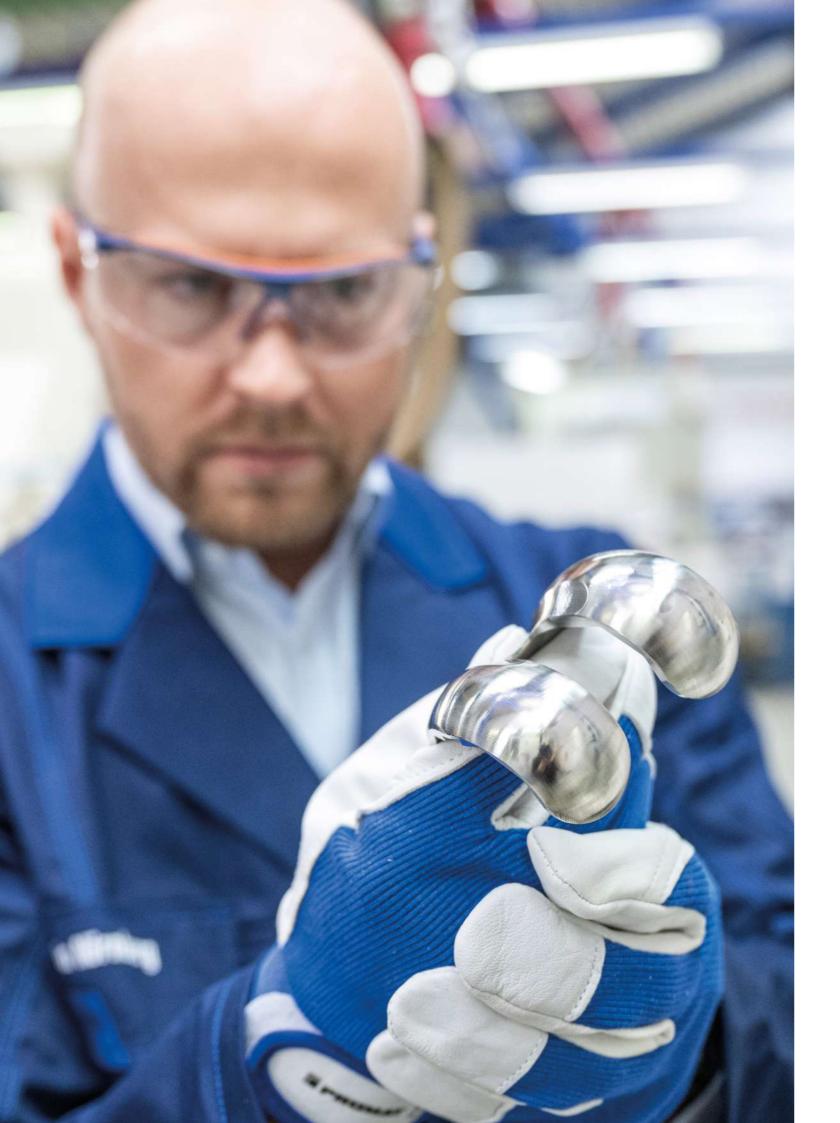


# HERMES COATED ABRASIVES

Program brochure





# **HERMES ABRASIVES -MORE THAN GRINDING TOOLS!**



Whenever you need support: our experts are there for you. Whether it's choosing the right grinding tool, process optimization, product testing or training your employees. Whether at your or at our premises, by phone or email -you can count on us.



# RESPONSIBILITY & SUSTAINABILITY

Responsible action and sustainable management are and have always been key components of our corporate strategy.

We are continuously developing our activities in this regard, are regularly certified and are measured against our successes at all

# **HERMES** CCNNECT

# ONLINE-SERVICE PORTAL

Get information, order goods and track them - around the clock! Hermes Connect is your key source for all important services and information on our abrasive tools: stock availability and prices as well as a direct shop function and your personal order





# CONTACT

Contact us at any time so that we can find the right solution for you.

