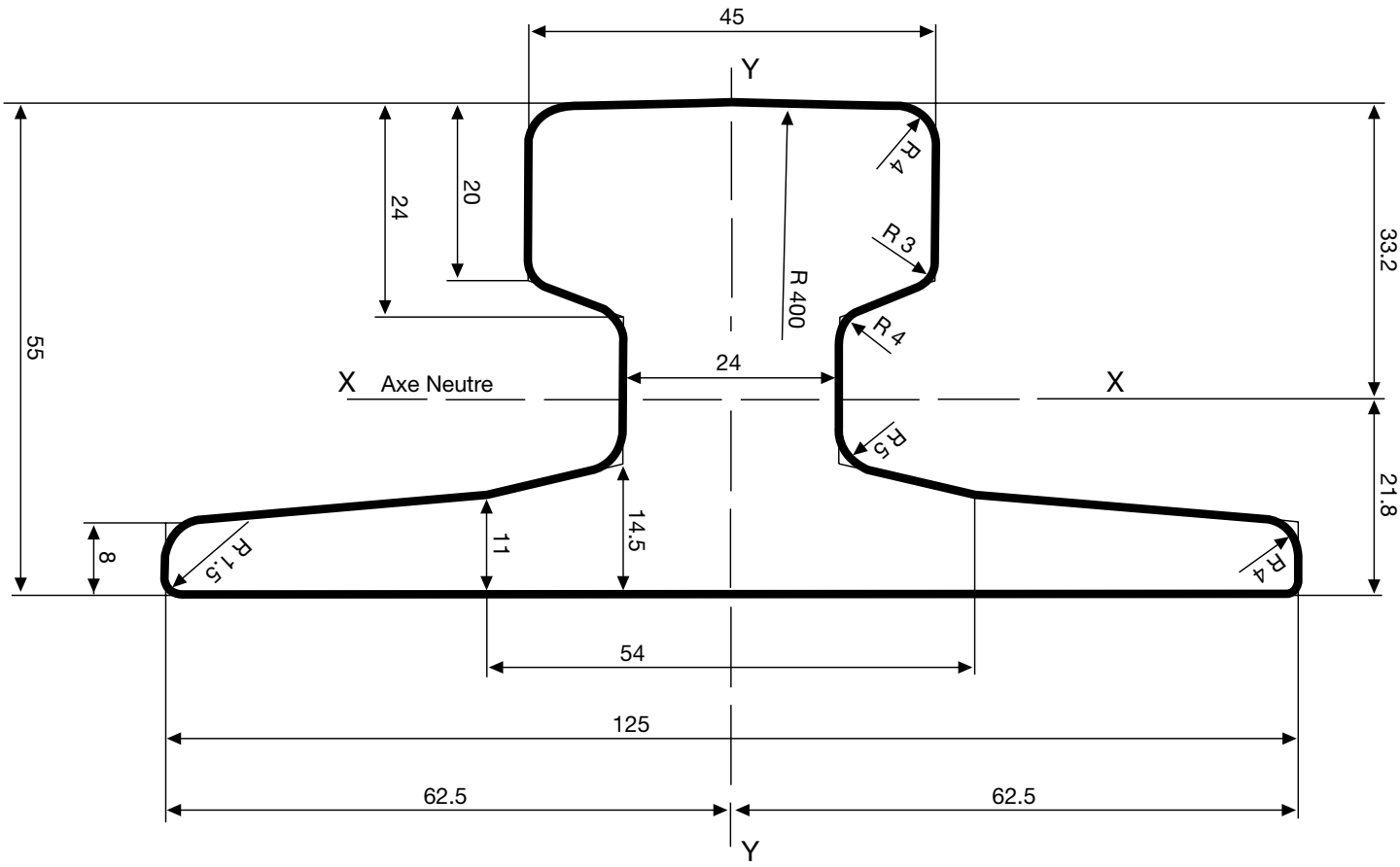
EMRAILS

THE AUSTRALIAN RAIL STOCKIST

A45 RAIL

DIN 536



MECHANICAL PROPERTIES			
Tensile Strength (Min.): N/mm²	690	Section Modulus - Foot:	41.5 cm³
Yield Point (Min.): N/mm²	355	Section Modulus - Head:	27.0 cm³
Moment of Inertia: Ix	90.0 cm⁴	Elongation (%):	12 min.
Moment of Inertia: Iy	170.0 cm⁴	Area:	28.2 cm²
Standard Length:	**12.00 m**	**Calculated Mass:**	**22.1 kg/m**

CHEMICAL COMPOSITION (%) Indicative				
Carbon	**Silicon**	**Manganese**	**Phosphorus**	**Sulphur**
0.40 - 0.60	< 0.35	0.80 - 1.20	< 0.045	< 0.045