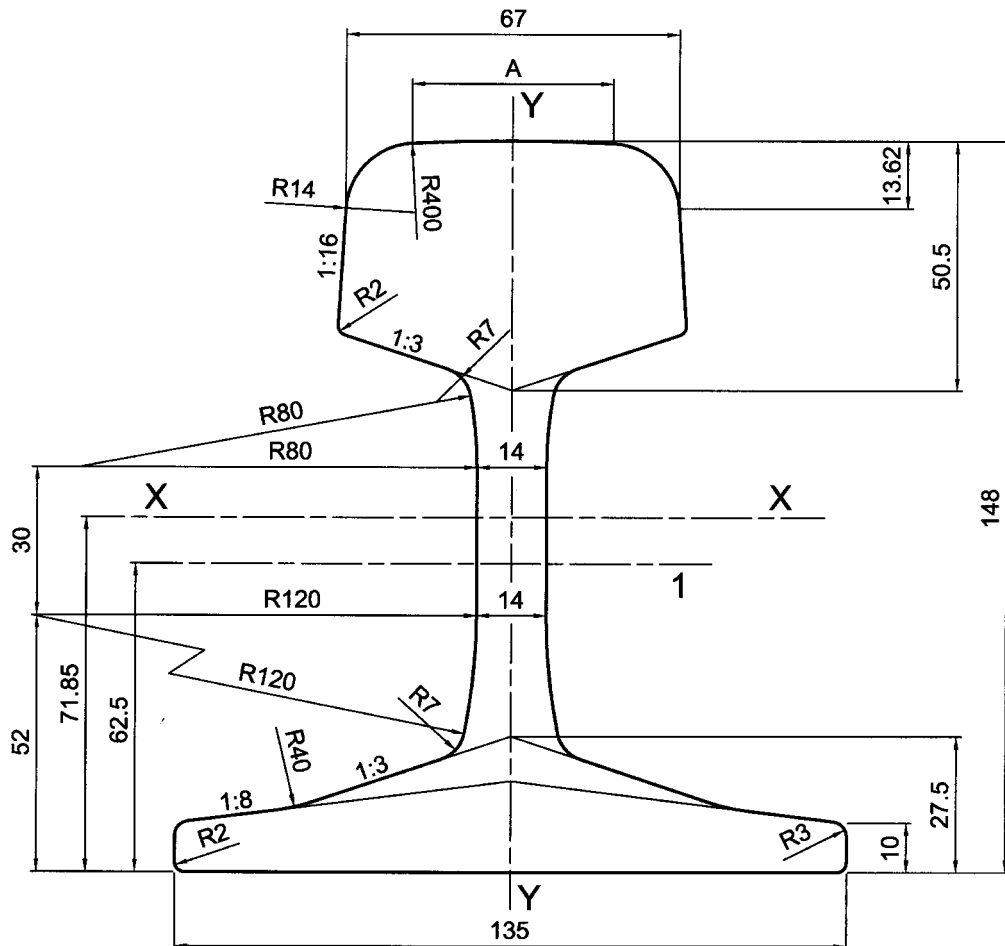




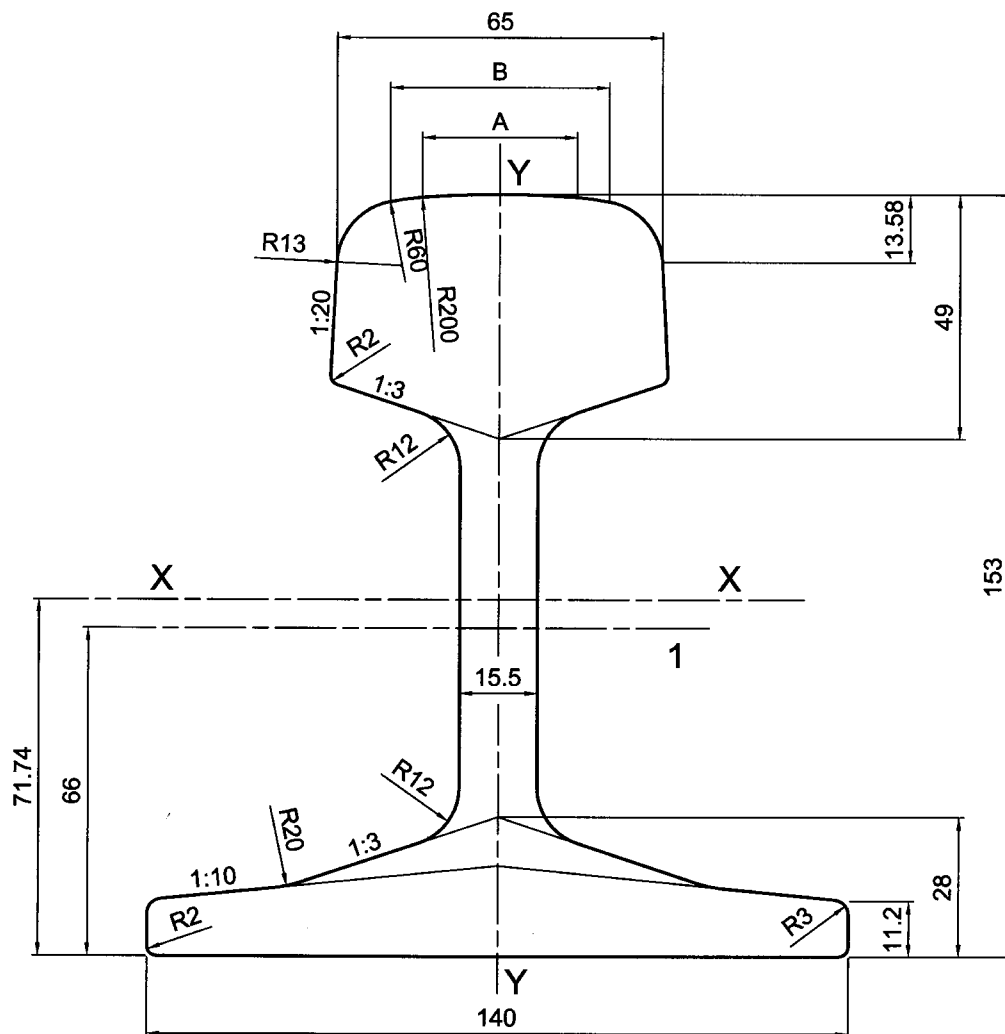
Key

1 centre line of branding

cross-sectional area	:	63,62	cm ²
mass per metre	:	49,9	kg/m
moment of inertia x-x axis	:	1 844	cm ⁴
section modulus - Head	:	242,1	cm ³
section modulus - Base	:	256,6	cm ³
moment of inertia y-y axis	:	362,4	cm ⁴
section modulus y-y axis	:	53,7	cm ³
indicative dimensions	:	A = 40,471 mm	