In the contact area on our website **HERMES-ABRASIVES.COM** 

you can find with just a few clicks the right contact person responsible for you.

			king	ding	2	16 20 24	30	40	09	100	120	180	220	280	360	200	800	1200	2000	3000 4000 5000	ohne				
Abra	asive cloth																								
	RB 306 J-flex	30660	J-flex	R	Р					•	•	•	•								9			9	
	HSB	32220	Χ	R	Р			•	•	• •	• •	•	•					т			Ť			9	
	FW 340 X	34000	Χ	R	Р			•	•	•	•	•		•	П			т				1	***		
	RB 346 MJ	34602	J	R	Р				•	• •	• •	•	• •	• •	•	• •	• •	Ш	Ш					\$	
	RB 346 J-flex	34660	J-flex	R	Р			•	•	• •	• •	•	• •	• •	•	•	•	т						9	
	RB 377 YX	37710	$YX_{W}$	R	+		Ī	• •	•	• •	• •	•	• •	• •		• •		т			8			\$	<b>1</b>
	RB 406 J-flex	40660	J-flex	RPC	Р				•	• •	• •	•	• •	• •		•		т			8			9	
	RB 346 23 MX	34623	Χ	R	Р	•	H	•	•	• •	• •	•	• •	• •	H	•		П			8	(	•	9	<b>1</b> 0
	Cork RB 525 X **	52522	Xw	R	Р				П					•		•	•	П						9	<b>9</b>
	HERMESIT° RB 530 X	53021	Χ	R	Р				П		•	•	• •	• •		•	•							9	<b>9</b>
	HERMESIT° RB 535 X	53521	$X_{W}$	R	Р				П		•	•	• •	• •		•	•							9	<b>1</b>
	HERMESIT® RB 535 Y	53530	Yw	R	Р				•	• •	•	•	•	•		•	•	П						9	<b>4</b>
	MERCURIT® RB 590 Y	59030	Yw	R	Р					•	•	•	•	•		•	•							9	<b>4</b>
	MERCURIT® RB 591 Y	59130	Yw	R	Р				П			•	•	•		•	•							9	<b>4</b>
	MERCURIT® RB 591 Y op	59131	Yw	R	Р	Ш	П			•	•				П			П						9	
S/C	RB 315 YX	31510	$YX_{W}$	R	Р	•	1	•	•	• •	• •	•	• •	• •		•								9	<b>9</b>
	RB 319 J	31900	J	R	Р		П			• •	• •	•	• •	•	П									9	
	ProBoard® RB 374 92 ZZ	37492	ZZw	RAS	Р	•		•	•	• •	•	•						П							<b>1</b>
	Cork RB 515 X ***	51522	$\chi_{\text{w}}$	R	Р						•		•	•		•	• • •							9	<b>1</b>
	Cork RB 515 Y ***	51530	Yw	R	Р		П				•		•	•		•	•	•						9	<b>1</b>
	HERMESIT°RB 540 X	54020	Χ	R	Р		П						•			•								9	<b>1</b>
	HERMESIT° RB 545 X	54521	Xw	R	Р		П				•	•	• •	• •		•	• •							9	<b>1</b>
	HERMESIT° RB 545 Y	54530	Yw	R	Р			•	•	• •	•	•												9	<b>1</b>
	MERCURIT® RB 595 Y	59530	Yw	R	Р					•	•	•	•											9	<b>1</b>
	MERCURIT® RB 598 Y	59830	Yw	R	Р								•	•		•	• • •	•						9	<b>9</b>
Z/0	RB 480 24 YX	48024	$YX_{W} \\$	R	+	•		•	•	• •	•												io.	9	<b>4</b>
	RB 480 X-flex	48070	X-flex	R	+					•	•														
	RB 484 44 Z	48444	Zw	R	+	•		•	•	• •	•													9	<b>4</b>
	RB 485 Z	48544	Zw	R	+			•	•	• •														9	<b>4</b>
	RB 486 24 YX	48624	$YX_{W} \\$	RPC	+			•	•	•	•												O.	9	<b>1</b>
	RB 486 44 Z	48644	Zw	RPC	+			•	•	•														9	
	ZIRCONIT ZR 494 Z	49440	Zw	R	#	•		•	•	• •	•													9	<b>1</b>
	ZIRCONIT ZR 496 Z	49640	Zw	RPC	+	•		•	•	•	•													9	<b>1</b>
CER	CERAMIT° CR 454 Z	45440	Zw	R	+				•	•														9	<b>1</b>
	CERAMIT° CR 456 Z	45640	Zw	RPC	+		ŀ	•	•	• •	•													9	<b>1</b>
	CERAMIT° CR 456 J-flex	45660	J-flex	RPC	+					• •	•	•	•											9	<b>1</b>
	CERAMIT° CN 464 Z	46440	Zw	R	+				•	•												(	•	9	<b>4</b>
	CERAMIT° CN 466 Z	46640	Zw	RPC	+	•		•	•	•													io.	9	<b>4</b>
	CERAMIT° CN 466 X-flex	46670	X-flex	RPC	+				•	•	•	•	• •											9	
	CERAMIT° CR 476 J	47600	Jw	RPC	+					•	•	•	• •											9	
	CERAMIT° CR 476 Z	47640	Zw	RPC	+	•		• •	•	• •	•													\$	<b>1</b>
Cork	Cork RB 555 X ****	55522	Xw	R	-																			9	<b>4</b>

