

Coated Abrasives





for an excellent finish



Hermes – the abrasives specialist

SUCCESSFUL IN OVER 100 COUNTRIES.

Since as long ago as 1927, Hermes has been specializing in the production of the latest abrasives, used to manufacture aesthetically convincing surfaces and precision working parts. Continuous research and further development have expanded the range of coated abrasives, which now covers over 150 basic types with over 1,200 variants.

This brochure contains detailed information about the range which Hermes successfully supplies in over 100 countries.

HERMES DEVELOPS PIONEERING PRODUCT SOLUTIONS.

In 1993, Hermes expanded production to include precision bonded abrasives and since then, it has been a complete supplier of high-quality, high-performance abrasives. In addition to our detailed knowledge about raw materials for abrasives and our many years' experience in producing them, we also benefit from in-depth knowledge of the process requirements of users when developing new product solutions.

In the field of backing materials, we have developed new special stitch-bonded cloths characterized by higher tearstrength and reduced stretch compared to conventional cloths.

In Hermes binder technology, the ideal binder structure for each new product is designed from a broad range of raw materials and additives to prevent the workpiece overheating during grinding, for example.

In the sphere of abrasive grain, Hermes research paved the way for development and production of the **microcrystalline aluminium oxide SAPPHIRE BLUE®**. This abrasive grain has considerable performance advantages over conventional grain in both bonded and coated abrasives.

In the **HERMESIT® abrasive system** (coated carrier spheres), we developed a completely new kind of multi-dimensional abrasive. In many metal-processing applications, this system can be used to achieve longer tool life and finer surfaces. Or the **agglomerate type MERCURIT®** with significantly extended lifetime compared to standard abrasives.

THE RESULTS SPEAK FOR THEMSELVES.

The excellent production results, constant high performance and long service life of Hermes abrasives are all convincing features. Our customers can use Hermes abrasives to increase the efficiency of their production and thus save costs. We owe this quality to our leading market position in many sectors such as the steel industry, the automotive industry and its suppliers, the furniture and chip-board industry and the glass and ski industries.

Another thing: Hermes focuses on sustainability and has made its Management System for the areas of quality, environment and energy in accordance with the relevant standards DIN EN ISO 9001/14001/50001.

WHY NOT BENEFIT FROM OUR COMPETENCE?

If you don't treat surface treatment superficially, you are in the best hands. Our technical advisers will be pleased to come to you for a discussion of how we can work together to produce an individual optimization concept for your production process.

Simply call us on **+49 (0)40 8330-0** or send us an E-Mail: **hsd@hermes-schleifmittel.com**

We look forward to meeting you!



































Type	Code	Grain	Backing	Bonding	Grit range																				Delivery form					
					12	16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400		500	600	800	1000	1200
Abrasive cloth																														
RB 306 J-flex	30660	Aluminium oxide	J-flex	R	P																									
RB 317 J-flex-w	31770	Aluminium oxide	J-flex-w	R	P																									
RB 320 X	32020	Aluminium oxide	X	R	P																									
HSB	32220	Aluminium oxide	X	R	P																									
FW 340 X	34000	Aluminium oxide	X	R	P																									
RB 346 MJ	34602	Aluminium oxide	J	R	P																									
RB 346 J-flex	34660	Aluminium oxide	J-flex	R	P																									
RB 346 CX	34662	Aluminium oxide	X	R	P																									
RB 346 X-flex	34670	Aluminium oxide	X-flex	R	P																									
RB 346 74 X-flex Procut	34674	Aluminium oxide	X-flex	RPC																										
RB 377 YX	37710	Aluminium oxide	YX _w	R	+																									
RB 406 J-flex	40660	Aluminium oxide	J-flex	RPC	P																									
RB 417 YX	41710	Aluminium oxide	YX _w	RPC	+																									
RB 346 23 MX	34623	Aluminium oxide + Ceramic grain	X	R	P																									
CR 454 Z	45440	Ceramic grain	Z _w	R	+																									
CR 456 Z	45640	Ceramic grain	Z _w	RPC	+																									
CR 456 J-flex	45660	Ceramic grain	J-flex	RPC	+																									
CN 464 Z	46440	Ceramic grain	Z _w	R	+																									
CN 466 Z	46640	Ceramic grain	Z _w	RPC	+																									
CN 466 X-flex	46670	Ceramic grain	X-flex	RPC	+																									
FL 390 Eco	39000	Zirconia alumina	X	R	#																									
RB 480 24 YX	48024	Zirconia alumina	YX _w	R	+																									
RB 484 44 Z	48444	Zirconia alumina	Z _w	R	+																									
RB 485 Z	48544	Zirconia alumina	Z _w	R	+																									
RB 486 24 YX	48624	Zirconia alumina	YX _w	RPC	+																									
RB 486 44 Z	48644	Zirconia alumina	Z _w	RPC	+																									
RB 486 X-flex	48670	Zirconia alumina	X-flex	RPC	#																									
RB 308 J-flex	30860	Silicon carbide	J-flex	RAS	P																									
RB 315 YX	31510	Silicon carbide	YX _w	R	P																									
RB 319 X-flex	31970	Silicon carbide	X-flex	R	+																									
RB 374 Z	37433	Silicon carbide	Z _w	RAS	+																									
RB 374 90 ZZ	37490	Silicon carbide	ZZ _w	RAS	P																									
RB 375 Y	37530	Silicon carbide	Y _w	R	P																									
MERCURIT® Agglomerate abrasive cloth																														
RB 590 Y	59030	MERCURIT®-Aluminium oxide	Y _w	R	P																									
RB 591 Y	59130	MERCURIT®-Aluminium oxide	Y _w	R	P																									
RB 595 Y	59530	MERCURIT®-Silicon carbide	Y _w	R	P																									
RB 598 Y	59830	MERCURIT®-Silicon carbide	Y _w	R	P																									
HERMESIT® Abrasive cloth																														
RB 530 J	53060	HERMESIT®-Aluminium oxide	J	R	P																									
RB 530 X	53021	HERMESIT®-Aluminium oxide	X	R	P																									
RB 535 X	53521	HERMESIT®-Aluminium oxide	X _w	R	P																									
RB 535 Y	53530	HERMESIT®-Aluminium oxide	Y _w	R	P																									
RB 545 X	54521	HERMESIT®-Silicon carbide	X _w	R	P																									
RB 545 Y	54530	HERMESIT®-Silicon carbide	Y _w	R	P																									

