

# Shredding properly for your protection

HSM product finder according to DIN 66399



		Private / home office	Workplace	Large offices / office floor	Archives / large bulks	Cutting size in mm	Order number	Security level according to DIN 32157	Security level according to DIN 66399	Information in original size e.g. paper, x-ray films, print forms	Optical data media e.g. CDs, DVDs, Blu-ray discs	Magnetic data media e.g. floppy disks, ID cards with magnetic strips	Electronic data media e.g. chip cards, solid state drives, flash memory from smartphones	Information in reduced size e.g. films, foils	Hard drives with magnetic data media
<b>HSM SECURIO</b>	<b>HSM SECURIO C16</b>					5,8	1901111	2	P-2 / T-2 / E-2	P-2				E-2	
						3,9	1900111	2	P-2 / T-2 / E-2	P-2				E-2	
	<b>HSM SECURIO C18</b>					4 x 25	1902111	3	P-4 / T-4 / E-3 / F-1	P-4				E-3	F-1
						5,8	1911111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1910111	2	P-2 / T-2 / E-2	P-2				E-2	
						3,9 x 30	1913111	3	P-4 / T-4 / E-3 / F-1	P-4				E-3	F-1
	<b>HSM SECURIO B22</b>					1,9 x 15	1912111	4	P-5 / T-5 / E-4 / F-2	P-5				E-4	F-2
						5,8	1831111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1830111	2	P-2 / T-2 / E-2	P-2				E-2	
						3,9 x 30	1833111	3	P-4 / T-4 / E-3 / F-1	P-4				E-3	F-1
	<b>HSM SECURIO B24</b>					1,9 x 15	1832111	4	P-5 / T-5 / E-4 / F-2	P-5				E-4	F-2
						5,8	1781111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1780111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						4,5 x 30	1783111	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3			E-3	F-1
						1,9 x 15	1782111	4	P-5 / T-5 / E-4 / F-2	P-5				E-4	F-2
						0,78 x 11	1785111	5	P-6 / F-3	P-6				E-4	F-3
	<b>HSM SECURIO B32</b>					1 x 5	1784111	6	P-7 / F-3	P-7				E-4	F-3
						5,8	1821111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1820111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						4,5 x 30	1823111	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3			E-3	F-1
						1,9 x 15	1822111	4	P-5 / T-5 / E-4 / F-2	P-5				E-4	F-2
						0,78 x 11	1825111	5	P-6 / F-3	P-6				E-4	F-3
	<b>HSM SECURIO B34</b>					1 x 5	1824111	6	P-7 / F-3	P-7				E-4	F-3
						5,8	1841111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1840111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						4,5 x 30	1843111	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3			E-3	F-1
						1,9 x 15	1842111	4	P-5 / T-5 / E-4 / F-2	P-5				E-4	F-2
						0,78 x 11	1845111	5	P-6 / F-3	P-6				E-4	F-3
	<b>HSM SECURIO P36</b>					1 x 5	1844111	6	P-7 / F-3	P-7				E-4	F-3
						5,8	1851111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1850111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						4,5 x 30	1853111	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3			E-3	F-1
						1,9 x 15	1852111	4	P-5 / T-5 / E-4 / F-2	P-5				E-4	F-2
						0,78 x 11	1855111	5	P-6 / F-3	P-6				E-4	F-3
	<b>HSM SECURIO P40</b>					1 x 5	1854111	6	P-7 / F-3	P-7				E-4	F-3
						5,8	1881111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1880111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						4,5 x 30	1883111	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3			E-3	F-1
						1,9 x 15	1882111	4	P-5 / O-4 / T-5 / E-4 / F-2	P-5	O-4			E-4	F-2
						0,78 x 11	1885111	5	P-6 / F-3	P-6				E-4	F-3
	<b>HSM SECURIO P44</b>					1 x 5	1884111	6	P-7 / F-3	P-7				E-4	F-3
						5,8	1871111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9	1870111	2	P-2 / O-2 / T-2 / E-2	P-2	O-2			E-2	
						3,9 x 40	1873111	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3			E-3	F-1
