

# Kiintolevyjen tuhoaminen HDD Destruction

**DIN 66399**

**EADMS**

**Luokat/Classes**

[scanmagnetics.fi](http://scanmagnetics.fi)

# Kovalevyn tuhoaminen [ kiintolevyjen silppuaminen tietoturvallisesti ]

DIN 66399 luokitus / classification : chapter H - Hard Disk Drives with magnetic data carriers

		PARTICLE SIZE	
		90% MUST be	10% allowed upto
<b>H</b>	Kiintolevyt, joissa tallennus magneettikielelle HDD with magnetic data carrier		
<b>H-1</b>	Kovalevy EI toimintakuntoinen mekaanisesti / sähköisesti HDD mechanically / electronically unoperable (damaged)	No Requirement	No Requirement
<b>H-2</b>	Tallennusväline (kiekko) vioittunut Data carrier (disk) damaged	No Requirement	No Requirement
<b>H-3</b>	Tallennusvälineen pintamuoto vahingoittunut pois muodosta Data carrier deformed	No Requirement	No Requirement
<b>H-4</b>	Tallennusväline paloiteltu JA pois muodosta JA palakoko : Data carrier in pieces AND deformed AND particle size :	$\leq 2000 \text{ mm}^2$	$\leq 3800 \text{ mm}^2$
<b>H-5</b>	Tallennusväline paloiteltu JA pois muodosta JA palakoko : Data carrier in pieces AND deformed AND particle size :	$\leq 320 \text{ mm}^2$	$\leq 800 \text{ mm}^2$
<b>H-6</b>	Tallennusväline paloiteltu JA pois muodosta JA palakoko : Data carrier in pieces AND deformed AND particle size :	$\leq 10 \text{ mm}^2$	$\leq 30 \text{ mm}^2$
<b>H-7</b>	Tallennusväline paloiteltu JA pois muodosta JA palakoko : TAI kuumennettu yli Curie lämpötilan Data carrier in pieces AND deformed AND particle size : OR heated above Curie temperature	$\leq 5 \text{ mm}^2$	$\leq 15 \text{ mm}^2$

# Kovalevyn tuhoaminen [ kiintolevyjen silppuaminen tietoturvallisesti ]


DIN 66399 luokitus / classification : chapter E - Electronic data carriers [SSD, sticks, cards]

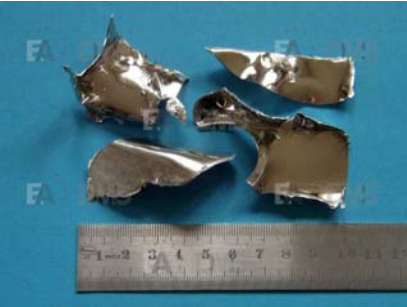


		PARTICLE SIZE	
		90% MUST be	10% allowed upto
<b>E</b>	Elektroniset tallennusvälineet: SSD levyt, USB tikut, Sirukortit Electronic data carriers: SSD drives, USB Sticks, Chip cards		
<b>E-1</b>	Media EI toimintakuntoinen mekaanisesti / sähköisesti Medium mechanically / electronically unoperable (damaged)	No Requirement	No Requirement
<b>E-2</b>	Media paloitettu Medium in pieces	No Requirement	No Requirement
<b>E-3</b>	Media paloitettu JA palakoko : Medium in pieces AND particle size :	$\leq 160 \text{ mm}^2$	$\leq 480 \text{ mm}^2$
<b>E-4</b>	Tallennusväline (siru) paloitettu JA palakoko : Data carrier (chip) in pieces AND particle size :	$\leq 30 \text{ mm}^2$	$\leq 90 \text{ mm}^2$
<b>E-5</b>	Tallennusväline (siru) useaan kertaan tuhottu JA palakoko : Data carrier (chip) destroyed multiple times AND particle size :	$\leq 10 \text{ mm}^2$	$\leq 30 \text{ mm}^2$
<b>E-6</b>	Tallennusväline (siru) useaan kertaan tuhottu JA palakoko : Data carrier (chip) destroyed multiple times AND particle size : -/ TAI tuhkattu, -/ OR reduced to ashes	$\leq 1 \text{ mm}^2$	$\leq 3 \text{ mm}^2$
<b>E-7</b>	Tallennusväline (siru) useaan kertaan tuhottu JA palakoko : Data carrier (chip) destroyed multiple times AND particle size : -/ TAI tuhkattu, -/ OR reduced to ashes	$\leq 0,5 \text{ mm}^2$	$\leq 1,5 \text{ mm}^2$


## DMS 2008 Standard for Physical HDD Destruction (overview)

The aim of this standard is to provide:

- Easy and transparent orientation to everybody for the secure disposal of HDDs (hard-disk-drives).
- The recommended levels of security help to find individual ratings of the existing risks for private persons as well as commercial companies, government and other organisations and offer a suitable solution at the same time.
- Checking the success of the selected security measure is easy to do for everybody, even without special know-how and/or tools.
- To provide basic figures for particle sizes as well as rules for the distribution of those sizes (including one-offs) to allow an easy certification for users.

Security level	Description	Picture	Recommended for:
A	<p>Data bearer is severely damaged at least at one place such as:</p> <ul style="list-style-type: none"> <li>- drilled hole</li> <li>- suitable bending</li> <li>- other methods examined and accepted by EADMS auditors</li> </ul>		<p>Private person with regular needs for security. This security level assures that data can only be recovered if very special tools would be available.</p>

B	<p>Data bearer is destroyed in stripes of some 30 mm width and bended due to the destruction process.</p>		<p>Commercial companies with regular needs for security. Also suitable for departments within commercial companies with regular needs for security.</p>
C	<p>Data bearer is destroyed in particles of some 300 mm<sup>2</sup> size or less and bended due to the destruction process.</p>		<p>All organisations, companies or departments of them with high volume of sensitive data or data with a high need for protection such as:</p> <ul style="list-style-type: none"> <li>- Government offices, local, regional, national</li> <li>- Banks, insurances</li> <li>- HR, finance, IT</li> <li>- VIR-BI (for NL only), Departementaal Vertrouwelijk und Stg. Confidenteel</li> <li>- Etc</li> </ul>
D	<p>Data bearer is destroyed in particles of some 30 mm<sup>2</sup> size or less and bended due to the destruction process.</p>		<p>All organisations, companies or departments of them with very sensitive data or data with a very high need for protection such as:</p> <ul style="list-style-type: none"> <li>- Government offices</li> <li>- Special services</li> <li>- VIR-BI (for NL only), Stg. Geheim</li> <li>- Etc.</li> </ul>

E	Data bearer is destructed in particles of some 10 mm <sup>2</sup> size or less and bended due to the destruction process.		All organisations or departments of them with particularly sensitive data or data with a particularly high need for protection such as: <ul style="list-style-type: none"><li>- Government offices</li><li>- Special services</li><li>- VIR-BI (for NL only), Stg. Zeer Geheim</li><li>- Etc.</li></ul>
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The purpose of EA DMS:

- The association is serving the public good and has no commercial targets.
- It defines suitable security standards for the disposal of digital data media, and publishes them.
- Such consistent standards allow the secure disposal of many millions of digital data media.
- In doing so, all developed standards are fully transparent and free access to them is offered to anybody at any time.



**scanmagnetics**

HDD KOVALEVYSILPPURIT

- Laitemyynti
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Silppurin WhitePaper:



**Älä Oleta - TIEDÄ - miten, milloin & missä kiintolevysi tuhottiin !**

“ Turvallisin tapa tuhota tietokoneen kovalevy on sen silppuaminen itse, omissa toimitiloissa. „