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Key to kind of tool

	Rolls		Discs		Sleeves		LMO	webrax -Flap wheels and rollers with hardpaper tube core
	Sheets, strips, drum covers		Discs with holes		Cones		LMI	webrax -Flap wheels and rollers, impregnated, with hardpaper tube core
	Strips with holes		MULTI HOLE discs		Small grinding tools		LGG	webrax -Laminated wheels, resin foamed reinforced, with center hole or, for small tools, with shaft
	Loadings for sanderheads		Narrow belts		Flap wheels		GWS	webrax -Wheels and rollers convolutely wrappend around a hardpaper tube, resin foamed reinforced
	Sanding sponges		Wide belts		Flap discs		COMBI	webrax -Flap wheels of abrasive web and X-weight abrasive cloth with hardpaper tube core

6

Type	Code	Grain	Backing	Bonding	Grit range																								Delivery form							
					36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	2500	2800		3000	5000					
Waterproof abrasive paper																																				
WA flex 28 B	62810	Aluminium oxide	B _W	R	P																															
WS flex 16	61601	Silicon carbide	B _W	R	P ₊																															
WS flex 18 C	61810	Silicon carbide	C _W	R	P																															
Waterproof abrasive paper, self-stick																																				
WS flex 16 SK	61605	Silicon carbide	B _W	R	P ₊																															
WS flex 16 SK 302	61608	Silicon carbide	B _W	R	P ₊																															
WS flex 18 C SK	61815	Silicon carbide	C _W	R	P																															
Waterproof abrasive paper, velour-backed																																				
WS flex 16 VEL	61607	Silicon carbide	B _W	R	P ₊																															
WS flex 16 VEL Multihole	61609	Silicon carbide	B _W	R	P																															
Abrasive film																																				
FB 637	63700	Aluminium oxide	PES	R	P																															
FB 636	63600	Silicon carbide	PES	R	P																															
Abrasive film, self-stick																																				
FB 637 SK	63705	Aluminium oxide	PES	R	P																															
Sandscreen																																				
GA 92400	92400	Aluminium oxide		R	+																															
GS 91350	91350	Silicon carbide		R	+																															
Sandscreen, velour-backed																																				
GA 92407 VEL	92407	Aluminium oxide		R	+																															
Sanding sponges																																				
White, double-sided	90353	Aluminium oxide	PU-Foam	F																																
FSSA 427, four-sided, super soft	90356	Aluminium oxide	PU-Foam	F																																
Medium, single-sided	90358	Aluminium oxide	PU-Foam	P																																
FHA 427, four-sided, hard	90361	Aluminium oxide	PU-Foam	F																																
Four-sided	90351	Aluminium oxide	PU-Foam	F																																
FSSS 105, single-sided, super soft	90359	Silicon carbide	PU-Foam	F																																
Premium, double-sided	90550	Silicon carbide	PU-Foam	F																																
Sanding sponges, velour-backed																																				
FMA 105, VEL	90357	Aluminium oxide	PU-Foam	P																																

**3 benefits of webrax Non-woven web****1. Backing**

Our non-woven web is manufactured from a special fibre web. During this process, the abrasive grit is firmly anchored by a bond and is correspondingly durable.