Figure A.12 — Rail profile 50E5

Dimensions in millimetres



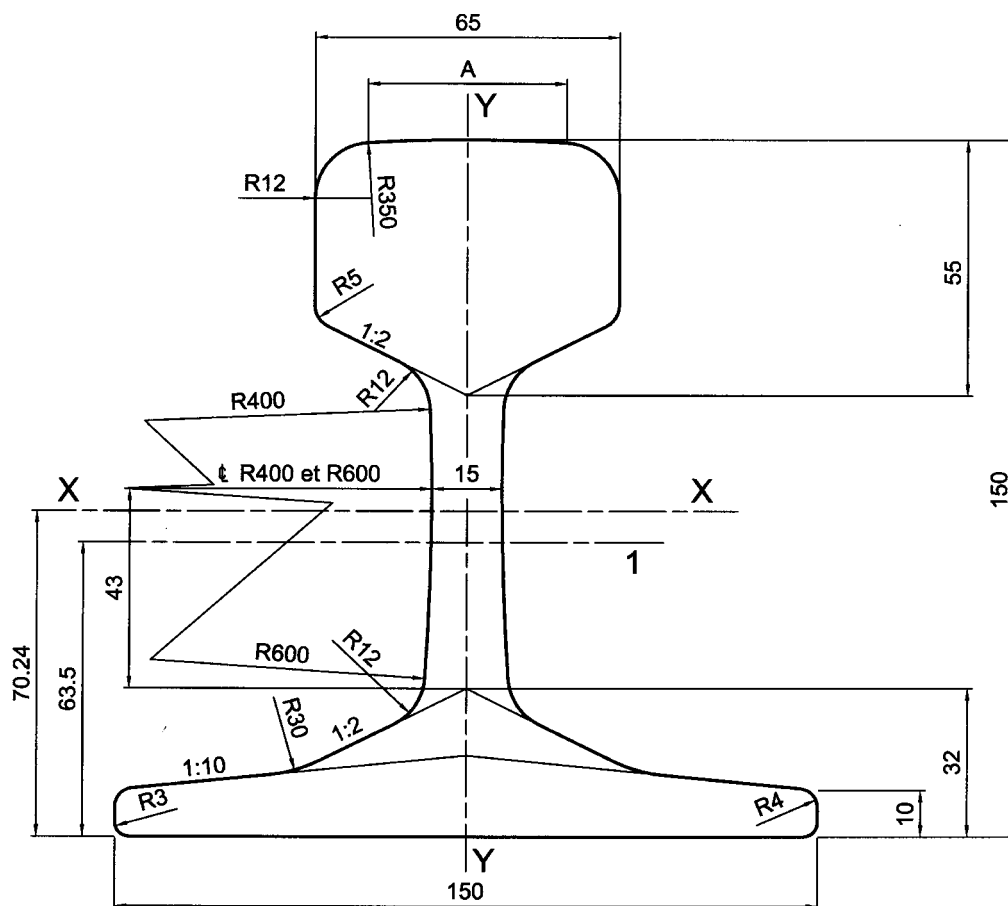
Key

1 centre line of branding

cross-sectional area	:	64,84	cm ²
mass per metre	:	50,90	kg/m
moment of inertia x-x axis	:	2 017,8	cm ⁴
section modulus - Head	:	248,3	cm ³
section modulus - Base	:	281,3	cm ³
moment of inertia y-y axis	:	396,8	cm ⁴
section modulus y-y axis	:	56,7	cm ³
indicative dimensions	:	<i>A</i> = 30,942 mm <i>B</i> = 43,838 mm	

Figure A.13 — Rail profile 50E6

Dimensions in millimetres



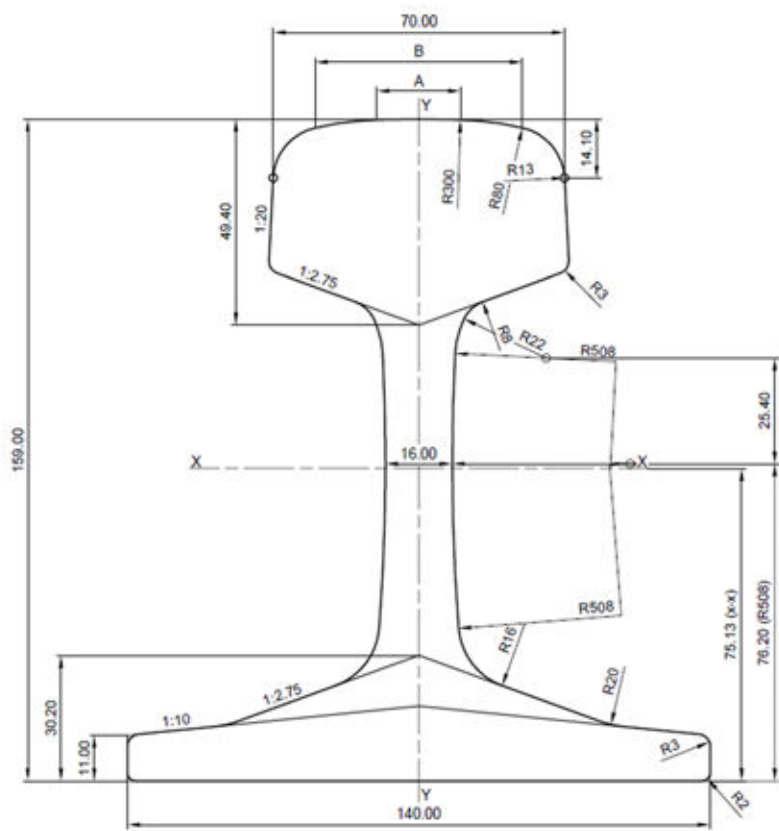
Key

1 centre line of branding

cross-sectional area	:	66,43	cm ²
mass per metre	:	52,15	kg/m
moment of inertia x-x axis	:	1 970,9	cm ⁴
section modulus - Head	:	247,1	cm ³
section modulus - Base	:	280,6	cm ³
moment of inertia y-y axis	:	434,2	cm ⁴
section modulus y-y axis	:	57,9	cm ³
indicative dimensions	:	A = 42,456 mm	

