600 ≤ W ≤ 1200
-	0.10	± 0.008	± 0.010	± 0.015	-		
0.10	0.15	± 0.010	± 0.015	± 0.020	-		
0.15	0.25	± 0.015	± 0.020	± 0.025	-	± 0.050	-
0.25	0.35	± 0.020	± 0.025	± 0.030	-		
0.35	0.40	± 0.020	± 0.025	± 0.030	± 0.040		
0.40	0.60	± 0.025	± 0.030	± 0.035	± 0.050 (only electrolytic zinc coating)	± 0.060	-
0.60	0.80	± 0.030	± 0.035	± 0.040	± 0.060	± 0.070	-
0.80	1.00	± 0.030	± 0.035	± 0.040	± 0.070	± 0.080	-
1.00	1.20	± 0.035	± 0.040	± 0.050	± 0.080	± 0.090	
1.20	1.50	± 0.035	± 0.040	± 0.050	± 0.100	± 0.110	± 0.130
1.50	2.00	± 0.045	± 0.050	± 0.060	± 0.120	± 0.130	
2.00	2.50	± 0.045	± 0.050	± 0.060	± 0.140	± 0.150	± 0.140
2.50	3.00	± 0.055	± 0.060	± 0.075	± 0.160	± 0.170	± 0.150
3.00	4.00	± 0.055	± 0.060	± 0.075	-	-	± 0.170
4.00	5.00				-	-	± 0.180
5.00	6.00	± 0.070	± 0.075	± 0.090	-	-	± 0.200

The thickness of tin coated steel shall meet the following (as per EN 10202):

- Deviations from the agreed thickness should not exceed ± 5% in the middle of the strip.
- Any such deviation will be between +5% and -8%, measured at any point outside of a 6mm margin from the natural edge.
- The average thickness will not deviate from the nominal thickness more than ±2% in orders for more than 10,000 strips (or the equivalent meters for coils).

THICKNESS TOLERANCES

NOMINAL THICKNESS (mm)		Width tolerances (W) for nominal widths of (mm)					
		Cold-rolled					
		EN 10140					
		W < 125		125 ≤ W < 250		125 ≤ W < 600	
>	≤	A	B	A	B	A	B
		Normal	Fine	Normal	Fine	Normal	Fine
0.10	0.60	± 0.15	± 0.10	± 0.20	± 0.13	± 0.25	± 0.18
0.60	1.50	± 0.20	± 0.13	± 0.25	± 0.18	± 0.30	± 0.20
1.50	2.50	± 0.25	± 0.18	± 0.30	± 0.20	± 0.35	± 0.25
2.50	4.00	± 0.30	± 0.20	± 0.35	± 0.25	± 0.40	± 0.30
4.00	6.00	± 0.35	± 0.25	± 0.40	± 0.30	± 0.45	± 0.35

STRAIGHTNESS TOLERANCES

NOMINAL WIDTH (W)	Maximum deviation	
	2000 mm	
	width (t)	
	t ≤ 1.20 mm	t > 1.20 mm
3 ≤ W < 6	10.00	15.00
6 ≤ W < 10	8.00	12.00
10 ≤ W < 20	4.00	6.00
20 ≤ W < 350	2.00	4.00

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



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LOW-CARBON STEEL STRIP

The data herein is merely for information purposes and do not imply contractual terms of supply. Unless there is an error or omission.



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