

**U S S R   S T A T E   S T A N D A R D**

---

**HOT-ROLLED STEEL SHEET PRODUCTS**

**RANGE OF SIZES**

**GOST 19903—74**

**(CMEA Standard 1969—79, CMEA Standard 3901—82)**

**Official Edition**

**USSR STATE COMMITTEE FOR STANDARDS**

**Moscow**

**Group B23**

**Amendment No. 6 to GOST 19903-74 Hot-Rolled Steel Sheet Products. Assortment**

**Approved and introduced by Decree No. 3376, dated 29.09.88, of the USSR State Committee for Standards**

**Date of introduction 01.07.89**

Clause 13. Replace the value: 3 mm with 2 mm.

Clause 20 shall be reworded as follows: "20. The form deviations measurement procedure shall comply with GOST 26877-86."

IUS (Standards Information Catalog) No. 1, 1989

UDC 669.14-415 (083.74)

Group B23

U S S R S T A T E S T A N D A R D

**HOT-ROLLED STEEL SHEET PRODUCTS****GOST  
19903 — 74\*****Range of sizes**(CMEA Standard 1969-79,  
CMEA Standard 3901-82)In place of GOST 8597-57 regarding sheets 500  
mm wide and wider, GOST 3680-57 and GOST  
8075-56 regarding hot-rolled sheets,  
GOST 5681-57

OKP (All-Union Product Classification Code) 09 0200

Period of validity set by Decree No. 1573, dated June 27<sup>th</sup>, 1974, of the USSR State Committee for Standards under the USSR Council of Ministers

Reviewed in 1986. Term extended by Decree No. 1786, dated 25.06.86, of Gosstandart

**from 01.01.76**  
**until 01.07.89****Failure to comply with this Standard will result in legal proceedings**

1. This Standard applies to hot-rolled sheet products 500 mm wide and wider, manufactured in sheets with thickness from 0.40 mm to 160 mm and rolls with thickness from 1.2 mm to 12 mm.

The Standard fully complies with CMEA Standard 1969-79 regarding constructional non-alloyed rolled stock of regular quality and low-alloyed rolled stock with thickness from 1.00 to 2.80 mm in sheets and rolls, and CMEA Standard 3901-82 regarding rolled stock with thickness from 3.00 mm to 160 mm in sheets.

**(Amended Wording, Amendments Nos. 1, 2, 3 and 5.)**

2. The dimensions of the rolled stock manufactured in sheets shall comply with those specified in table 1; the dimensions of the rolled stock manufactured in rolls shall comply with those specified in table 2.

3. The rolled sheet shall be categorized as follows:

a) by precision of rolling for thickness no more than 12 mm:

enhanced precision-A,

standard precision-B;

b) by flatness:

extra high flatness-IIO,

high flatness-PIB,

improved flatness-PIY;

standard flatness-PIH;

c) by edge features:

with mill edge-HO,

with sheared edge-O;

d) by dimensions:

with specification of the dimensions of thickness, width and length in compliance with the dimensions specified in the Appendix -shape I;

with specification of the dimensions of thickness within the limits specified in table 1, without specification of the dimensions of width and length -shape II;

with the specification of the dimensions, aliquot by width and length to the dimensions specified in the Order, within the limits stipulated in table 1 -shape III;

with the specification of the measuring dimensions, within the limits specified in table 1, with intervals of 10 mm by width and 50 mm by length-shape IV. By agreement between the customer and manufacturer, the intervals may be less than specified by width and length.

The manufacture of sheet products with measuring dimensions other than the dimensions specified in the Appendix shall be manufactured at the customer's request.

**(Amended Wording, Amendments Nos. 1 and 3.)**

4. Maximum thickness deviations in the arbitrary point of measurement of the rolled stock manufactured in sheets and rolls shall not exceed the standards specified in tables 3 and 4.

**Official Edition****Reprinting is prohibited**\* Revised Edition (August, 1996) with Amendments Nos. 1, 2, 3, 4 and 5, approved in November, 1979, by Decree No. 4302, September, 1982, October, 1983, July, 1985, and June, 1986.  
IUS (Standards Information Catalog) 12-79, 12-82, 2-84, 6-85, 9-86

