

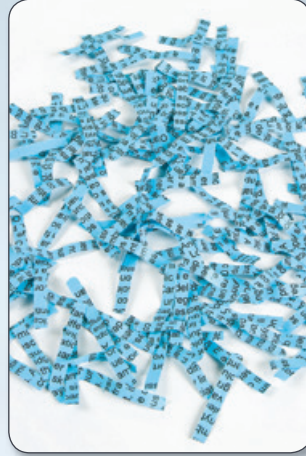
## ***This is how HSM document shredders deal with your secrets.***



**P-1** Strip width  
max. 12 mm



**P-2** Strip width  
max. 6 mm



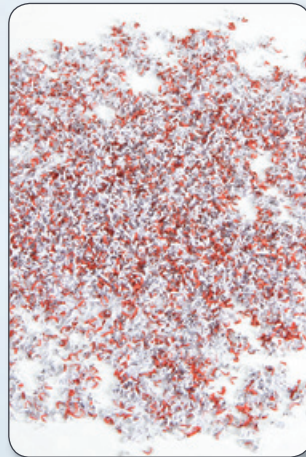
**P-3** Particle size  
max. 320 mm<sup>2</sup>



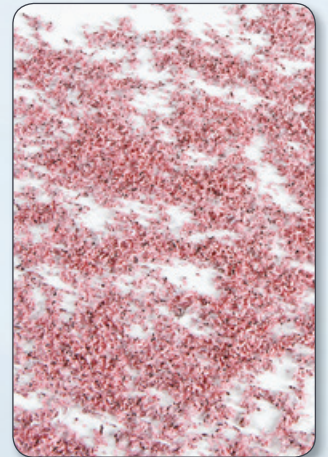
**P-4** Particle size  
max. 160 mm<sup>2</sup>



**P-5** Particle size  
max. 30 mm<sup>2</sup>



**P-6** Particle size  
max. 10 mm<sup>2</sup>



**P-7** Particle size  
max. 5 mm<sup>2</sup>

### ***Discover the particle sizes according to DIN 66399.***

*There is an easy rule for the size of the particles which are produced by the shredder: the smaller the particles are, the more security you have. Discover the particle sizes using paper.*



**Great Products, Great People.**

# **HSM<sup>®</sup>**

# Finding the right document shredder step by step.

## 1. Define your protection class...

### 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.

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

There are 7 security levels for various data carriers in 6 categories. The data carrier categories are shown on the next page.

#### Security levels

##### Security level 1

**General** documents to be rendered illegible or invalidated, for instance old advertising material such as catalogues, brochures

##### Security level 2

**Internal** documents to be rendered illegible or invalidated, for instance internal company communication, such as out-of-date instructions, travel guidelines, notices, forms

##### Security level 3

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

##### Security level 4

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

##### Security level 5

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

##### Security level 6

Data media with confidential documentation in the case of **extraordinary security precautions**, e.g. research and development documents, official areas

##### Security level 7




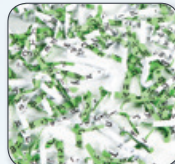
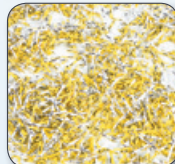
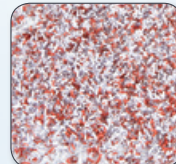
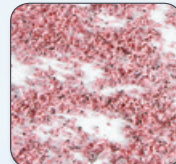

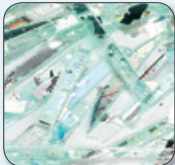
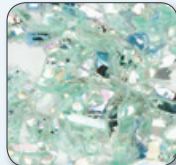

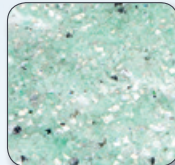
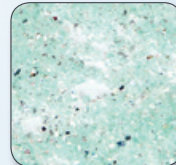
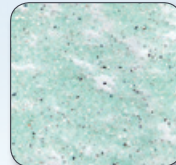


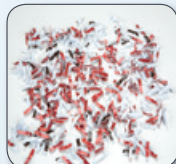


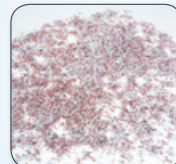
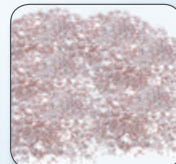



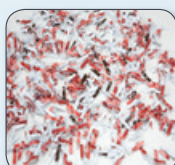

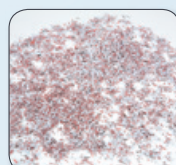

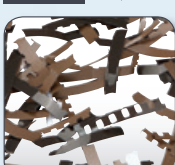

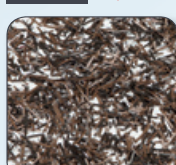
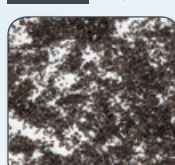

