

Summary steel grades

Recommended steel specifications for sections – Best Practice

Member type	Steel grade	Unit weight	Section size
Beam	S355J0+M (EN10025-2)	< 60 kg/m	IPE 80 – IPE 360 HE 100 – HE 200
Beam or column	S355J0+M (EN10025-2)	30 kg/m – 120 kg/m	IPE 240 – IPE 600 HE 140 – HE 300
Beam or column	S355M, S460M (EN10025-4), HISTAR 355, HISTAR 460 (ETA-10/0156)	> 90 kg/m	IPE 450 – IPE 750 HE 260 – HE 1000 HL 920 – HL 1100 HD 260 – HD 400