



Abrasive expert.

SUHNER[®]





SUHNER has been developing, designing and manufacturing machines and tools for rational surface finishing since 1914.

Forward-looking R&D work, high quality standards and an intensive exchange of experience with users have resulted in individual solutions for everyday industrial practice.

With a workforce of more than 700 dedicated employees, state-of-the-art production facilities in several countries and a global distribution concept **SUHNER** is a leading company in many fields of manufacturing technology.

An active marketing policy combined with innovation concepts drawn from everyday working practice, optimised by our engineers, ensures that **SUHNER** products and **SUHNER** expertise continually evolve and remain available to you in the long term.



Brugg (AG), Switzerland



Bad Säckingen, Germany



Rome, Georgia, USA



SUHNER HOLDING AG, CH-5201 BRUGG AG, Switzerland

MANAGEMENT

Dear Customer,

Our company has enjoyed remarkable success in the area of industrial surface finishing:

A new and extremely attractive range of abrasives featuring products manufactured to our specifications together with some of the world's leading tool manufacturers. Quality and performance are our foremost principle. In particular we would like to recommend our synthetic fleece products, suitable for applications from cleaning through to satin finish.

Choosing the appropriate drive systems is of course critical to achieving optimum results, and our unique concept with choice of power tools, machines with flexible shafts and pneumatic drives satisfies that requirement to be greatest possible extent. Power ranges from 75 to 3500 W and speed variants from 150 to 80000 revolutions per minute are also available.

For us, marketing means first and foremost coming up with practical solutions to problems, close customer relations, an on-site demonstration concept, and a global exchange of experience.

So put us to the test. Our abrasives experts are happy to advise you in person.

We wish you every success with our SUHNER tools and our great machines!



SUHNER HOLDING AG

Otto H. Suhner
Dipl. Ing. ETH

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Subject to technical modifications

Tungsten carbide burrs

Long service life and quality



Extremely high cutting rates and a long service life; can be reground repeatedly.

Professional chip removal and optimum surface finish, special standard (N) and double-cut (NK) tooth pattern.

Smooth running, especially in combination with precision-bearing **SUHNER** drives.

Carbide burrs with 6 mm shank type	A 0620	A 0820	A 1225	B 0620	B 0820	B 1225	C 0620	C 0820	C 1020	C 1225
Ø × length mm	6 × 20	8 × 20	12 × 25	6 × 20	8 × 20	12 × 25	6 × 20	8 × 20	10 × 20	12 × 25
Shank Ø mm	6	6	6	6	6	6	6	6	6	6
Weight g	42	46	65	42	46	65	41	44	53	50
Recommended RPM	40000	25000	20000	40000	25000	20000	40000	25000	25000	20000
Order No. N toothing	903 028	903 031	905 154	903 044	—	905 156	903 061	903 065	903 069	905 160
Order No. NK toothing	903 030	903 033	905 155	903 273	903 688	905 157	903 063	903 067	903 071	905 161

Carbide burrs with 6 mm shank type	F 0505	F 1010	F 1212	G 0615	G 1020	O 0610	O 1220	P 0620	P 1130	P 1432
Ø × length mm	5 × 5	10 × 10	12 × 12	6 × 15	10 × 20	6 × 10	12 × 20	6 × 20	11 × 30	14 × 32
Shank Ø mm	6	6	6	6	6	6	6	6	6	6
Weight g	41	39	44	39	43	40	50	20	40	60
Recommended RPM	40000	25000	10000	40000	25000	40000	20000	40000	20000	10000
Order No. N toothing	903 080	903 086	903 089	903 101	903 104	—	—	—	905 174	—
Order No. NK toothing	903 689	903 691	903 692	903 696	903 147	903 157	903 164	903 174	905 175	905 177

Carbide burrs with 3 mm shank type	A 0214	A 0314	C 0315	F 0404	G 0316	H 0307	K 0307	L 0310	O 0306	P 0310
Ø × length mm	2 × 14	3 × 14	3 × 15	4 × 4	3 × 16	3 × 7	3 × 7	3 × 10	3 × 6	3 × 10
Shank Ø mm	3	3	3	3	3	3	3	3	3	3
Recommended RPM	80000	80000	80000	80000	80000	80000	80000	80000	80000	80000
Order No. N toothing	905 150	905 152	905 158	905 162	905 164	905 166	905 182	905 180	905 178	905 172
Order No. NK toothing	905 151	905 153	905 159	905 163	905 165	905 167	905 183	905 181	905 179	905 173

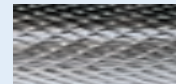
Toothings

N



Free-cutting and cast steels, weld seams, high-strength steels in general.