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Table 1

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Thickness of the sheets	Mm																				
	Minimum and maximum length of sheets of width																				
	500	510	600	650	670	700	710	750	800	850	900	950	1 000	1 100	1 250	1 400	1 420	1 500	1 600	1 700	1 800
0.40; 0.45; 0.50; 0.55; 0.60	1 200	710 1 420	1200 2 000	1 400	1 420	1 420	1 200 2 000	1 500 2 000	—	—	—	—	2 000	—	—	—	—	—	—	—	—
0.63; 0.65; 0.70; 0.75	1 200	710 1 420	1 420 2 000	2 000	1 420	1 420	1 200 2 000	1 500 2 000	—	—	—	—	2 000 2 500	—	2 500	—	—	—	—	—	—
0.8; 0.9	1 200	710 1 420	1 420 2 000	2 000	1 420	1 420	1 200 2 000	1 500 2 000	1 500	—	—	—	2 000 2 500	—	2 500	—	—	—	—	—	—
1.0	—	—	1 420 2 000	2 000	1 420	1 420	1 420 2 000	1 600 2 000	1 600 2 500	1 700	1 800 2 000	1 900	1 800 2 500	—	2 500	—	—	—	—	—	—
1.2; 1.3; 1.4	—	—	1 420 2 000	2 000	1 420	1 420	1 420 2 000	1 500 2 000	1 600 2 000	1 800	1 800 2 000	2 000	1 800 2 500	2 000	2 500	3 000	—	—	—	—	—
1.5; 1.6; 1.8	—	—	1 420 2 000	1 420	1 420	1 420	1 420 6 000	1 500 6 000	1 600 6 000	1 800 6 000	1 500 6 000	2 000 6 000	1 500 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	—	—	—
2.0; 2.2	—	—	1 420 2 000	1 420	1 420	1 420	1 420 6 000	1 500 6 000	1 600 6 000	2 000 6 000	1 800 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	—	—	—
2.5; 2.8	—	—	2 000	2 000	2 000	2 000	2 000 6 000	1 420 6 000	1 600 6 000	1 600 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	—	—	—
3.0; 3.2; 3.5; 3.8; 3.9	—	—	2 000	2 000	2 000	2 000	2 000 6 000	1 420 6 000	1 600 6 000	1 600 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000
4.0; 4.5; 5.0; 5.6	—	—	2 000	2 000	2 000	2 000	2 000 6 000	1 420 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000	2 000 6 000
6; 6.5; 7; 7.5	—	—	—	—	—	—	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000	2 000 7 000
8; 8.5; 9; 9.5; 10; 10.5	—	—	—	—	—	—	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 12 000	3 000 12 000	3 000 12 000	3 000 12 000
11; 11.5; 12; 12.5	—	—	—	—	—	—	—	—	—	—	—	—	2 000 6 000	2 000 6 000	2 000 8 000	2 000 8 000	2 000 8 000	2 000 12 000	2 000 12 000	3 000 12 000	3 000 12 000
13; 13.5; 14; 14.5; 15; 15.5; 16; 16.5; 17; 17.5; 18; 18.5; 19; 19.5; 20; 20.5; 21; 21.5; 22; 22.5; 23; 23.5; 24; 24.5; 25; 25.5	—	—	—	—	—	—	—	—	—	—	—	—	2 500 6 500	2 500 6 500	2 500 12 000	2 500 12 000	2 500 12 000	3 000 12 000	3 000 11 000	3 200 11 000	3 200 10 000
26; 27; 28; 29; 30; 31; 32; 34; 36; 38; 40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2 500 12 000	2 500 12 000	2 500 12 000	3 000 12 000	3 000 12 000	3 200 12 000	3 200 12 000
42; 45; 48; 50; 52; 55; 58; 60; 62; 65; 68; 70; 72; 75; 78; 80; 82; 85; 87; 90; 92; 95; 100; 105; 110; 115; 120; 125; 130; 135; 140; 145; 150; 155; 160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2 500 9 000	2 500 9 000	3 000 9 000	3 000 9 000	3 000 9 000	3 500 9 000	3 500 9 000

Table 1 (cont.)

Thickness of the sheets	mm															
	Minimum and maximum length of sheets of width															
	1 900	2 000	2 100	2 200	2 300	2 400	2 500	2 600	2 700	2 800	2 900	3 000	3 200	3 400	3 600	3 800
0.40; 0.45;	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.50; 0.55; 0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.63; 0.65; 0.70; 0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.8; 0.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.2; 1.3; 1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.5; 1.6; 1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2.0; 2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2.5; 2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3.0; 3.2; 3.5; 3.8; 3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4.0; 4.5; 5.0; 5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6; 6.5; 7; 7.5	2 000 7 000	2 000 7 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8; 8.5; 9; 9.5; 10; 10.5	3 000 12 000	3 000 12 000	3 000 12 000	3 000 12 000	3 000 12 000	4 000 12 000	4 000 12 000	—	—	—	—	—	—	—	—	—
11; 11.5; 12; 12.5	3 000 10 000	3 000 10 000	3 000 10 000	3 000 10 000	3 000 10 000	4 000 10 000	4 000 9 000	—	—	—	—	—	—	—	—	—
13; 13.5; 14; 14.5; 15;	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 200	—	—	—	—	—	—
15.5; 16; 16.5; 17; 17.5;	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	—	—	—	—	—	—
18; 18.5; 19; 19.5; 20;																
20.5; 21; 21.5; 22; 22.5; 23;																
23.5; 24; 24.5; 25; 25.5																
26; 27; 28; 29; 30; 31; 32;	3 200	3 209	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 000	3 200	3 400	3 600	—
34; 36; 38; 40	12 000	12 000	12 000	12 000	12 000	11 000	11 000	10 000	10 000	10 000	10 000	9 500	9 500	9 500	9 500	—
42; 45; 48; 50; 52; 55; 58;	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 000	3 000	3 000	3 000	3 200	3 400	3 600	3 600
60; 62; 65; 68; 70; 72; 75;	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	8 500	8 000	7 000
78; 80; 82; 85; 87; 90; 92;																
95; 100; 105; 110; 115;																
120; 125; 130; 135; 140;																
145; 150; 155; 160																

Note. At the customer's request, sheet products may be produced with dimensions other than those specified in table 1.

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Table 2

mm	
Width of the rolled stock	Thickness of rolled stock supplied in rolls
500	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
530	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
550	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.5; 12.0
600	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
630	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 6.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
650	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
670	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
700	1.5; 1.6; 1.8; 2.10; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.6; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
(710)	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 1.00; 10.5; 11.0; 11.5; 12.0
750	1.5; 1.6; 1.8; 2.10; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
800	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
850	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
900	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
950	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
1 000	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
1 100	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
1 250	1.2; 1.3; 1.4; 1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
1 400	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
(1 420)	1.5; 1.6; 1.8; 2.10; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
1 500	1.5; 1.6; 1.8; 2.0; 2.2; 2.5; 2.8; 3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
1 600	3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5; 12.0
1 700	3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5;
1 800	3.0; 3.2; 3.5; 3.8; 3.9; 4.0; 4.5; 5.0; 5.3; 5.5; 6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0; 10.5; 11.0; 11.5;
1 900	6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0
2 000	6.0; 6.3; 7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0
2 100	7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0
2 200	7.0; 7.5; 8.0; 8.5; 9.0; 9.5; 10.0

Note. At the customer's request sheet products may be produced in rolls with dimensions of thickness and width other than those specified in table 2.