Delivery forms

Code Bak- Bon- Grit range

A/0:	Aluminum	oxide;	S/C:	Silicon	carbide;	Z/0:	Zirconia	alumina;	CER:	Ceramic	grain;	R:	Resin;	RAS:	Resin,	antistatic;
RPC:	Resin, Proc	ut: Size	coat	with ab	rasive add	litives;	RPL: Res	in, Prolub	: Addit	ional stea	rate co	ating	g to pre	vent p	rematur	e clogging;
PES:	Polyester; <b>In</b>	dex w: v	vaterp	roof; * A	/O + CER; *	* A/0 +	Cork; *** S	S/C + Cork;	**** No	grain						

Grain	Туре	Code	Bak-	Bon-	Grit																				eliv	ery	for	ms		
			king	ding	12	16 20	24	36	40 50	80	100	150	180	240	280	360	500	009	1000	1200	2000	3000	4000	ohne						
Abra	asive cloth, velour-b	acke	d																											
A/0	RB 346 87 MX VEL*	34687	Χ	R	Р				•	• •		• •	•	•	•															
	HERMESIT° RB 530 J VEL	53067	J	R	Р						•	•	•											•						
Z/0	RB 480 24 YX VEL	48027	YX	R	+				•	• •		•												(						
CER	CERAMIT° CR 456 Z VEL	45647	Zw	RPC	+			•	•	• •	•	•										П		•						
Abra	asive cloth, self-stic	k																												
A/0	RB 346 23 MX SK*	34625	Χ	R	Р					•	•	П		•			П			İ		П								
Abra	asive stitch-bonded	cloth																												
A/0	SB 388 23 Y*	38823	Yw	R	Р				•	• •		•										П						9		
Z/0	SB 488 Y	48830	Yw	R	+			•	•	•																		9		
Abra	sive fiber																													
A/0	RB 314 fibre	31444	X/J	R	Р		•	•	•	• •		•																		
Z/0	RB 414 X-Procut	41450	Χ	RPC	+			•	•	• •		•																		
CER	CERAMIT° CR 456 fiber-Procut	45650	X/J	RPC	+			•	•	• •	•	•												(						
Abra	asive film																													
A/0	FB 637	63700	PESw	R	Р							•	•	•	•	•	• •	•	•	• •				9	7				9	
Abra	asive film, velour-ba	acked																												
A/0	ProTec Film FC 161-Longlife VEL	16177	PES	R	Р			П		•		• •	•	•			Г			İ		П							\$	
	Brilliance Film FC 164-Longlife VEL	16477	PES	R	Р						П			•	•		•	•	•	• •	•							•	9	
Abra	asive film, self-stick	(																												
A/0	FB 637 08 SK	63708	PES	R	Р						П	П					П			ı							9			
Foar	m with net, velour-b	acked	ı																											
S/C	FineNet FN 915 VEL	91527	PU foam + net	R	+						П	Г		•		•	•	•	•	•	•				4					
Net	cloth																													
A/0	GA 924	92400	Net	R	+						П	П				•	•	•	•			П		5	?, [					
Net	cloth, velour-backe	d																												
A/0	MultiNet MN 921 VEL	92177	Net	R	Р									•	•		•	•												
	MultiNet MN 922 VEL	92277	Net	R	Р					•		•	•									ĺ								
	GA 924 VEL	92407	Net	R	+												•	•							-					
Spor	nges																													
A/0	Premium, four-sided	90351	PU foa	m	F					•	•		•																	
	Premium, single-sided	90358	PU foa	m	Р						•		•		•		•							4						
S/C	Premium, double-sided	90550	PU foa	m	F					•	•		•								ĪΪ	ii								
S/C	Premium, double-sided	90550	PUfoa	m	F					•																				