NK



Double-cut tooth pattern for short chips. High alloy steels, reinforced plastics.

Grinding and cutting discs

Top quality



Magic Disc

High-performance grinding discs: unrivalled stock removal rate and long service life on all materials, particularly stainless steel and aluminium. Less dust, noise and heat generation; neat grinding pattern.

Flexible grinding disc, 3 mm (black): easy tool guidance, available in three grain sizes. Cutting and grinding in a single operation! Use with back-up pad.

SUN-disc M

General-purpose grinding and cutting disc with a wide range of applications in steel and stainless steel processing.

Cutting wheels: 2 mm thick for extremely high cutting rates, flat design (reduced operating time).

High cost efficiency due to optimum ratio between cutting performance and long service life.

Turbo-disc

Cutting wheel with less machine stress less material removal thanks to a thinner cut.

- less heat generated
- fewer burrs
- less odour
- fast cut
- constant cutting rate

Grinding discs	Order No.	Ø× thickness × bore (mm)	Max. RPM		Application						
					Cast iron	Non-ferrous metals	Steel	Stainless steel	Weld seams	Aluminium	Stone
Magic Disc 125-6	908 613	125 × 6 × 22	1200	10	x	x	x	x	x	x	x
Magic Disc 150-6	909 714	150 × 6 × 22	10200	10	x	x	x	x	x	x	x
Magic Disc 178-6	908 945	178 × 6 × 22	8600	10	x	x	x	x	x	x	x
Magic Disc 230-6	909 896	230 × 6 × 22	6600	10							
Magic Disc 125-3 K 36	908 610	125 × 3 × 22	12200	15+*	x	x	x	x	x	x	x
Magic Disc 125-3 K 60	908 611	125 × 3 × 22	12200	15+*	x	x	x	x	x	x	x
Magic Disc 125-3 K 80	908 612	125 × 3 × 22	12200	15+*	x	x	x	x	x	x	x
*Back-up Pad	908 700										
SUN-disc M 115-6	909 870	115 × 6 × 22	13300	10	x		x	x	x		
SUN-disc M 125-6	909 871	125 × 6 × 22	12200	10	x		x	x	x		
SUN-disc M 178-6	909 872	178 × 6 × 22	8600	10	x		x	x	x		
SUN-disc M 230-6	909 873	230 × 6 × 22	6600	10	x		x	x	x		

Cutting wheels												
SUN-disc M 115-2	909 866	115 × 2 × 22	13300	35	x		x	x				
SUN-disc M 125-2	909 867	125 × 2 × 22	12200	35	x		x	x				
SUN-disc M 178-2	909 868	178 × 2 × 22	8600	35	x		x	x				
SUN-disc M 230-2	909 869	230 × 2 × 22	6600	35	x		x	x				
Turbo-disc 50-1	908 074	50 × 1 × 6	30000	50	x	x	x	x		x		
Turbo-disc 75-1	908 078	75 × 1 × 10	20200	50	x	x	x	x		x		
Turbo-disc 115-1	908 075	115 × 1 × 22	13300	25	x	x	x	x		x		
Turbo-disc 125-1	908 076	125 × 1 × 22	12200	25	x	x	x	x		x		
Turbo-disc 150-1.6	909 648	150 × 1.6 × 22	10200	25	x	x	x	x		x		
Turbo-disc 178-1.6	908 440	178 × 1.6 × 22	8600	25	x	x	x	x		x		

Discs	Recommended machines					
	Electric power tools	Page	Pneumatic power tools	Page	Flexible shaft machines	Page
Ø 115	UWK 10-R	16	LWG 12, LWH 12, LLH 12	26–27	ROTOSET	28–43
Ø 125	UWK 10-R 125	16	LWG 12, LWH 12, LLH 12	26–27	ROTOSTAR, ROTOFERA, ROTOMAX	28–43
Ø 150	UWK 10-R 150	16	LWH 9	26–27	ROTOSTAR, ROTOFERA, ROTOMAX	28–43
Ø 178			LWH 6	26–27	ROTOSTAR, ROTOFERA, ROTAR	28–43
Ø 230			LWH 6	26–27	ROTAR, ROTOMAX	28–43

Abrasive flap discs

LFT Superflex and LFS Superflex

Operates at low temperatures:
extra thick for maximum ventilation.

