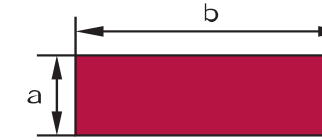


Large plats + Fers plats

Dimensions: EU 79-69 et EN 10058: 2003 (Fers plats)
 Tolérances: EN 10058: 2003 (Fers plats)
 EU 91-81 Larges plats
 Etat de surface: conforme à EN 10163-3: 2004, classe C, sous-classe 1



Flat bars + Narrow flat bars

Dimensions: EU 79-69 and EN 10058: 2003 (Narrow flats)
 Tolerances: EN 10058: 2003 (Narrow flats)
 EU 91-81 Wide flats
 Surface condition: according to EN 10163-3: 2004, class C, subclass 1

Flachstahl + Breitflachstahl

Abmessungen: EU 79-69 und EN 10058: 2003 (Flachstahl)
 Toleranzen: EN 10058: 2003 (Flachstahl)
 EU 91-81 Breitflachstahl
 Oberflächenbeschaffenheit: Gemäß EN 10163-3: 2004, Klasse C, Untergruppe 1

		Masse Mass Masse kg/m																	
		Épaisseur Thickness Dicke a mm																	
Largeur Width Breite b mm		5	6	7	8	10	12	14	15	16	18	20	25	30	35	40	45	50	60
Fers plats Narrow flat bars Flachstahl	20	0.785	0.942	1.10	1.26	1.57	1.88	2.20	2.36										
	25	0.981	1.18	1.37	1.57	1.96	2.36	2.75	2.94	3.14	3.53								
	30	1.18	1.41	1.65	1.88	2.36	2.83	3.30	3.53	3.77	4.24	4.71							
	35	1.37	1.65	1.92	2.20	2.75	3.30	3.85	4.12	4.40	4.95	5.50	6.87						
	40	1.57	1.88	2.20	2.51	3.14	3.77	4.40	4.71	5.02	5.65	6.28	7.85	9.42					
	45	1.77	2.12	2.47	2.83	3.53	4.24	4.95	5.30	5.65	6.36	7.07	8.83	10.6					
	50	1.96	2.36	2.75	3.14	3.93	4.71	5.50	5.89	6.28	7.07	7.85	9.81	11.8	13.7				
	55	2.16	2.59	3.02	3.45	4.32	5.18	6.04	6.48	6.91	7.77	8.64	10.8	13.0	15.1				
	60	2.36	2.83	3.30	3.77	4.71	5.65	6.59	7.07	7.54	8.48	9.42	11.8	14.1	16.5	18.8			
	65	2.55	3.06	3.57	4.08	5.10	6.12	7.14	7.65	8.16	9.18	10.2	12.8	15.3	17.9	20.4	23.0		
	70	2.75	3.30	3.85	4.40	5.50	6.59	7.69	8.24	8.79	9.89	11.0	13.7	16.5	19.2	22.0	24.7	27.5	
	80	3.14	3.77	4.40	5.02	6.28	7.54	8.79	9.42	10.0	11.3	12.6	15.7	18.8	22.0	25.1	28.3	31.4	
	90	3.53	4.24	4.95	5.65	7.07	8.48	9.89	10.6	11.3	12.7	14.1	17.7	21.2	24.7	28.3	31.8	35.3	
	100	3.93	4.71	5.50	6.28	7.85	9.42	11.0	11.8	12.6	14.1	15.7	19.6	23.6	27.5	31.4	35.3		
	Larges plats Flat bars Breitflachstahl	110				6.91	8.64	10.4	12.1	13.0	13.8	15.5	17.3	21.6	25.9	30.2	34.5		
120					7.54	9.42	11.3	13.2	14.1	15.1	17.0	18.8	23.6	28.3					
130					8.16	10.2	12.3	14.3	15.3	16.3	18.4	20.4	25.5	30.6	35.7	40.8	45.9	51.0	62.2
140					8.79	11.0	13.2	15.4	16.5	17.6	19.8	22.0	27.5	33.0	38.5	44.0	49.5	55.0	65.9
150					9.42	11.8	14.1	16.5	17.7	18.8	21.2	23.6	29.4	35.3	41.2	47.1	53.0	58.9	70.7
160					10.1	12.6	15.1	17.6	18.8	20.1	22.6	25.1	31.4	37.7	44.0	50.2	56.5	62.8	75.4
170					10.7	13.3	16.0	18.7	20.0	21.4	24.0	26.7	33.4	40.0	46.7	53.4	60.1	66.7	80.1
180					11.3	14.1	17.0	19.8	21.2	22.6	25.4	28.3	35.3						
200					12.6	15.7	18.8	22.0	23.6	25.1	28.3	31.4	39.3	47.1	55.0	62.8			
220						17.3	20.7		25.9				34.5	43.2	51.8	60.4	69.1		
250					19.6	23.6		29.4				39.3	49.1	58.9	68.7	78.5			
300					23.6	28.3		35.3				47.1	58.9	70.7	82.4	94.2			
350					27.5	33.0		41.2				55.0	68.7	82.4	96.2	109.9			
400					31.4	37.7		47.1				62.8	78.5	94.2	109.9	125.6			

