

<b>STN</b>	<b>Laserom zvárané upravené polotovary. Technické dodacie podmienky.</b>	<b>STN EN 10359</b>  42 1029
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Laser welded tailored blanks - Technical delivery conditions

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/16

Obsahuje: EN 10359:2015

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2016  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy  
rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

ICS 77.140.50

English Version

## Laser welded tailored blanks - Technical delivery conditions

Flans rabotés laser - Conditions techniques de livraison

Laserstrahlgeschweißte Tailored Blanks aus Stahlfeinblech  
- Technische Lieferbedingungen

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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## **European foreword**

This document (EN 10359:2015) has been prepared by Technical Committee ECISS/TC 109 “Coated and uncoated flat products to be used for cold forming”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2016 and conflicting national standards shall be withdrawn at the latest by January 2016.

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## **1 Scope**

This European Standard describes the requirements for laser welded tailored blanks made of alloyed and unalloyed steels, of uniform or different steel grades and with or without metallic and/or organic coatings, having uniform or different sheet thickness. It applies only to the (Tailored Blanks) as-supplied condition of tailored blanks.

After the welding process, tailored blanks are further processed to pressed parts by forming operations under the responsibility of the processor. In the design of the component due consideration should be given to the fact that the weld seam is less formable in comparison to the base material.

## **2 Normative references**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 10131, *Cold rolled uncoated and zinc or zinc-nickel electrolytically coated low carbon and high yield strength steel flat products for cold forming — Tolerances on dimensions and shape*

EN 10143, *Continuously hot-dip coated steel sheet and strip — Tolerances on dimensions and shape*

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**