The following designs are available:

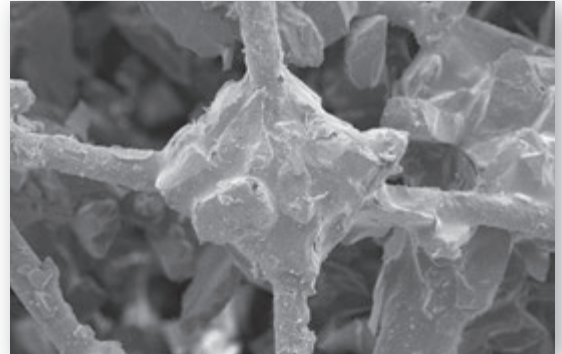
- Non-woven web
- Non-woven web, on X_w-cloth
- Non-woven web, high-density
- Non-woven web, reinforced with cloth
- Non-woven web, reinforced on vulcanized fibre

2. Types of grain

Available in grit range 80 to 1500 we use the following types of grain: Aluminium oxide (Al₂O₃) and Silicon carbide (SiC). **Warning:** Information on grit sizes is not comparable with that relating to abrasive papers.

3. The bonding

The resin bond allows the product to be used under both dry and wet conditions.



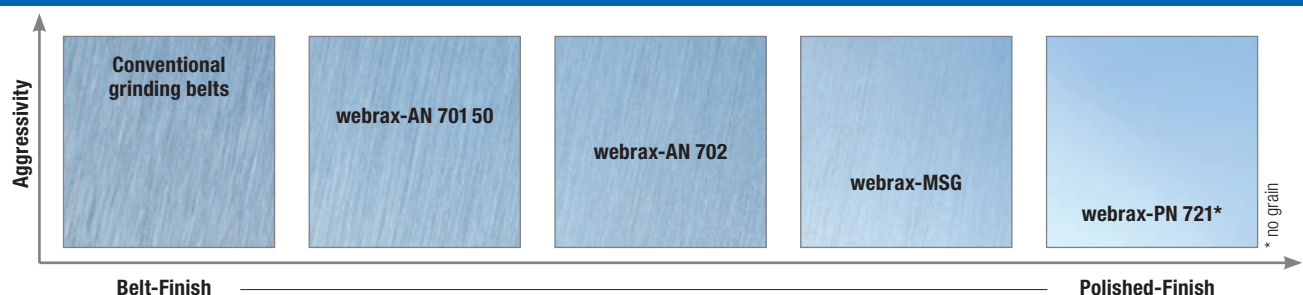
The magnified photograph clearly shows the open structure of **webrax** Non-woven web.










































































Comparison of grit sizes for webrax Non-woven web (incl. details of product colours)

Standard-Hermes	+ 80	+ 100	+ 120	+ 150	+ 180	+ 280	+ 320	+ 400	+ 500	+ 800	without grain
Grit name	coarse	medium		fine		very fine		super fine		ultra fine	
webrax-MAG	brown	—	brown	—	—	—	—	—	—	—	—
webrax-MSG	black	—	—	black	black	black	—	black	black	—	—
webrax-AN 701 50	brown	red	—	—	red/blue	blue	—	—	—	grey	—
webrax-AN 702	brown	brown	—	—	brown	brown	brown	brown	—	—	—
webrax-PN 721	—	—	—	—	—	—	—	—	—	—	yellow

Recommendation cutting speeds v_c (m/s) for grinding dry

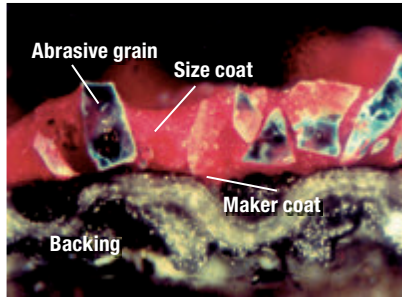
	Steel, Stainless steel, non-ferrous metals				Thermosensitive basic material		
	Fine grinding	Structural grinding	Polishing & Cleaning	Deburring	Wood	Lacquer	Synthetics
webrax Non-woven web discs							
without hole	10 - 25 m/s	10 - 25 m/s	10 - 25 m/s	10 - 25 m/s	10 - 15 m/s	6 - 15 m/s	6 - 15 m/s
with hole	10 - 30 m/s	10 - 30 m/s	10 - 30 m/s	10 - 30 m/s	10 - 15 m/s	6 - 15 m/s	6 - 15 m/s
webrax Non-woven web belts and wide belts							
webrax-MAG, -MSG	5 - 15 m/s	5 - 15 m/s	—	—	5 - 8 m/s	5 - 8 m/s	5 - 8 m/s
webrax-AN 701 50, -AN 702	8 - 22 m/s	5 - 15 m/s	—	—	5 - 15 m/s	5 - 15 m/s	5 - 15 m/s
webrax-PN 721	—	—	10 - 22 m/s	—	—	—	—
webrax Non-woven web discs and rollers							
webrax-LMO	10 - 25 m/s	8 - 15 m/s	10 - 22 m/s	—	—	5 - 10 m/s	5 - 10 m/s
webrax-LMI, -LGG, -GWS	10 - 25 m/s	8 - 15 m/s	10 - 25 m/s	20 - 35 m/s	6 - 15 m/s	—	6 - 15 m/s