Figure A.14 — Rail profile 52E1

Dimensions in millimetres



Key

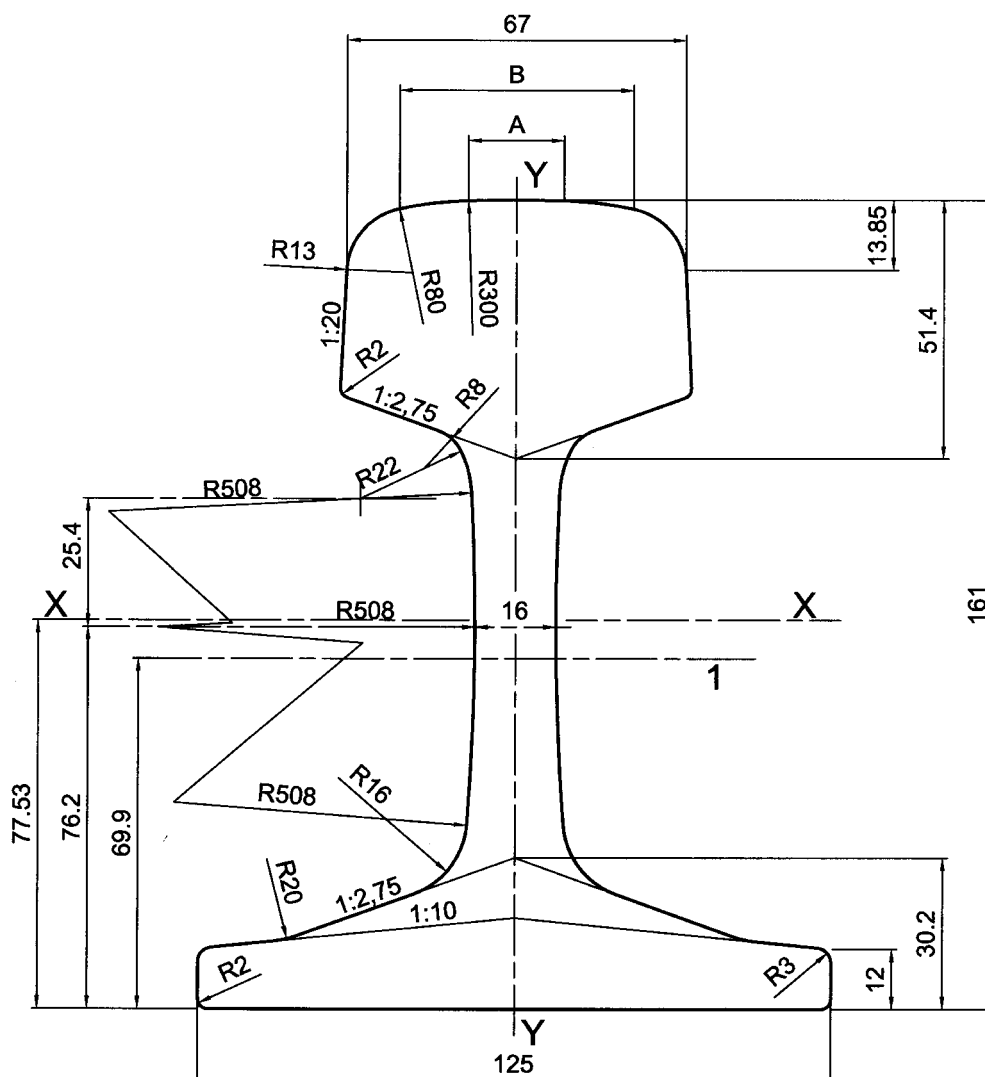
1 centre line of branding

cross-sectional area	:	69,77	cm ²
mass per metre	:	54,77	kg/m
moment of inertia x-x axis	:	2 337,9	cm ⁴
section modulus - Head	:	278,7	cm ³
section modulus - Base	:	311,2	cm ³
moment of inertia y-y axis	:	419,2	cm ⁴
section modulus y-y axis	:	59,9	cm ³