Grain Type

Grain	Туре	Code			Grit range	Delivery forms
			king	ding	12 24 24 33 33 33 33 33 33 33 34 110 110 110 110 110 110 110 110 110 11	

#### Abrasive paper

1010	asive paper																								_		_		
A/0	BW 114	11400	F	RAS	P				•	•	•	•	• •	•	•	•	•		• •									9	<b>9</b>
	BW 115	11500	F	R	Р				•		•	•	• •	•	•	•	•	•										\$	<b>9</b>
	BW 116	11600	F	RPC	; P						•	•	• •	•	•	•	•	•										\$	<b>9</b>
	VC 152	15200	D	R	Р				•		•							П									j		
			С	R	Р						•	•	•	•	•		•	•											
	VC 154-Longlife	15470	С	RPL	. Р							П	•	•	•		•	•		•			П					9	
	MERCURIT® BW 590	59010	F	R	Р									•	•		•	•	•				П					\$	<b>9</b>
	WA flex 28 B	62820	Bw	R	Р													П		•			П						
S/C	BS 118	11800	G	RAS	P	•	•			П		П						П					П			9		\$	<b>9</b> /
			F	RAS	P				• •	•	•	•	• •	•	•	•	•	•	• •	•	• •		П						
	BS 119-Longlife	11970	D	RAS/RPL	lΡ										•	•	•	•	• •				П			8		\$	<b>9</b> /
	SF 168	16810	А	RPL	. Р						•		• •	•	•		•	•	•				П						
	ProBoard® BS 179	17900	G	RAS	P						•	•	• •	•				П					П					\$	<b>9</b>
	HERMESIT® BS 540	54010	F	R	Р								•		•		•	П					П					\$	<b>9</b>
	WS flex 14 C film	61814	Cw	R	+			П			•		•	•	•	П	•		•	•	• •	•	П			4			
	WS flex 16	61601	Bw	R	P/ <sub>+</sub>						•	•	• •	•	•	•	•	•	• •	•	•	• •	•	•	•				
	WS flex 18 C	61810	Cw	R	Р						•	•	• •	•	•	•	•	•	• •	•	•		•						
	WS flex 18 C film	61814	Cw	R	+			П			•		•	•	•	•	•	•	• •	•	• •		•						
	WS flex 18 C micro	61820	Cw	R	+																			•					
	WS flex 18 C micro film	61824	Cw	R	+			П															П	•					
Z/0	BW 184	18400	G	R	+			П	• •		•												П			8		\$	<b>9</b> /
CER	CERAMIT° CR 116	11623	F	RPC	; +				•		•	•	• •	•	•	•	•	•					П					\$	<b>9</b> /
	CERAMIT° CR 176	17600	F	RPC	; +				•		•							П					П					\$	

# Abrasive paper, velour-backed

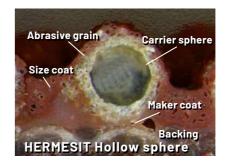
A/0	BW 114 VEL	11407	F	RAS	Р			1	•	• • • • • • •				•
	BW 115 VEL	11507	F	RAS	Р					• • • • • •				
	VC 151-Longlife VEL	15177	С	RPL	Р					• • • • • • •	•	• • •		
	VC 152 VEL	15207	D	R	Р				•	•				
			С	R	Р					• • • • • •	•	•		
	VC 154-Longlife VEL	15477	В	RPL	Р					• • • • • •	• •	••••••		
S/C	BS 118 VEL	11807	G	RAS	Р	•	•							
			F	RAS	Р			•	•	• • • • • •	•	• ••••		
Z/0	BW 184 VEL	18407	G	R	+		•	•	•	• • • •				
CER	CERAMIT° CR 116 VEL	11627	F	RPC	+					••••				