Grinding patterns compared using grinding belts, grit size 180

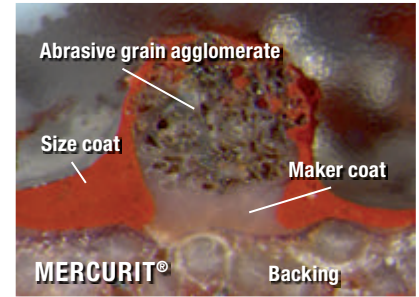
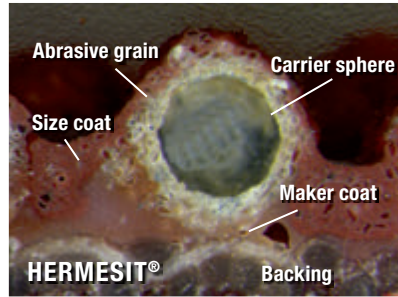
Type	Code	Grain	Backing	Grit range														Delivery form	
				80	100	120	150	180	220	240	280	320	360	400	500	600	800		1000
webrax Non-woven web																			
MAG	70000	Aluminium oxide	Non-woven web on X _w -cloth	+	■	■	■												 
AN 701 50	70150	Aluminium oxide	Non-woven web, reinforced with cloth	+	■	■		■		■									 
		Silicon carbide	Non-woven web, reinforced with cloth												■				
AN 702	70200	Aluminium oxide	Non-woven web, reinforced with cloth	+	■	■		■		■	■	■							  
AN 703 50	70350	Aluminium oxide	Non-woven web, reinforced on vulcanized fibre	+	■	■													
AN 707	70700	Aluminium oxide	Non-woven web, reinforced with cloth	+		■				■									 
AN 707 10	70710	Aluminium oxide	Non-woven web, reinforced with cloth	+		■		■		■									
AN 707 20	70720	Aluminium oxide	Non-woven web, reinforced with cloth	+			■												
OA 708	70800	Aluminium oxide	Non-woven web	+			■	■		■		■							
OA 710	71002	Aluminium oxide	Non-woven web	+	■	■	■			■									 
OA 713	71300	Aluminium oxide	Non-woven web, high-density	+		■		■		■									 
				P	■	■	■												
MSG	70500	Silicon carbide	Non-woven web on X _w -cloth	+	■	■		■	■		■	■	■						 
MSG XX	70580	Silicon carbide	Non-woven web on X _w -cloth	+				■		■									
OS 709	70900	Silicon carbide	Non-woven web	+				■		■				■	■		■		 
OS 715	71502	Silicon carbide	Non-woven web	+		■		■		■				■	■				    
OS 716	71600	Silicon carbide	Non-woven web, high-density	+			■		■										    
webrax Non-woven web, self-stick																			
MSG SK	70505	Silicon carbide	Non-woven web on X _w -cloth	+								■							
webrax Non-woven web, velour-backed																			
OA 708 VEL	70807	Aluminium oxide	Non-woven web	+							■								
OA 710 VEL	71007	Aluminium oxide	Non-woven web	+		■													
OA 713 VEL	71307	Aluminium oxide	Non-woven web, high-density	+				■											
OS 709 VEL	70907	Silicon carbide	Non-woven web	+													■		
webrax cleaning pads and discs																			
GP 706 White	70600	None	Non-woven web	-															
GP 706 Brown	70601	Aluminium oxide	Non-woven web	+															
GP 706 Olive	70602	Aluminium oxide	Non-woven web	+															
Multiclean	70650	Silicon carbide	Non-woven web, high-density	-															
PN 721	72100	None	Non-woven web, reinforced with cloth	-															  
FPA 791 Black	79100	Aluminium oxide	Non-woven web, Thinline	+	■														
FPA 791 Green	79110	Aluminium oxide	Non-woven web, Thinline	+		■													
FPO 791 Red	79130	None	Non-woven web, Thinline	-															
FPO 791 Tan	79140	None	Non-woven web, Thinline	-															
FPO 791 White	79150	None	Non-woven web, Thinline	-															
FPA 792 Black	79200	Aluminium oxide	Non-woven web, Thickline	+	■														
FPA 792 Green	79210	Aluminium oxide	Non-woven web, Thickline	+		■													
FPO 792 Red	79230	None	Non-woven web, Thickline	-															
FPO 792 Tan	79240	None	Non-woven web, Thickline	-															
FPO 792 White	79250	None	Non-woven web, Thickline	-															