indicative dimensions: A = 20,024 mm
 B = 49,727 mm

Figure A.15 — Rail profile 54E1

Dimensions in millimetres



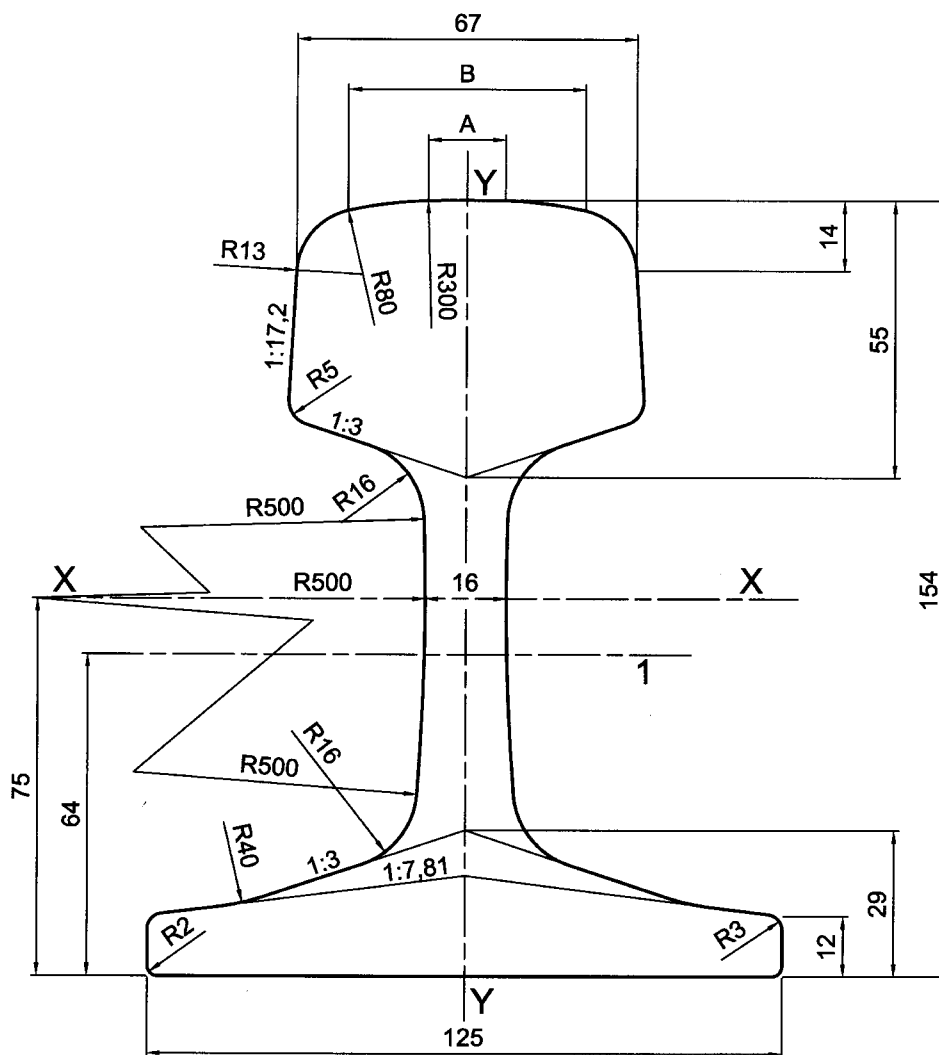
Key

1 centre line of branding

cross-sectional area	:	68,56	cm ²
mass per metre	:	53,82	kg/m
moment of inertia x-x axis	:	2 307,4	cm ⁴
section modulus - Head	:	276,4	cm ³
section modulus - Base	:	297,6	cm ³
moment of inertia y-y axis	:	341,5	cm ⁴
section modulus y-y axis	:	54,6	cm ³
indicative dimensions:	A = 18,946 mm		