(Amended Wording, Amendment No. 5.)

Table 3

Thickness of the rolled stock (sheets and rolls)	Mm													
	Maximum thickness deviations of rolled stock with width													
	from 500 to 750		More than 730 to 1 000		more than 1 000 to 1 500		more than 1 500 to 2 000		more than 2 000 to 2 300		more than 2 300 to 2 700		more than 2 700 to 3 000	
	Enhanced precision of rolling	Standard precision of rolling	Enhanced precision of rolling	Standard precision of rolling	Enhanced precision of rolling	Standard precision of rolling	Enhanced precision of rolling	Standard precision of rolling	Enhanced precision of rolling	Standard precision of rolling	Enhanced precision of rolling	Standard precision of rolling	Enhanced precision of rolling	Standard precision of rolling
From 0.40	±0.05	±0.07	—	—	—	—	—	—	—	—	—	—	—	—
More than 0.50 to 0.60	±0.06	±0.08	—	—	—	—	—	—	—	—	—	—	—	—
" 0.60" 0.75	±0.07	±0.09	±0.07	±0.09	—	—	—	—	—	—	—	—	—	—
" 0.75" 0.90	±0.08	±0.10	±0.08	±0.10	—	—	—	—	—	—	—	—	—	—
" 0.90" 1.10	±0.09	±0.11	±0.09	±0.12	—	—	—	—	—	—	—	—	—	—
" 1.10" 1.20	±0.10	±0.12	±0.11	±0.13	±0.12	±0.15	—	—	—	—	—	—	—	—
" 1.20" 1.30	±0.11	±0.13	±0.12	±0.14	±0.12	±0.15	—	—	—	—	—	—	—	—
" 1.30" 1.40	±0.11	±0.14	±0.12	±0.15	±0.12	±0.18	—	—	—	—	—	—	—	—
" 1.40" 1.60	±0.12	±0.15	±0.13	±0.15	±0.13	±0.18	—	—	—	—	—	—	—	—
" 1.60" 1.80	±0.13	±0.15	±0.14	±0.17	±0.14	±0.18	—	—	—	—	—	—	—	—
" 1.80" 2.00	±0.14	±0.16	±0.15	±0.17	±0.16	±0.18	±0.17	±0.20	—	—	—	—	—	—
" 2.00" 2.20	±0.15	±0.17	±0.16	±0.18	±0.17	±0.19	±0.18	±0.20	—	—	—	—	—	—
" 2.20" 2.50	±0.16	±0.18	±0.17	±0.19	±0.18	±0.20	±0.19	±0.21	—	—	—	—	—	—
" 2.50" 3.00	±0.17	±0.19	±0.18	±0.20	±0.19	±0.21	±0.20	±0.22	±0.23	±0.25	—	—	—	—
" 3.00" 3.50	±0.18	±0.20	±0.19	±0.21	±0.20	±0.22	±0.22	±0.24	±0.26	±0.29	—	—	—	—
" 3.50" 3.90	±0.20	±0.22	±0.21	±0.23	±0.22	±0.24	±0.24	±0.26	±0.28	±0.31	—	—	—	—
" 3.90" 5.5	+0.10	+0.20	+0.15	+0.30	+0.10	+0.30	+0.20	+0.40	+0.25	+0.45	—	—	—	—
" 5.5" 7.5	-0.40	-0.40	-0.40	-0.40	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	—	—	—	—
" 7.5" 10.0	-0.80	+0.10	+0.10	+0.20	+0.10	+0.25	+0.20	+0.40	+0.25	+0.45	—	—	—	—
" 10.0" 12.0	-0.80	+0.20	+0.10	+0.20	+0.20	+0.30	+0.20	+0.35	+0.25	+0.45	—	+0.60	—	—
	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	—	-0.80	—	-0.80

## Notes:

1. At the request of enterprises under the Ministry for the Aviation Industry it is allowed to manufacture sheet products with a negative tolerance value equal to the sum of the maximum deviations.

2. By agreement between the manufacturer and the customer, sheet and roll rolled stock may be produced with the following maximum deviations of thickness:

±0.0.14 mm-for rolled stock with a thickness of more than 1.10 mm and less than 1.20 mm, width more than 1 000 mm and less than 1 500 mm of standard precision of rolling;

±0.0.16 mm-for rolled stock with a thickness of more than 1.30 mm and less than 1.40 mm, width more than 1 000 mm and less than 1 500 mm of standard precision of rolling;

±0.0.12 mm-for rolled stock with a thickness of more than 1.40 mm and less than 1.60 mm, width more than 750 mm and less than 1 000 mm, enhanced precision of rolling;

±0.0.16 mm- " " " " " " width more than 1 000 mm and less than 1500 mm, standard precision of rolling;

±0.0.16 mm-for rolled stock with a thickness of more than 1.60 mm and less than 1.80 mm, width more than 750 mm and less than 1 000 mm, standard precision of rolling;

±0.0.17 mm " " " " " " width more than 1 000 mm and less than 1 500 mm, standard precision of rolling;

±0.0.15 mm-for rolled stock with a thickness of 2.00 mm and less than 2.20 mm, width more than 750 mm and less than 1 000 mm, enhanced precision of rolling;

±0.0.17 mm- " " " " " " standard precision of rolling;

±0.0.16 mm-for rolled stock with a thickness of more than 2.20 mm and less than 2.50 mm, width more than 750 mm and less than 1 000 mm, enhanced precision of rolling;

±0.0.18 mm- " " " " " " standard precision of rolling;

±0.0.17 mm-for rolled stock with a thickness of more than 2.50 mm and less than 3.00 mm, width more than 750 mm and less than 1 000 mm, enhanced precision of rolling;

±0.0.19 mm- " " " " " " standard precision of rolling.