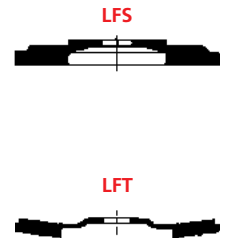
High-quality zircon abrasive:
no clogging, coating or glazing.

Economical to use: 10 to 12 times longer service
life than conventional fibre wheels.

Good tool guidance and fatigue-free operation
even over large surfaces.

For steel and stainless steel.

Available with carrier material made of fibre fabric
or nylon.



Type	Order No.	Disc Ø mm	Bore mm	Max. RPM	
LFS 115 Superflex K 40	913 000	115	22.2	13300	10
LFS 115 Superflex K 60	913 001	115	22.2	13300	10
LFS 115 Superflex K 80	913 002	115	22.2	13300	10
LFS 115 Superflex K 120	913 003	115	22.2	13300	10
LFS 125 Superflex K 40	913 008	125	22.2	12200	10
LFS 125 Superflex K 60	913 009	125	22.2	12200	10
LFS 125 Superflex K 80	913 010	125	22.2	12200	10
LFS 125 Superflex K 120	913 011	125	22.2	12200	10
LFT 115 Superflex K 40	913 004	115	22.2	13300	10
LFT 115 Superflex K 60	913 005	115	22.2	13300	10
LFT 115 Superflex K 80	913 006	115	22.2	13300	10
LFT 115 Superflex K 120	913 007	115	22.2	13300	10
LFT 125 Superflex K 40	913 012	125	22.2	12200	10
LFT 125 Superflex K 60	913 013	125	22.2	12200	10
LFT 125 Superflex K 80	913 014	125	22.2	12200	10
LFT 125 Superflex K 120	913 015	125	22.2	12200	10

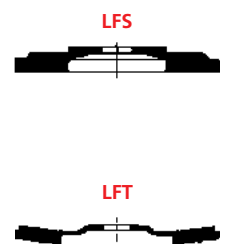
TIGERBITE – both aggressive and smooth

Nothing beats ceramic abrasives when time is of
the essence.

The unique properties of the ceramic grain make
for faster processing times and a longer disc
service life.

The new TIGERBITE abrasive flap discs from
SUHNER are extremely efficient and stand out
by virtue not only of their quality for also their
cost-effectiveness.

For steel, stainless steel and aluminium.



Type	Order No.	Disc Ø mm	Bore mm	Max. RPM	
LFS 125 TIGERBITE CE K 40	909 891	125	22.2	12200	10
LFS 125 TIGERBITE CE K 60	909 892	125	22.2	12200	10
LFS 125 TIGERBITE CE K 80	909 893	125	22.2	12200	10
LFS 125 TIGERBITE CE K 120	909 894	125	22.2	12200	10
LFT 125 TIGERBITE CE K 40	909 980	125	22.2	12200	10
LFT 125 TIGERBITE CE K 60	909 981	125	22.2	12200	10
LFT 125 TIGERBITE CE K 80	909 982	125	22.2	12200	10
LFT 125 TIGERBITE CE K 120	909 983	125	22.2	12200	10

Cleaning discs

For removing paint, oxidation, rust, etc.



FVOT

Cleaning discs made from synthetic fibre, mineral and resin. Ideal for stainless steel. For fast and constant cleaning, metallically clean surfaces. No material removal on metal.

Attaches directly to the angle grinder thanks to integrated fibre backing, i.e. no extra backing pad required. Ideal for surfaces.

FVOW

Cleaning roller made from synthetic fibre, mineral and resin. For fast and constant cleaning on stainless steel.

FVOK

FVOK cleaning discs with shank, made from synthetic fibre, mineral and resin. Ideal for stainless steel. For fast, consistent cleaning and metallically clean surfaces.

No material removal on metal.

Specially well suited for cleaning weld seams and tarnishing and for removing scale, epoxy coatings, PVC underbody protection, rust, corrosion, coating residue, tough paints, paste, etc.

FVOS/FVOS-K

FVOS cleaning discs without shank. Ideal for stainless steel. For fast, consistent cleaning, metallically clean surfaces, and no material removal on metal. Specially well suited for cleaning weld seams and tarnishing and for removing scale, epoxy coatings, PVC underbody protection, rust, corrosion, coating residue, tough paints, paste, etc. FVOS-K for Velcro pads.

FD

FVOS mandrel for attaching 1 to 2 discs.