Principle construction of coated abrasives

Single layer



Spherical



Key to backings

Cloth			Paper		webrax Non-woven web
Type	Property	Backing material	Type	Weight g/m ²	Type
J-flex-w	Light, extremely flexible	Cotton cloth	A (A _w)	≤ 85	(Listed in order of flexibility)
J-flex	Light, very flexible	Cotton cloth	B (B _w)	> 85 - 110	
J	Light, flexible	Cotton cloth	C (C _w)	> 110 - 135	
EJ	Light, flexible	Synthetic cloth	D	> 135 - 220	Non-woven web
X-flex (X _w -flex)	Heavy, flexible	Cotton cloth	E	> 220 - 270	Non-woven web, high density
X (X _w)	Heavy, semi flexible	Cotton cloth	F	> 270 - 350	Non-woven web, on X _w -cloth
Y (Y _w)	Heavy duty, semi stiff	Synthetic cloth	G	> 350 - 500	Non-woven web, reinforced with cloth
YX	Heavy duty, semi stiff	Polyester/cotton mixed cloth			Non-woven web, reinforced with cloth on vulcanized fibre
Z	Heavy duty, semi stiff	Synthetic cloth			
XX	Heavy duty, stiff	Cotton cloth			
ZZ	Heavy duty, stiff	Synthetic cloth			
Stitch bonded cloth			Fibre		Film
Type	Property	Backing material	Type	Average thickness	Type
Y	Heavy duty, semi stiff	Synthetic stitch bonded cloth	J-flex	0.40 - 0.55 mm	PES = Polyester
YR	Heavy duty, stiff	Synthetic stitch bonded cloth	J	0.60 - 0.65 mm	
ZZ	Heavy, stiff	Synthetic stitch bonded cloth	X	0.80 - 0.85 mm	Index _w = waterproof

Key to bonding

Type	Bonding	Description
R	Resin	Size coat with active additives
RAS	Resin, antistatic	
RPC	Resin, Procut	
RPL	Resin, Prolub	Applied stearate coat prevents premature loading with sanding dust
G	Glue	Applied stearate coat prevents premature loading with sanding dust
GPL	Glue, Prolub	

Abrasive grain and grain standards

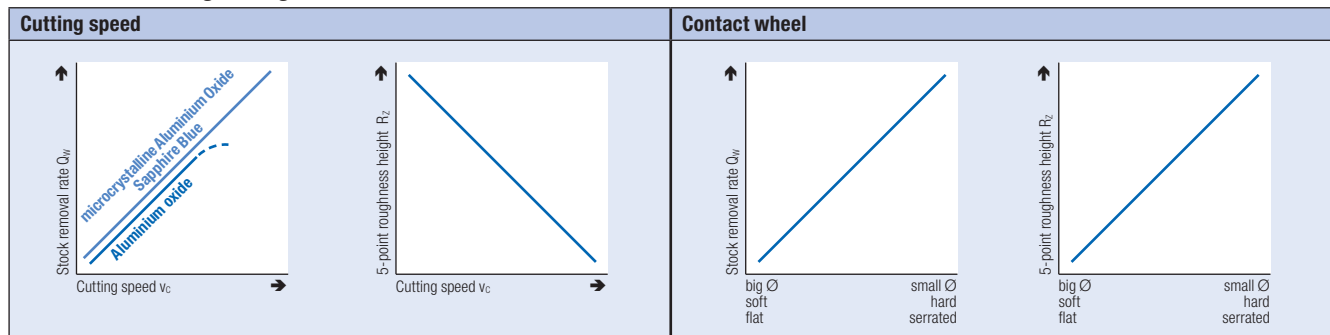
Grain	Grain standard
Aluminium oxide (A/O)	P = FEPA - DIN ISO 6344
Sapphire Blue®	P = FEPA - DIN ISO 6344
(microcrystalline Aluminium oxide)	
Silicon carbide (S/C)	P = FEPA - DIN ISO 6344
Zirconia alumina (Z/A)	# = ANSI - B74.18-1996
Ceramic grain	# = ANSI - B74.18-1996
	+ = Standard Hermes
webrax	
Aluminium oxide	+ = Standard Hermes
Silicon carbide	+ = Standard Hermes
	+ = Standard Hermes
Sanding sponges	
Aluminium oxide	F = FEPA - DIN ISO 8486
Silicon carbide	F = FEPA - DIN ISO 8486

Grit size comparison (Abrasive paper, film, cloth, stitch bonded cloth and fibre)

d ₅₀ (µm) average grain diameter	750	630	525	400	325	260	200	160	125	93	76	68	58	52	46	39	35	30	26	22	18	14	12	10	8
FEPA 43-D-1984 R 1993 DIN ISO 6344	P 24	P 30	P 36	P 40	P 50	P 60	P 80	P 100	P 120	P 150	P 180	P 220	P 240	P 280	P 320	P 360	P 400	P 500	P 600	P 800	P 1000	P 1200	P 1500	P 2000	P 2500
ANSI B 74.18-1996	24	30	36	40	50	60	80	100	120	150	180	220		240	280	320	360	400	500	600					

The differences of the respective grit size standards are defined in the relevant test standards.

