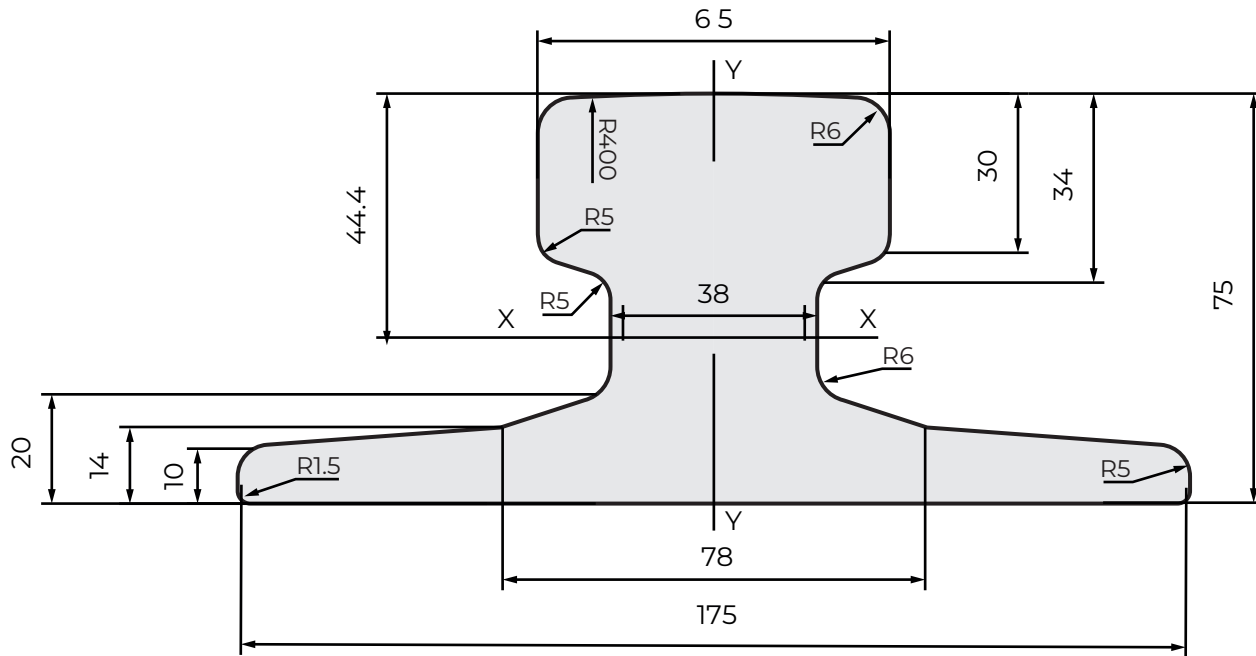


A65

CRANE RAIL

DIN 536 P1:1991



Crane rail symbol	Minimum tensile strength (N/mm ²)	C	Si max.	Mn	P max.	S max.
A45, A55, A65, A75, A100, A120, A150	690	0.40-0.60	0.35	0.80-1.20	0.045	0.045

Crane rail	Mass kg/m	e1 cm	e2 cm	A _x cm ²	A _y cm ²	A _z cm ²	I _x cm ⁴	I _y cm ⁴	I _z cm ⁴	S _y cm ³	S _z cm ³
A65	43.1	4.47	5.61	54.9	33.7	20.2	173	319	606	60.18	69.22

Notes:

- A_x cross-sectional area
- A_{y,z} shear areas
- I_x second moment of area (torsion)
- I_{y,z} second moments of area (flexure)
- S_{y,z} section moduli