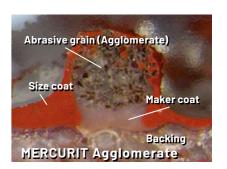
#### Abrasive paper, self-stick

A/0	VC 152 SK	15205	D	R	P	Р	•		1										•
			С	R	F	Р			•	•	•	•	•						
S/C	SF 168 SK	16815	А	RPL	_ F	Р			•	•	-	•	•	•	• •			<u>/</u>	
	WS flex 18 C SK	61815	Cw	R	P	Р			• •	•	•		•	•	•••••	•			
	WS flex 18 C micro SK	61825	Cw	R	+	+		Ī	П							•	•		

A/O: Aluminum oxide; S/C: Silicon carbide; Z/O: Zirconia alumina; CER: Ceramic grain; R: Resin; RAS: Resin, antistatic; RPC: Resin, Procut: Size coat with abrasive additives; RPL: Resin, Prolub: Additional stearate coating to prevent premature clogging; PES: Polyester; Index w: waterproof; \*A/O + CER; \*\*A/O + Cork; \*\*\*\* No grain







# Key to kind of tool



# Key to backings

Cloth			Paper		webrax non-woven abrasive
Туре	Property	Backing material	Туре	Weight g/m²	Туре
J-flex-w J-flex J X-flex(Xw-flex) X(Xw) Y(Yw) YX Z	Light, highly flexible Light, very flexible Light, flexiblel Heavy, flexible Heavy, semi flexible Very heavy, semi stiff Very heavy, semi stiff Very heavy, semi stiff	Cotton cloth Cotton cloth Synthetic cloth Cotton cloth Cotton cloth Synthetic cloth Polyester/cotton mixed cloth Synthetic cloth	A (Aw) B (Bw) C (Cw) D E F	≤ 85 > 85 - 110 > 110 - 135 > 135 - 220 > 220 - 270 > 270 - 350 > 350 - 500	Non-woven Non-woven, high-density Non-woven, on Xw cloth Non-woven, reinforced with cloth Non-woven, reinforced on vulcanized fiber
Stitch-bonded			Fiber		Film
Туре	Property	Backing material	Туре	Average thickness	Type
Υ	Very heavy, semi stiff	Synthetic stitch-bonded cloth	J-flex J	0.40 - 0.55 mm 0.60 - 0.65 mm	PES = Polyester
			Χ	0.80 - 0.85 mm	Indexw = waterproof

#### Key to bonding

Key to bond	ling		Abrasive grain material a	nd grain standards
Туре	Bonding	Description	Grain	Grain standard
R RAS RPC	Resin Resin, antistatic Resin, Procut	Size coat with abrasive additives	Aluminum oxide (A/O) Silicon carbide (S/C) Zirconia alumina (Z/A) Ceramic grain (CER)	P = FEPA - DIN <b>ISO</b> 6344 P = FEPA - DIN <b>ISO</b> 6344 # = ANSI - B74.18-1996 # = ANSI - B74.18-1996 + = Standard Hermes
RPL	Resin, Prolub	Additional stearate coating to prevent premature clogging	webrax non-woven abrasive Aluminum oxide (A/0) Silicon carbide (S/C) Sponges Aluminum oxide (A/0) Silicon carbide (S/C)	+ = Standard Hermes + = Standard Hermes F = FEPA - DIN <b>ISO</b> 8486 F = FEPA - DIN <b>ISO</b> 8486

# Grit size comparison (Abrasive paper, film, cloth, stitch-bonded cloth and fiber)

d <sub>k50</sub> (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 <b>ISO</b> 6344	P24	P30	P36	P 40	P50	P60	P 80	P 100	P 120	P 150	P 180	P 220	P240	P280	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	2	80	320		360	400	500	600			

Questions? - Contact us: You will find your contact person under "Contact" on www.hermes-abrasives.com



#### 3 benefits of webrax non-woven abrasive

#### 1. Backing

Our non-woven abrasives are manufactured from a special fiber web. During this process,

the abrasive grit is firmly anchored by a bond and is correspondingly durable.

The following designs are available:

Non-woven // non-woven, on XW-cloth // non-woven, high-density //

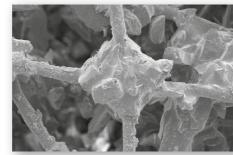
Non-woven, reinforced with cloth // non-woven, reinforced on vulcanized fiber

#### 2. Types of grain

We use the following types of grain in grit range 80 to 1500: A/O(Al $_2$ 0 $_3$ ) and S/C(SiC). **Warning:** Information on grit sizes is not comparable with that relating to abrasive paper.