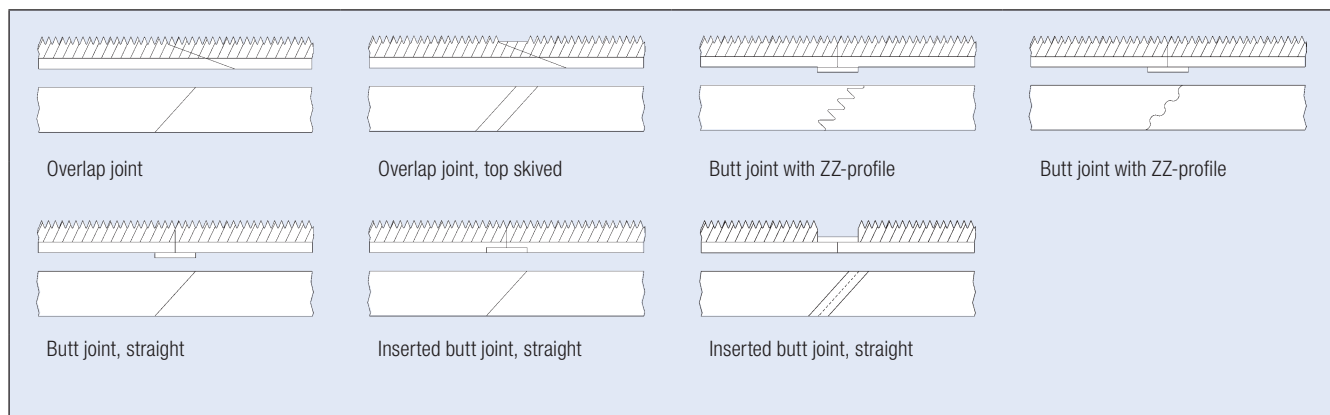
Parameter of belt grinding



Recommendations for cutting speed

Metal				Glass, china, ceramics, leather, rubber, cork, felt, plastic			
Narrow belts and Wide belts	Cutting speed v_c (m/s)			Narrow belts and Wide belts	Cutting speed v_c (m/s)		
	min	Recommendation	max		min	Recommendation	max
Carbon steel	29	35	39	Glass	8	13	18
Tool steel (forging parts)	20	30	30	Crystal-glass (lead glass)	15	20	25
Stainless steel	20	30	30	China, ceramics	10	13	17
Grey cast iron	30	35	40	Leather, rubber, cork, felt	20	25	30
Brass and bronze	27	35	37	Plastics			
CrNi-base alloy	16	22	28	- Duroplastic	18	22	26
Aluminium, Al-alloy	28	35	40	- Plastic (dry grinding)	6	10	12
Titan (dry grinding)	4	8	12	- Plastic (wet grinding)	8	15	18
Titan (wet grinding)	10	12	15				
Wood, lacquer, processed wood boards, mineral fibre boards and melamine							
Narrow belts	Cutting speed v_c (m/s)			Wide belts	Cutting speed v_c (m/s)		
	min	Recommendation	max		min	Recommendation	max
Solid wood, hard	10	20	24	Solid wood	12	20	24
Solid wood, soft	10	12	24	Veneer	10	20	24
Veneer				Plywood	10	20	24
- Lever stroke sanders	10	12	20	Filler	6	8	10
- Edge sanders	6	10	12	Lacquer	2	6	12
- Profile sanders	6	8	12	Particle board / MDF	12	22	36
Lacquer, general	4	8	12	Mineral fibre boards	12	22	26
- Nitro cellulose	2	4	8	Melamine	8	12	20
- Polyester, clear	6	8	12				
- Polyester, pigmented	6	10	12				
- PU	4	8	12				
- Acrylic, pigmented	8	10	12				
- Acid cure lacquer	6	8	12				

Joints for narrow and wide belts

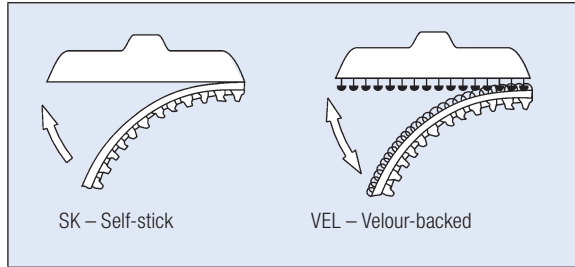


Triangulars, with holes

EB	System	Dimensions in mm velour-backed
021	6 x / Ø 52	Black & Decker, Bosch, Makita, Metabo 88 x 93
020	6 x	Festo 88 x 95
022	2 x 3 + 1 x	AEG, Atlas Copco 99 x 147
021	6 x / Ø 52	Kress 100 x 105
023	2 x 2 + 2 x 1	Flex Porter Cable 68 x 121