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Table 4

Thickness of rolled stock	Maximum thickness deviation for rolled stock with width													
	More than 1 000 and less than 1 200	More than 1 200 and less than 1 500	More than 1 500 and less than 1 700	More than 1 700 and less than 1 800	More than 1 800 and less than 2 000	More than 2 000 and less than 2 300	More than 2 300 and less than 2 500	More than 2 500 and less than 2 600	More than 2 600 and less than 2 800	More than 2 800 and less than 3 000	More than 3 000 and less than 3 200	More than 3 200 and less than 3 400	More than 3 400 and less than 3 600	More than 3 600 and less than 3 800
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
More than 12.0 and less than 25.0	+0.2 -0.8	+0.2 -0.8	+0.3 -0.8	+0.4 -0.8	+0.6 -0.8	+0.8 -0.8	+0.8 -0.8	+1.0 -0.8	+1.1 -0.8	+1.2 -0.8	+1.3 -0.8	+1.4 -0.8	-	-
" 25.0" 30.0	+0.2 -0.9	+0.2 -0.9	+0.3 -0.9	+0.4 -0.9	+0.6 -0.9	+0.8 -0.9	+0.9 -0.9	+1.0 -0.9	+1.1 -0.9	+1.2 -0.9	+1.3 -0.9	+1.4 -0.9	+1.5 -0.9	+1.6 -0.9
" 30.0" 34.0	+0.2 -1.0	+0.3 -1.0	+0.3 -1.0	+0.4 -1.0	+0.5 -1.0	+0.8 -1.0	+0.9 -1.0	+1.0 -1.0	+1.2 -1.0	+1.3 -1.0	+1.4 -1.0	+1.5 -1.0	+1.6 -1.0	+1.7 -1.0
" 31.0" 40.0	+0.3 -1.1	+0.4 -1.1	+0.5 -1.1	+0.6 -1.1	+0.7 -1.1	+0.9 -1.1	+1.0 -1.1	+1.1 ±1.1	+1.3 -1.1	+1.4 -1.1	+1.5 -1.1	+1.6 -1.1	+1.7 -1.1	+1.8 -1.1
" 40.0" 50.0	+0.4 -1.2	+0.5 -1.2	+0.6 -1.2	+0.7 -1.2	+0.8 2	+1.0 -1.2	+1.1 -1.2	+1.2 ±1.2	+1.4 -1.2	+1.5 -1.2	+1.6 -1.2	+1.7 -1.2	+1.8 -1.2	+1.9 -1.2
" 50.0" 60.0	+0.6 -1.3	+0.6 -1.3	+0.7 -1.3	+0.8 -1.3	+0.9 -1.3	+1.0 -1.3	+1.1 -1.3	+1.2 -1.3	+1.4 -1.3	+1.5 -1.3	+1.6 -1.3	+1.7 -1.3	+1.8 -1.3	+1.9 -1.3
" 60.0" 70.0	-	+0.7 -1.6	+0.8 -1.6	+0.9 -1.6	+1.0 -1.6	+1.1 -1.6	+1.2 -1.6	+1.3 -1.6	+1.4 -1.6	+1.5 -1.6	+1.6 ±1.6	+1.7 -1.6	+1.8 -1.6	+1.9 -1.6
" 70.0" 80.0	-	+0.7 -2.2	+0.8 -2.2	+0.9 -2.2	+1.0 -2.2	+1.1 -2.2	+1.2 -2.2	+1.3 -2.2	+1.4 -2.2	+1.5 -2.2	+1.6 -2.2	+1.7 -2.2	+1.8 -2.2	+1.9 -2.2
" 80.0" 90.0	-	+0.8 -2.5	+0.9 -2.5	+1.0 -2.5	+1.1 -2.5	+1.2 -2.5	+1.3 -2.5	+1.4 -2.5	+1.5 -2.5	+1.6 -2.5	+1.7 -2.5	+1.8 -2.5	+1.9 -2.5	+2.0 -2.5
" 90.0" 100.0	-	+0.9 -2.7	+1.0 -2.7	+1.1 -2.7	+1.2 -2.7	+1.3 -2.7	+1.4 -2.7	+1.5 -2.7	+1.6 -2.7	+1.7 -2.7	+1.8 -2.7	+1.9 -2.7	+2.0 -2.7	+2.1 -2.7
" 100.0" 115.0	-	+1.1 -3.1	+1.2 -3.1	+1.3 -3.1	+1.4 -3.1	+1.5 -3.1	+1.6 -3.1	+1.7 -3.1	+1.8 -3.1	+1.9 -3.1	+2.0 -3.1	+2.1 -3.1	+2.2 -3.1	+2.3 3.1
" 115.0" 125.0	-	+1.4 -3.5	+1.5 -3.5	+1.6 -3.5	+1.7 -3.5	+1.8 -3.5	+1.9 -3.5	+2.0 -3.5	+2.1 -3.5	+2.2 -3.5	+2.3 -3.5	+2.4 -3.5	+2.5 -3.5	+2.6 -3.5
" 125.0" 140.0	-	+1.6 -3.8	+1.7 -3.8	+1.8 -3.8	+1.9 -3.8	+2.0 -3.8	+2.1 -3.8	+2.2 -3.8	+2.3 -3.8	+2.4 -3.8	+2.5 -3.8	+2.6 -3.8	+2.8 -3.8	+2.9 -3.8
" 140.0" 160.0	-	+1.9 -4.2	+2.0 -4.2	+2.1 -4.2	+2.2 -4.2	+2.3 -4.2	+2.4 -4.2	+2.5 -4.2	+2.6 -4.2	+2.7 -4.2	+2.8 -4.2	+2.9 -4.2	+3.0 -4.2	+3.1 -4.2

