

Australian Standard[®]

**Blanks for superabrasive cutting-off
wheels**

**Part 2: Hand-held cutting-off in building
and civil engineering**

STANDARDS
Australia



This Australian Standard® was prepared by Committee ME-033, Abrasives. It was approved on behalf of the Council of Standards Australia on 5 September 2006.
This Standard was published on 28 September 2006.

The following are represented on Committee ME-033:

- Abrasives Institute of Australia
 - Australian Chamber of Commerce and Industry
 - Industrial Diamond Association of Australia
 - The University of Melbourne
 - Victorian Employers' Chamber of Commerce
-

This Standard was issued in draft form for comment as DP 0 264.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To remain in their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting www.standards.org.au

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

Australian Standard[®]

Blanks for superabrasive cutting-off wheels

Part 2: Hand-held cutting-off in building and civil engineering

Originally as part of AS B209—1969.
Previous edition part of AS/NZS 4517:1998.
Revised in part and designated as AS 4517.2—2006.

COPYRIGHT

© Standards Australia

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 7759 7

PREFACE

This Standard was prepared by the Standards Australia Committee ME-033, Abrasives, to supersede, in part, AS/NZS 4517:1998, *Abrasive products—Segmented saws for machining of stone and masonry cutting—Dimensions of steel blades*.

This Standard is identical with, and has been reproduced from ISO 6105-2:2004, *Blanks for superabrasive cutting-off wheels—Part 2: Hand-held cutting-off in building and civil engineering*.

The objective of this revision is to adopt the latest edition of ISO 6105, Part 2, and so align the dimensions of blanks for superabrasive cut-off wheels (for hand-held cutting machines) with international convention.

As this Standard is reproduced from an international standard, the following apply:

- (a) Its number appears on the cover and title page while the international standard number appears only on the cover.
- (b) In the source text 'this part of ISO 6105' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

AUSTRALIAN STANDARD

Blanks for superabrasive cutting-off wheels —

Part 2: Hand-held cutting-off in building and civil engineering

1 Scope

This part of ISO 6105 specifies dimensions for blanks to be used for superabrasive cutting-off wheels on hand-held cutting-off machines that are designed for application in building and civil engineering (cutting of asphalt, concrete, natural or artificial stone).

2 Dimensions, designation

The dimensions of blanks with 30 mm to 40 mm lands and narrow slots (type F), blanks with 40 mm lands and wide slots (type G), blanks with 50 mm lands and narrow slots (type H), and blanks with 50 mm lands and wide slots (type I), used for superabrasive cutting-off wheels, are shown in Figures 1 and 2 and are given in Tables 1 to 4 respectively.

Details which are not specified shall be chosen according to need.

3 Designation

EXAMPLE A blank for superabrasive cutting-off wheels of Type F with $D_1 = 290$ mm, $E = 1,8$ mm and $H = 25,4$ mm is designated as follows:

Blank ISO 6105-2 F 290 × 1,8 × 25,4