

Flat Bars and Wide Flat Bars

Flachstahl und Breitflachstahl

Fers en barres et Fers en barre de section réduite/étroite voire lisse

F

Width mm	Thickness mm												
	2	3	4	5	6	7	8	10	12	14	15	16	18
	kg/m												
10		0.236											
12		0.283	0.377	0.471	0.565								
13		0.306	0.408	0.510	0.612								
15		0.353	0.471	0.589	0.707								
16		0.377	0.502	0.628	0.754	0.879	1.005	1.256					
18		0.424	0.565	0.707	0.848	0.989	1.130	1.413					
20		0.471	0.628	0.785	0.942	1.099	1.256	1.570	1.884	2.198	2.355		
22		0.518	0.691	0.864	1.036	1.209	1.382	1.727	2.072	2.418	2.591		
25		0.589	0.785	0.981	1.178	1.374	1.570	1.963	2.355	2.748	2.944	3.140	3.533
30		0.707	0.942	1.178	1.413	1.649	1.884	2.355	2.826	3.297	3.533	3.768	4.239
35		0.824	1.099	1.374	1.649	1.923	2.198	2.748	3.297	3.847	4.121	4.396	4.946
40		0.942	1.256	1.570	1.884	2.198	2.512	3.140	3.768	4.396	4.710	5.024	5.652
45	0.707	1.060	1.413	1.766	2.120	2.473	2.826	3.533	4.239	4.946	5.299	5.652	6.359
50	0.785	1.178	1.570	1.963	2.355	2.748	3.140	3.925	4.710	5.495	5.888	6.280	7.065
55	0.864	1.295	1.727	2.159	2.591	3.022	3.454	4.318	5.181	6.045	6.476	6.908	7.772
60	0.942	1.413	1.884	2.355	2.826	3.297	3.768	4.710	5.652	6.594	7.065	7.536	8.478
65	1.021	1.531	2.041	2.551	3.062	3.572	4.082	5.103	6.123	7.144	7.654	8.164	9.185
70	1.099	1.649	2.198	2.748	3.297	3.847	4.396	5.495	6.594	7.693	8.243	8.792	9.891
75		1.766	2.355	2.944	3.533	4.121	4.710	5.888	7.065	8.243	8.831	9.420	10.598
80		1.884	2.512	3.140	3.768	4.396	5.024	6.280	7.536	8.792	9.420	10.048	11.304
85		2.002	2.669	3.336	4.004	4.671	5.338	6.673	8.007	9.342	10.009	10.676	12.011
90		2.120	2.826	3.533	4.239	4.946	5.652	7.065	8.478	9.891	10.598	11.304	12.717
95		2.237	2.983	3.729	4.475	5.220	5.966	7.458	8.949	10.441	11.186	11.932	13.424
100		2.355	3.140	3.925	4.710	5.495	6.280	7.850	9.420	10.990	11.775	12.560	14.130
105		2.473	3.297	4.121	4.946	5.770	6.594	8.243	9.891	11.540	12.364	13.188	14.837
110		2.591	3.454	4.318	5.181	6.045	6.908	8.635	10.362	12.089	12.953	13.816	15.543
115		2.708	3.611	4.514	5.417	6.319	7.222	9.028	10.833	12.639	13.541	14.444	16.250
120		2.826	3.768	4.710	5.652	6.594	7.536	9.420	11.304	13.188	14.130	15.072	16.956
125		2.944	3.925	4.906	5.888	6.869	7.850	9.813	11.775	13.738	14.719	15.700	17.663
130		3.062	4.082	5.103	6.123	7.144	8.164	10.205	12.246	14.287	15.308	16.328	18.369
140		3.297	4.396	5.495	6.594	7.693	8.792	10.990	13.188	15.386	16.485	17.584	19.782
150		3.533	4.710	5.888	7.065	8.243	9.420	11.775	14.130	16.485	17.663	18.840	21.195
160					7.536	8.792	10.048	12.560	15.072	17.584	18.840	20.096	22.608
170					8.007	9.342	10.676	13.345	16.014	18.683	20.018	21.352	24.021
180					8.478	9.891	11.304	14.130	16.956	19.782	21.195	22.608	25.434
190					8.949	10.441	11.932	14.915	17.898	20.881	22.373	23.864	26.847
200				7.85	9.420	10.990	12.560	15.700	18.840	21.980	23.550	25.120	28.260
210					9.891	11.540	13.188	16.485	19.782	23.079	24.728	26.376	29.673
220					10.362	12.089	13.816	17.270	20.724	24.178	25.905	27.632	31.086
230					10.833	12.639	14.444	18.055	21.666	25.277	27.083	28.888	32.499
240					11.304	13.188	15.072	18.840	22.608	26.376	28.260	30.144	33.912
250					11.775	13.738	15.700	19.625	23.550	27.475	29.438	31.400	35.325
260					12.246	14.287	16.328	20.410	24.492	28.574	30.615	32.656	36.738
270					12.717	14.837	16.956	21.195	25.434	29.673	31.793	33.912	38.151
275					12.953	15.111	17.270	21.588	25.905	30.223	32.381	34.540	38.858
280					13.188	15.386	17.584	21.980	26.376	30.772	32.970	35.168	39.564
290					13.659	15.936	18.212	22.765	27.318	31.871	34.148	36.424	40.977
300					14.130	16.485	18.840	23.550	28.260	32.970	35.325	37.680	42.390
320							20.096	25.120	30.144	35.168	37.680	40.192	45.216
350							21.980	27.475	32.970	38.465	41.213	43.960	49.455
360								28.260	33.912	39.564	42.390	45.216	50.868
370								29.045	34.854	40.663	43.568	46.472	52.281
380								29.830	35.796	41.762	44.745	47.728	53.694
390								30.615	36.738	42.861	45.923	48.984	55.107
400								31.400	37.680	43.960	47.100	50.240	56.520
450								35.325	42.390	49.455	52.988	56.520	63.585
500								39.250	47.100	54.950	58.875	62.800	70.650