Note. At the request of enterprises under the Ministry for the Aviation Industry it is allowed to manufacture sheet products with a negative tolerance value equal to the sum of the maximum deviations.

5. At the customer's request, the crown of the rolled stock manufactured in rolls in one transverse section shall not exceed half of the sum of maximum thickness deviations.

6. The maximum width deviations of the rolled stock with sheared edge manufactured in rolls shall not exceed:

+5 mm for the width from 500 to 1 000 mm, inclusive;

+10 mm for the width more than 1 000 mm.

7. Maximum width deviations of the rolled stock with sheared edge manufactured in sheets shall not exceed the standards specified in table 5.

Table 5

Width of rolled stock	Thickness of rolled stock	Maximum width deviations of rolled stock
Less than 800	Less than 3.9	+6
More than 800		+10
Less than 1500	More than 3.9 less than 16	+10
More than 1500		+15
All widths	More than 16 less than 60	+25
	more than 60 less than 100	+50
	more than 100 less than 160	+75

Note. For sheets with a length of more than 8 m and a thickness up to 12 mm, the maximum width deviations shall not exceed 0.2 % of the lengths.



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By agreement between the manufacturer and the customer, the maximum width deviations of the rolled stock with a sheared edge manufactured in sheets shall not exceed:

- +5 mm for a width less than 1 000 mm, inclusive;
- +10 mm for a width of steel more than 1 000 mm.

**(Amended Wording, Amendments Nos. 1, 2, and 3.)**

8. Maximum width deviations of sheet products rolled per sheet and manufactured with mill edge, shall not exceed more than 50 mm the maximum width deviations specified in table 5.

By agreement between the customer and the manufacturer, other maximum deviations ensuring the customer obtains the sheets with the dimensions specified in the Order are allowed.

**(Amended Wording, Amendment No. 1.)**

9. Maximum width deviations of the rolled stock rolled on continuous-rolling mills and manufactured with mill edge shall not exceed:

- +20 mm for a width less than 1 000 mm;
- +30 mm for a width of more than 1 000 mm.

10. Maximum length deviations of the rolled stock rolled per sheet shall not exceed the standards specified in table 6.

Table 6

mm		
Length of rolled stock	Thickness of rolled stock	Maximum length deviations of rolled stock
Less than 1 500 More than 1 500	Less than 3.9	+10 +15
Less than 2 000 more than 2 000 and less than 6 000 more than 6 000	More than 3.9 less than 16	+10 +25 +35
Less than 3 000 more than 3 000 and less than 6000 more than 6 000	More than 16 less than 60	+15 +25 +40
All lengths	More than 60 less than 100 more than 100 less than 160	+50 +75

**(Amended Wording, Amendment No. 1.)**

11. Maximum length deviations of the rolled stock rolled at continuous-rolling mills and cut in sheets shall not exceed the standards specified in table 7.

Table 7

mm		
Length of rolled stock	Thickness of rolled stock	Maximum length deviations of rolled stock
Less than 1 500 More than 1 500	Less than 3.9	+15 +20
Less than 4 000 More than 4 000	More than 3.9	+20 +25

**(Amended Wording, Amendment No. 3.)**

12. The flatness deviations on 1 m of the rolled stock length manufactured in sheets shall not exceed standards specified in table 8.

13. Camber of the rolled stock manufactured in rolls shall not exceed 10 mm along the length of 3 m. By agreement between the manufacturer and the customer the camber of the rolled stock manufactured in sheets shall not exceed 3 mm along the length of 1 m.

By agreement between the customer and the manufacturer another limiting magnitude of the camber may be stipulated.

14. Cutting of the sheets shall be carried out at right angles. Cut obliquity and camber shall not cause sheet dimensions' exceeding of the stipulated width and length.

**(Amended Wording, Amendment No. 1.)**

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Table 8

Type of flatness	mm		
	Flatness deviations given a thickness of rolled stock, in mm, no more than		
	0.4-1.4	0.4-1.4	4.0 and more
Extra high	8	8	5
High	10	10	8
Improved	15	12	10
Standard	20	15	12

## Notes:

1. The flatness deviations specified in table 8 shall be applied to the rolled stock sheets with  $\sigma_b \leq 70 \text{ kgf/mm}^2$ ; for rolled stock sheets with  $\sigma_b > 70 \text{ kgf/mm}^2$ , the standard values shall be stipulated by general technical requirements or specifications.

2. The sheet products with extra high flatness shall be produced by agreement between the customer and the manufacturer.

**(Amended Wording, Amendment No. 1.)**

15. In the case of manufacture of the rolled stock in sheets and rolls with mill edges, any tears or other imperfections (if they exist on the edges) shall not exceed half of the maximum width deviations and shall not cause sheet dimensions' exceeding of the stipulated width dimension specified in the Order.

