

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



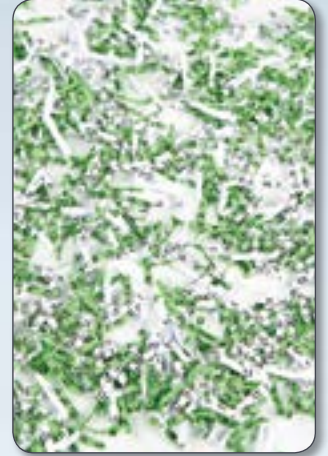
**P-1** Strip width  
max. 12 mm



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



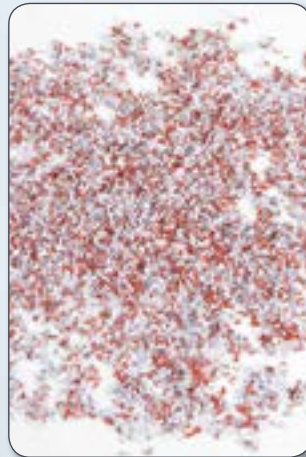
**P-3** Particle size  
max. 320 mm<sup>2</sup>



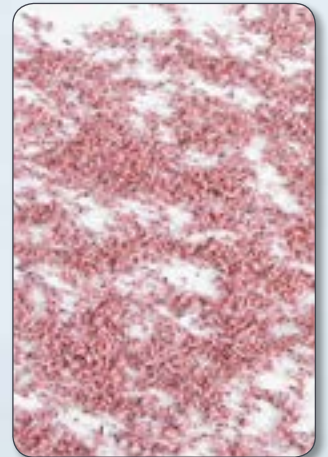
**P-4** Particle size  
max. 160 mm<sup>2</sup>



**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...

### 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.

### 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>	<b>General</b> documents to be rendered illegible or invalidated, for instance old advertising material such as catalogues, brochures
<b>Security level 2</b>	<b>Internal</b> documents to be rendered illegible or invalidated, for instance internal company communication, such as out-of-date instructions, travel guidelines, notices, forms
<b>Security level 3</b>	Data media with <b>sensitive</b> and confidential data as well as <b>personal</b> data subject to <b>high</b> 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 <b>sensitive</b> and confidential data as well as <b>personal</b> data subject to <b>high</b> 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 <b>fundamental importance</b> 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 <b>extraordinary security precautions</b> , e.g. research and development documents, official areas
<b>Security level 7</b>	For <b>strictly confidential</b> data with the highest security precautions e.g. secret service or military sectors

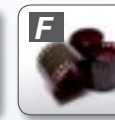
Security levels with widths and particle sizes at a glance:  
All security levels with ✓ are achieved with HSM document shredders.

<b>P-1</b> ✓	<b>P-2</b> ✓	<b>P-3</b> ✓	<b>P-4</b> ✓	<b>P-5</b> ✓	<b>P-6</b> ✓	<b>P-7</b> ✓
Strip width max. 12 mm	Strip width max. 6 mm	Particle size max. 320 mm²	Particle size max. 160 mm²	Particle size max. 30 mm²	Particle size max. 10 mm²	Particle size max. 5 mm²
<b>O-1</b> ✓	<b>O-2</b> ✓	<b>O-3</b> ✓	<b>O-4</b> ✓	<b>O-5</b> ✓	<b>O-6</b> ✓	<b>O-7</b>
Particle size max. 2000 mm²	Particle size max. 800 mm²	Particle size max. 160 mm²	Particle size max. 30 mm²	Particle size max. 10 mm²	Particle size max. 5 mm²	Particle size max. 0.2 mm²
<b>T-1</b> ✓	<b>T-2</b> ✓	<b>T-3</b> ✓	<b>T-4</b> ✓	<b>T-5</b> ✓	<b>T-6</b> ✓	<b>T-7</b>
Mechanically inoperable	Particle size max. 2000 mm²	Particle size max. 320 mm²	Particle size max. 160 mm²	Particle size max. 30 mm²	Particle size max. 10 mm²	Particle size max. 2.5 mm²
<b>E-1</b> ✓	<b>E-2</b> ✓	<b>E-3</b> ✓	<b>E-4</b> ✓	<b>E-5</b> ✓	<b>E-6</b>	<b>E-7</b>
Mechanically / electronically inoperable	Split	Particle size max. 160 mm²	Particle size max. 30 mm²	Particle size max. 10 mm²	Particle size max. 1 mm²	Particle size max. 0.5 mm²
<b>F-1</b> ✓	<b>F-2</b> ✓	<b>F-3</b> ✓	<b>F-4</b> ✓	<b>F-5</b>	<b>F-6</b>	<b>F-7</b>
Particle size max. 160 mm²	Particle size max. 30 mm²	Particle size max. 10 mm²	Particle size max. 2.5 mm²	Particle size max. 1 mm²	Particle size max. 0.5 mm²	Particle size max. 0.2 mm²
<b>H-1</b>	<b>H-2</b>	<b>H-3</b>	<b>H-4</b> ✓	<b>H-5</b> ✓	<b>H-6</b>	<b>H-7</b>
Mechanically/electronically inoperable	Damaged	Deformed	Split and deformed several times. Particle size max. 2000 mm²	Split and deformed several times. Particle size max. 320 mm²	Split and deformed several times. Particle size max. 10 mm²	Split and deformed several times. Particle size max. 5 mm²