						1,9 x 15	1872111	4	P-5 / O-4 / T-5 / E-4 / F-2	P-5	O-4			E-4	F-2
						0,78 x 11	1875111	5	P-6 / F-3	P-6				E-4	F-3
	<b>HSM shredstar</b>	<b>HSM shredstar Multishred</b>					4 x 35	1011111	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3		E-3	F-1
							7	1012111	1	P-1	P-1				
<b>HSM shredstar S5</b>						6,3	1013111	1	P-1	P-1					
						4 x 38	1014111	3	P-4 / F-1	P-4				F-1	
<b>HSM shredstar X5</b>						4 x 35	1032111	3	P-4 / O-1 / T-2 / E-2 / F-1	P-4	O-1		E-2	F-1	
						4 x 27	1017111	3	P-4 / O-1 / T-2 / E-2 / F-1	P-4	O-1		E-2	F-1	
<b>HSM shredstar X6pro</b>						3 x 10	1050111	4	P-4 / O-1 / T-2 / F-1	P-4	O-1		E-2	F-1	
						3 x 9	1018111	4	P-4 / O-1 / T-2 / E-2 / F-1	P-4	O-1		E-2	F-1	
<b>HSM Classic</b>	<b>HSM Classic 70.2</b>					5,8	1590141	2	P-2	P-2					
						3,9	1206141	2	P-2	P-2					
						5,8	1081121	2	P-2	P-2					
						3,9	1080121	2	P-2	P-2					
	<b>HSM Classic 80.2</b>					4 x 25	1082121	3	P-4 / F-1	P-4				F-1	
						5,8	1376151	2	P-2 / T-2 / E-2	P-2			T-2	E-2	
						3,9	1190151	2	P-2 / T-2 / E-2	P-2			T-2	E-2	
						4 x 25	1188151	3	P-4 / F-1	P-4					F-1
	<b>HSM Classic 90.2</b>					5,8	1104121	2	P-2 / T-2 / E-2	P-2			T-2	E-2	
						3,9	1103121	2	P-2 / T-2 / E-2	P-2			T-2	E-2	
						1,9	1102121	3	P-3	P-3					
						4 x 25	1105121	3	P-4 / F-1	P-4					F-1
	<b>HSM Classic 102.2</b>					5,8	1286141	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						3,9	1285141	2	P-2 / T-2 / E-2	P-2			T-2	E-2	
						1,9	1284141	3	P-3 / T-2 / E-2	P-3			T-2	E-2	
						3,9 x 30	1288141	3	P-4 / T-4 / E-3 / F-1	P-4			T-4	E-3	F-1
	<b>HSM Classic 104.3</b>					1,9 x 15	1287141	4	P-5 / T-5 / E-4 / F-2	P-5			T-5	E-4	F-2
						5,8	1291141	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						3,9	1290141	2	P-2 / T-2 / E-2	P-2			T-2	E-2	
						1,9	1289141	3	P-3 / T-2 / E-2	P-3			T-2	E-2	
	<b>HSM Classic 105.3</b>					3,9 x 30	1293141	3	P-4 / T-4 / E-3 / F-1	P-4			T-4	E-3	F-1
						1,9 x 15	1292141	4	P-5 / T-5 / E-4 / F-2	P-5			T-5	E-4	F-2
						0,78 x 11	1311141	5	P-6 / F-3	P-6			T-5	E-4	F-3
						5,8	1272161	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
	<b>HSM Classic 125.2</b>					3,9	1271161	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						1,9	1270161	3	P-3 / T-2 / E-2	P-3			T-2	E-2	
						3,9 x 30	1274161	3	P-4 / T-4 / E-3 / F-1	P-4			T-4	E-3	F-1
						1,9 x 15	1273161	4	P-5 / T-5 / E-4 / F-2	P-5			T-5	E-4	F-2
						0,78 x 11	1275161	5	P-6 / F-3	P-6			T-5	E-4	F-3
						1 x 5	1562151	6	P-7 / F-3	P-7					F-3
	<b>HSM Classic 225.2</b>					5,8	1341151	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						3,9	1340151	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						3,9 x 40	1343151	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3		T-4	E-3	F-1
						1,9 x 15	1342151	4	P-5 / T-5 / E-4 / F-2	P-5			T-5	E-4	F-2
						0,78 x 11	1344151	5	P-6 / F-3	P-6			T-5	E-4	F-3
						1 x 5	1458131	6	P-7 / F-3	P-7					F-3
	<b>HSM Classic 386.2</b>					3,9	1276141	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						3,9 x 30	1278141	3	P-4 / T-4 / E-3 / F-1	P-4			T-4	E-3	F-1
						5,8	1366141	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						3,9	1365141	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
	<b>HSM Classic 390.3</b>					3,9 x 40	1368141	3	P-4 / O-3 / T-4 / E-3 / F-1	P-4	O-3		T-4	E-3	F-1
						1,9 x 15	1367141	4	P-5 / T-5 / E-4 / F-2	P-5			T-5	E-4	F-2
						0,78 x 11	1369141	5	P-6 / F-3	P-6			T-5	E-4	F-3
						1 x 5	1660141	6	P-7 / F-3	P-7					F-3
	<b>HSM Classic 411.2</b>					5,8	1566171	2	P-2 / O-2 / T-2 / E-2	P-2	O-2		T-2	E-2	
						3,9									