	B = 46,310 mm		

Figure A.16 — Rail profile 54E2

Dimensions in millimetres



Key

1 centre line of branding

cross-sectional area : 69,52 cm²

mass per metre : 54,57 kg/m

moment of inertia x-x axis : 2 074 cm⁴

section modulus - Head : 262,8 cm³

section modulus - Base : 276,3 cm³

moment of inertia y-y axis : 354,8 cm⁴

section modulus y-y axis : 56,8 cm³

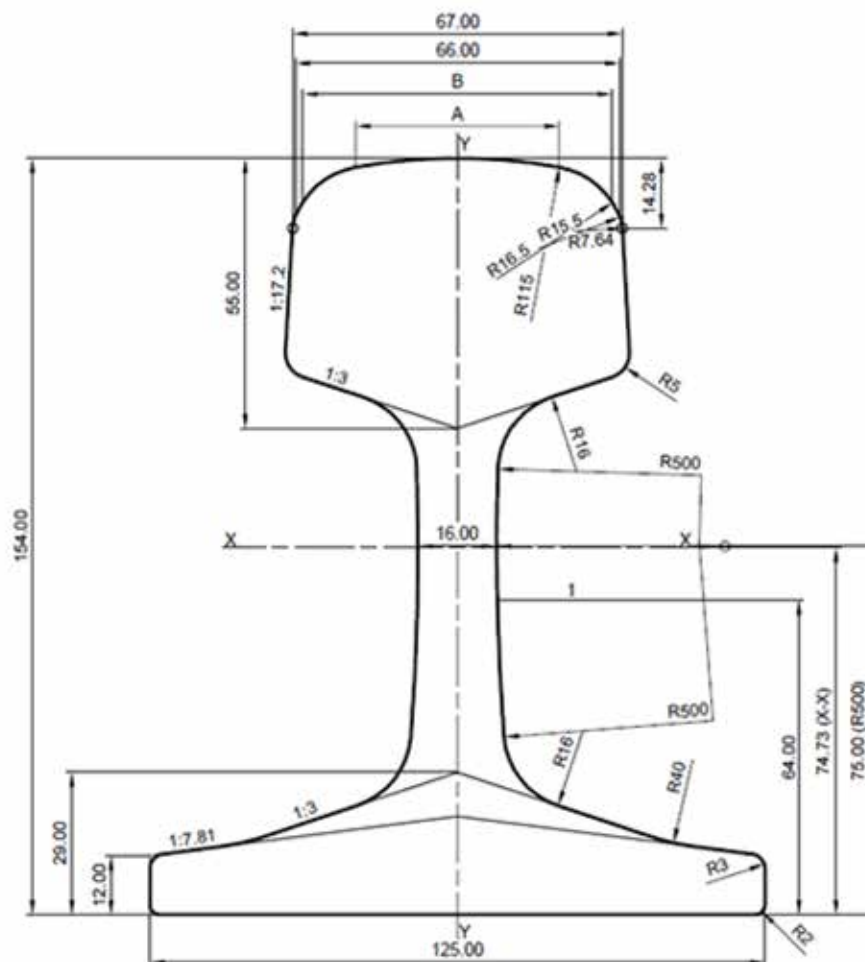
indicative dimensions: $A = 15,267 \text{ mm}$

