

## Universal Steel Columns

NOMINAL METRIC SIZE x kg/m	FLANGE THICKNESS mm	WEB THICKNESS mm
152 x 152 x 23	6.8	5.8
152 x 152 x 30	9.4	6.5
152 x 152 x 37	11.5	8.0
203 x 203 x 46.1	11.0	7.2
203 x 203 x 52	12.5	7.9
203 x 203 x 60	14.2	9.4
203 x 203 x 71	17.3	10.0
203 x 203 x 86.1	20.5	12.7
254 x 254 x 73.1	14.2	8.6
254 x 254 x 88.9	17.3	10.3
254 x 254 x 107.1	20.5	12.8
254 x 254 x 132	25.3	15.3
254 x 254 x 167.1	31.7	19.2
305 x 305 x 96.9	15.4	9.9
305 x 305 x 117.9	18.7	12.0
305 x 305 x 136.9	21.7	13.8
305 x 305 x 158.1	25.0	15.8
305 x 305 x 198.1	31.4	19.1
305 x 305 x 240	37.7	23.0
305 x 305 x 282.9	44.1	26.8
356 x 368 x 129	17.5	10.4
356 x 368 x 152.9	20.7	12.3
356 x 368 x 177	23.8	14.4
356 x 368 x 201.9	27.0	16.5
356 x 406 x 235.1	30.2	18.4
356 x 406 x 287.1	36.5	22.6
356 x 406 x 339.9	42.9	26.6
356 x 406 x 393	49.2	30.6
356 x 406 x 467	58.0	35.8
356 x 404 x 551	67.5	42.1
356 x 406 x 633.9	77.0	47.6

## Rolled Steel Joists

NOMINAL METRIC SIZE x kg/m	FLANGE THICKNESS mm	WEB THICKNESS mm
76 x 76 x 12.8	8.4	5.1
102 x 44 x 7.5	6.1	4.3
102 x 68 x 11.5	9.4	6.5
102 x 102 x 19.5	10.3	9.5
114 x 114 x 26.9	10.7	9.5
127 x 114 x 26.9	11.4	7.4
127 x 114 x 29.3	11.5	10.2
152 x 127 x 37.3	13.2	10.4
203 x 152 x 52.3	16.5	8.9
254 x 203 x 82	19.9	10.2

## IPE Profiles

ACTUAL SIZE mm	MASS kg/m
IPE80	6.00
IPEA80	5.00
IPEAA80	4.95
IPE100	8.10
IPEA100	6.90
IPEAA100	6.75
IPE120	10.40
IPE140	12.90
IPE160	15.80
IPE180	18.80
IPE200	22.40