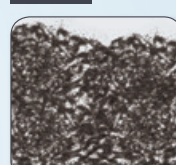
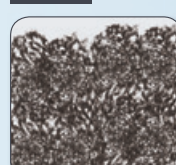





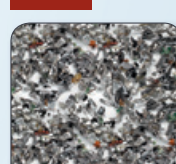
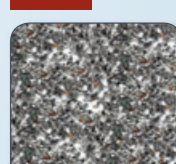
For **strictly confidential** data with the highest security precautions e.g. secret service or military sectors

## Would you like more information on data protection?

- For more information on the DIN 66399, go to [www.hsm.eu/din-en](http://www.hsm.eu/din-en)
- Our data protection consultants would be glad to offer you personal advice on our **free advisory hotline: 00800 44 77 77 66 (GER, AT, BE, NE, LUX, DK)** or use the contact form at [http://en.hsm.eu/contact\\_en](http://en.hsm.eu/contact_en)
- Or send an email to [DIN@hsm.eu](mailto:DIN@hsm.eu)

**Security levels with widths and particle sizes at a glance:**

All security levels with ✓ are achieved with HSM document shredders.

<b>P-1</b> ✓  Strip width max. 12 mm	<b>P-2</b> ✓  Strip width max. 6 mm	<b>P-3</b> ✓  Particle size max. 320 mm <sup>2</sup>	<b>P-4</b> ✓  Particle size max. 160 mm <sup>2</sup>	<b>P-5</b> ✓  Particle size max. 30 mm <sup>2</sup>	<b>P-6</b> ✓  Particle size max. 10 mm <sup>2</sup>	<b>P-7</b> ✓  Particle size max. 5 mm <sup>2</sup>
<b>O-1</b> ✓  Particle size max. 2000 mm <sup>2</sup>	<b>O-2</b> ✓  Particle size max. 800 mm <sup>2</sup>	<b>O-3</b> ✓  Particle size max. 160 mm <sup>2</sup>	<b>O-4</b> ✓  Particle size max. 30 mm <sup>2</sup>	<b>O-5</b> ✓  Particle size max. 10 mm <sup>2</sup>	<b>O-6</b> ✓  Particle size max. 5 mm <sup>2</sup>	<b>O-7</b>  Particle size max. 0.2 mm <sup>2</sup>
<b>T-1</b> ✓  Mechanically inoperable	<b>T-2</b> ✓  Particle size max. 2000 mm <sup>2</sup>	<b>T-3</b> ✓  Particle size max. 320 mm <sup>2</sup>	<b>T-4</b> ✓  Particle size max. 160 mm <sup>2</sup>	<b>T-5</b> ✓  Particle size max. 30 mm <sup>2</sup>	<b>T-6</b> ✓  Particle size max. 10 mm <sup>2</sup>	<b>T-7</b>  Particle size max. 2.5 mm <sup>2</sup>
<b>E-1</b> ✓  Mechanically / electronically inoperable	<b>E-2</b> ✓  Split	<b>E-3</b> ✓  Particle size max. 160 mm <sup>2</sup>	<b>E-4</b> ✓  Particle size max. 30 mm <sup>2</sup>	<b>E-5</b> ✓  Particle size max. 10 mm <sup>2</sup>	<b>E-6</b>  Particle size max. 1 mm <sup>2</sup>	<b>E-7</b>  Particle size max. 0.5 mm <sup>2</sup>
<b>F-1</b> ✓  Particle size max. 160 mm <sup>2</sup>	<b>F-2</b> ✓  Particle size max. 30 mm <sup>2</sup>	<b>F-3</b> ✓  Particle size max. 10 mm <sup>2</sup>	<b>F-4</b> ✓  Particle size max. 2.5 mm <sup>2</sup>	<b>F-5</b>  Particle size max. 1 mm <sup>2</sup>	<b>F-6</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-1</b>  Mechanically/ electronically inoperable	<b>H-2</b>  Damaged	<b>H-3</b>  Deformed	<b>H-4</b> ✓  Split and deformed several times. Particle size max. 2000 mm <sup>2</sup>	<b>H-5</b> ✓  Split and deformed several times. Particle size max. 320 mm <sup>2</sup>	<b>H-6</b>  Split and deformed several times. Particle size max. 10 mm <sup>2</sup>	<b>H-7</b>  Split and deformed several times. Particle size max. 5 mm <sup>2</sup>

