

## Hot Rolled Mild Steel Flat Bar

Weight Table and Sizes for JIS G 3101 : 2010 Standard

Size (mm x mm)	Cut Length	Packing	Piece / 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	1.13
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	1.79
9.0 X 38	6m	4 X 15	60	0.966	2.685
12.0 X 38	6m	5 X 9	45	0.966	3.58
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	4.71
4.5 X 65	6m	3 X 24	72	0.991	2.296
6.0 X 65	6m	3 X 18	54	0.991	3.062
9.0 X 65	6m	3 X 12	36	0.991	4.592
12.0 X 65	6m	3 X 9	27	0.991	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	4.71
9.0 X 100	6m	2 X 12	24	1.017	7.065
12.0 X 100	6m	2 X 23	18	1.017	9.42

### Specification

Spec	Grade	Chemical Composition (%)			Mechanical Properties			For 180° Bend Test (mm)
		P	S	Min Yield (N/mm <sup>2</sup> )	Min Tensile (N/mm <sup>2</sup> )	Min Elongation (%)		
						T<5mm	5≤ T< 16mm	
JIS G 3101:2010	Mild Steel Flat Bar SS400	0.050 Max	0.050 Max	>245	400 - 510	≥ 21	≥ 17	1.5t