Ø = Bolt circle

Fastening systems



Stripes, with holes

EB	System	Dimensions in mm for clamps	Dimensions in mm velour-backed	Dimensions in mm self stick
001	2 x 5	115 x 280	115 x 230 115 x 240	115 x 230 115 x 240
002	2 x 5 / 2 x 2	115 x 280	115 x 230 115 x 240	115 x 230 115 x 240
003	2 x 4	93 x 230	93 x 178 93 x 184 93 x 195	93 x 178 93 x 184 93 x 195
004	2 x 4	81 x 166	81 x 153 80 x 133	81 x 153 80 x 133
005	2 x 3 / 2 x 1	93 x 230	—	—
006	2 x 2 / 1 x 3	93 x 230	—	—
008	8 x / Ø 87	—	115 x 115	—
009	2 x 3	115 x 140	100 x 115	—
010	2 x 5	93 x 230	—	—
011	4 x 2 / 1 x 2	—	100 x 237	—
012	2 x 7	—	70 x 420	—


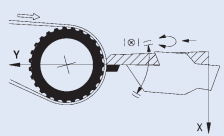
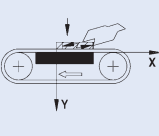
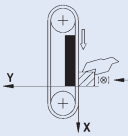
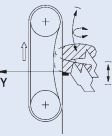
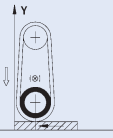
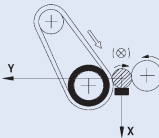
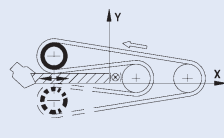
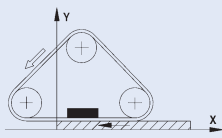
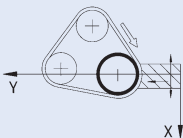
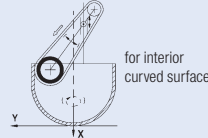

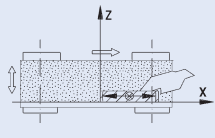
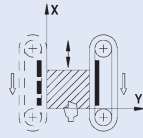
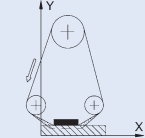
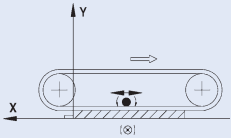
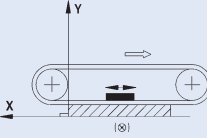
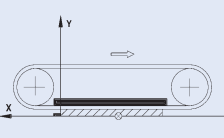
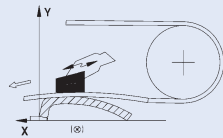

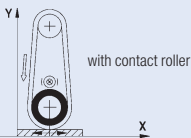
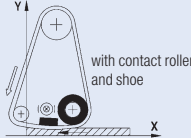
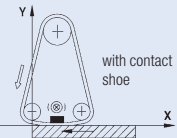

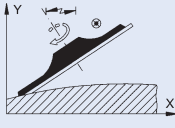
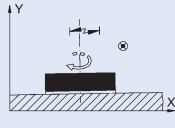

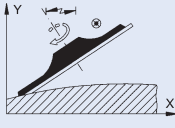

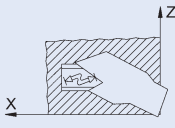
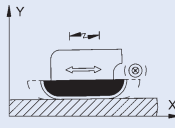

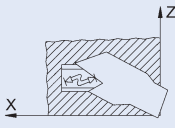
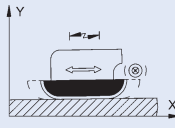
Ø = Bolt circle

Discs, with holes

Ø	Hole system	Ø	Hole system	Ø	Hole system	Ø	Hole system	Ø	Hole system
73 mm	EB 130 6 x / Ø 41	125 mm	EB 032 3 x / Ø 70 + 3 x / Ø 86	125 x 18 mm	EB 119 8 x / Ø 90 with centre hole	150 x 10 mm	EB 137 8 x / Ø 120 + 8 x / Ø 65 with centre hole	185 x 18 mm	EB 136 8 x / Ø 160 + 8 x / Ø 120 with centre hole
75 mm	EB 150 MULTI HOLE	125 mm	EB 033 5 x / Ø 72	150 mm	EB 026 8 x / Ø 65	150 x 16,5 mm	EB 151 MULTI HOLE with centre hole	200 mm	EB 028 8 x / Ø 127
115 mm	EB 026 8 x / Ø 65	125 mm	EB 034 4 x / Ø 42 + 4 x / Ø 64	150 mm	EB 027 6 x / Ø 80	150 x 18 mm	EB 036 8 x / Ø 120 with centre hole	200 mm	EB 031 8 x / Ø 151 + 8 x / Ø 103
125 mm	EB 026 8 x / Ø 65	125 mm	EB 150 MULTI HOLE	150 mm	EB 037 8 x / Ø 116 + 8 x / Ø 65	150 x 18 mm	EB 127 6 x / Ø 80 with centre hole	225 mm	EB 122 8 x / Ø 70
125 mm	EB 030 4 x / Ø 41	125 x 18 mm	EB 019 8 x / Ø 65 with centre hole	150 mm	EB 150 MULTI HOLE	150 x 18 mm	EB 135 8 x / Ø 120 + 6 x / Ø 80 with centre hole		