$$B = 46,835 \text{ mm}$$

Figure A.17 — Rail profile 54E3

Dimensions in millimetres

A1



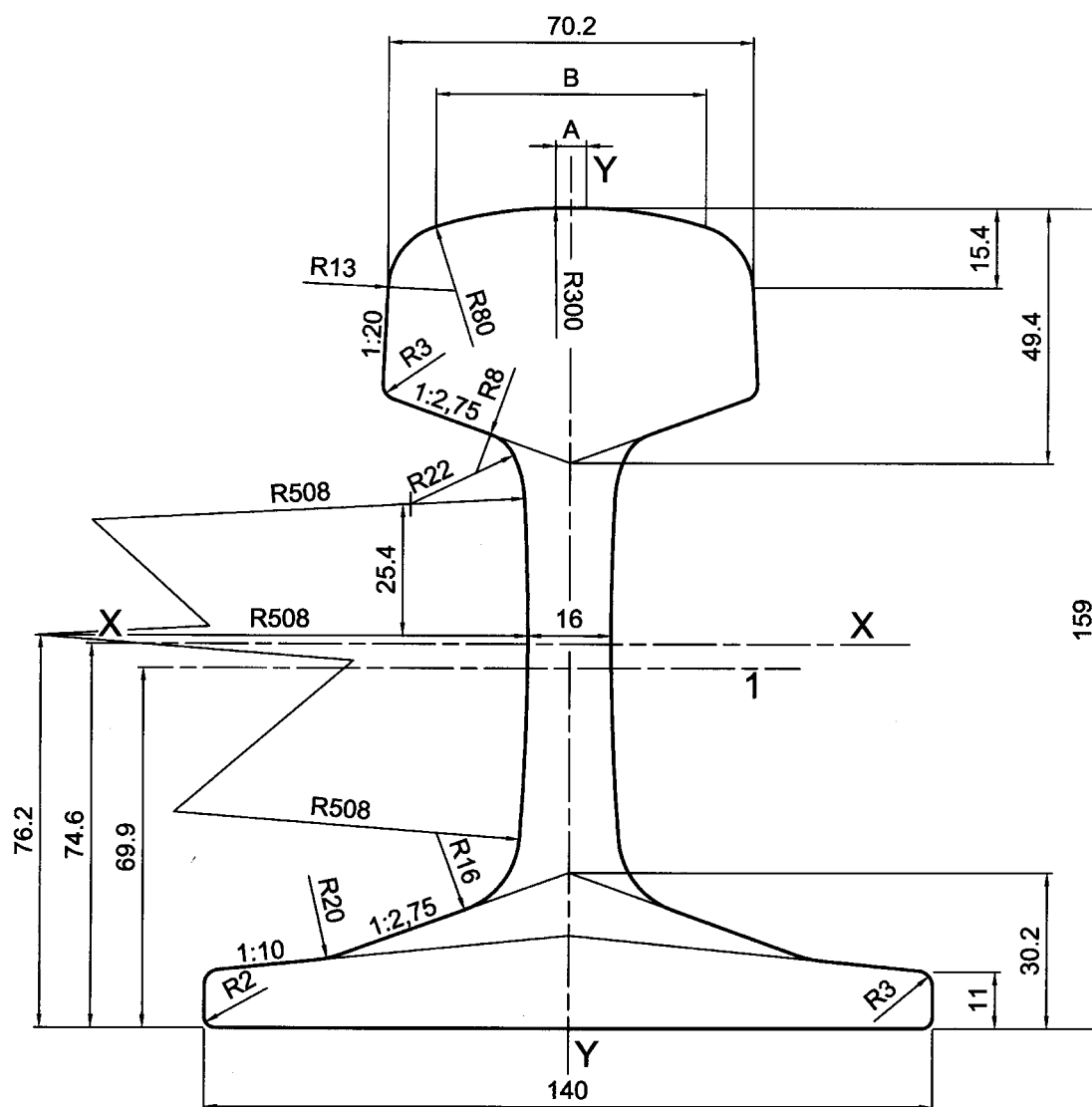
A1

Key

1 centre line of branding

cross-sectional area	:	69,19	cm ²
mass per metre	:	54,31	kg/m
moment of inertia x-x axis	:	2056,2	cm ⁴
section modulus - Head	:	259,4	cm ³
section modulus - Base	:	275,2	cm ³
moment of inertia y-y axis	:	352,7	cm ⁴
section modulus y-y axis	:	56,4	cm ³
indicative dimensions:		A = 41,342 mm	
