

KLINGSPOR manufactures a very large programme of high-quality abrasive products for the strips/sheets and discs product sectors.

Applications strips / sheets / discs with paper backing						
Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel, stainless steel	PS 61 FK	Ceramic aluminium oxide	F-paper	●	Close coating, strong backing and micro-crystalline, self-sharpening ceramic grain provide an aggressive grinding behaviour on steel and stainless steel	133
Wood	PS 22 F ACT	Aluminium oxide	F-paper	●	Close coating for maximum stock removal and uniform scratch pattern regarding surface treatment of hard, low-content woods. ACT and antistatic properties prevent premature clogging	111, 126
	PS 30 D	Aluminium oxide	D-paper	○	Economical abrasive paper for versatile applications in the processing of wood and paint	111
	PL 31 B	Aluminium oxide	B-paper	○	Flexible finishing paper with an optimal price-performance ratio for a wide range of applications for the processing of wood, paint and varnish. Provides a smooth surface finish	112
Paint, varnish, filler	PS 33 B/C	Al. oxide	B/C-paper	○	High-quality abrasive paper, especially suited for paint, varnish and filler	113, 119, 131
	PS 73 BW	Aluminium oxide	B-paper	○	High-quality abrasive paper, especially suited for the processing of paint, varnish and filler, with a special coating for a long service life	114, 135
	FP 73 WK	Aluminium oxide	Film	○	Special product with very tear-resistant film backing for the processing of paint, varnish and filler with high service life through additional special coating	134
	PS 11 A/C	SiC	A/C-paper	●	High-quality, highly flexible, waterproof abrasive paper for working on paint, varnish and filler especially in the car repair sector	109, 110, 126
	PS 8 A/C	SiC	A/C-paper	●	Very flexible, waterproof abrasive paper for processing paint, varnish and filler predominantly in the sector of car repair and body paint	108, 109

Applications strips / sheets / discs with cloth backing						
Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel, metals	KL 361 JF	Aluminium oxide	JF-cotton	●	High-quality, highly flexible abrasive cloth for versatile applications in the metal processing industry, also suitable for stainless steel	115
	KL 371 X	Al. oxide	X-cotton	●	Economical universal product for surface grinding in metal processing	116
	KL 385 JF	Aluminium oxide	JF-cotton	●	Highly flexible universal product for the metal processing industry, good price-performance ratio	117

Applications non-woven web hand pads and discs, abrasive block and abrasive sponge						
Application	Type	Grain	Backing	Coating	Characteristics	Page
Stainless steel	NPA 400	Aluminium oxide / SiC	Non-woven web with polyester lining		Grinding fleece, excellently suited to deburring, cleaning and surface finishing	121
	NDS 800	Aluminium oxide	Non-woven web with polyester lining		Premium non-woven web disc with extra strong edges for demanding applications. Suited to rough cleaning work, deburring and working on weld seams	139
	SV 484	Aluminium oxide	Non-woven web with polyester lining		Standard non-woven web disc, superb value for money for finishing surfaces, slightly contoured surfaces	139
Paint, varnish, filler	SK 500	Aluminium oxide	Sponge	●	Abrasive block coated on four sides for fine work on contoured and flat surfaces. The abrasive block is robust, can be washed and reused. It is suitable for wet and dry grinding	121
	SW 501	Aluminium oxide	Sponge	●	Highly-flexible hand grinding tool. Abrasive sponge coated on two sides with plastic foam core. Resistant to creases and breaks, can be washed and reused. Suitable for dry and wet grinding	122
	SW 502	SiC	Sponge	●	Structure like SW 501, though with more aggressive SiC grit	122

● = close   ○ = semi-open   ○ = open

Paper	
A	approx. 95 g/m <sup>2</sup>
B	approx. 105 g/m <sup>2</sup>
C	approx. 110 g/m <sup>2</sup>
D	approx. 130 g/m <sup>2</sup>
E	approx. 250 g/m <sup>2</sup>
F	approx. 300 g/m <sup>2</sup>

Cloth	
X	Cloth, heavy
J	Cloth, light
JF	Cloth, light, highly flexible

### Strips/Sheets

- for general use for free-hand grinding and sanding and for use with hand held power tools
- specially designed for particular materials (e.g. wood, metal, etc.)
- special sizes available on request
- for wet and dry grinding
- paper or cloth backed

### Discs

- for general use with many types of machines
- special designs with a wide range of hole patterns
- various sizes on customer's request
- for wet and dry grinding
- backings: Paper and nylon fleece
- self-fastening products
- suitable backing plate for angle grinder / orbital sander

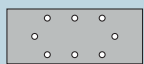

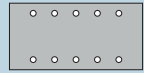
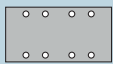
### Hole patterns for strips

KLINGSPOR offers a wide range of products with hole patterns for dust extraction. The hole pattern you require depends on the machine you are using. The chart below shows the most popular types of machines and the required hole pattern.

