



SLOVENSKI STANDARD
SIST EN 13674-1:2011/oprA1:2015
01-junij-2015

Železniške naprave - Zgornji ustroj - Tirnica - 1. del: Vignolove tirnice z maso 46 kg/m in več

Railway applications - Track - Rail - Part 1: Vignole railway rails 46 kg/m and above

Bahnanwendungen - Oberbau - Schienen - Teil 1: Vignolschienen ab 46 kg/m

Applications ferroviaires - Voie - Rails - Partie 1: Rails Vignole de masse supérieure ou égale à 46kg/m

Ta slovenski standard je istoveten z: EN 13674-1:2011/prA1

ICS:

45.080	Tračnice in železniški deli	Rails and railway components
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SIST EN 13674-1:2011/oprA1:2015	en,fr,de
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EUROPEAN STANDARD
NORME EUROPÉENNE
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ICS 93.100

English Version

Railway applications - Track - Rail - Part 1: Vignole railway rails 46 kg/m and above

Applications ferroviaires - Voie - Rails - Partie 1: Rails
Vignole de masse supérieure ou égale à 46kg/m

Bahnanwendungen - Oberbau - Schienen - Teil 1:
Vignolschienen ab 46 kg/m

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 256.

This draft amendment A1, if approved, will modify the European Standard EN 13674-1:2011. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 13674-1:2011/prA1:2015) has been prepared by Technical Committee CEN/TC 256 "Railway applications", the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

EN 13674-1:2011/prA1:2015 (E)**1 Modification to Clause 2, Normative references**

Delete reference to EN 10247.

2 Modification to Clause 7, Manufacture**7.4.2**

Add the following note after the first paragraph:

"NOTE 1 A rail can display different indications of position of the rail in the bloom (A,B...Y) along its length."

The existing note below becomes "NOTE 2".

3 Modifications to Clause 8, Qualifying tests**8.4.4**

Replace "0,001 35" with "0,00135".

8.7.2

Second paragraph: Delete «and a maximum number of 200 heats » after "The predictive equations shall be produced from a minimum number of 100 heats".

8.8

At the end of the first paragraph, replace "five heats" with "three heats".

4 Modifications to Clause 9, Acceptance tests**9.1.3.2 Table 5a) Chemical composition and mechanical properties**

Change the min. required elongation A to min. "8" instead of "9" in the last line of the table (column Elongation A min %).

9.1.6

Change the first sentence from "Samples shall be prepared and assessed in accordance with EN 10247" to "Samples shall be prepared and assessed in accordance with Annex F."

9.1.8

5th paragraph, replace "0,4" with "0,3" to read:

" $HBW_2 > HBW_3 + 0,3 (HBW_1 - HBW_3)$ "

Change the last sentence before Table 6 and replace "ground" with "removed" to read:

"0,5 mm shall be removed from the rail running surface before a hardness impression is made."

9.2.2**Table 8 – Straightness, surface flatness and twist tolerances:**

Add a footnote *f* at line "ends", column "Class A, L", vertical straightness to read:

" $e^f \leq 0,2 \text{ mm}$ "

At the very end of the table add:

"*f* dimension is measured under the 2 m straight edge."

9.4.1.2**Table 9 – Drilling and cutting tolerances**

Add a new footnote *b* after "Length ^a".

The new footnote *b* shall read the following:

"^b These tolerances apply only for rails with fishplate holes, not for rails with handling holes."

9.4.2.3

Last paragraph, remove "or proved" at the end of the following sentence:

"No more than three defects within a length of 10 m of rail and, over the whole length, a maximum of one defect per 10 m rail length shall be dressed or proved".

