

BS ISO 5609-5:2012



BSI Standards Publication

Tool holders for internal turning with cylindrical shank for indexable inserts

Part 5: Style U

bsi.

...making excellence a habit.
AVA Documents™
Document Sharing Hub

National foreword

This British Standard is the UK implementation of ISO 5609-5:2012. Together with BS ISO 5609-1:2012, BS ISO 5609-2:2012, BS ISO 5609-3:2012, BS ISO 5609-4:2012 and BS ISO 5609-6:2012, it supersedes BS 4193-18:1999, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MTE/18, Tools tips and inserts for cutting applications.

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 2013

Published by BSI Standards Limited 2013

ISBN 978 0 580 76156 0

ICS 25.100.10

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 30 June 2013.

Amendments issued since publication

Amd. No.	Date	Text affected
----------	------	---------------

INTERNATIONAL STANDARD

ISO
5609-5

First edition
2012-12-15

Tool holders for internal turning with cylindrical shank for indexable inserts —

Part 5: Style U

*Porte-plaquette de tournage intérieur à queue cylindrique pour
plaquettes amovibles —*

Partie 5: Forme U



Reference number
ISO 5609-5:2012(E)
Documents
Document Sharing Hub
© ISO 2012



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Dimensions	1
3.1 General.....	1
3.2 Tool holder, style U, for rhombic indexable insert, shape D.....	2
3.3 Tool holder, style U, for rhombic indexable insert, shape V.....	3
4 Designation	4
5 Material	5
6 Design	5
6.1 Type of tool.....	5
6.2 Type of mounting.....	5
6.3 Corner radius r_ϵ	5
6.4 Thickness, s , of insert.....	6
7 Extent of delivery	6
8 Marking	6
Bibliography	7