

## **BSI Standards Publication**

### Flat products made of steels for pressure purposes

Part 3: Weldable fine grain steels, normalized



BS EN 10028-3:2017 BRITISH STANDARD

### National foreword

This British Standard is the UK implementation of EN 10028-3:2017. It supersedes BS EN 10028-3:2009, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/107, Steels for Pressure Purposes.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2017 Published by BSI Standards Limited 2017

ISBN 978 0 580 87851 0

ICS 77.140.30; 77.140.50

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2017.

Amendments/corrigenda issued since publication

Date Text affected

# EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 10028-3

July 2017

ICS 77.140.30; 77.140.50

Supersedes EN 10028-3:2009

#### **English Version**

# Flat products made of steels for pressure purposes - Part 3: Weldable fine grain steels, normalized

Produits plats en aciers pour appareils à pression -Partie 3 : Aciers soudables à grains fins, normalisés Flacherzeugnisse aus Druckbehälterstählen - Teil 3: Schweißgeeignete Feinkornbaustähle, normalgeglüht

This European Standard was approved by CEN on 7 May 2017.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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

All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

© 2017 CEN

Ref. No. EN 10028-3:2017 E

Con	tents	Page
Euroj	ıropean foreword3	
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Tolerances on dimensions	4
5	Calculation of mass	4
6	Classification and designation	5
6.1	Classification	
6.2	Designation	
7	Information to be supplied by the purchaser	5
, 7.1	Mandatory information	
7.2	Options	
7.3	Example for ordering	
8	Requirements	6
8.1	Steelmaking process	
8.2	Delivery condition	
8.3	Chemical composition	
8.4	Mechanical properties	
8.5	Surface condition	
8.6	Internal soundness	9
8.7	Resistance to hydrogen induced cracking	10
9	Inspection	10
9.1	Types of inspection and inspection documents	
9.2	Tests to be carried out	
9.3	Retests, sorting and reprocessing	10
10	Sampling	10
11	Test methods	10
12	Marking	10
Anne	x A (normative) Evaluation of resistance to hydrogen induced cracking	14
Anne	x B (informative) Information on welding	15
Anne	x C (informative) Changes to the previous version EN 10028-3:2009	16
Anne	x ZA (informative) Relationship between this European Standard and the Essential Requirements of Directive 2014/68/EU aimed to be covered	17
Ribli.	ography	18