		B = 62,980 mm	

Figure A.18 — Rail profile 54E4



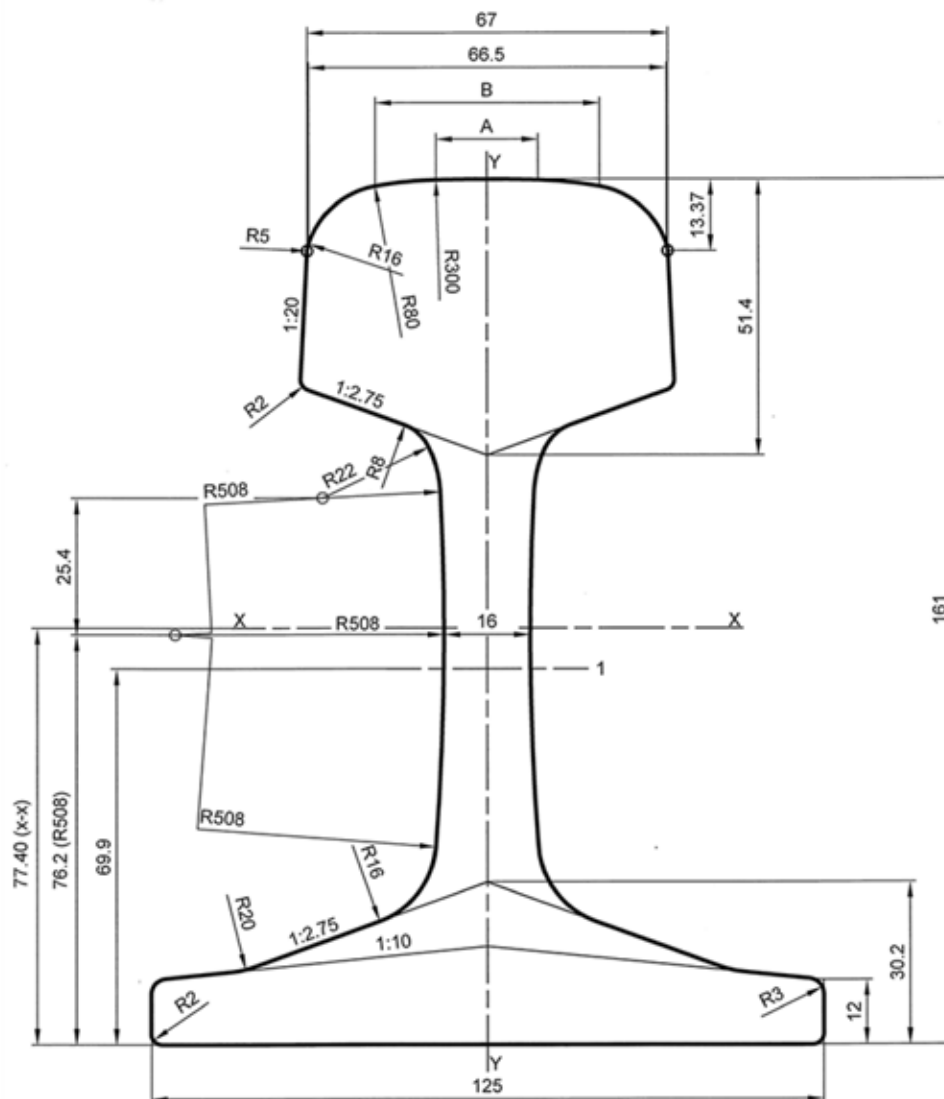
Key

1 centre line of branding

cross-sectional area	:	69,32	cm ²
mass per metre	:	54,42	kg/m
moment of inertia x-x axis	:	2308,1	cm ⁴
section modulus - Head	:	273,5	cm ³
section modulus - Base	:	309,4	cm ³
moment of inertia y-y axis	:	416,3	cm ⁴
section modulus y-y axis	:	59,5	cm ³
indicative dimensions:		A = 5,91 mm	
		B = 51,97 mm	