16. The rolled stock manufactured in rolls shall not have twisted or crumpled ends. Bent edges angled at no more than  $90^\circ$  are allowed in some places.

17. Telescoping of the rolled stock manufactured in rolls shall not exceed standards specified in table 9.

Table 9

Thickness of rolled stock	mm	
	Width of rolled stock	Rolls telescoping
Less than 2.5	Less than 800	50
	More than 800	100.
More than 2.5	Less than 800	35
	More than 800	70

Note. By agreement between the manufacturer and the customer, the telescoping of the rolled stock in rolls with a thickness no more than 2.5 mm and width more than 800 mm shall not exceed 70 mm.

The case when one inner or one outer coil shall overhang the roll end surface shall not be considered as telescoping.

The loose packing of the two outer coils of a roll is allowed.

**(Amended Wording, Amendments Nos. 2 and 3.)**

18. Measuring of the rolled stock thickness shall be carried out as follows:

a) in the case of sheets - at a distance no less than 100 mm from the end surfaces and no less than 40 mm from the edges;

b) in case of rolls - at a distance no less than 40 mm from the edges and no less than 2 m from the end of the roll.

**(Amended Wording, Amendment No. 1.)**

19. Width of the rolled stock, manufactured in rolls, shall be measured at a distance of no less than 2 m from the end of the roll.

Length of the ends with a deficient width shall not exceed the width of the roll. At the customer's request the ends with a deficient width shall be cut off.

20. Flatness deviation of sheet products shall be determined as the maximum sag between the surface of the sheet placed on a flat surface, and a measuring bar placed on it in a random direction.

**(Amended Wording, Amendment No. 1.)**

21. Rolled stock in rolls may consist of no more than two pieces (separate or conjoint by weld seam.)

The ratio of piece lengths in one roll shall not be less than 1:5. By agreement between the customer and the manufacturer the rolls containing large number of pieces or weld seams are allowed.

**(Amended Wording, Amendment No. 1.)**

22. The inside diameter of a roll shall be no less than 650 mm and no more than 1 000 mm.

**(Amended Wording, Amendment No. 1.)**

23. The maximum weight of each roll shall not exceed 20 metric tons. By agreement between the customer and the manufacturer, rolls with other weights are allowed.

**(Amended Wording, Amendment No. 1.)**

TABLE OF THE WAREHOUSE STIPULATED SHEETS DIMENSIONS

Thickness of rolled stock	Length of sheet products of width											
	500	510	600	650	670	700	710	750	800	850	900	950
0.40; 0.45; 0.50; 0.55; 0.60		710 1 420	1 200 1 420 2 000	1 400	1 200	1 420	1 200 1 420 2 000	1 500 2 000	—	—	—	—
0.63; 0.65; 0.70; 0.75	1 200	710 1 420	1 420 2 000	2 000	1 420	1 420	1 200 1 420 2 000	1 500 2 000	—	—	—	—
0.8; 0.9	1 200	710 1 420	1 420 2 000	2 000	1 420	1 420	1 200 1 420 2 000	1 500 2 000	1 500	—	—	—
1.0	—	—	1 420 2 000	2 000	1 420	1 420	1 420 2 000	1 500 2 000	1 600	1 700	1 800 2 000	1 900
1.2; 1.3; 1.4	—	—	1 420 2 000	2 000	1 420	1 420	1 420 2 000	1 500 2 000	1 600	1 800	1 800	2 000
1.5; 1.6; 1.8	—	—	1 420 2 000	1 420 2 000	1 420 2 000	1 420 2 000	1 420 2 000 2 200 2 200 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	1 500 1 600 2 000 2 000 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	1 600	1 800	1 500 1 800 2 000 2 000 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	2 000 2 000 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000

(cont.)

Thickness of rolled stock	Length of sheet products of width								
	1 000	1 100	1 250	1 400	1 420	1 500	1 600	1 700	1 800
0.40; 0.45; 0.50; 0.55; 0.60	2 000	—	—	—	—	—	—	—	—
0.63; 0.65; 0.70; 0.75	2 000 2 500	—	2 500	—	—	—	—	—	—
0.80; 0.90	2 000 2 500	—	2 500	—	—	—	—	—	—
1.0	1 800 2 000 2 500	—	2 500	—	—	—	—	—	—
1.2; 1.3; 1.4	1 800 2 000 2 500	2 000	2 500 2 800 3 000	—	—	—	—	—	—
1.5; 1.6; 1.8	1 500 1 800 2 000 2 200 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	2 000 2 000 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	2 000 2 200 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	2 000 2 200 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	2 000 2 200 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	2 000 2 200 2 500 2 800 3 000 3 500 4 000 4 500 5 000 5 500 6 000	—	—	—

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(cont.)