5 Modifications to Annex A**Table A.1 – List of profiles and previous rail profiles**

Insert new profile 54E6 and add it to Table A.1, no "previous profile name" in the following way:

"

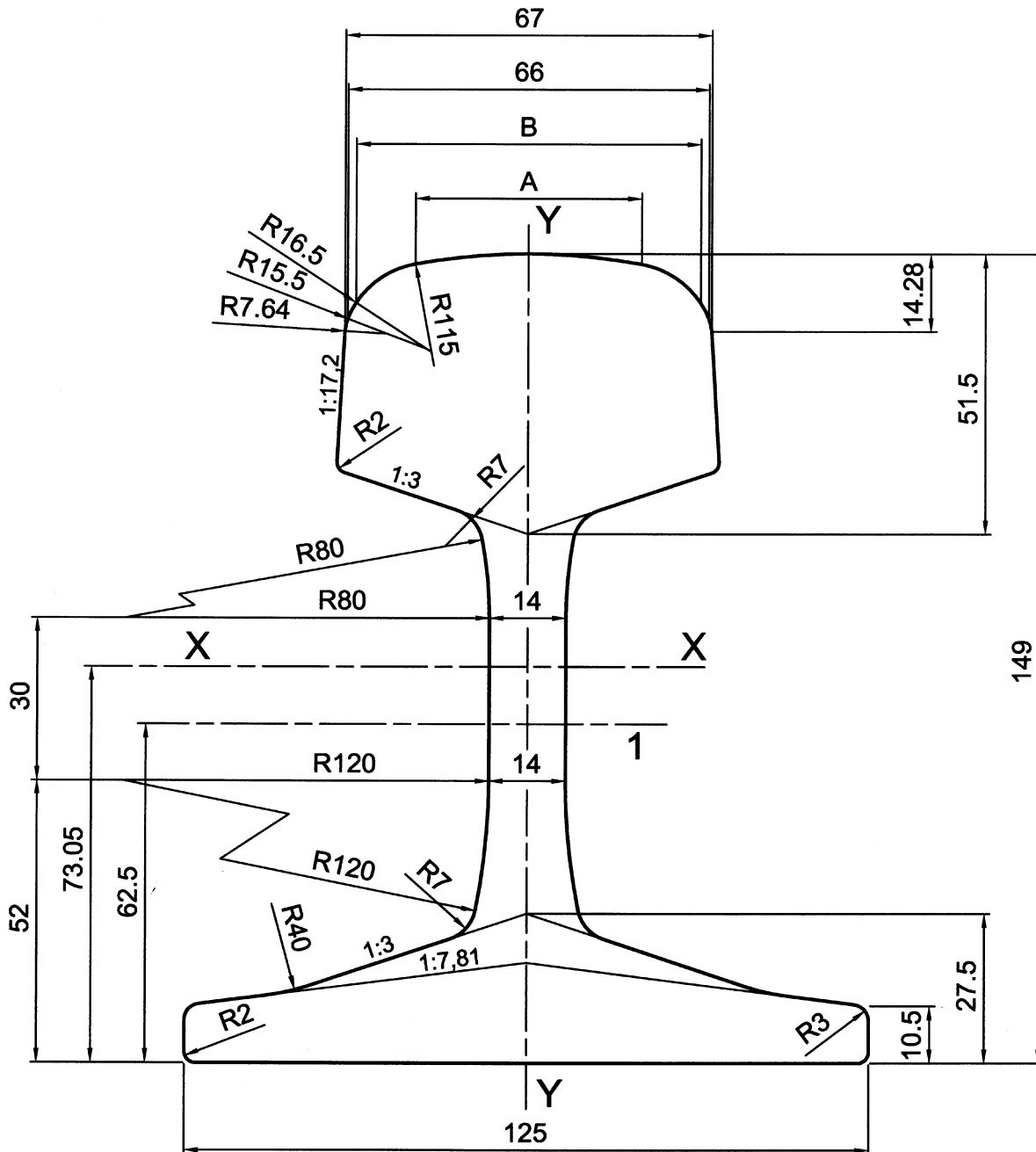
A.20	54E6	
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"

A.20 becomes A.21, A.21 becomes A.22, A.22 becomes A.23, A.23 becomes A.24.