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F

Width mm	Thickness mm												
	20	25	30	35	40	45	50	60	70	75	80	90	100
	kg/m												
10													
12													
13													
15													
16													
18													
20													
22													
25	3.925												
30	4.710												
35	5.495	6.869	8.243										
40	6.280	7.850	9.420										
45	7.065	8.831	10.598										
50	7.850	9.813	11.775	13.738	15.700								
55	8.635	10.794	12.953	15.111	17.270								
60	9.420	11.775	14.130	16.485	18.840	21.195	23.550						
65	10.205	12.756	15.308	17.859	20.410	22.961	25.513						
70	10.990	13.738	16.485	19.233	21.980	24.728	27.475	32.970	38.465				
75	11.775	14.719	17.663	20.606	23.550	26.494	29.438	35.325	41.213				
80	12.560	15.700	18.840	21.980	25.120	28.260	31.400	37.680	43.960				
85	13.345	16.681	20.018	23.354	26.690	30.026	33.363	40.035	46.708				
90	14.130	17.663	21.195	24.728	28.260	31.793	35.325	42.390	49.455				
95	14.915	18.644	22.373	26.101	29.830	33.559	37.288	44.745	52.203				
100	15.700	19.625	23.550	27.475	31.400	35.325	39.250	47.100	54.950				
105	16.485	20.606	24.728	28.849	32.970	37.091	41.213	49.455	57.698				
110	17.270	21.588	25.905	30.223	34.540	38.858	43.175	51.810	60.445				
115	18.055	22.569	27.083	31.596	36.110	40.624	45.138	54.165	63.193				
120	18.840	23.550	28.260	32.970	37.680	42.390	47.100	56.520	65.940				
125	19.625	24.531	29.438	34.344	39.250	44.156	49.063	58.875	68.688				
130	20.410	25.513	30.615	35.718	40.820	45.923	51.025	61.230	71.435				
140	21.980	27.475	32.970	38.465	43.960	49.455	54.950	65.940	76.930				
150	23.550	29.438	35.325	41.213	47.100	52.988	58.875	70.650	82.425				
160	25.120	31.400	37.680	43.960	50.240	56.520	62.800	75.360	87.920				
170	26.690	33.363	40.035	46.708	53.380	60.053	66.725	80.070	93.415				
180	28.260	35.325	42.390	49.455	56.520	63.585	70.650	84.780	98.910	105.975	113.040	127.170	141.300
190	29.830	37.288	44.745	52.203	59.660	67.118	74.575	89.490	104.405	111.863	119.320	134.235	149.150
200	31.400	39.250	47.100	54.950	62.800	70.650	78.500	94.200	109.900	117.750	125.600	141.300	157.000
210	32.970	41.213	49.455	57.698	65.940	74.183	82.425	98.910	115.395	123.638	131.880	148.365	164.850
220	34.540	43.175	51.810	60.445	69.080	77.715	86.350	103.620	120.890	129.525	138.160	155.430	172.700
230	36.110	45.138	54.165	63.193	72.220	81.248	90.275	108.330	126.385	135.413	144.440	162.495	180.550
240	37.680	47.100	56.520	65.940	75.360	84.780	94.200	113.040	131.880	141.300	150.720	169.560	188.400
250	39.250	49.063	58.875	68.688	78.500	88.313	98.125	117.750	137.375	147.188	157.000	176.625	196.250
260	40.820	51.025	61.230	71.435	81.640								
270	42.390	52.988	63.585	74.183	84.780								
275	43.175	53.969	64.763	75.556	86.350								
280	43.960	54.950	65.940	76.930	87.920								
290	45.530	56.913	68.295	79.678	91.060								
300	47.100	58.875	70.650	82.425	94.200								
320	50.240	62.800	75.360	87.920	100.480								
350	54.950	68.688	82.425	96.163	109.900								
360	56.520	70.650	84.780	98.910	113.040								
370	58.090	72.613	87.135	101.658	116.180								
380	59.660	74.575	89.490	104.405	119.320								
390	61.230	76.538	91.845	107.153	122.460								
400	62.800	78.500	94.200	109.900	125.600								
450	70.650	88.313	105.975	123.638	141.300								
500	78.500	98.125	117.750	137.375	157.000								

Other and intermediate sizes available upon request.

Weitere Größen sowie Zwischengrößen auf Anfrage.

D'autres dimensions ainsi que des dimensions intermédiaires sont disponibles sur demande.