# Finding the right document shredder step by step

## 1. Define your protection class ...

The content of your documents is not intended for general use. It is important that you decide which protection requirement your documents have – from protection class 1 for normal protection, to protection class 3 for strictly confidential data.

## 2. ... which leads to the security levels.

The three protection classes have a total of 7 security levels. You decide how small the particles from your documents should be shredded. The higher the security level, the more secure.

## 3. Select the data media relevant for you.

You have now checked the security requirement of your documents and defined the security level. Now select the data media you would like to shred. For instance, you get the result P-5.

This means:

Very high protection requirements for especially confidential and secret data on paper.  
The shredded particle size may be up to 30 mm<sup>2</sup>.



### Protection class 1

Normal protection requirement for internal data.

### Protection class 2

High protection requirement for confidential data.

### Protection class 3

Very high protection requirements for particularly confidential and secret data.

Security levels
<b>Security level 1</b> General documents to be rendered illegible or invalidated, e.g. old advertising material such as catalogues, brochures
<b>Security level 2</b> Internal documents to be rendered illegible or invalidated, e.g. internal company communication such as out-of-date instructions, travel guidelines, notices, forms
<b>Security level 3</b> Data media with sensitive and confidential data as well as personal data subject to high protection requirements, e.g. company sales reports and tax documents as well as quotations, orders etc. with private address data
<b>Security level 4</b> Data media with sensitive and confidential data as well as personal data subject to high protection requirements, e.g. balances and conditions as well as payslips, personal data/files, work contracts, medical reports, tax documents
<b>Security level 5</b> Data media with confidential information of fundamental importance for a person, company or institution, e.g. patents, construction documents, strategic papers, competitor analysis, process documentation
<b>Security level 6</b> Data media with confidential documentation in the case of exceptional security precautions, e.g. research and development documents, official areas
<b>Security level 7</b> For strictly confidential data with the highest security precautions e.g. secret service or military sectors

