

ANSI Standards relevant for abrasives

Last update: May 2015

Number	Type	Title of Standard
B7.1-2010	Bonded	Safety Requirements for the Use, Care and Protection of Abrasive Wheels
B7.7-2003 R2011	Coated	Safety Requirements for Abrading Materials with Coated Abrasive Systems
B74.10-2010	Grain	Grading of Abrasive Microgrits
B74.11-2014	Grain	Tumbling Chip Abrasives
B74.12-2012	Grain	Size of Abrasive Grain-Grinding Wheels, Polishing and General Industrial Uses
B74.13-1990 R2007	Bonded	Markings for Identifying Grinding Wheels and Other bonded Abrasives
B74.14-2007 R2013	Grain	Chemical Analysis of Aluminum Oxide Abrasive Grain and Abrasive Crude
B74.15-1992 R2013	Grain	Chemical Analysis of Silicon Carbide Abrasive Grain and Abrasive Crude
B74.16-2007 R2014	Superabrasives	Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain
B74.18-2006	Grain	Grading of Certain Abrasive Grain on Coated Abrasive Material
B74.19-2002 R2007	Grain	Determining the Magnetic Content of Abrasive Grains
B74.20-2004 R2010	Superabrasives	Grading of Diamond Powder in Sub-Sieve Sizes
B74.21-2002 R2007	Bonded	Fatigue Proof Test Procedure for Vitrified Grinding Wheels
B74.2-2003	Bonded	Shapes and Sizes of Grinding Wheels and Shapes, Sizes and Identification of Mounted Wheels
B74.22-1991 R2007	Bonded	Design Test for Type 27 Portable Grinding Wheels
B74.23-2002 R2014	Superabrasives	Measuring Relative Crystal Strength of Diamond and Cubic Boron Nitride Grit
B74.3-2003R2014	Superabrasives	Shapes and Sizes of Diamond or CBN Abrasive Products
B74.4-1992 R2013	Grain	Bulk Density of Abrasive Grains
B74.5-1964 R2007	Grain	Capillarity of Abrasive Grains
B74.6-2001 R2007	Grain	Sampling of Abrasive Grains
B74.8-1987 R2007	Grain	Friability of Abrasive Grain, Ball Mill

Warning: please inform us if you notice any anomaly

These standards are published by the UAMA, and can be ordered from this organisation.

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