Ø = Bolt circle

Kind of tools and grinding methods

 Narrow belts	 <p>Backstand belt grinder</p>	 <p>Horizontal platen grinder</p>	 <p>Vertical platen grinder</p>	 <p>Stack of belt grinder</p>
	 <p>Conveyorized through feed belt grinder</p>	 <p>Centerless grinder</p>	 <p>Double side flat grinder (single belt)</p>	
	 <p>Stationary platen grinder</p>	 <p>Plunge grinder - heavy stock removal</p>	 <p>Swing frame grinding machine for interior curved surface</p>	 <p>Swing frame grinding machine for cylindrical workpieces</p>
	 <p>Edge sander</p>	 <p>Drawer sander</p>	 <p>Profile sander</p>	
	 <p>Lever stroke sander with roller</p>	 <p>Lever stroke sander with pad</p>	 <p>Lever stroke sander with contact bar</p>	 <p>Lever stroke sander with hand block</p>
 Wide belts	 <p>Wide belt machine with contact roller</p>	 <p>Wide belt machine with contact roller and shoe</p>	 <p>Wide belt machine with contact shoe</p>	
 Discs	 <p>Portable disc grinder</p>	 <p>Random orbital sander</p>		
 Flap discs	 <p>Portable disc grinder</p>			
 Sheets, strips	 <p>Hand sanding</p>	 <p>Orbital sander</p>		
 Rolls	 <p>Hand sanding</p>	 <p>Orbital sander</p>		



STORAGE

Hermes abrasives are quality tools and require appropriate storage conditions. Quality can be impaired by incorrect storage. Careful storage ensures maximum benefit.



- Room temperature 18 - 22°C
- Relative humidity 45 - 65%
- Store in original packaging if at all possible, and on shelves or pallets/racks
- Use deliveries in the order they arrived



- Close to radiators
- Extreme temperature fluctuations (cold/hot)
- Store directly on concrete or stone floors
- Store in unheated rooms in winter



SAFETY



Wear eye protection!



Wear ear protection!



Only to be used with a backing pad!



Wear protective gloves!



Wear a mask!



Do not use for wet grinding!



Refer to instruction manual!

In order to guarantee the greatest possible occupational safety to users of Hermes abrasives, the appropriate safety pictograms appear on the product labels. For more information on the correct use of abrasives, see the safety recommendation leaflets from FEPA.

COME AND SEE OUR PAGE

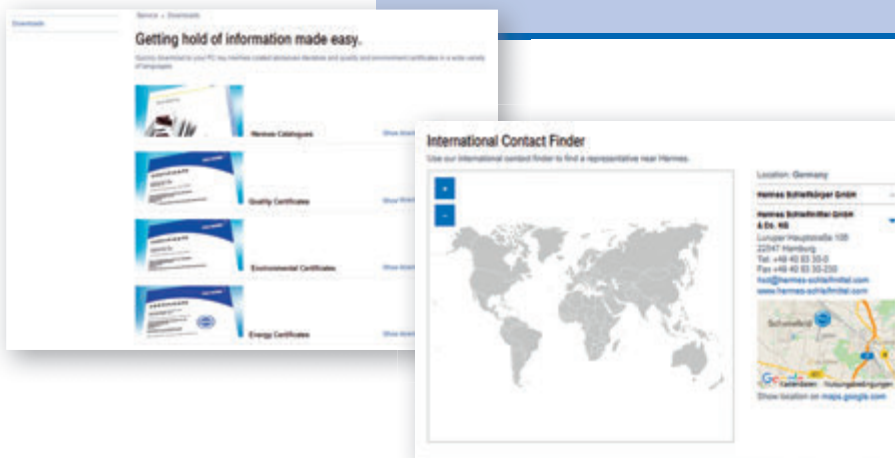


Hermes Group websites are continuously updated and form an important information platform for customers and interested parties. Here you will find virtually all the information which is useful when planning and purchasing Hermes abrasives.

Hermes websites use databases to inform you about new products and application solutions and to provide you with facts and figures about the Hermes Group.

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www.hermes-abrasives.com



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HERMES SCHLEIFMITTEL GMBH

Luruper Hauptstrasse 106
22547 Hamburg, Germany

Phone +49 (0)40 8330-0
Fax +49 (0)40 8330-230

hsd@hermes-schleifmittel.com
www.hermes-abrasives.com

