

General dimensional limits

Parameter	Unit	Minimum	Maximum	valid for
Rolling length	[mm]		30,000	
Rolling width	[mm]		4,150	
Plate length	[mm]	4,000	18,700	all steel grades
	[mm]	4,000	16,000	plates normalized in the heat treatment furnace
	[mm]	4,000	13,200	quenched + tempered plates
	[mm]	6,000	18,700	TMCP-rolled plates
Plate width	[mm]	1,600	3,950	all steel grades (normalizing rolled)
	[mm]	1,600	3,800	normalized (furnace) and quenched + tempered plates
	[mm]	1,600	3,800	TMCP-rolled plates
	[mm]	2,000	3,400	plates made of ingots
additionally the maximum width is depending on steel grade and thickness				
Plate thickness	[mm]	5	150	steel grades acc. to EN standards
	[mm]	5	115	steel grades acc. to ASTM (min. forming of 3x plate thickness), if slab-thickness of 355mm is possible
	[mm]	70	200	plates made of ingots
	[mm]	8	100	TMCP-rolled plates
	[mm]		140	TMCP-rolled plates toughcore®
additionally the maximum thickness is depending on steel grade				
Weight per plate	[mt]	2.0	11.8	all steel grades, plates made of slabs
	[mt]		14.8	special steel grades, slab dimension of 355x1600mm
			20.8	special steel grades, slab dimension of 355x2200mm
	[mt]	14.9	24.0	special steel grades, plates made of ingots