

Hot Rolled Mild Steel Flat Bar

Weight Table and Sizes For JIS G 3101 : Standard

Size (mm x mm)	Cutlength	Packing	Pieces / Bundle	MT / Bundle	Nominal Rolling Mass (kg/m)
4.5 x 25	6m	6 x 31	186	0.985	0.883
6.0 x 25	6m	7 x 20	140	0.988	1.178
9.0 x 25	6m	7 x 13	91	0.964	1.766
12.0 x 25	6m	7 x 10	70	0.989	2.355
4.5 x 32	6m	5 x 29	145	0.983	1.130
6.0 x 32	6m	5 x 22	110	0.994	1.507
9.0 x 32	6m	6 x 12	72	0.976	2.261
12.0 x 32	6m	5 x 11	55	0.994	3.014
4.5 x 38	6m	4 x 30	120	0.966	1.342
6.0 x 38	6m	4 x 23	92	0.987	1.790
9.0 x 38	6m	4 x 15	60	0.966	2.685
12.0 x 38	6m	5 x 9	45	0.966	3.580
4.5 x 50	6m	3 x 31	93	0.985	1.766
6.0 x 50	6m	3 x 23	69	0.974	2.355
9.0 x 50	6m	3 x 15	45	0.953	3.533
12.0 x 50	6m	3 x 11	33	0.932	4.710
4.5 x 65	6m	3 x 24	72	0.99	2.296
6.0 x 65	6m	3 x 18	54	0.99	3.062
9.0 x 65	6m	3 x 12	36	0.99	4.592
12.0 x 65	6m	3 x 9	27	0.99	6.123
6.0 x 75	6m	2 x 23	46	0.974	3.533
9.0 x 75	6m	2 x 15	30	0.953	5.299
12.0 x 75	6m	2 x 11	22	0.932	7.065
6.0 x 100	6m	2 x 28	36	1.017	4.710
9.0 x 100	6m	2 x 12	24	1.017	7.065
12.0 x 100	6m	2 x 9	18	1.017	9.420

Specification

Spec	Grade	Chemical Composition (%)			Mechanical Properties			For 180° Bend Test (mm)
		P	S	Min Yield (N/mm ²)	Min Tensile (N/mm ²)	Min Elongation (%)		
						T<5mm	5<=T<16mm	
JIS G 3101	Mild Steel Flat Bar SS400	0.050 Max	0.050 Max	>245	400 - 510	=>21	=>17	1.5D