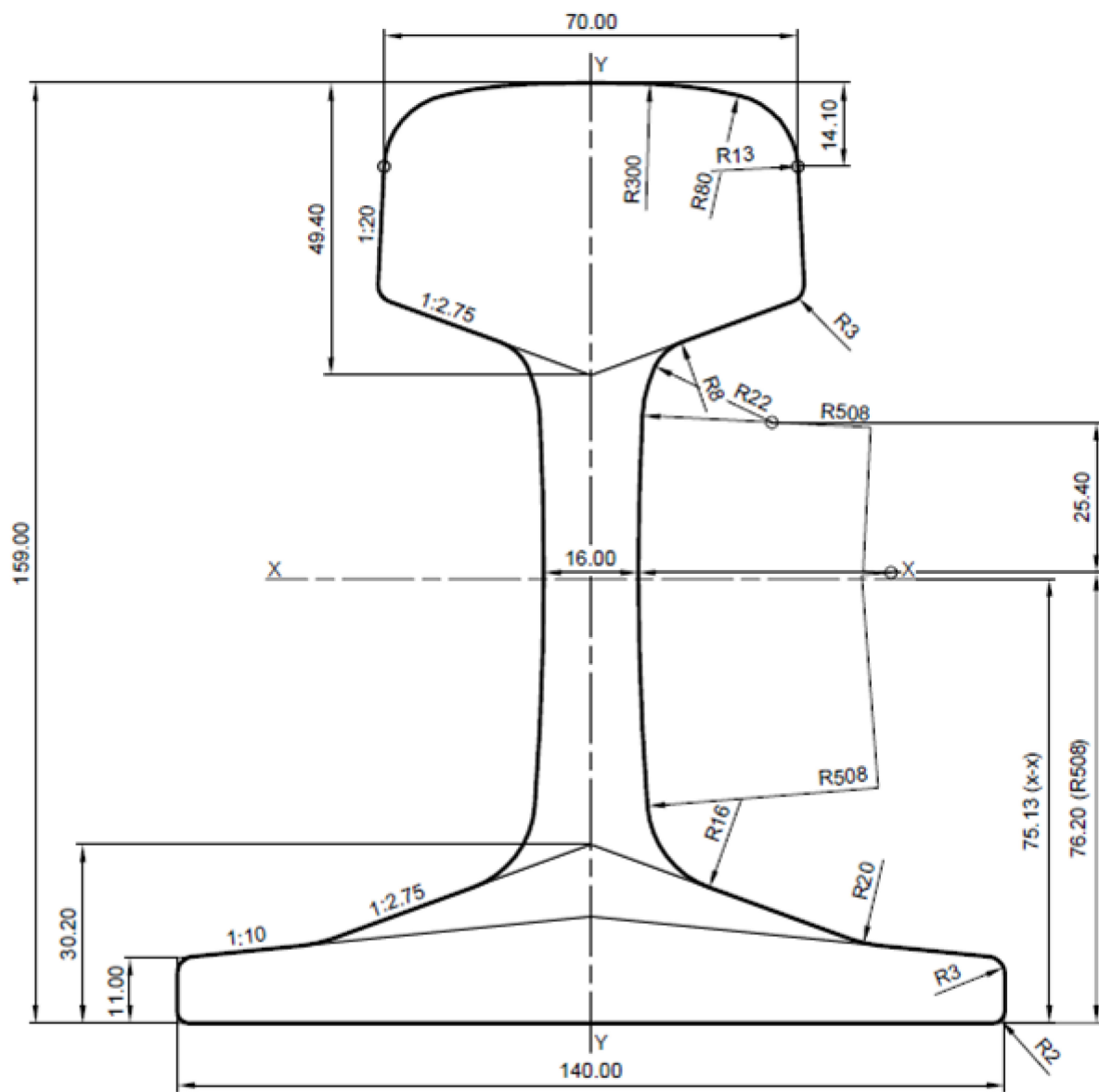
EN 13674-1:2011/prA1:2015 (E)

Replace Figure A.7 "Rail profile 49E5" with the following:



Replace Figure A.15 "Rail profile 54E1" with the following:

"



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