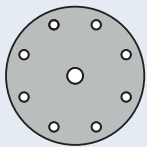


Hole patterns for discs

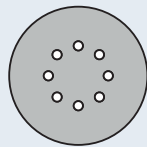
KLINGSPUR offers a wide range of products with hole patterns for dust extraction.

Which hole pattern you need depends on the machine being used. The chart alongside shows the most popular types of machines and the required hole pattern.

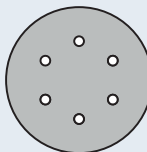
You will find the available hole patterns marked in the tables on the following product pages.



GLS 1
 Ø 150 mm
 8 holes Ø 10 mm
 on hole circle Ø 120 mm
 + 1 centre hole Ø 17 mm



GLS 2
 Ø 150 mm
 8 holes Ø 10 mm
 on hole circle Ø 65 mm



GLS 3
 Ø 150 mm
 6 holes Ø 10 mm
 on hole circle Ø 80 mm



GLS 4
 Ø 115 mm
 8 holes Ø 10 mm
 on hole circle Ø 65 mm

Other hole patterns available on request!



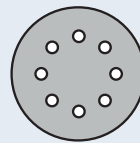
0 = no hole



10 = round hole



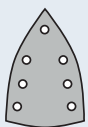
30 = star-shaped hole



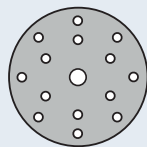
GLS 5
 Ø 125 mm
 8 holes Ø 10 mm
 on hole circle Ø 65 mm



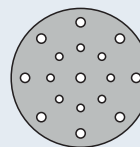
GLS 15
 Triangular Ø 96 mm
 6 holes Ø 8 mm
 on hole circle Ø 52 mm



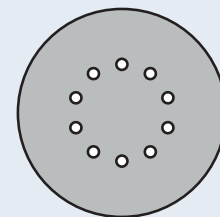
GLS 24
 98 x 148 mm
 7 holes Ø 10 mm



GLS 47
 Ø 150 mm
 8 holes Ø 9 mm
 on hole circle Ø 120 mm,
 6 holes Ø 9 mm
 on hole circle Ø 80 mm
 + 1 centre hole Ø 17 mm



GLS 51
 Ø 150 mm
 8 holes Ø 10 mm
 on hole circle Ø 120 mm,
 8 holes Ø 8 mm
 on hole circle Ø 65 mm
 + 1 centre hole Ø 10 mm



GLS 52
 Ø 225 mm
 10 holes Ø 12 mm
 on hole circle Ø 105 mm

Minimum order quantities for manufactured items

Design	Diameter	Backing paper	Minimum order quantities	Backing cloth	Minimum order quantities
Discs standard	up to 125 mm	PS 11 C, PS 22 F ACT	1,000 pieces	CS 310 X, CS 321 X	1,000 pieces
	up to 200 mm		500 pieces		500 pieces
	up to 400 mm		200 pieces		200 pieces
	up to 600 mm		100 pieces		100 pieces
	over 600 mm		25 pieces		25 pieces
Discs self-fastening	up to 125 mm	PS 21 FK, PS 22 K, PS 33 BK/CK, PS 61 FK PS 73 BWK/CWK FP 73 WK	1,000 pieces	CS 411 XK	1,000 pieces
	up to 200 mm		500 pieces		500 pieces
	up to 400 mm		200 pieces		200 pieces
	up to 600 mm		100 pieces		100 pieces
	over 600 mm		25 pieces		25 pieces