Cleaning discs	Order No.	Ø × width mm	Ø × width × bore mm	Shank Ø mm	Compatible holder	Order No.	Max. RPM	Weight kg	
FVOT 115	903 468		115 × 13 × 22.2				10000	0.070	5
FVOW 105/100	907 895	105 × 100	105 × 100 × 19.1				5700	0.552	1
FVOK 76/13	907 055	76 × 13		6			8000	0.030	5
FVOK 76/26	907 056	76 × 26		6			8000	0.060	5
FVOK 100/13	907 057	100 × 13		6			6000	0.040	5
FVOK 100/26	907 058	100 × 26		6			6000	0.080	5
FVOK 150/13	907 059	150 × 13		8			4000	0.060	5
FVOK 150/26	907 060	150 × 26		8			4000	0.120	5
FVOS 100/13	903 462		100 × 13 × 14		FD 6–14 (6 mm shank)	904 705	6000	0.070	5
FVOS 150/13	903 463		150 × 13 × 14		FD 6–14 (6 mm shank)	904 705	4000	0.078	5
FVOS 200/13	903 362		200 × 13 × 14		FD 8–14 (8 mm shank)	904 706	3000	0.120	2
FVOS 115-K	908 018	115 × 13			FSS 110-K/M14	907 500	7500	0.080	5

Abrasives	Recommended machines					
	Electric power tools	Page	Pneumatic power tools	Page	Flexible shaft machines	Page
FVOT	UWK 10-R, UWG 10-R	16–17	LWH 6, LWH 9	27	ROTOSET, ROTOSTAR, ROTOMAX	28–43
FVOW	UPK 5-R / UPG 5-R	16	–	–	ROTOFERA, ROTAR, ROTOMAX	28–43
FVOK	USC 9-R, USK 6-R, USG 9-R	18–19	LLC 4, LLH 7, LLG 4	24–27	ROTOFERA, ROTOMAX	28–43
FVOS/FVOS-K	USC 9-R, USK 6-R, USG 9-R	18–19	LLC 4, LLH 7, LLG 4	24–27	ROTAR, ROTOMAX	28–43

Abrasive flap wheels

Soft and supple

FSW abrasive flap wheels

Ideal for working recesses and ridges evenly

Vibration-free work along edges and corners.

Wide choice of dimensions and grain sizes for all types of work.

Abrasive flap wheels with Ø 165 mm with countersunk bores so the mandrel is not prominent and does not obstruct you when working.

Grinding oil added to enhance cost effectiveness (service life).

Eco-friendly, degradable carrier material.

With flexible shaft machines you have the right speed for every flap wheel.



Abrasive flap wheels Type	Grain sizes and Order No.							Ø x width mm	Shank Ø mm	Max. RPM	
	60	80	120	150	180	240	320				
FSW 30/10	907 390	907 391	906 419	907 392	906 420	907 393	906 418	30 x 10	6	19 000	10
FSW 40/15	901 920	901 921	901 923	901 924	903 338	901 925	901 926	40 x 15	6	14 300	10
FSW 60/30	901 956	903 339	901 958	901 959	901 960	901 961	901 962	60 x 30	6	9 500	10
FSW 80/30	901 975	901 976	901 978	901 979	901 980	901 982	901 983	80 x 30	6	7 100	10
FSW 80/50	901 985	901 986	901 987	903 340	901 988	901 989	901 990	80 x 50	6	7 100	10

Abrasive flap wheels Type	Grain sizes and Order No.							Ø x width x bore mm	Compatible spindle	Spindle Order No.	Max. RPM	
	60	80	120	150	180	240	320					
FSW 165/50	902 004	902 006	902 008	902 009	902 010	902 011	907 908	165 x 50 x 45	FDV 12-48	57 652 02	4 000	2
									FDV MK 1-48	57 652 05		
FSW 100/100	907 885	907 886	907 887	–	–	–	–	100 x 100 x 19.1	FG M14	907 875	6 700	1

FVSK non-woven fibre brushes/ flap brushes combined with abrasive flaps.

The ideal combination of abrasive flaps and non-woven fibre.

The logical follow-on from FSW abrasive wheel flaps for a satin finish.

The soft flaps also adapt to rounded surfaces.

No grinding marks – forgiving of grinding errors.

FVSK create a finer grinding pattern than FSW.

Ideal for removing fine scratches.

Ideally suited for blending previously finished areas, e.g. after grinding off weld seams on stainless steel.



