
Vroče valjani ozki jekleni trakovi - Tolerance mer in oblike

Hot-rolled narrow steel strip - Tolerances on dimensions and shape

Warmgewalzter Bandstahl - Grenzabmaße und Formtoleranzen

Bandes étroites laminées à chaud - Tolérances de dimensions et de forme

Ta slovenski standard je istoveten z: prEN 10048

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77.140.45	Nelegirana jekla	Non-alloyed steels
77.140.50	Ploščati jekleni izdelki in polizdelki	Flat steel products and semi-products

oSIST prEN 10048:2026

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 10048

July 2026

ICS 77.140.45

Will supersede EN 10048:1996

English Version

Hot-rolled narrow steel strip - Tolerances on dimensions and shape

Bandes étroites laminées à chaud - Tolérances de dimensions et de forme

Warmgewalzter Bandstahl - Grenzabmaße und Formtoleranzen

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prEN 10048:2026 (E)**European foreword**

This document (prEN 10048:2026) has been prepared by Technical Committee CEN/TC 459/SC 3 “Structural steels other than reinforcements”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 10048:1996.

prEN 10048:2026 includes the following significant technical changes with respect to EN 10048:1996:

- introduction of concept of deformation resistance at elevated temperatures;
- tolerances on thickness are given in normal and fine tolerances;
- extension to include strip with rolled width up to and including 720 mm that has finer tolerance requirements than specified in EN 10051;
- editorial update.

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1 Scope

This document specifies tolerances on dimensions and shape for hot rolled uncoated narrow strip and cut lengths of non-alloy and alloy steel grades in accordance with Table 1.

It is usually produced in thickness of 0,8 mm up to and including 16 mm and generally has a rolled width less than 600 mm but is also produced in rolled widths up to and including 720 mm.

Hot-rolled narrow strip has a symmetrical thickness profile with tight crown tolerances and therefore cannot be compared to slit wide strip.

This document also applies to hot-rolled strip for cold rolling.

Table 1 — Field of application

Product	Steel grades according to: (but not limited to)	
Narrow strip	EN ISO 683-1 and EN ISO 683-2	Steels for quenching and tempering
	EN ISO 683-3	Case hardening steels
	EN ISO 683-4	Free-cutting steels
	EN ISO 683-5	Nitriding steels
	EN ISO 683-17	Ball and roller bearing steels
	EN ISO 4957	Tool steels
	EN 10025-2 to EN 10025-6	Structural steels
	EN 10028-2 to EN 10028-6	Steels for pressure purposes
	EN 10089/ISO 683-6	Hot rolled steels for quenched and tempered springs
	EN 10111	Low carbon steel sheet and strip for cold forming
	EN 10120	Steel sheet and strip for welded gas cylinders
	EN 10132	Cold narrow steel strip for heat treatment
	EN 10149-2 and EN 10149-3	High yield strength steels for cold forming
	EN 10207	Steels for simple pressure vessels
	EN 10338	Non-coated products of multiphase steels for cold forming

This document can also be used for other steels, e.g.: steels from standards not mentioned in Table 1.

This document does not apply to:

- continuously hot-rolled wide strip and plate/sheet cut from wide strip of non-alloy and alloy steels and narrow strip obtained by slitting wide strip (EN 10051);
- hot-rolled patterned steel strip and plate/sheet cut from wide strip (see EN 10363);
- uncoated or electrolytically coated cold rolled sheet and strip (see EN 10131);
- hot-dip coated steel sheet and strip (EN 10143).