Thickness of steel	mm												
	Length of sheet products of width												
	500	510	600	650	670	700	710	750	800	850	900	950	
2.0; 2.2	—	—	1 420	1 420	1 420	1 420	1 420	1 500 1 600	1 600		1 800		
			2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	
							2 200	2 200	2 200 2	2 200	2 200	2 200	
							2 500	2 500	500	2 500	2 500	2 500	
							2 800	2 800	2 800	2 800	2 800	2 800	
							3 000	3 000	3 000	3 000	3 000	3 000	
							3 500	3 500	3 500	3 500	3 500	3 500	
							4 000	4 000	4 000	4 000	4 000	4 000	
							4 500	1 500	4 500	4 500	4 500	4 500	
							5 000	5 000	5 000	5 000	5 000	5 000	
							5 500	5 500	5 500	5 500	5 500	5 500	
							6 000	6 000	6 000	6 000	6 000	6 000	
	2.5; 2.8	—	—	2 000	2 000	2 000	2 000	2 000	1 420	1 600	1 600	2 000	2 000
								2 200	2 200	2 200	2 200	2 200	2 200
								2 500	2 500	2 500	2 500	2 500	2 500
							2 800	2 800	2 800	2 800	2 800	2 800	
							3 000	3 000	3 000	3 000	3 000	3 000	
							3 500	3 500	3 500	3 500	3 500	3 500	
							4 000	4 000	4 000	4 000	4 000	4 000	
							4 500	4 500	4 500	4 500	4 500	4 500	
							5 000	5 000	5 000	5 000	5 000	5 000	
							5 500	5 500	5 500	5 500	5 500	5 500	
							6 000	6 000	6 000	6 000	6 000	6 000	
3.0; 3.2; 3.5; 3.8; 3.9		—	—	2 000	2 000	2 000	2 000	2 000	1 420	1 600	1 600	2 000	2 000
								2 200	2 200	2 200	2 200	2 200	2 200
								2 500	2 500	2 500	2 500	2 500	2 500
								2 800	2 800	2 800	2 800	2 800	2 800
							3 000	3 000	3 000	3 000	3 000	3 000	
							3 500	3 500	3 500	3 500	3 500	3 500	
							4 000	4 000	4 000	4 000	4 000	4 000	
							4 500	4 500	4 500	4 500	4 500	4 500	
							5 000	5 000	5 000	5 000	5 000	5 000	
							5 500	5 500	5 500	5 500	5 500	5 500	
							6 000	6 000	6 000	000	6 000	6 000	

(cont.)

Thickness of rolled stock	mm								
	Length of sheet products with the width of								
	1000	1100	1250	1100	1 420	1 500	1 600	1700	1 800
2.0; 2.2; 2.5; 2.8	2 000	2 000		2 000	2 000	2 000			
	2 200	2 200		2 200	2 200	2 200			
	2 500	2 500		2 500	2 500	2 500			
	2 800	2 800		2 800	2 800	2 800			
	3 000	3 000		3 000	3 000	3 000			
	3 500	3 500		3 500	3 500	3 500	—	—	—
	4 000	4 000		4 000	4 000	4 000			
	4 500	4 500		4 500	4 500	4 500			
	5 000	5 000		5 000	5 000	5 000			
	5 500	5 500		5 500	5 500	5 500			
	6 000	6 000		6 000	6 000	6 000			
3.0; 3.2; 3.5; 3.8; 3.9	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000
	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200
	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500
	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800
	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000
	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500
	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000

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(cont.)

Thickness of rolled stock	mm																	
	Length of sheet products of width																	
	600	650	670	700	710	750	800	850	900	930	1 000	1 100	1 250	1 400				
4.0; 4.5; 5.0; 5.5	2 000	2 000	2 000	2 000	1 420	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000			
				2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200		
				2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	
				2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	
				3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	
				3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	
				4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	
				4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	
				5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	
				5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	
				6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	
				6 6.5; 7; 7.5	—	—	—	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000
								2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200
								2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500
								2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800
								3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000
				3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500				
				4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000				
				4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500				
				5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000				
				5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500				
				6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000				
				7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000				

(cont.)

Thickness of rolled stock	mm											
	Length of sheet products of width											
	1 420	1 500	1 600	1 700	1 800	1 900	2 000	2 100	2 200	2 300	2 400	2 500
4.0; 4.5; 5.0; 5.5	2 000	2 000	2 000	2 000	2 000							
	2 200	2 200	2 200	2 200	2 200							
	2 500	2 500	2 500	2 500	2 500							
	2 800	2 800	2 800	2 800	2 800							
	3 000	3 000	3 000	3 000	3 000							
	3 500	3 500	3 500	3 500	3 500	—	—	—	—	—	—	—
	4 000	4 000	4 000	4 000	4 000							
	4 500	4 500	4 500	4 500	4 500							
	5 000	5 000	5 000	5 000	5 000							
	5 500	5 500	5 500	5 500	5 500							
6; 6.5; 7; 7.5	6 000	6 000	6 000	6 000	6 000							
	2 000	2 000	2 000	2 000	2 000	2 000	2 000					
	2 200	2 200	2 200	2 200	2 200	2 200	2 200					
	2 500	2 500	2 500	2 500	2 500	2 500	2 500					
	2 800	2 800	2 800	2 800	2 800	2 800	2 800					
	3 000	3 000	3 000	3 000	3 000	3 000	3 000					
	3 500	3 500	3 500	3 500	3 500	3 500	3 500					
	4 000	4 000	4 000	4 000	4 000	4 000	4 000	—	—	—	—	—
	4 500	4 500	4 500	4 500	4 500	4 500	4 500					
	5 000	5 000	5 000	5 000	5 000	5 000	5 000					
	5 500	5 500	5 500	5 500	5 500	5 500	5 500					
	6 000	6 000	6 000	6 000	6 000	6 000	6 000					
7 000	7 000	7 000	7 000	7 000	7 000	7 000						

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(cont.)