#### 3. Bonding

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



Open structure of **webrax** non-woven abrasive

#### Grit size comparison for webrax non-woven abrasive (incl. details of product colors)

Standard Hermes	+ 80	+100	+ 120	+ 150	+ 180	+240	+ 280	+ 320	+ 400	+500	+800	no grain
Grit size name	coarse	med	lium	fi	ne		very	fine	supe	r fine	ultra fine	
webrax-MAG	brown	-	brown	-	-		-	-	-	-	-	-
webrax-MSG	black	-	-	black	black		black	-	black	black	-	-
webrax-AN 70150	brown	red	-	-	red/blue		blue	-	-	-	grey	-
webrax-AN 701 Flex	brown	red			green		blue					
webrax-AN 702	brown	brown	-	-	brown		brown	brown	brown	-	-	-
webrax-PN 721	-	-	-	-	-		-	-	-	-	-	yellow
webrax-CW	med				fin							
webrax-UW	coarse	medium		fine								

# Cutting speed recommendations vo for dry grinding

	Cleaning	Decorative grinding	Deburring	Polishing
webrax discs				
All	-	8 - 25 m/s	20 - 25 m/s	-
webrax belts and wide belts				
MAG, MSG	5 - 10 m/s	8 - 15 m/s	-	-
AN 702	5 - 10 m/s	8 - 15 m/s	-	-
AN 70150, AN 701 flex	-	8 - 15 m/s	20 - 25 m/s	
PN 721	5 - 10 m/s	-	-	5 - 20 m/s when using polishing paste or liquid
webrax wheels and rollers				
LMO (Flap wheels and rollers)	5 - 10 m/s	8 - 15 m/s	-	-
LMI (impregnated flap wheels and rollers)	-	-	20 - 30 m/s	-
GWS (Wheels and rollers convolutely wrapped)	-	8 - 15 m/s	20 - 30 m/s	-
CW (Convoluted wheels)	-	-	25 - 35 m/s	30 - 35 m/s
LGG (Laminated wheels)	-	8 - 15 m/s	20 - 30 m/s	-
UW (Unitized wheels)	-	-	25 - 35 m/s	30 - 35 m/s

# Grinding patterns compared using grinding belts, grit size 180



Grain	Туре	Code	Backing	Grit range	Delivery forms
				80 100 1120 1150 1180 220 220 220 220 230 330 400 600 600 1000 11200	

#### webrax non-woven abrasive

A/0	MAG	70000	Non-woven on XXw cloth			
A/U	MAG	70000	Non-woven on XXV Cloth	T • •		<b>Y</b>
	AN 70150	70150	Non-woven, reinforced with cloth	+ • • • •		\$ <b>/</b>
	AN 701 flex	70170	Non-woven, reinforced with cloth	+••		\$
	AN 702	70200	Non-woven, reinforced with cloth	+••		\$ <b>/</b>
	AN 707	70700	Non-woven, reinforced with cloth	+ •		Ş <b>4</b>
	OA 708	70800	Non-woven	+ • • • •		
	OA 708 flex	70870	Non-woven	+ • • •		
	OA 710	71002	Non-woven	+ • • • •	<b>4 0</b>	∰-LM0 ▼
	OA 713	71300	Non-woven, high-density	+ • •	4 <b>0</b>	O-LMO O-GWS
S/C	AN 70150	70150	Non-woven, reinforced with cloth	•		\$ <b>/</b>
	MSG	70500	Non-woven on Xw cloth	+ • • • • •		\$ <b>/</b>
	OS 709	70900	Non-woven	+ • • • • •		
	OS 709 flex	70970	Non-woven	+		
	08715	71502	Non-woven	+ • • • • •	<b>40</b>	<b>⊚</b> -LMO
	OS 716	71600	Non-woven, high-density	+	4 <b>0</b>	O-LMO O-GWS

#### webrax non-woven abrasive, velour-backed

A/0	0A 708 VEL	70807	Non-woven	+			•	•	•		
	0A 710 VEL	71007	Non-woven	+	•						
	0A 713 VEL	71307	Non-woven, high-density	+							
S/C	OS 709 VEL	70907	Non-woven	+		П				•	

