



TECHNICAL STANDARD AND TERMS OF DELIVERY FOR HEAVY PLATES

The following TERMS OF DELIVERY provide an overview of the special steels contained in the HEAVY PLATE programme of voestalpine Grobblech GmbH. The plates are produced on the four-high heavy plate mill.

PRODUCTION DATA PRODUCTION DATA

Width		Max. width [mm]
Rolling width		4,150
Plate width		3,950
Length		Max. length [mm]
Rolling length		30,000
Plate length		18,000 ¹⁾
Thickness	Min. thickness [mm]	Max. thickness [mm]
	5	130 ²⁾
As-delivered condition	Thickness [mm]	Width [mm]
Thermomechanically rolled	8	max. 2,600
	50 ²⁾	max. 3,950
Normalised rolled	< 8	max. 3,150
	> 8	max. 3,950
Normalised	max. 130 ²⁾	max. 3,950
Quenched and tempered	max. 100	max. 3,850

¹⁾ Larger lengths on request

²⁾ Larger thicknesses on request

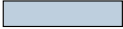


Max. plate weight 11.5 t

DIMENSIONAL LIMITS

DIMENSIONAL LIMITS

		Width [mm]																															
thickness [mm]		1,000	1,100	1,200	1,300	1,400	1,500	1,600	1,700	1,800	1,900	2,000	2,100	2,300	2,400	2,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,950	4,000		
		Max. length [m]																															
5								12	12	12	12	12	12	12	10	10	10	10	10	10	10	10											
6					12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10											
7				12	12	12	12	12	12	12	12	12	12	12	18	18	18	18	18	18	12	12	12										
8		12	12	12	12	12	12	12	12	12	12	12	12	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
9		12	12	12	12	12	12	12	12	12	12	12	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
10-13		12	12	12	12	12	12	12	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
14-20		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
25		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	16	16	15	15	14	
30		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	16	16	15	15	14	14	13	13	12	12	11	10	10	11	
35		18	17	18	18	18	18	18	18	18	18	18	18	18	17	16	15	15	14	14	13	13	12	12	12	11	11	10	10	10	10	10	
40		16	15	18	18	17	18	18	18	18	18	18	17	15	15	14	13	13	12	12	11	11	10	10	10	9	9	9	9	9	8	8	
45		14	13	18	18	17	18	18	18	17	16	15	15	13	13	12	12	11	11	10	10	9	9	9	9	9	8	8	8	8	8	7	
50		13	12	18	16	15	18	17	16	15	15	14	13	12	11	11	10	10	9	9	8	8	8	8	7	7	7	7	7	7	6	6	
55				16	15	14	17	16	15	14	13	13	12	11	10	10	9	9	8	8	8	8	7	7	7	7	6	6	6	6	6	6	
60				15	13	13	15	14	14	13	12	11	11	10	9	9	8	8	8	8	7	7	7	6	6	6	6	6	6	6	6	5	5
65				13	12	11	14	13	12	12	11	10	10	9	8	8	8	7	7	7	7	6	6	6	6	6	6	5	5	5	5	5	5
70				12	11	11	13	12	11	11	10	10	9	8	8	8	7	7	7	6	6	6	6	6	6	6	5	5	5	5	5	4	4
75				11	11	10	12	11	11	10	9	9	8	8	7	7	7	6	6	6	6	5	5	5	5	5	5	5	4	4	4	4	4
80				11	10	9	11	10	10	9	9	8	8	7	7	6	6	6	6	6	5	5	5	5	5	5	4	4	4	4	4	4	4
85				10	9	8	11	10	9	9	8	8	7	7	6	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4
90				9	9	8	10	9	9	8	8	7	7	6	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4
95				9	8	8	9	9	8	8	7	7	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
100				8	8	7	9	8	8	7	7	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
105				8	7	7	8	8	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
110				8	7	6	8	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
115				7	7	6	8	7	6	6	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
120				7	6	6	7	7	6	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
125				6	6	6	7	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
130				6	6	5	7	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

For tensile strength $\leq 600 \text{ N/mm}^2$ maximum width is 3,950 mm
Width < 1,000 mm and thicknesses > 130 mm upon agreement

-  for tensile strength $\geq 600 \text{ N/mm}^2$
-  for tensile strength $< 600 \text{ N/mm}^2$
-  upon agreement