

AS/NZS 4518.1:1997
ISO 8486-1:1996

Australian/New Zealand Standard[®]

**Bonded abrasives—Determination
and designation of grain size
distribution**

Part 1: Macrogrits F4 to F220



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AS/NZS 4518.1:1997

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME/33, Abrasives. It was approved on behalf of the Council of Standards Australia on 30 September 1997 and on behalf of the Council of Standards New Zealand on 29 September 1997. It was published on 5 December 1997.

The following interests are represented on Committee ME/33:

Abrasives Institute of Australia
Australian Association of Certification Bodies
Australian Business
Australian Chamber of Commerce and Industry
Bureau of Steel Manufacturers of Australia
Industrial Diamond Association
New Zealand Institute of Engineering Sciences
University of Melbourne
University of New South Wales

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Part 1: Macrogrits F4 to F220

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PREFACE

This Standard was prepared by the Joint Standard Australia/New Zealand Committee ME/33, Abrasives, to supersede, in part, AS 1487:1975, *Abrasive grain size*.

This Standard is identical with and has been reproduced from ISO 8486-1:1996, *Bonded abrasives—Determination and designation of grain size distribution, Part 1: Macrogrits F4 to F220*.

The objective of this Standard is to provide manufacturers and users of bonded abrasive products with a method for assessing the size distribution of macrogrits of fused aluminium oxide and silicon carbide in the range F4 to F220 which are intended to be used in the manufacture of products such as grinding wheels, saws and the like.

This Standard is one of a series of Standards applicable to bonded and coated abrasive products.

Statements expressed in mandatory terms in notes to tables, figures or clauses are deemed to be requirements of this Standard.

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3310-1	Part 1: Test sieves of metal wire cloth	
9138	Abrasive grains—Sampling and splitting	4520 Abrasive grains—Sampling and splitting
9284	Abrasive grains—Test-sieving machines	4521 Abrasive grains—Test-sieving machines

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