#### webrax non-woven abrasive, on fiber backing

A/0	AN 703 50	70350	Non-woven, reinforced on vulcanized fiber	+	•	•				
-----	-----------	-------	-------------------------------------------	---	---	---	--	--	--	--

# webrax cleaning non-web abrasives

A/0	GP 70604 Olive	70604	Non-woven	+		
S/C	Multiclean	70650	lon-woven, high-density			
None	GP 70600 White	70600	Non-woven	-		
	PN 721	72100	Non-woven, reinforced with cloth			<b>•</b> • •

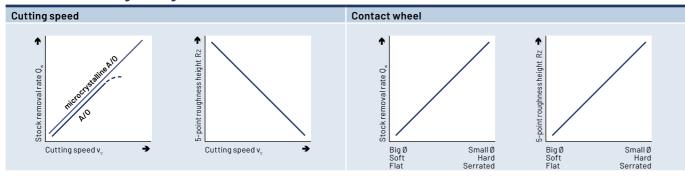
# webrax-CW, convoluted wheels

A/0	O CW 8A-MED DE	74800 Non-woven, high-density	+ •	6	
S/C	C CW 7S-FIN DE	74720 Non-woven, high-density	+	0	
	CW 9S-FIN-X2 DE	74921 Non-woven, high-density	+	0	

# webrax-UW, unitized wheels

A/0	UW 2A-MED DF	75200	Non-woven, high-density	+	•		•
	UW 3A-MED DF	75300	Non-woven, high-density	+	•		•
	UW 6A-MED DF	75600	Non-woven, high-density	+	•		•
	UW 8A-CRS DF	75800	Non-woven, high-density	+			•
S/C	UW 2S-FIN DF	75220	Non-woven, high-density	+		•	0
	UW 3S-FIN DF	75320	Non-woven, high-density	+	П	•	0
	UW 6S-FIN DF	75620	Non-woven, high-density	+	П	•	•

# Parameter of belt grinding

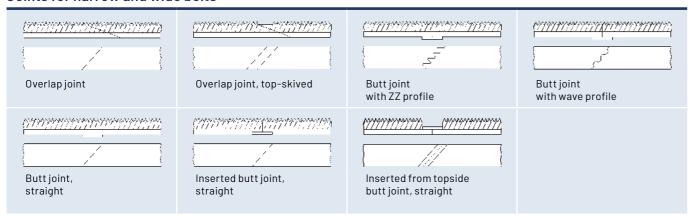


# **Cutting speed recommendations**

Metal				Glass, china, ceramics, leather, rubber, cork, felt, plastic						
Narrow belts		Cutting speed v <sub>c</sub> (m/	s)	Narrow belts	Cutting speed v <sub>c</sub> (m/s)					
and Wide belts	min	Recommendation	max	and Wide belts		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							
CrNi-base alloy	16	22	28	Plastic						
Aluminum, Al-alloy	28	35	40	- Duroplastic	18	22	26			
Titan (dry grinding)	4	8	12	- Plastic (dry grinding)	6	10	12			
Titan (wet grinding)	10	12	15	- Plastic (wet grinding)	8	15	18			

						· · · · · · · · · · · · · · · · · · ·	
Wood, lacqer, processed wood boards	s, mine	ral fiber boards an	d mela	mine			
Narrow belts	(	Cutting speed v <sub>c</sub> (m/	s)	Wide belts	(	Cutting speed v <sub>c</sub> (m/s	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
Lacqer, general	4	8	12	Mineral fiber 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				

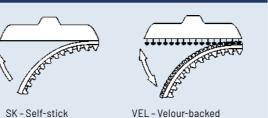
# Joints for narrow and wide belts



# Triangulars, punched

EB	System	<b>Dimension</b> velour-ba	
021	6x/Ø52	Schwarz & Decker, Bosch, Makita, Metabo	88 x 93
020	6×	Festo	88 x 95
022	2 x 3 + 1 x	AEG, Atlas Copco	99 x 147
021	6x/Ø52	Kress	100 x 105
023	2x2+2x1	Flex Porter Cable	68 x 121
			Ø = Bolt circle

