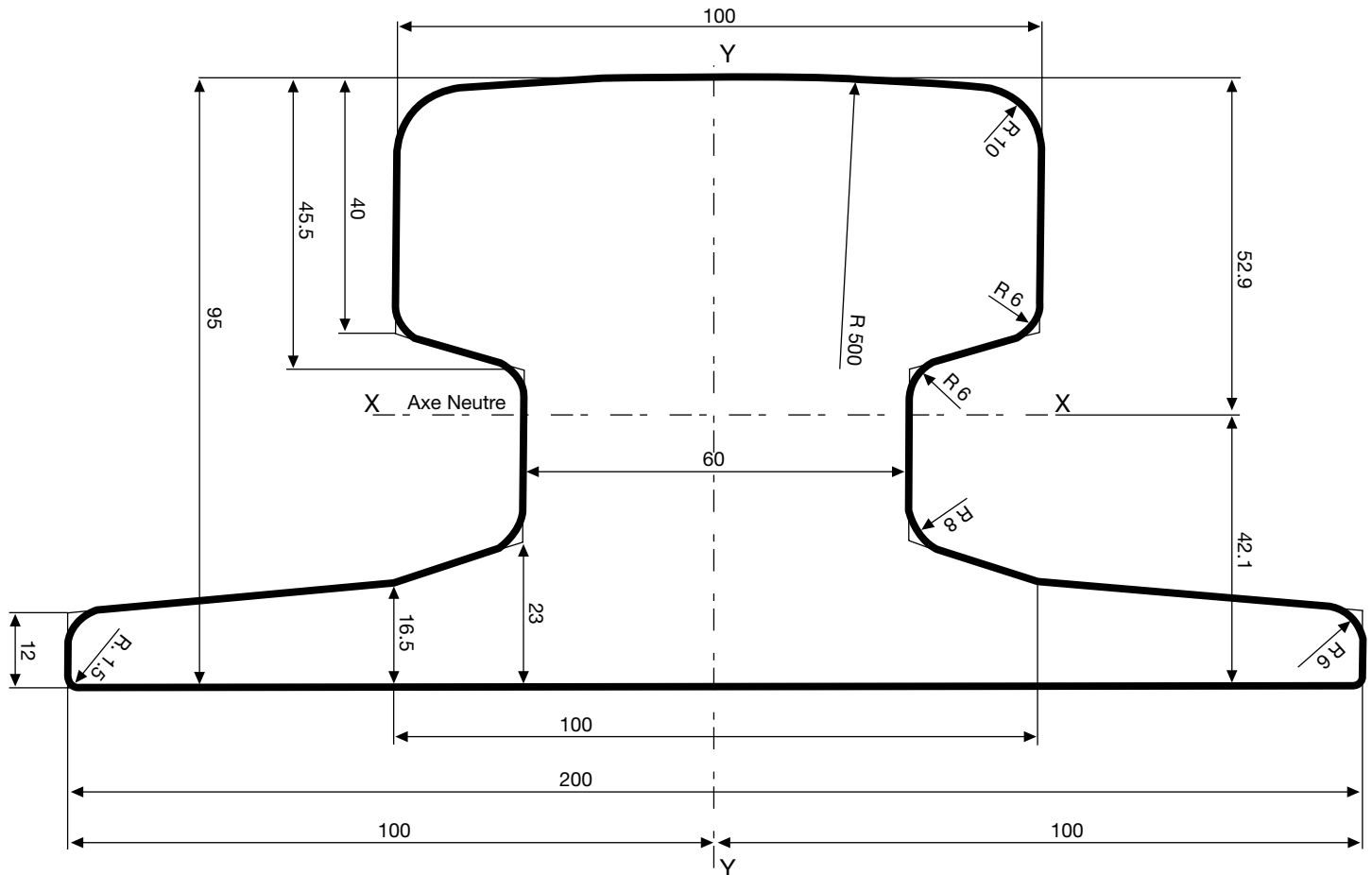




A100 RAIL

DIN 536



MECHANICAL PROPERTIES

Tensile Strength (Min.): N/mm ²	880	Section Modulus - Foot:	203.8 cm ³
Yield Point (Min.): N/mm ²	440	Section Modulus - Head:	162.2 cm ³
Moment of Inertia: I _x	858.0 cm ⁴	Elongation (%):	8 min.
Moment of Inertia: I _y	1345.0 cm ⁴	Area:	94.7 cm ²
Standard Length:	12.00 m	Calculated Mass:	74.3 kg/m

CHEMICAL COMPOSITION (%) Indicative

Carbon	Silicon	Manganese	Phosphorus	Sulphur
0.60 - 0.80	< 0.50	0.80 - 1.30	< 0.045	< 0.045