Thickness of rolled stock	mm Length of sheet products of width													
	600	650	670	700	710	750	800	850	900	950	1 000	1100	1250	1 400
8; 8.5; 9; 9.5; 10; 10.5	-	-	-	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000
				2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200	2 200
				2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500
				2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800	2 800
				3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000
				3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500
				4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
				4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
				5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
				5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
				6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
				8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
	11; 11.5; 12; 12.5	-	-	-	-	-	-	-	-	-	-	2 000	2 000	2 000
											2 200	2 200	2 200	2 200
											2 500	2 500	2 500	2 500
											2 800	2 800	2 800	2 800
											3 000	3 000	3 000	3 000
											3 500	3 500	3 500	3 500
											4 000	4 000	4 000	4 000
											4 500	4 500	4 500	4 500
											5 000	5 000	5 000	5 000
											5 500	5 500	5 500	5 500

(cont.)

Thickness of rolled stock	mm Length of sheet products of width											
	1 420	1 500	1 600	1 700	1 800	1 900	2 000	2 100	2 200	2 300	2 400	2 500
8; 8.5; 9; 9.5; 10 10.5	2 000	2 000										
	2 200	2 200										
	2 500	2 500										
	2 800	2 800										
	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000		
	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	
	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
	6 000	5 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
	8 000	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500
		7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000
		7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
		8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
		9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000
	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	
	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	
	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	
11; 11.5; 12; 12.5	2 000	2 000										
	2 200	2 200										
	2 500	2 500										
	2 800	2 800										
	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000		
	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500		
	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
		7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000
		7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
		8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	
	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000		
	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000		
	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000		

Thickness of rolled stock	mm											
	Length of a sheet products at of width											
	1 000	1 100	1 230	1 400	1 420	1 500	1 600	1 700	1 800	1 900	2 000	2 100
13; 13.5; 14; 14.5;	2 500	2 500	2 500	2 500	2 500							
15.0; 15.5; 16; 16.5;	2 800	2 800	2 800	2 800	2 800							
17; 17.5; 18; 18.5; 19;	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 200	3 200	3 200	3 200	3 200
19.5; 20; 20.5; 21;	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500
21.5; 22; 22.5; 23;	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
23.5; 24; 24.5; 25; 25.5	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500
			7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000
			7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
			8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
			9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000
			10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000
			11 000	11 000	11 000	11 000	11 000	11 000				
			12 000	12 000	12 000	12 000						
26; 27; 28; 29; 30; 31;	—	—	2 500	2 500	2 500							
32 34; 36; 38; 40			2 800	2 800	2 800							
			3 000	3 000	3 000	3 000	3 000	3 200	3 200	3 200	3 200	3 200
			3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500
			4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
			4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
			5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
			5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
			6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
			6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500
			7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000
			7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
			8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
			9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000
			10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000
			11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000	11 000
			12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000
42; 45; 48; 50; 52; 55;	—	—	2 500	2 500								
58; 60; 62; 65; 68; 70;			2 800	2 800								
72; 76; 78; 80; 82; 85;			3 000	3 000	3 000	3 000	3 000					
87; 90; 92; 95; 100;			3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500
105; 110; 115; 120;			4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
125; 130; 135; 140;			4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
145; 150; 155; 160			5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
			5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
			6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
			6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500
			7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000
			7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
			8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
			9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000



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(cont.)

Thickness of rolled stock	mm												
	Length of sheet products of width												
	2 200	2 300	2 400	2 500	2 600	2 700	2 800	2 900	3 000	3 200	3 400	3 600	3 800
13; 13.5; 14; 14.5; 15.0;	3 200	3 200	3 200	3 200	3 200	3 200	3 200						
15.5; 16; 16.5; 17; 17.5; 18;	3 500	3 500	3 500	3 500	3 500	3 500	3 500						
18.5; 19; 19.5; 20; 20.5; 21;	4 000	4 000	4 000	4 000	4 000	4 000	4 000						
21.5; 22; 22.5; 23; 23.5; 24;	4 500	4 500	4 500	4 500	4 500	4 500	4 500						
24.5; 25; 25.5	5 000	5 000	5 000	5 000	5 000	5 000	5 000						
	5 500	5 500	5 500	5 500	5 500	5 500	5 500						
	6 000	6 000	6 000	6 000	6 000	6 000	6 000						
	6 500	6 500	6 500	6 500	6 500	6 500	6 500	—	—	—	—	—	—
	7 000	7 000	7 000	7 000	7 000	7 000	7 000						
	7 500	7 500	7 500	7 500	7 500	7 500	7 500						
	8 000	8 000	8 000	8 000	8 000	8 000	8 000						
	9 000	9 000	9 000	9 000	9 000	8 200	8 200						
	10 000	10 000	10 000	10 000	10 000	10 000	10 000						
26; 27; 28; 29; 30; 31; 32;	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 200	3 000	3 000	3 000	3 000	—
34; 36; 38; 40	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	
	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500
	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000
	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000
	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	9 500	9 500	9 500	9 500	
	11 000	11 000	11 000	11 000									
	12 000	12 000											
42; 45; 48; 60; 52; 55; 58;	3 500	3 500	3 500	3 500	3 000	3 000	3 000	3 000	3 000	3 200	3 400	3 600	3 600
60; 62; 65; 68; 70; 72; 75;	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000	4 000
78; 80; 82; 85; 87; 90; 92;	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500
96; 100; 105; 110; 115; 120;	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
125; 130; 135; 140; 145;	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500	5 500
150; 155; 160	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000
	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500	6 500
	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000	7 000
	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000	8 000
	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	9 000	8 500		

Note. In case of the delivery of sheets of shape No. 1, the presence of no more than three other dimensions selected from the given table is allowed in an amount no more than 20 % from a batch; in the case of roofing and zinc-coated rolled stock the amount shall be no more than 10 % from a batch.

(Amended Wording, Amendment No. 1.)

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