Carrés

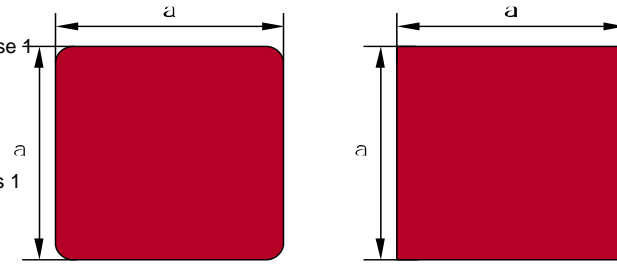
Dimensions: EN 10059: 2003
Tolérances: EN 10059: 2003
Etat de surface: Conforme à EN 10163-3: 2004, classe C, sous-classe 1

Square bars

Dimensions: EN 10059: 2003
Tolerances: EN 10059: 2003
Surface condition: According to EN 10163-3: 2004, class C, subclass 1

Vierkantstahl

Abmessungen: EN 10059: 2003
Toleranzen: EN 10059: 2003
Oberflächenbeschaffenheit: Gemäß EN 10163-3: 2004, Klasse C, Untergruppe 1



a x a	Bords arrondis	Bords pointus
	Rounded edges	Sharp edges
	Gerundete Kanten	Scharfen Kanten
	Masse Mass Masse kg/m	Masse Mass Masse kg/m
30 x 30		7.07
35 x 35		9.62
45 x 45	15.7	15.9
50 x 50	19.4	19.6
55 x 55	23.5	23.7
60 x 60	27.9	28.3
65 x 65	32.7	
70 x 70	38.0	
80 x 80	49.6	
85 x 85	56.0	
90 x 90		63.6
95 x 95	69.9	
100 x 100	77.5	78.5
110 x 110		95.0
120 x 120		113
130 x 130		133
140 x 140	153	
150 x 150	173	
160 x 160	200	

Ronds laminés à chaud

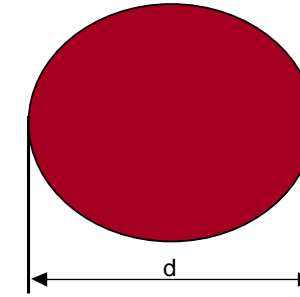
Dimensions: EN 10060: 2003
Tolérances: EN 10060: 2003
Etat de surface: conforme à EN 10021: 1995, classe A

Hot rolled round steel bars

Dimensions: EN 10060: 2003
Tolerances: EN 10060: 2003
Surface condition: according to EN 10021: 1995, class A

Warmgewalzte Rundstäbe

Abmessungen: EN 10060: 2003
Toleranzen: EN 10060: 2003
Oberflächenbeschaffenheit: Gemäß EN 10021: 1995, Klasse A



R

Désignation	Diamètre		
Designation	Diameter		
Bezeichnung	Durchmesser		
	G	d	A
	kg/m	mm	mm ² x10 ²

R 10*	0.617	10	0.785
R 12*	0.888	12	1.13
R 14*	1.21	14	1.54
R 16*	1.58	16	2.01
R 18*	2.00	18	2.54
R 20*	2.47	20	3.14
R 22*	2.98	22	3.80
R 22.25*	3.05	22.25	3.89
R 23.6*	3.43	23.6	4.37
R 24*	3.55	24	4.52
R 24.5*	3.70	24.5	4.71
R 25*	3.85	25	4.91
R 26*	4.17	26	5.31
R 26.7*	4.40	26.7	5.60
R 27*	4.49	27	5.73
R 28*	4.83	28	6.16
R 29*	5.19	29	6.61
R 29.5*	5.37	29.5	6.83
R 29.7*	5.44	29.7	6.93
R 30*	5.55	30	7.07
R 31*	5.92	31	7.55
R 32*	6.31	32	8.04
R 34*	7.13	34	9.08
R 34.4*	7.30	34.4	9.29
R 35*	7.55	35	9.62
R 35.7*	7.86	35.7	10.0
R 36*	7.99	36	10.2
R 37*	8.44	37	10.8
R 38*	8.90	38	11.3
R 39*	9.38	39	11.9
R 39.2*	9.47	39.2	12.1
R 40*	9.86	40	12.6
R 42*	10.9	42	13.9

Désignation	Diamètre		
Designation	Diameter		
Bezeichnung	Durchmesser		
	G	d	A
	kg/m	mm	mm ² x10 ²

R 44*	11.9	44	15.2
R 45*	12.5	45	15.9
R 46*	13.0	46	16.6
R 47*	13.6	47	17.3
R 48*	14.2	48	18.1
R 49.2*	14.9	49.2	19.0
R 50*	15.4	50	19.6
R 51*	16.0	51	20.4
R 52*	16.7	52	21.2
R 53*	17.3	53	22.1
R 54*	18.0	54	22.9
R 55*	18.7	55	23.8
R 55.8*	19.2	55.8	24.5
R 56*	19.3	56	24.6
R 57*	20.0	57	25.5
R 58*	20.7	58	26.4
R 59*	21.5	59	27.3
R 60*	22.2	60	28.3
R 62*	23.7	62	30.2
R 63*	24.5	63	31.2
R 65*	26.0	65	33.2
R 70*	30.2	70	38.5
R 75*	34.7	75	44.2
R 80*	39.5	80	50.3
R 85*	44.5	85	56.7
R 90*	49.9	90	63.6
R 95*	55.6	95	70.9
R 100*	61.7	100	78.5
R 105*	68.0	105	86.6
R 110*	74.6	110	95.0
R 120*	88.8	120	113
R 130*	104	130	133