



CORPORATE STANDARD

AA6411213

Rev. No. 04

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GRINDING WHEEL-STRAIGHT ALUMINIUM OXIDE, RESINOID (OVER 50 mm UPTO AND INCLUDING 150 mm DIA.)

1 SCOPE

This standard covers the dimensions and other requirements for straight grinding wheels of aluminium oxide abrasive and resinoid bond (for sizes over 50 mm up to and including 150 mm diameter).

2 DESIGNATION

A straight grinding wheel of outside dia. D = 63, thickness T = 16 and bore dia. H = 10, white aluminium oxide grit size 163, grade R structure 5 and resinoid bond shall be designated as

2.1 On indents

Straight grinding wheel 63 x 16 x 10 A163 R5 BM4 of M/S Carborundam Universal Ltd. or equivalent - AA6411213

2.2 For issuing enquiries and on purchase orders

Delete BHEL standard number from the above designation and add the following given information under Clause 3.

2.3 Abbreviated Description

G.W.ST 63 X 16 X 10 A163 R5 BM4

3 COMPLIANCE WITH STANDARDS

3.1 Dimensions

As per IS 2324 Part 2-1985

3.2 Tolerances

As per IS 13596

3.3 Marking

As per IS 551. Batch No., expiry date and safe operating speed shall be legibly marked on each grinding wheel.

3.4 Packing

The wheels shall be suitably packed so as to avoid any damage in transit.

3.5 Safety requirement

As per IS: 1991

4 REFERRED STANDARDS (Latest Publications Including Amendments)

- 1) IS 551
- 2) IS 1991
- 3) IS 13596

Revisions:
As per clause 36.1.A) of MOM of MRC-Tools

APPROVED:
INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC (T)

Rev. No. 04

Amd. No.

Reaffirmed

Prepared
HEEP, Haridwar

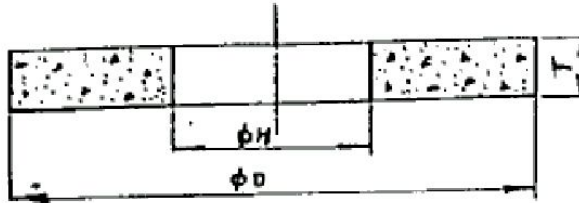
Issued
Corp. R&D

Dt. of 1st Issue
01-04-1978

Dt: 15-12-2005

Dt:

Year: 2016



All dimensions are in 'mm'.

SIZE			GRADE OF M/S CARBORUNDUM UNIVERSAL LTD.	SUB-CODES
OUT SIDE DIA. D	THICKNESS T	BORE DIA. H		
63	16	10	A 163 R5 BM4	011
150	16	31.75	A 60 PBN	020*
150	25	15.88	A 145 R5 BM4	046
150	25	15.88	A 163 R5 BM4	038

NOTE:

- 1) Details of sizes standardized at corporate level only are shown in the table.
- 2) For details of sizes stocked at plant level refer annexure.