Combined surface grinders Type	Grain sizes and Order No.						Ø x width x shaft mm	Ø x width x bore mm	Compatible spindle	Order No.	Max. RPM	
	40	60	100	120	150	240						
FVSK 40/30	–	907 999	908 000	–	908 001	908 002	40 x 30 x 6				13 000	10
FVSK 75/45	–	906 878	906 879	–	906 880	906 881	75 x 45 x 6				8 000	10
FVSW 105/100	907 876	907 877	–	907 878	–	–		105 x 100 x 19.1	FG M14	907 875	5 700	1
FVSR 175/45	–	906 886	906 887	–	906 888	906 889		175 x 45 x 51	FDV 12-51	48 593 02	3 000	2

Non-woven fibre brushes

For soft grinding with a fine finish

Synthetic non-woven fibre brushes/flap brushes

In lamellar form. Soft finish with lower grain content for softer buffing and polishing and a finer finish on stainless steels. The brushes are soft, adapting even to geometrically complex work pieces.

For matt surfaces, depending on the grain used: brushed matt or satin finish.

Cleaning or finishing work in fitted kitchen manufacture or the food industry e.g. breweries.

For cooking appliances (brushed stainless steel).
For apparatus, tank and container construction.



Non-woven fibre brushes/flap brushes Type	Grain sizes and Order No.				Ø × width × shaft mm	Ø × width × bore mm	Compatible spindle	Order No.	Max. RPM	
	80	100	180	280						
FVVK 40/30	–	907 996	907 997	907 998	40 × 30 × 6				13000	10
FVVK 80/50	–	903 429	903 430	903 431	80 × 50 × 6				6000	10
FVVW 110/100	908 769	907 881	907 882	907 883		110 × 100 × 19.1	FG M14	907 875	5700	1
FVVR 150/50	–	902 106	902 107	902 108		150 × 50 × 51	FDV 12–51	48 593 02	3200	1

Synthetic non-woven fibre discs

FVBG: Non-woven fibre nylon bell-shaped discs on interchangeable mandrel.

FVBK: Non-woven nylon discs on a fixed shank.

FVBG-S: Non-woven nylon replacement discs for FVBG.



Non-woven fibre brushes and bells Type	Grain sizes and Order No.			Ø × width × shaft mm	Max. RPM	Weight kg	
	100	180	280				
FVBK 75	908 088	908 089	908 090	90 × 90 × 6	8000	0.080	10
FVBG 50	908 091	908 092	908 093	50 × 50 × 6	11000	0.080	2
FVBG 75	908 094	908 095	908 096	75 × 50 × 6	8000	0.080	2

Non-woven fibre discs Type	Grain sizes and Order No.			Ø × width × Bore mm	Compatible spindle	Order No.	Max. RPM	
	100	180	280					
FVBG-S 50	908 097	908 098	908 099	50 × 13 × 6	FD 6– 6	908 124	11000	50
FVBG-S 75	908 100	908 101	908 102	75 × 13 × 6	FD 6– 6	908 124	8000	50
FVBG-S 150	908 384	908 385	908 386	150 × 13 × 14	FD 8–14	904 706	4000	50
FVBG-S 200	908 387	908 388	908 389	200 × 13 × 14	FD 8–14	904 706	3000	50

SUN-Press

Unitised non-woven tools for the most demanding requirements



SUN-Press

From deburring, cleaning, blending and finishing to pre-polishing.

Saves time and costs: only one work step from weld-seam removal to the perfect, smooth surface.

For all materials, especially stainless steel, titanium and aluminium.

Type	Dimension Max. RPM	soft Density 2	soft/medium Density 4	medium/hard Density 6	hard Density 8	extra hard Density 10	
SUN-fix (Roll-On)	75 x 6 x roll-on 12000	SUN-Press R 75 2SF HVFS 908 801	SUN-Press R 75 4SF HVFS 909 624	SUN-Press R 75 6AF HVFS 909 625	SUN-Press R 75 8AM HVFS 908 800		5
Discs 150 mm	150 x 3 x 25 mm 6000			SUN-Press 150/3/25 6SF HVFS 909 475	SUN-Press 150/3/25 8AM HVFS 909 476	SUN-Press 150/3/25 10AM HVFS 909 623	10
	150 x 6 x 25 mm 6000	SUN-Press 150/6/25 2SF HVFS 909 471	SUN-Press 150/6/25 4SF HVFS 909 472	SUN-Press 150/6/25 6SF HVFS 909 473	SUN-Press 150/6/25 8AM HVFS 909 474	SUN-Press 150/6/25 10AM HVFS 909 622	10
Discs with fibre backing	115 mm 10000	SUN-Press 115 2SF HVFS 909 626			SUN-Press 115 8AM HVFS 909 627		5
Properties and applications		Light cleaning (tarnishing, paint), re- moving rust and scratches, blending, polishing	Cleaning, blending sur- faces, removing scratch- es, polishing after weld seam removal, pre-pol- ishing	Deburring, removing grinding marks (K80 on steel, K120 on alumi- num), rounding off edg- es, rough cleaning	Deburring (large burrs), very rough cleaning, re- moving weld seams	Removing weld seams and deburring on very hard materials	