You will find the available hole patterns marked in the tables on the following product pages.

If the product you require is not in stock, we will manufacture it for you subject to a minimum order quantity.

#### Other hole patterns available on request!

	<b>GL 1</b>	115 x 280 mm 10 holes Ø 10 mm
	<b>GL 3</b>	93 x 230 mm 8 holes Ø 10 mm
	<b>GL 9</b>	93 x 230 mm 8 holes Ø 10 mm
	<b>GL 11</b>	115 x 280 mm 14 holes Ø 10 mm
	<b>GL 13</b>	115 x 280 mm 8 holes Ø 10 mm
	<b>GL 15</b>	115 x 230 mm 10 holes Ø 10 mm
	<b>GL 17</b>	93 x 180 mm 8 holes Ø 10 mm
	<b>GL 18</b>	80 x 133 mm 8 holes Ø 10 mm

### Minimum order quantities for manufactured items

Design	Backing paper	Backing cloth	Dimensions	Minimum order quantity
Sheets	PS 11 A, PS 11 C, PS 30 D, PL 31 B, PS 33 B, PS 33 C, PS 73 BW	KL 361 JF, KL 371 X, KL 385 JF	230 x 280 mm	250 pieces
			230 x 280 mm	250 pieces
Strips	PS 11 A, PS 11 C; PS 22 F ACT, PS 30 D, PL 31 B	KL 361 JF, CS 310 X	70 x 450 mm	500 pieces
			115 x 140 mm	1.000 pieces
			93 x 230 mm	600 pieces
			115 x 280 mm	500 pieces
Self-fastening products	PS 22 K, PS 33 BK, PS 33 CK, PS 73 BWK		70 mm wide	500 pieces
			80 mm wide	500 pieces
			93 x 230 mm	500 pieces
			100 mm wide	500 pieces
			115 mm wide	500 pieces
Sheets exceeding 230 x 280 mm	PS 22 F ACT	KL 361 JF, CS 310 X	from 230 x 280 mm	100 pieces
Large sheets		CS 411 Y	1400 x 1540 mm	20 pieces

## KLINGSPOR Strips for every tool

Please contact KLINGSPOR if you cannot find the machine used by you on this list. We will be pleased to assist you further.



