

## **HOT-ROLLED PICKLED PRODUCTS**

Hot-rolled pickled products are manufactured of commercial quality carbon steel, quality carbon steel and alloy steel. They are higher-strength steels in the form of sheets and coils. This type of rolled products is used for cold stamping of automobile components.

Range of products

Standard (Specifications)	Steel Grade	Thickness, mm	Width, mm	Length, mm
GOST 4041-71 Sheets, coils, bands	GOST 1050-88: 08ps 3rd category, 25ps, 08YuA, 10YuA, 15YuA, 20 YuA 2nd category acc. to GOST 4041-71: 08Yu 4th category	4-6	Sheets, coils: 800-1600 Bands: 100-499	Sheets: 1000-6000
Mechanical properties and dimension tolerances – according to GOST 4041-71 and GOST 19903-74				
GOST 16523-89 Sheets, coils, bands	GOST 1050-88 GOST 380-94	Sheets, coils: 1,5-3,9 Bands: 1.5-3.9	Sheets, coils: 900 and more Bands:100-499	Sheets: 1000-6000
Mechanical properties and dimension tolerances according to GOST 19903-74				
GOST 1577-93 Sheets, coils, bands	GOST 1050-88 GOST 4543-71 GOST 14959-79	Sheets, coils, bands: 4.0-6.0	Sheets, coils: 900-1550 Bands: 100-500	Sheets: 2500-6000
Mechanical properties according to GOST 1577-93 Dimension tolerances according to GOST 19903-74				
GOST 17066-94 Sheets, coils	GOST 17066-94, GOST 19281-89 14G2, 09G2, 09G2D, 12GS, 16GS, 17GS, 09G2SD, 10G2S1F, 10HND, 15HSND, 10HNDP, 10G2B, 10G2BD	2.0-3.9	500 and and more	As per order
Mechanical properties according to GOST 17066-94 Dimension tolerances according to GOST 19903-74				
TU 14-105-697-02 Sheets	18HGP	To be agreed upon with a customer		
Mechanical properties according to TU 14-105-697-02 Dimension tolerances according to GOST 19903-74				
TU 14-105-212-87 Bands	GOST 1050-88: 08ps GOST 9045-93: 08Yu	4.0 5.0	360	-
Mechanical properties according to TU 14-105-212-87 Thickness tolerances according to GOST 19903-74 Width tolerances according to GOST 1530-78				
TU 14-105-175-88 Bands	GOST 1050-88: from 08ps and 08sp up to 20ps and 20sp GOST 4041-71: 08Yu, 08YuA, 20YuA	2.0-3.9	100-500	-
Mechanical properties according to TU 14-105-175-88 Thickness tolerances according to GOST 19903-74 Width tolerance according to TU 14-105-175-88				
TU 14-105-370-88 Bands	TU 14-105-370-88: 0Т 08ps up to 20ps GOST 4041-71: 20YuA	2.0-6.0	100-500	-
Mechanical properties and dimension tolerances – according to TU 14-105-370-88				
TU 14-105-520-89 Sheets, coils, bands	TU 14-105-520-89: 08ps, 08Yu, 08YuA, 20ps, 20sp, 20Yu, 20YuA, 20YuCh	Sheets, coils, bands: 3.0-6.0	Bands: 380-600 Sheets, coils: 500-1500	Sheets: 1000-6000
Mechanical properties according to TU 14-105-520-89 Thickness tolerances according to GOST 19903-74				
TU 14-1-4516-88 Bands	GOST 1050-88: from 08ps to 20ps GOST 14959-79: 65, 70, 60G, 65G GOST 9045-93: 08Yu, 08ps GOST 803-81: 11YuA, 11Yu	2.0-6.0	100-600	-
Mechanical properties according to GOST 16253-97 and TU 14-1-4516-88 Dimension tolerances according to TU 14-1-4516-88				
TU 14-1-450-72 Bands	GOST 1050-88: from 10sp to 15sp	4.0-6.0	60-300	-
Mechanical properties and dimension tolerances according to TU 14-1-450-72				
TU 14-1-521-93 Bands	GOST 380-94: St2ps	3.0-6.0	80-285	-
Mechanical properties and dimension tolerances according to TU 14-1-421-93				
TU 14-1-522-93 Bands	GOST 1050-88: 20, GOST 4543-71: 20G	3.0-6.0	175-365	-
Mechanical properties and dimension tolerances according to TU 14-1-522-93				
TU 14-1-524-93 Bands	TY 14-1-524-93: 08Ю	2.0-4.4 4.5-6.0	90-500 120-500	-

		Mechanical properties according to TU 14-1-524-93 Dimension tolerances according to TU 14-1-524-93 and GOST 19903-74		
TU 14-1-3464-83 Coils	TU 14-1-3464-83: 08GSYuF	1.8-6.0	500-1400	-
		Mechanical properties according to TU 14-1-3464-83 Dimension tolerances according to GOST 19903-74		
TU 14-1-3671-73 Bands	TU 14-1-3671-73: 08GSYuF, 08GSYuT	2.0-6.0	140-600	-
		Mechanical properties and dimension tolerances according to TU 14-1-3464-73		
TU14-105-259-87 Sheets	20Yu, 20Yu (aluminium stabilized)	3.4	1000-1250	2000-4300
		Mechanical properties according to TU 14-105-259-87 Dimension tolerances according to GOST 19903-74		
TU 14-105-631-99 Bands	15YuTA	3.0-6.0	150-600	-
		Mechanical properties and dimension tolerances according to TU 14-105-631-99		
DIN 1614-2-86 Coils, bands, sheets	StW22 with boron	Coils: 1.2-15	Coils: 950-1280	
	RRStW23 with boron	Coils: 1.5-3.3	Coils: 950-1600	
	RRStW24 with boron	Bands: 1.2-3.2	Bands: 490-610	
	StW22	Coils: 2.0-6.0	1000-1280	-
	StW24, type IF	Sheets: 2.5-5.0 Coils: 2.5-5.0 Bands: 2.5-5.0	Sheets: 930-1300 Coils: 930-1300 Bands: 90-620	Sheets: 1000-6000
		Mechanical properties according to DIN 1614-2-86 Dimension tolerances according to EN 10051-94		
EN 10120-96 Coils	P245NB	3.3	1200	-
		Mechanical properties and dimension tolerances according to EN 10120-96		