### 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)

# HSM product finder for shredding documents according to DIN 66399



Protection class	Security level	Data media	Home office 1 to 3 people	Workplace for up to 8 people	Large office for up to 15 people	Archives / large bulks for more than 15 people	
1	1	P	shredstar: S5, S10			Powerline: FA 400	
		O		shredstar: X10, X15, X18, X6pro, X8pro		Powerline: FA 400	
		T				Powerline: FA 400	
		E				Powerline: FA 400	
		F	SECURIO: C16, C18 Classic: 80, 90, 102	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225 shredstar: MultiShred, X5, X10, X15, X18, X6pro, X8pro	SECURIO: P36, P40, P44 Classic: 386, 390	Powerline: FA 400, 450 FA 500	
	2	P	SECURIO: C16, C18, Classic: 70, 80, 90, 102	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225	SECURIO: P36, P40, P44 Classic: 386, 390, 411	Powerline: FA 400, FA 500	
		O	SECURIO: C18	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225	SECURIO: P36, P40, P44 Classic: 386, 390, 411, 412	Powerline: FA 400, FA 500	
		T	SECURIO: C16, C18 Classic: 90, 102	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225 shredstar: X6pro, X8pro, X10, X15, X18	SECURIO: P36, P40, P44 Classic: 386, 390, 411	Powerline: FA 400, FA 500 HDS 230	
		E	SECURIO: C16, C18 Classic: 90, 102	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225 shredstar: X6pro, X8pro, X10, X15, X18	SECURIO: P36, P40, P44 Classic: 386, 390, 411, 412	Powerline: FA 400, FA 500 HDS 230	
		F	SECURIO: C18	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225	SECURIO: P36, P40, P44 Classic: 386, 390, 411	Powerline: 450, FA 500	
	3	P	Classic: 102	Classic: 104, 105, 125, 225	Classic: 411, 412	Powerline: FA 400, FA 500	
		O		SECURIO: B24, B26, B32, B34, B35 shredstar: MultiShred	SECURIO: P36, P40, P44 Classic: 390	Powerline: HDS 230, FA 400, 450 FA 500	
		T			Classic: 411, 412	Powerline: FA 400, FA 500 HDS 230	
		E	SECURIO: C16, C18	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225 shredstar: MultiShred	SECURIO: P36, P40, P44 Classic: 386, 390	Powerline: FA 400, 450 FA 500	
		F		SECURIO: B24, B26, B32, B34, B35 Classic: 105, 125, 225	SECURIO: P36, P40, P44 Classic: 390, 411		
	2	4	P	SECURIO: C16, C18 Classic: 80, 90, 102	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225 shredstar: MultiShred, X5, X10, X15, X18, X6pro, X8pro	SECURIO: P36, P40, P44 Classic: 386, 390	Powerline: FA 400, 450 FA 500
			O			SECURIO: P40, P44, Classic: 411	Powerline: 450, FA 500
			T	SECURIO: C16, C18	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225 shredstar: MultiShred	SECURIO: P36, P40, P44 Classic: 386, 390	Powerline: FA 400, 450 FA 500
			E	SECURIO: C18	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225	SECURIO: P36, P40, P44 Classic: 386, 390, 411	Powerline: 450, FA 500
			F		Classic: nanoshred 726	Classic: nanoshred 726	
H						Powerline: HDS 230	
3	5	P	SECURIO: C18	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225	SECURIO: P36, P40, P44 Classic: 386, 390, 411	Powerline: 450, FA 500	
		O			Classic: 411		
		T	SECURIO: C18	SECURIO: B22, B24, B26, B32, B34, B35 Classic: 104, 105, 108, 125, 225	SECURIO: P36, P40, P44 Classic: 386, 390, 411	Powerline: 450, FA 500	
		E			SECURIO: P36, P40, P44 Classic: 411		
		H				Powerline: HDS 230	
6	6	P		SECURIO: B24, B26, B32, B34, B35 Classic: 105, 125, 225	SECURIO: P36, P40, P44 Classic: 390, 411		
		T			SECURIO: P36, P40, P44 Classic: 411		
		O			SECURIO: P36, P40, P44		
7	7	P		SECURIO: B24, B26, B32, B34, B35 Classic: 125, 225	SECURIO: P36, P40, P44 Classic: 390, 411		