Manufacturer	Type	Size in mm	Hole pattern	Design
AEG power tools	FS 2	80 x 133	GL 18	self-fastening
	VS/E 230, VSS/E 260	93 x 180	GL 17	self-fastening
	VSSE 260, VSS 260	93 x 230	GL 9	for clamping
	FDS 140	115 x 140	GL 38	for clamping
	FDS 140	115 x 140	GL 39	self-fastening
	VSS 20, VSSE 230, VS 280, VSE 280, VSSE 280	115 x 230	GL 16	self-fastening
	VSS 20, VSSE 20, VS 280, VSSE 280	115 x 280	blank	for clamping
Atlas Copco	VSS/E 20, VS/E 280, VSSE 280	115 x 280	GL 11	for clamping
	VS 11	80 x 133	GL 18	self-fastening
	VSS 20, VSSE 20	115 x 230	GL 16	self-fastening
	VSS 20, VSSE 20	115 x 280	GL 11	self-fastening
	LSO30 H070-3, LSO30 S070-3	93 x 180	blank	for clamping
Black & Decker	LSO31 H070-3, LSO31 S070-3, LSO32 H070-3, LSO32 S070-3	93 x 180	GL 3	for clamping
	P 63-01	80 x 133	GL 18	self-fastening
	KA 330 EKA	90 x 190	GL 4	self-fastening
	KA 175, KA 186, KA 186 E	93 x 180	GL 17	self-fastening
	KA 320 EKA	93 x 190	GL 4	self-fastening
	KA 320 EKA, KA 300	93 x 230	GL 3	for clamping
	BD 175, BD 180 E, DN 41 AE, DN 180 E, KA 185, KA 185 E, KC 185 E	93 x 230	GL 9	for clamping
	KC 962, VB 135 A, CD 400, BN 41 AE	93 x 230	GL 9	for clamping
	KA 185, KA 185 E	93 x 230	blank	for clamping
	KA 273	115 x 230	GL 16	self-fastening
	P 63-03, P 63-04, P 63-05, BD 273, SR 410	115 x 280	blank	for clamping
	P 63-03, P 63-04, P 63-05, KA 273, SR 410 E, BD 273, DN 41, BD 175, BD 180 E	115 x 280	GL 11	for clamping
	VB 135A, DN 180E, KA 185E, KC 962, DN 49, DN 273, VB 250 E, KA274EKA	115 x 280	GL 11	for clamping
Bosch	PSS 240 A, PSS 240 AE, GSS 16 A	80 x 133	GL 18	self-fastening
	GSS 23 AE, GSS 230 A, GSS 230 AE, PSS 22, PSS 23, PSS 23 AE	93 x 180	GL 17	self-fastening
	PSS 23 A, PSS 180, PSS 240, PSS 180 A, PSS 240 A, PSS 240 AE	93 x 180	GL 17	self-fastening
	GSS 230 AVE Professional	93 x 185	GL 10	self-fastening
	PSS 250 AE, PSS 200 A	93 x 190	GL 10	self-fastening
	PSS 240 A, PSS 240 AE, GSS 23, GSS 23 AE, GSS 230 AE, GSS 230 AVE Professional	93 x 230	GL 9	for clamping
	PSS 22, PSS 23 A, PSS 230, PSS 23, PSS 23 AE, PSS 250 AE,	93 x 230	GL 9	for clamping
	GSS 23, GSS 23 AE, GSS 230 AE, PSS 22, PSS 23, PSS 23 A, PSS 23 AE, PSS 230	93 x 230	blank	for clamping
	GSS 140 A	115 x 107	GL 37	self-fastening
	1289 D	115 x 115	blank	self-fastening
	GSS 140 A	115 x 140	GL 38	for clamping
	GSS 28/A, GSS 280 A/AE, PSS 28 AE/280 AE, PSS 300 AE, GSS 280 AVE Professional	115 x 230	GL 16	self-fastening
	GSS 28, PSS 28 AE, PSS 280 AE, GSS 280 AE	115 x 280	blank	for clamping
	GSS 28, PSS 28 AE, PSS 280 AE, GSS 280 AE, PSS 300 AE, GSS 280 AVE Professional	115 x 280	GL 11	for clamping
	Casals	KLR 210, VLR 210, BLR 170	93 x 180	GL 17
BLR 250, VLR 300		115 x 230	GL 16	self-fastening
LN 216, LR 228		115 x 280	blank	for clamping
DeWalt, ELU	D26423, D 26422	93 x 230	GL 3	self-fastening
	D26441	108 x 115	GL 20	self-fastening
	DW634, DW636, VS 41, VS 71	115 x 230	GL 16	self-fastening
	VS 71	115 x 280	blank	for clamping
	DW634, DW636, VS 41, VS 71	115 x 280	GL 1	for clamping
	D26420, D26421	115 x 280	GL 1	self-fastening
	D26441	140 x 115	GL 33	for clamping
Einhell	EST 170	93 x 180	GL 17	self-fastening
	BSS 150, BT-OS 150	93 x 230	GL 3	for clamping
	RT-OS 30, BT-OS 280 E	115 x 230	GL 15	self-fastening
	ERU 270	115 x 230	GL 16	self-fastening
	RT-OS 30, BT-OS 280 E	115 x 280	GL 1	for clamping
	SS-G 270, BSS 250	115 x 280	GL 13	for clamping