# Fastening systems



# Strips, punched

	o, pariorica			
EB	System		limensions in m velour-backed	ım self-stick
		for clamps	velour-backed	Sell-Stick
001	2 x 5	115 x 280	115 x 230	115 x 230
			115 x 240	115 x 240
002	2x5/2x2	115 x 280	115 x 230	115 x 230
	','		115 x 240	115 x 240
007	2 x 4	07 070	07 170	07 170
003	2 × 4	93 x 230	93 x 178 93 x 184	93 x 178 93 x 184
			93 x 104 93 x 195	93 x 104 93 x 195
007	2 x 4	01 100		
004	2 × 4	81 x 166	81 x 153 80 x 133	81 x 153 80 x 133
			00 X 133	00 X 133
005	2x3/2x1	93 x 230		
	•••			
006	2x2/1x3	93 x 230		
000	1	33 X 230		
800	8x/Ø87		115 x 115	
	[]			
009	2 x 3	115 x 140	100 x 115	
			100 / 110	
040	05			
010	2x5	93 x 230		
011	<b>4</b> x 2 / 1 x 2		100 x 237	
012	2×7		70 x 420	
UIZ	10 2 0 0 4 0 0 1 4 A /		70 X 420	

Ø = Bolt circle

# Discs, punched

Ø	Hole system	Ø	Hole system	Ø	Hole system	Ø	Hole system	Ø	Hole system
73 mm	<b>EB 130</b> 6x/Ø41mm	125 mm	EB 032 3x/070 mm+ 3x/086 mm	125 x 18 mm	EB 119 8 x / Ø 90 mm with center hole	150 x 10 mm	EB 137 8 x / Ø 120 mm + 8 x / Ø 65 mm with center hole	150 x 18 mm	EB 135 8 x / Ø 120 mm + 6 x / Ø 80 mm with center hole
75 mm		125 mm		150 mm		150 x 10 mm	1	185 x 18 mm	
	EB 150 MULTIHOLE		<b>EB 033</b> 5 x / Ø 72 mm		EB 026 8x/Ø65 mm		<b>EB 237</b> 48 x / Ø 123-39 mm with center hole		EB 136 8 x / Ø 160 mm + 8 x / Ø 120 mm with center hole
115 mm		125 mm		150 mm		150 x 16.5 m	m	200 mm	
	EB 026 8 x / Ø 65 mm		EB 034 4×/042mm+ 4×/064mm		EB 027 6x/Ø80 mm		EB 151 MULTIHOLE with center hole		EB 028 8 x / Ø 127 mm
125 mm		125 mm		150 mm		150 x 18 mm		200 mm	
	EB 026 8 x / Ø 65 mm		EB 150 MULTIHOLE		EB 037 8x/Ø116 mm+ 8x/Ø65 mm		EB 036 8 x / Ø 120 mm with center hole		EB 031 8 x / Ø 151 mm + 8 x / Ø 103 mm
125 mm		125 x 18 mm	ı	150 mm		150 x 18 mm		225 mm	
$\odot$	EB 030 4x/Ø41mm		EB 019 8 x / Ø 65 mm with center hole		EB 150 MULTIHOLE		EB 127 6 x / Ø 80 mm with center hole	:::	EB 122 8x/Ø70 mm
									Ø = Bolt circle

# Kind of tools and grinding methods

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

Notices	



# **HERMES REFERENCE**

# **SAFETY**

In order to guarantee the users of our abrasive tools the greatest possible safety at work, corresponding safety pictograms are depicted on the product labels, and we expressly point out that they must be observed.











instructions in



backing pad grinding with an offset angle >10°.



THE SYMBOL OF SAFETY

Wear safety

Wear safety







wet grinding

Further instructions for the correct use of abrasive tools can be foand in the leaflets of the FEPA safety recommendations. If you do not have the leaflets, please request them by e-mail at hsd@hermes-schleifwerkzeuge.com

# STORAGE OF ABRASIVES

Hermes abrasives are quality tools and require appropriate storage conditions. Quality can be impaired by incorrect storage. Additionally, careful storage ensures you maximum benefit for at least 5 years.

Tools that have been stored for longer than 3 years or have demonstrably have not been stored in accordance with the following storage regulations may no longer be used.



- Room temperature 18 22 °C
- Relative humidityt 45 65 %
- Store in original packaging if at all possible, and on shelves or pallets/racksn
- 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



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