

Rolled sheets

EN AW-1050A H24; EN 573-3; EN 485-2,-4

Limit deviations of thickness according to EN 485-4

Specified thickness [mm]		Limit deviations of the thickness for the specified width [mm]				
over	to and include	to and include 1 000	over 1 000 to and include 1 250	over 1 250 to and include 1 600	over 1 600 to and include 2 000	over 2 000 to and include 2 500
0,5	0,6	±0,03	±0,05	±0,06	±0,07	±0,11
0,6	0,8	±0,03	±0,06	±0,07	±0,08	±0,12
0,8	1,0	±0,04	±0,06	±0,08	±0,09	±0,13
1,0	1,2	±0,04	±0,07	±0,09	±0,10	±0,14
1,2	1,5	±0,05	±0,09	±0,10	±0,11	±0,16
1,5	1,8	±0,06	±0,10	±0,11	±0,12	±0,17
1,8	2,0	±0,06	±0,11	±0,12	±0,14	±0,19
2,0	2,5	±0,07	±0,12	±0,13	±0,15	±0,20
2,5	3,0	±0,08	±0,13	±0,15	±0,17	±0,23
3,0	3,5	±0,10	±0,15	±0,17	±0,18	±0,24
3,5	4,0	±0,15	±0,20	±0,22	±0,23	±0,25
4,0	5,0	±0,18	±0,22	±0,24	±0,25	±0,29
5,0	6,0	±0,20	±0,24	±0,25	±0,26	±0,32

Mechanical properties according to EN 485-2+A1

Material condition	Determined thickness [mm]		Tensile strength R_m [Mpa]		Slip limit $R_{p0,2}$ [Mpa]		Ductility min. [%]		Bend radius		Hardness [HBW] ^a
	over	to	min.	max	min.	max	A_{50mm}	A	180°	90°	
H24	0,5	1,5	105	145	75		4		1,0 t	0,5 t	33
H24	1,5	3,0	105	145	75		5		1,0 t	1,0 t	33
H24	3,0	6,0	105	145	75		8		1,5 t	1,5 t	33

Chemical composition of chisels EN 573-3 (Al99,5)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,25	0,4	0,05	0,05	0,05	-	-	0,07	0,05	0,03	-	99,5

Formats in stock [mm] (*)

1000 × 2000	1250 × 2500	1500 × 3000	-
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(*) Consult the sales department for the current availability of formats

Thicknesses in stock [mm]

0,20	0,30	0,50	0,60	0,80	1,00	1,20	1,50	2,00	2,50	3,00	4,00	5,00	6,00
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Contact with foodstuffs according to EN 602

Yes