Manufacturer	Type	Size in mm	Hole pattern	Design
Fein	MSs 641 a, MSs 641 b	115 x 230	GL 16	self-fastening
	MSs 641 a, MSs 641 b	115 x 280	GL 11	for clamping
	MSs 641 a, MSs 641 b	115 x 280	GL 11	self-fastening
Felisatti	TP 31 E	80 x 133	GL 18	self-fastening
	TP 115/350 VE, TP 517/AS	115 x 280	blank	for clamping
Festool	RS 4, RS 4 E, RS 4 - STF, RS 4 E - STF, RS 400, RS 400 Plus, RTS 400 (EQ-Plus, EQ, Q-Plus, Q)	80 x 133	GL 18	self-fastening
	RS 3 - STF, RS 4 E - STF, RS 4, RS 4 E	80 x 165	GL 8	for clamping
	RS 3, RS 3 Plus, RS 3 E, RS 3 E Plus, RS 3 - STF, RS 3 E - STF, RS 300, RS 300 Q/EQ	93 x 180	GL 17	self-fastening
	RS 3 - SFE, RS 3 E - SFE, LRS 93	93 x 180	GL 17	self-fastening
	RS 3 - STF, RS 3 E - STF	93 x 230	blank	for clamping
	RS 3 - STF, RS 3 E - STF	93 x 230	GL 9	for clamping
	RS 1, RS 2, RS 2 E, LRB - IAS, RS 200, RS 100C, RS 100 CQ, RS 200 Q/EQ	115 x 230	GL 15	self-fastening
	RS 2 - STF, RS 2 E - STF, RS 1 - STF, RS 2, RS 2 E	115 x 230	GL 16	self-fastening
	RS 2 - STF, RS 2 E - STF, RS 1 - STF	115 x 280	blank	for clamping
	RS 2 - STF, RS 2 E - STF, RS 1 - STF	115 x 280	GL 11	for clamping
Flex	OS 80-2, OSE 80-2	80 x 133	GL 18	self-fastening
	MS 713	115 x 105	GL 43	self-fastening
HILTI	WFO 280	115 x 280	GL 1	for clamping
	WFO 280	115 x 230	GL 15	self-fastening
Hitachi	SV 8 SA	80 x 133	GL 18	self-fastening
	FS 10 SB	93 x 180	GL 17	self-fastening
	SV 12 SG	114 x 104	GL 19	self-fastening
	SV 12 SF	115 x 115	GL 20	self-fastening
	SV 12 SD, SV 12 V	115 x 230	GL 16	self-fastening
HOLZ HER	2436, 2437	93 x 180	GL 6	self-fastening
	2440	115 x 230	GL 15	self-fastening
	2441	115 x 230	GL 16	self-fastening
Kress	CRS 6165 A, CRS 6175 EA, 250 RSE Set, 300 RSE	115 x 230	GL 16	self-fastening
	CRS 6165 A, CRS 6175 EA, 250 RSE Set, 300 RSE	115 x 280	GL 11	for clamping
Mafell	UVA 115 E	115 x 230	GL 11	self-fastening
	U 115E, UK 115/ 115 E	115 x 230	GL 15	self-fastening
	U 115, U 115 E	115 x 230	GL 16	self-fastening
	U 115E, UK 115/ 115 E	115 x 280	GL 1	for clamping
Makita	BO 3700, BO 3711	93 x 230	GL 9	for clamping
	BO 4554, BO 4556, BO 4565, BO 4555, BO 4566	115 x 103	GL 19	self-fastening
	9045 B, 9045 N, 9046, BO 4900V	115 x 230	GL 16	self-fastening
	BO 4556, BO 4558, BO 4555	115 x 140	GL 38	for clamping
	BO 4901, 9046	115 x 280	blank	for clamping
	9046, BO 4900V	115 x 280	GL 11	for clamping
Metabo	SR 4350	93 x 180	GL 17	self-fastening
	SRE 4350 TURBOTEC	93 x 185	GL 10	self-fastening
	SR 221, SR 321, SR 4320, SFE 227, SF 226	93 x 230	blank	for clamping
	SR 226, SRE 227, SR 180 INTEC, SRE 4350 TURBOTEC	93 x 230	GL 9	for clamping
	SRE 357, SR 356, SR 10-23, SR 10-23 Intec, SR 20-23	93 x 230	blank	for clamping
	SR 216, SRE 217, SRA 60	115 x 115	GL 20	self-fastening
	FSR 200 INTEC	115 x 103	GL 19	self-fastening
	SR 358, SRE 359, SR 4351, SRE 4351 TURBOTEC	115 x 230	GL 16	self-fastening
	SR 328, SRE 329, SR 4321, SR 358, SRE 359	115 x 280	blank	for clamping
	SR 328, SRE 329, SR 4321, SR 358, SRE 359, SRE 4351 TURBOTEC	115 x 280	GL 11	for clamping
Milwaukee	POS 13	80 x 133	GL 18	self-fastening
Peugeot	PV 240 A, TV 4102	93 x 180	GL 17	self-fastening
	TV 4003, TV 4103	115 x 230	GL 16	self-fastening
Ryobi	ESS 2590	93 x 180	GL 17	self-fastening
	ESS 200 RS	93 x 185	GL 10	self-fastening
	ESS 1890 C	93 x 190	GL 10	self-fastening
	S 35, NS 40, NS 40 I, NS-801	93 x 230	blank	for clamping
	S 35, NS-40I, NS 801, NS 40, ESS 1890 C, ESS 2590, ESS 200 RS, ESS 280 RV	93 x 230	GL 9	for clamping
	EOS 2410	115 x 110	GL 29	self-fastening
	NS-6200, NS 6300 A, ESS 3215 V	115 x 230	GL 16	self-fastening
	NS 6300 A	115 x 280	blank	for clamping
ESS 3215 VHG	115 x 280	GL 11	for clamping	
SKIL	7300, 7300 S, 7330, 7390, 7395, 7365 AA	93 x 180	GL 17	self-fastening
	7366 AA, 7351 AA, 7346 AA, 7346, 7361 AB	93 x 190	GL 10	self-fastening
	7315, 7320, 7330, 7365 AA, 7366 AA, 7351 AA, 7346 AA, 7346, 7361 AB	93 x 230	GL 9	for clamping
	7314 MA	115 x 110	GL 29	self-fastening
	7312 AA, 7314 MA	115 x 140	GL 38	for clamping
	666, 7381 MA	115 x 230	GL 16	self-fastening
	7381 MA	115 x 280	GL 11	for clamping