Grain type: silicon carbide (S)

Grain type: aluminium oxide (A)

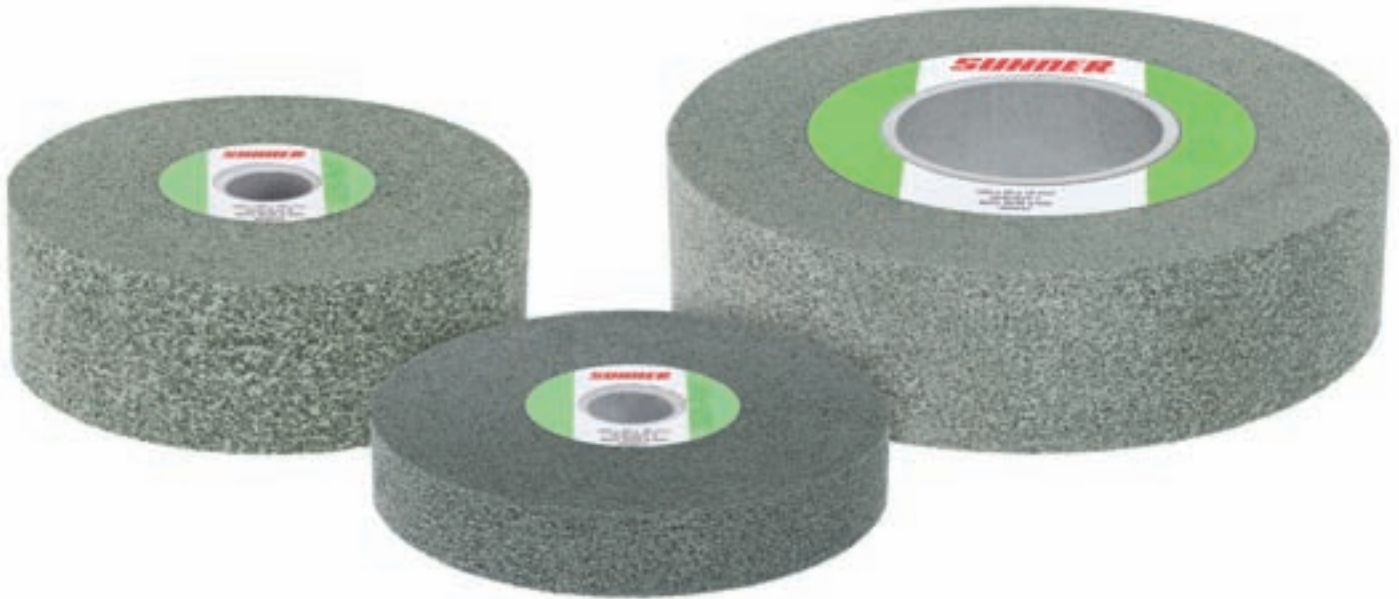
Surface finish

Abrasive
performance

SUN-Press	Recommended machine					
	Electric power tools	Page	Pneumatic power tools	Page	Flexible shaft machines	Page
SUN-Press SUN-fix	UWG 10-R	17	LPB 12	22	MINIFIX 25-R, ROTOFIX	28-43
SUN-Press Ø 150	UKC 3-R	17			ROTOSTAR, ROTOFIX, ROTOMAX	28-43
SUN-Press Ø 115	UWG 10-R, UWK 10-R	16-17	LWH 9	27	ROTOSTAR, ROTOFERA, ROTOMAX	28-43

SUN-Roll

Convolute non-woven tools



SUN-Roll and SUN-Roll *finish*

For deburring, blending and finishing small work-pieces.

For all materials, especially stainless steel, titanium and aluminium.

SUN-Roll **finish**: open structure for matt decorative finishes.

