

DEFECTS TEST CD-RW

For Checking CD Players and CD Drives TCD-W025W

1. Purpose of use, Features

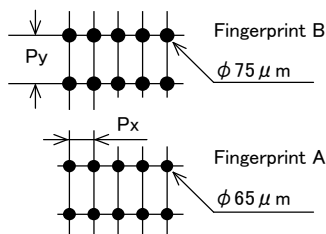
TCD-W025W is CD-RW Defects Test Disc designed for confirmation of playability for defects (stains, fingerprints) evaluation, measurement and adjustment of CD Players and Drives etc.. It is simulated missing signals by stains etc. adhered on the surface of a disc by Black Bands and Fingerprints. Black Bands are processed as staircase type from 0.1 to 0.7mm. It is available to check with respect to each 0.1mm step of 7 steps.

2. Specifications

- TCD-W091W is used as material disc. Please refer to TCD-W091W Product Introduction for basic parameter
- Microscopic dimension of dots are managed on Fingerprints A and B area.
- Disc type : CD-RW Defects disc
- Scanning velocity : 1.2 m/sec (for reference)
- Track pitch : 1.6 μ m (for reference)
- Center hole diameter : 15 +0.1/ -0 mm
- Eccentricity : $\leq 70 \mu$ m 0-p
- Radial tilt (β angle) : $\leq \pm 0.6$ deg
- Defects specification

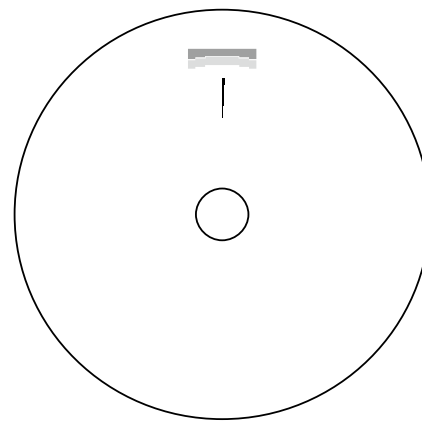
Track No.	Defects
1	None
2	None
3	Black band width 0.1 mm
4	Black band width 0.2 mm
5	Black band width 0.3 mm
6	Black band width 0.4 mm
7	Black band width 0.5 mm
8	Black band width 0.6 mm
9	Black band width 0.7 mm
10	None
11	None
12	None
13	Fingerprint A
14	Fingerprints A or B
15	Fingerprint B
16	None

note) Please be careful not to erase from, nor overwrite TCD-W025W.

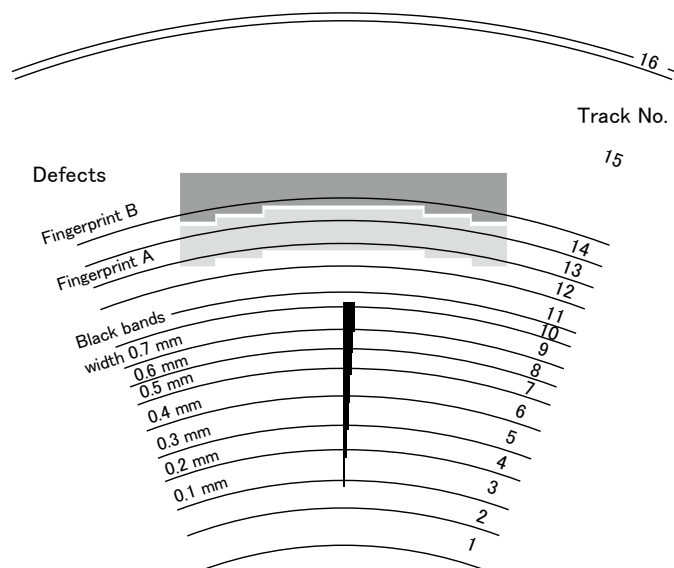


Clearance of respective dots mm
Tangential direction: $P_x=0.125$
Radial direction: $P_y=0.25$

Details of Fingerprints



Imaged figure of Defects (Read out side)



Location of Defects and Tracks

Values in this sheet are measured by the equipments ALMEDIO-owned. Appearance and specifications are subject to change without notice.

<Proper handling of the disc>

Do not write on the surface with a pen and others, nor put a sticker on it.

Do not expose the disc to direct sunlight, nor leave it in the place of high temperature and high humidity.

After playing, store the disc in its own case.

ALMEDIO INC.

Sales Headquarters

<http://www.almedio.co.jp>

E-Mail : tm-sales@almedio.co.jp