

INTERNATIONAL STANDARD

ISO 3551-1

First edition
1992-07-01

Rotary core diamond drilling equipment — System A —

Part 1: Metric units

*Matériel de forage rotatif au diamant avec carottage — Système A —
Partie 1: Unités métriques*



Reference number
ISO 3551-1 : 1992 (E)

ISO 3551-1 : 1992 (E)

Contents

	Page
1 Scope	1
2 Normative references	1
3 Designation	1
4 Materials	1
5 Dimensions and tolerances	2
Tables	
1 Identification symbols	3
2 Mechanical properties	3
3 System of dimensional identification letters	5
4 Nomenclature and basic dimensions for drill rods and casings and their related diamond set items	6
5 Nomenclature and basic dimensions for core barrels and their related diamond set items	7
6 to 8 "W" design drill rod and coupling	8-11
9 to 14 "W" design flush-jointed casing	13-19
9 and 15 to 19 "X" design flush-coupled casing	13, 20-24
20 to 27 "WF" design double-tube core barrel	26-34
28 to 31 "WG" design single-tube core barrel	36-40
32 to 35 "WG" design double-tube core barrel	43-47
36 to 42 "WM" design double-tube core barrel	49-57
43 and 44 "WT" design single-tube core barrel (BWT, NWT, HWT)	59, 60
45 and 46 "WT" design single- and double-tube core barrel (BWT, NWT, HWT)	62, 63
47 to 50 "WT" design double-tube core barrel (BWT, NWT, HWT)	65-69
51 to 57 "WT" design double-tube core barrel (RWT, EWT, AWT)	71-79

© ISO 1992

All rights reserved. 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 the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 3551-1 was prepared by Technical Committee ISO/TC 82, *Mining*, Sub-Committee SC 6, *Diamond core drilling equipment*.

ISO 3551 consists of the following parts, under the general title *Rotary core diamond drilling equipment – System A*:

- *Part 1: Metric units*
- *Part 2: Inch units*