Figure A.19 — Rail profile 54E5

A1



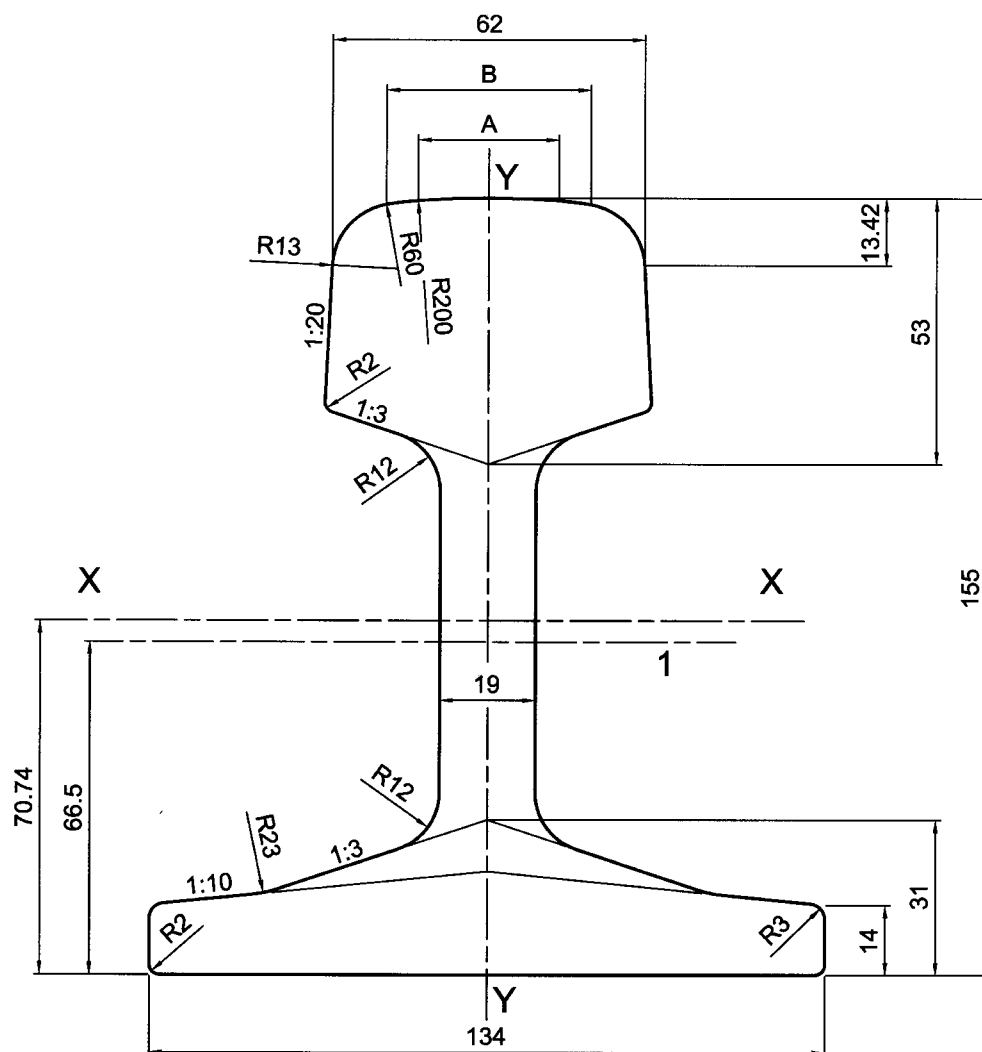
Key

1 centre line of branding

cross-sectional area	:	68,45	cm ²
mass per metre	:	53,74	kg/m
moment of inertia x-x axis	:	2 300,6	cm ⁴
section modulus - Head	:	275,2	cm ³
section modulus - Base	:	297,2	cm ³
moment of inertia y-y axis	:	340,6	cm ⁴
section modulus y-y axis	:	54,5	cm ³
indicative dimensions:		A = 19,000 mm	
		B = 41,693 mm	

Figure A.20 — Rail profile 54E6 A1

Dimensions in millimetres



Key

1 centre line of branding

cross-sectional area	:	71,37	cm ²
mass per metre	:	56,03	kg/m
moment of inertia x-x axis	:	2 150,4	cm ⁴
section modulus - Head	:	255,2	cm ³
section modulus - Base	:	304	cm ³
moment of inertia y-y axis	:	418,4	cm ⁴
section modulus y-y axis	:	62,4	cm ³
indicative dimensions:		A = 27,946 mm	
		B = 40,588 mm	

A1

Figure A.21 — Rail profile 55E1 **A1**