Type	Dimension Max. RPM	SUN-Roll finish	soft Density A	medium Density B	hard Density C	Compati- ble spindle	Spindle Order No.	
Wheels	150 × 25 × 25 mm 6000		SUN-Roll A FVHR 150/25/25 909 631	SUN-Roll B FVHR 150/25/25 909 632	SUN-Roll C FVHR 150/25/25 909 633	FDV 12-25	48 594 01	1
	150 × 50 × 25 mm 6000	SUN-Roll <i>finish</i> 150/50/25 908 111	SUN-Roll A FVHR 150/50/25 909 637	SUN-Roll B FVHR 150/50/25 909 638	SUN-Roll C FVHR 150/50/25 909 639	FDV 12-50	48 594 02	1
	200 × 25 × 76 mm 4500		SUN-Roll A FVHR 200/25/76 909 634	SUN-Roll B FVHR 200/25/76 909 635	SUN-Roll C FVHR 200/25/76 909 636	FDV 12-76	52 0000 83	1
	200 × 50 × 76 mm 4500	SUN-Roll <i>finish</i> 200/50/76 908 112	SUN-Roll A FVHR 200/50/76 909 640	SUN-Roll B FVHR 200/50/76 909 641	SUN Roll C FVHR 200/50/76 909 642	FDV 12-76	48 593 01	1
Properties and applications		Matt decorative finish	Pre-polishing, finishing, light deburring of small parts	Deburring, removing grinding marks, finishing, edge grinding				

Grain type: silicon carbide (S)

Surface finish

Abrasive
performance

SUN-Roll	Recommended machine					
	Electric power tools	Page	Pneumatic power tools	Page	Flexible shaft machines	Page
SUN-Roll Ø 150	USK 6-R	18			ROTOSTAR, ROTOFERA, ROTOMAX	28-43
SUN-Roll Ø 200					ROTOSTAR, ROTOFERA, ROTOMAX	28-43

Abrasive belts

Compatible with belt sanding attachments (p. 46–48)



VA

BSGB VA

For stainless steel, steel, non-ferrous metals, plastics and wood.

BSGB FVV

Special non-woven fabric design with cloth underlay and integrated abrasive agent for low-temperature grinding. Free of corrosion-inducing metals; creates burr-free surfaces.

Available in 5 grades through to "ultra-fine".



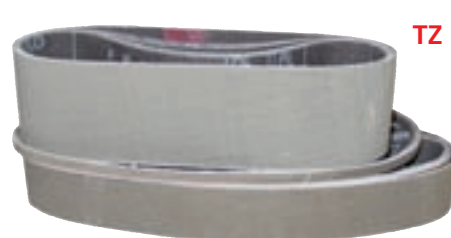
FVV

For matt finishes to stainless steel and non-ferrous metals.

Reduces surface roughness after sanding with an abrasive belt.

Blends previously sanded areas, e.g. after grinding weld seams on stainless steel.

Removes oxides and tarnishing (spot welds).



TZ

BSGB TZ

Abrasive belt with self-renewing pyramid structure. For hard metals and stainless steel.

Allows certain work steps to be skipped: saves time and costs.

Extra-long service life.

Type	Dimensions	for belt standing at- tach-	Max. RPM	Grain sizes and Order No.											
				40	60	80	100	120	150	180	220	240	320	400	
BSGB 35/450 VA	35 × 450	46-48	7000	–	901 235	901 236	901 237	901 238	901 239	901 240	901 241	901 242	901 243	901 244	20
BSGB 50/450 VA	50 × 450	46-48	7000	904 100	901 245	901 246	901 247	901 248	901 249	901 250	901 251	901 252	901 253	901 254	20
BSGB 63/950 VA	63 × 950	46-48	5000	–	901 255	901 256	901 257	901 258	901 259	901 260	901 261	–	901 262	–	20
BSGB 3/520 VA	3 × 520	46-48	16000	–	907 981	907 982	907 983	907 984	–	–	–	–	–	–	20
BSGB 6/520 VA	6 × 520	46-48	16000	900 835	900 836	900 837	900 838	900 839	–	907 918	–	907 919	907 920	–	20
BSGB 12/520 VA	12 × 520	46-48	16000	900 845	900 846	900 847	900 848	900 849	–	907 921	–	907 922	907 923	–	20
BSGB 16/520 VA	16 × 520	46-48	16000	900 855	900 856	900 857	900 858	900 859	–	907 924	–	907 925	907 926	–	20
BSGB 19/520 VA	19 × 520	46-48	16000	900 874	900 875	900 876	900 877	900 878	–	907 927	–	907 928	907 929	–	20
BSGB 3/305 VA	3 × 305	46-48	20000	–	908 338	908 339	–	908 341	–	–	–	–	–	–	20
BSGB 6/305 VA	6 × 305	46-48	20000	908 342	908 343	908 344	908 345	908 346	–	908 347	–	908 348	908 349	–	20
BSGB 12/305 VA	12 × 305	46-48	20000	908 350	908 351	908 352	908 353	908 354	–	908 355	–	908 356	908 358	–	20
BSGB 30/533 VA	30 × 533	46-48	7000	–	908 585	908 586	908 587	908 588	908 589	908 590	–	–	–	–	20
BSGB 30/610 VA	30 × 610	46-48	9000	–	909 695	909 696	909 697	909 698	909 699	909 700	–	–	–	–	20