Information in original size	Optical data media	Magnetic data media	Electronic data media	Information in reduced form	Hard drives with magnetic data media
<b>P-1</b> Strip width max. 12 mm	<b>O-1</b> Particle size max. 2000 mm <sup>2</sup>	<b>T-1</b> Mechanically inoperable	<b>E-1</b> Mechanically/electronically inoperable	<b>F-1</b> Particle size max. 160 mm <sup>2</sup>	<b>H-1</b> Mechanically/electronically inoperable
<b>P-2</b> Strip width max. 6 mm	<b>O-2</b> Particle size max. 800 mm <sup>2</sup>	<b>T-2</b> Particle size max. 2000 mm <sup>2</sup>	<b>E-2</b> Split	<b>F-2</b> Particle size max. 30 mm <sup>2</sup>	<b>H-2</b> Damaged
<b>P-3</b> Particle size max. 320 mm <sup>2</sup>	<b>O-3</b> Particle size max. 160 mm <sup>2</sup>	<b>T-3</b> Particle size max. 320 mm <sup>2</sup>	<b>E-3</b> Particle size max. 160 mm <sup>2</sup>	<b>F-3</b> Particle size max. 10 mm <sup>2</sup>	<b>H-3</b> Deformed
<b>P-4</b> Particle size max. 160 mm <sup>2</sup>	<b>O-4</b> Particle size max. 30 mm <sup>2</sup>	<b>T-4</b> Particle size max. 160 mm <sup>2</sup>	<b>E-4</b> Particle size max. 30 mm <sup>2</sup>	<b>F-4</b> Particle size max. 2.5 mm <sup>2</sup>	<b>H-4</b> Split and deformed several times. Particle size max. 2000 mm <sup>2</sup>
<b>P-5</b> Particle size max. 30 mm <sup>2</sup>	<b>O-5</b> Particle size max. 10 mm <sup>2</sup>	<b>T-5</b> Particle size max. 30 mm <sup>2</sup>	<b>E-5</b> Particle size max. 10 mm <sup>2</sup>	<b>F-5</b> Particle size max. 1 mm <sup>2</sup>	<b>H-5</b> Split and deformed several times. Particle size max. 320 mm <sup>2</sup>
<b>P-6</b> Particle size max. 10 mm <sup>2</sup>	<b>O-6</b> Particle size max. 5 mm <sup>2</sup>	<b>T-6</b> Particle size max. 10 mm <sup>2</sup>	<b>E-6</b> Particle size max. 1 mm <sup>2</sup>	<b>F-6</b> Particle size max. 0.5 mm <sup>2</sup>	<b>H-6</b> Split and deformed several times. Particle size max. 10 mm <sup>2</sup>
<b>P-7</b> Particle size max. 5 mm <sup>2</sup>	<b>O-7</b> Particle size max. 0.2 mm <sup>2</sup>	<b>T-7</b> Particle size max. 2.5 mm <sup>2</sup>	<b>E-7</b> Particle size max. 0.5 mm <sup>2</sup>	<b>F-7</b> Particle size max. 0.2 mm <sup>2</sup>	<b>H-7</b> Split and deformed several times. Particle size max. 5 mm <sup>2</sup>

## 4. Define the area of application, number of users and amount of paper.

You have now defined the protection class of your documents and know which security level you want to achieve and which data media you have to shred.

The next questions are:

- Where is the document shredder going to be used and how many people are going to use it?
- What is the output of the document shredder, i.e. how many sheets of paper need to be shredded in one cycle?
- How big should the waste container be?

Area of application	Number of users	Amount of paper per cycle	Waste container volume
Private / home office	1 to 3 people	1 - 16 sheets 80g/m <sup>2</sup>	up to 25 litres
Workplace	up to 8 people	1 - 32 sheets 80g/m <sup>2</sup>	up to 100 litres
Large offices / office floor	up to 15 people	1 - 72 sheets 80g/m <sup>2</sup>	up to 200 litres
Archives / large bulks	from 15 people	up to 550 sheets 80g/m <sup>2</sup>	

### Would you like more information on data protection?

- For more information on the DIN 66399, go to [www.hsm.eu/din](http://www.hsm.eu/din)
- Regular training courses at the HSM Academy – Schedule at: [www.hsm.eu/akademie](http://www.hsm.eu/akademie)
- Our data protection consultants would be glad to offer you personal advice on our free advisory hotline: 00800 44 77 77 66 or use the contact form at [www.hsm.eu/kontakt\\_de](http://www.hsm.eu/kontakt_de)
- Or send an email to [DIN@hsm.eu](mailto:DIN@hsm.eu).



You have now specified all the data to be able to decide on the right document shredder for you.