# HSM product finder for shredding documents according to DIN 66399



Protection class	Security level	Data media	Home/ Small Office 1 up to 3	Office 1 up to 5	Large Office 5 up to 8	Department 8 up to 15	Industrial more than 15	
1	1	P					Powerline: FA 400	
		O	shredstar: S10, X5, X6pro, X8, X10	SECURIO: B26 shredstar: X10, X15, X6pro, X8pro			Powerline: FA 400, HDS 230	
		T	shredstar: S10				Powerline: FA 400	
		E					Powerline: FA 400	
		F	SECURIO: C16, C18 Classic: 80, 90, 102 shredstar: : X5, X8, X10	SECURIO: AF150, AF300, B22, B26, B32 Classic: 104, 105, 125, 225 shredstar: X10, X13, X15, X6pro, X8pro	SECURIO: AF500, B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44 Classic: 390	Powerline: FA 400, 450 FA 500	
	2	P	SECURIO: C16, C18 Classic: 70, 80, 90, 102 shredstar: S5, S10	SECURIO: B22, B24, B26, B32 Classic: 104, 105, 125	SECURIO: B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44	Powerline: FA 400, FA 500	
		O	SECURIO: C18	SECURIO: B22, B24, B26, B32 Classic: 104, 105, 125	SECURIO: B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44 Classic: 411	Powerline: FA 400, FA 500	
		T	SECURIO: C16, C18 Classic: 90, 102 shredstar: X5, X8, X10	SECURIO: B22, B24, B26, B32 Classic: 104, 105, 125 shredstar: X10, X15, X6pro, X8pro	SECURIO: B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44	Powerline: FA 400, FA 500, HDS 230	
		E	SECURIO: C16, C18 Classic: 90, 102 shredstar: S10, X5, X8, X10	SECURIO: B22, B24, B26, B32 Classic: 104, 105, 125 shredstar: X10, X13, X15, X6pro, X8pro	SECURIO: B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44 Classic: 411	Powerline: FA 400, FA 500, HDS 230	
		F	SECURIO: C18 shredstar: X6pro	SECURIO: AF150, AF300, B22, B24, B26, B32 Classic: 104, 105, 125, 225	SECURIO: AF500, B34, B35 Classic: 225	SECURIO: P36, P40, P44 Classic: 390, 411	Powerline: 450, FA 500	
2	3	P		Classic: 104, 105, 125		Classic: 411	Powerline: FA 400, FA 500	
		O		SECURIO: AF150, AF300, B24, B26, B32 Classic: 225 shredstar: X13	SECURIO: AF500, B34, B35 Classic: 225	SECURIO: P36, P40, P44 Classic: 390	Powerline: FA 400, 450, FA 500, HDS 230	
		T				Classic: 411	Powerline: FA 400, HDS 230	
		E	SECURIO: C16, C18	SECURIO: AF150, AF300, B22, B24, B26, B32 Classic: 104, 105, 125, 225	SECURIO: AF500, B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44 Classic: 390	Powerline: FA 400, 450, FA 500	
		F		SECURIO: AF150, AF300, B24, B26, B32 Classic: 105, 125, 225	SECURIO: AF500, B34, B35 Classic: 225	SECURIO: P36, P40, P44 Classic: 390, 411		
2	4	P	SECURIO: C16, C18 Classic: 80, 90, 102 shredstar: X5, X8, X10	SECURIO: AF150, AF300, B22, B24, B26, B32 Classic: 104, 105, 125, 225 shredstar: X10, X13, X15, X6pro, X8pro	SECURIO: AF500, B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44	Powerline: FA 400, 450, FA 500	
		O				SECURIO: P36, P40, P44 Classic: 411	Powerline: 450, FA 500	
		T	SECURIO: C16, C18	SECURIO: AF150, AF300, B22, B24, B26, B32 Classic: 104, 105, 125, 225 shredstar: X13	SECURIO: AF500, B34, B35 Classic: 225, 386	SECURIO: P36, P40, P44 Classic: 390	Powerline: FA 400, 450, FA 500	
		E	SECURIO: C18	SECURIO: AF150, AF300, B22, B24, B26, B32 Classic: 104, 105, 125, 225	SECURIO: AF500, B34, B35 Classic: 225	SECURIO: P36, P40, P44 Classic: 390, 411	Powerline: 450, FA 500	
		F		Classic: nanoshred 726				
		H					Powerline: HDS 230	
	4	5	P	SECURIO: C18 shredstar: X6pro	SECURIO: AF150, AF300, B22, B24, B26, B32 Classic: 104, 105, 125, 225	SECURIO: AF500, B34, B35 Classic: 225	SECURIO: P36, P40, P44 Classic: 390, 411	Powerline: 450, FA 500
			O				Classic: 411	
			T	SECURIO: C18	SECURIO: AF150, AF300, B22, B24, B26, B32 Classic: 104, 105, 125, 225	SECURIO: AF500, B34, B35 Classic: 225	SECURIO: P36, P40, P44 Classic: 411	Powerline: 450, FA 500
			E				Classic: 411	
2	6	P		SECURIO: AF150, AF300, B22, B24, B26, B32	SECURIO: AF500, B34, B35	SECURIO: P36, P40, P44		
		T				SECURIO: P36, P40, P44		
		O				SECURIO: P36, P40, P44		
2	7	P		SECURIO: B24, B26, B32	SECURIO: B34, B35	SECURIO: P36, P40, P44		