

# Hot rolled flat steel bars

## **Commercial Department**

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## TABLE OF WEIGHTS AND SIZES OF FLATS REGULARLY MANUFACTURED AT SIDERURGICA SEVILLANA S.A.

Within this range of products, SIDERURGICA SEVILLANA S.A. can offer the following types:

- A. Flat edge for general use.
- B. Flat edge for cold calibration.
- C. Flat edge of special quality steel for transformation and treatment.
- D. Semi-rounded edge for leaf springs.

The qualities offered are the same as those in the corresponding sections for smooth bars. Standards DIN 1017 and UNE 36543 are applicable for describing the dimensions and tolerances of types A), B) and C). For type D), the dimensions and tolerances are defined by standards DIN 4620 and UNE 36564

THICKNESS (mm)	4	5	6	8	10	12	15	20
WIDTH (mm)	WEIGHT (kg/m)							
30	-	1,18	1,41	1,88	2,36	2,83	-	-
35	-	-	1,65	2,20	2,75	-	-	-
40	1,26	1,57	1,88	2,51	3,14	3,77	4,71	6,28
50	-	1,96	2,36	3,14	3,93	4,71	5,89	7,85
60	-	2,36	2,83	3,77	4,71	5,65	7,07	9,42
70	-	-	3,30	4,40	5,50	-	-	-
80	-	3,14	3,77	5,02	6,28	7,54	9,42	12,60
90	-	3,53	4,24	5,65	7,07	8,48	10,60	14,13
100	-	3,93	4,71	6,23	7,85	9,42	11,80	15,70
120	-	-	5,65	7,54	9,42	11,30	14,10	18,80

THICKNESS (mm)	4	5	6	8	10	12	15	20
WIDTH (mm)	CROSS-SECTION (cm <sup>2</sup> )							
30	-	1,50	1,80	2,40	3,00	3,60	-	-
35	-	1,75	2,10	2,80	3,50	4,20	-	-
40	1,60	2,00	2,40	3,20	4,00	4,80	6,00	8,00
50	-	2,50	3,00	4,00	5,00	6,00	7,50	10,00
60	-	3,00	3,60	4,80	6,00	7,20	9,00	12,00
70	-	3,50	4,20	5,60	7,00	8,40	10,50	14,00
80	-	4,00	4,80	6,40	8,00	9,60	12,00	16,00
90	-	4,50	5,40	7,20	9,00	10,85	13,50	18,00
100	-	5,00	6,00	8,00	10,00	12,00	15,00	20,00
120	-	-	7,20	9,60	12,00	14,40	18,00	24,00

THICKNESS (mm)	4	5	6	8	10	12	15	20
WIDTH (mm)	PAINTED SURFACE AREA (m <sup>2</sup> /m)							
30	-	0,070	0,072	0,076	0,080	0,084	-	-
35	-	-	0,082	0,086	0,090	-	-	-
40	0,088	0,090	0,092	0,096	0,100	0,104	0,110	0,120
50	-	0,110	0,112	0,116	0,120	0,124	0,130	0,140
60	-	0,130	0,132	0,136	0,140	0,144	0,150	0,160
70	-	-	0,152	0,156	0,160	-	-	-
80	-	0,170	0,172	0,176	0,180	0,184	0,190	0,200
90	-	1,190	1,192	0,196	0,200	0,204	0,210	0,220
100	-	0,210	0,212	0,216	0,220	0,224	0,230	0,240
120	-	-	0,252	0,256	0,260	0,264	0,270	0,280

Dimensions and tolerances for A), B) and C) type according to Standards: UNE 36543 - DIN 1017

Dimensions and tolerances for D) type according to Standards: DIN 4620 - UNE 36564

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