Orbital and delta sanders

Manufacturer	Type	Size in mm	Hole pattern
AEG powertools	Delta DSE 260	105x105x105	GLS 17
	FS 2 D	98 x 148	GLS 24
	EX 400, EXE 400, EX 450, EXE 460-125, EX 125 E, EX 125 ES	125	GLS 5
	EXE 450	convertible to 125	GLS 5
	EXE 450	150	GLS 2 (7)
	EXE 460 - 150, ROS 150 E, EX 150 E	150	GLS 3
	EX/E 450	150	GLS 7
Atlas Copco	LST 21 R350, LST 22 R350, LST 22 R325, LST 20 R350	90	GLS 41
	VS 11 D	98 x 148	GLS 24
	LST 30 H90-11	115	blank
	LST 20 R525, LST 20 R550	125	blank
	LST 21 R525, LST 21 R550, LST 22 R525, LST 22 R550	125	GLS 5
	TXE 150	convertible to 125	GLS 5
	LST 20 R625, LST 20 R650, LST 30 H090-15, LST 30 S090-15	150	blank
	ROS 150 E, LST 21 R625, LST 21 R650, LST 22 R625, LST 22 R650, LST31 H90-15, LST31 S90-15, LST32 H090-15, LST32 S090-15, LST 22 R625-9, G2438-6.5N Pro, G2438-6.5I Pro, G2438-6.3I Pro, G2438-6.10I Pro, G2438-6.5C Pro, G2438-6.3N Pro, G2438-6.3C Pro, G2438-6.10N Pro, G2438-6.10C Pro, G2438-10Velcro6 Pro, LST 22 R650-9	150	GLS 3
	TXE 150	150	GLS 7
Black & Decker	VP510	96x96x96	GLS 15
	KA 510	94x94x94	GLS 15
	KA 165 GT (mouse)		GLS 25
	KA 230 E		GLS 34
	BD190, BD190 E, BD190S, BD190D, XTA90EK, KS 191 EK, KA 198, KA 190, KA 190 E, KA 190 S, KA 198GT, KA220, KA220G, KA191EK	125	GLS 5
Bosch	Delta GDA 280 E, Delta PDA 100, PDA 10-92, Delta PDA 120 E, Delta PDA 240 E, PDA 180, PDA 180 E	96x96x96	GLS 15
	PEX 11 A, PEX 115, PEX 11 AE	115	GLS 4
	PEX 300 A/AE, GEX 125-150 AVE Professional, PEX 400 AE, PEX 12 A, PEX 12 AE, PEX 125 A-1, PEX 125 AE, PEX 270 A/AE, GEX 125 A, GEX 125 AC, GEX 125-1 AE, PEX 220 A	125	GLS 5
	PEX 15 AE, GEX 150 AE, GEX 150 AC/E, GEX 150 Turbo, PEX 420 AE	150	GLS 3
DeWalt	ES 55 E, DW423, D26453	125	GLS 5
	ES 56 E, ES 56 EK, DW443, D 26410	150	GLS 3
Einhell	DE-G 200 E	94x94x94	GLS 15
	EX 115	115	GLS 4
	EX-G 125 E, BES 125, EX-G 125, BT-RS 420 E, BES 125 E, BRS 380 E	125	GLS 5
Fein	LL 107 VEA	115	blank
	MSf 636-1, M 10000-5, XS 712	125	GLS 5
	MSf 636-1	150	GLS 26
	MSf 649-2 a/b, M 10000-6	150	GLS 2 (7)
	ROT 14-200 E	150	GLS 2
	X 1107 VE	150	GLS 3
	ROT 14-200 E	200	GLS 3
Felisatti	TP 521/AS, TP 521/E, TP 522 AS/CE, RGF 150/600 E	150	GLS 3
Festool	RO 90 DX FEQ-Plus	90	GLS 41
	DS 400, DTS 400	98 x 148	GLS 24
	DX 93	94 x 94 x 94	GLS 16
	ES 125, ES 125 E, ES 125 E-PLUS, ES 125 PLUS	125	GLS 5
	ES 125 EQ-Plus; ES 125 EQ, ES 125 Q-Plus, ES 125 Q, ETS 125, LEX 2 125/3, LEX 1 125/7, LEX 3 125/3, LEX 3 125/5	125	GLS 27
	RO 125 FEQ-Plus	125	GLS 27
	ET 2 E	150	GLS 2
	ET 2 E - Plus, RO 150, RO 150 E, RO 2 E-Plus, LEX 3 150/3, LEX 150, ETS 150/3, ETS 150/5, WTS 150/7 E, WTS 150/7 E-Plus, ETS 150/5 EQ, ETS 150/S EQ-E, ETS 150/S EQ-Plus	150	GLS 1
	Multi-Jetstream (8+8+1)	150	GLS 51

Manufacturer	Type	Size in mm	Hole pattern
Flex	OD 100-2, ODE 100-2	98x148	GLS 24
	XS 712, XS 713	125	GLS 5
	X 1107 VE, XS 1107 VE	150	GLS 3
	ORE 125-2	125	GLS 27
Hilti	WFE 150, WFE 380, WFE 450 E	150	GLS 3
Hitachi	FSV 13 Y, TSV 13 Y, SV 13 YA	125	GLS 5
	SAY 150 A	150	GLS 3
HOLZ HER	2445	150	GLS 7 (1)
Kress	CDS 6425, CDS 6420, CDS 6422 E	105	GLS 17
	CPS 6115-1, 6115 E	115	GLS 4
	CPS 6125-1, CPS 6125 E, CPS 6125 E SET, HEX 1385 E, HEX 6385 E, 300 EXE	125	GLS 5
	900 MPS, 900 HEX /2	150	GLS 3
Mafell	UT 150 E, UX 150 E	150	GLS 1, 3, 47
Makita	BO 4561, BO 4565	96 x 96 x 96	GLS 15
	BO 5000, BO 5010, BO 5041, BO 5031 K, BO 5021, BO 5021 K, BO 5041 K	125	GLS 5
	BO 6030, BO 6040 J	150	GLS 1
Metabo	DS E 130, DS E 170, DS E 180	96x96x96	GLS 15
	DSE 300, DSE 300 Intec, DSE 280 INTEC	94x94x94	GLS 15
	SXE 400	80	GLS 13
	SX E 125, FSX 200 INTEC, SXE 425 TURBOTEC, SX E 425, SXE 325 INTEC	125	GLS 5
	SX E 425 XL, SXE 450 TURBOTEC, SX E 450 Duo	150	GLS 3
Milwaukee	PDS 13, FS 2 D	98 x 148	GLS 24
	PRS 125 E	125	GLS 5
	ROS 150 E	150	GLS 3
Peugeot	PAE 115	115	GLS 4
	PRX 150 E	150	GLS 3
Pro Tool	ESP 150 E	150	GLS 3
Ryobi	ERO 2412V, CRO 180M, ROS 300 A, CRO 180 MHG	125	GLS 5
SKIL	7110 AA, 7115 AA	96x96x96	GLS 15
	7415	115	GLS 4
	7400, 7425, 7430, 7435, 7440 AA, 7460 AA, 7470 MA	125	GLS 5
Stayer	RO 150 E, LRT 150	150	GLS 3
Wegoma	LRE 84 H, RTE84H	125	GLS 5
	RX 91 C, RT188N, RTE46L, RTE146L	150	GLS 3

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

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