Type	Dimensions	for sanding belt machine see page	Max. RPM	Grades and Order No.					
				coarse	medium	very fine	super fine	ultra fine	
BSGB 50/450 FVV	50 × 450	46-48	5 700	907 103	907 038	903 444	907 628	907 027	5
BSGB 63/950 FVV	63 × 950	46-48	3 200	907 954	907 104	903 445	–	–	5
BSGB 6/520 FVV	6 × 520	46-48	10 000	900 860	900 861	900 862	–	908 715	20
BSGB 12/520 FVV	12 × 520	46-48	10 000	900 863	900 864	900 865	908 701	908 716	20
BSGB 16/520 FVV	16 × 520	46-48	10 000	900 866	900 867	900 868	–	–	20
BSGB 19/520 FVV	19 × 520	46-48	10 000	900 879	900 880	900 881	908 702	908 813	20
BSGB 6/305 FVV	6 × 305	46-48	20 000	–	908 358	908 359	908 360	–	20
BSGB 19/305 FVV	9 × 305	46-48	20 000	–	908 634	908 362	908 363	–	20
BSGB 30/533 FVV	30 × 533	46-48	7 000	908 591	908 592	908 593	908 703	908 699	5
BSGB 30/610 FVV	30 × 610	46-48	9 000	909 701	909 702	909 703	909 704	–	5

Type	Dimensions	for sanding belt machine see page	Grain sizes and Order No.							
			A 160 (K 120)	A 100 (K 220)	A 65 (K 280)	A 45 (K 400)	A 30 (K 600)	A 16 (K 1200)	A 6 (K 2500)	
BSGB 50/450 TZ	50 × 450	46-48	908 820	908 821	908 823	908 824	908 825	908 826	909 085	20
BSGB 6/520 TZ	6 × 520	46-48	908 827	908 828	908 830	908 831	908 832	908 833	–	20
BSGB 12/520 TZ	12 × 520	46-48	908 834	908 835	908 837	908 838	908 839	908 840	–	20
BSGB 30/533 TZ	30 × 533	46-48	908 841	908 842	908 844	908 845	908 846	908 847	909 086	20
BSGB 30/610 TZ	30 × 610	46-48	909 705	909 706	909 708	909 709	909 710	909 711	909 712	20

Spiral belts

Easy to handle and highly efficient



ESB VA/PSWB VA

High-performance abrasive belts for ESR and PSW available in VA (for stainless steel, steel and aluminium).

Ideal for pre-sanding V2A containers, sanding spot welds, light alloy castings, dressing dies, re-sanding pipe ends in pipe and radiator construction, etc.

ESR

The sanding belt is attached to the rubber grooved sanding drum.

The grooves allow the drum to expand during sanding, tensioning the belt and increasing the elasticity.

The belt stays non-slip, lying flush against the workpiece, so it is able to work evenly across its entire width.

PSW

The "Formula 1 tyre" for a super-sanded finish.

Pneumatic drum. Depending on the work step the hardness is steplessly adjusted using a compressed air gun.

Abrasive belts VA Type	Dimensions	Grain sizes and Order No.										Sanding drum	Order No.	Max. RPM	
		40	60	80	100	120	150	180	220	240	320				
ESB 10/20 VA	20 × 31	908 142	908 143	908 144	—	908 145	—	908 146	908 704	908 705	908 706	ESR 10/20	907 930	44 000	50
ESB 15/30 VA	30 × 47	908 147	908 148	908 149	—	908 150	—	908 151	908 704	—	—	ESR 15/30	907 931	36 000	50
ESB 22/14 VA	14 × 69	901 273	901 275	901 276	901 277	901 278	901 279	901 280	—	—	—	ESR 22/14	49 395 01	26 000	50
ESB 22/20 VA	20 × 69	908 026	908 027	908 028	908 029	908 030	908 031	908 032	—	—	—	ESR 22/20	907 932	26 000	50
ESB 22/36/60 VA	60	908 040	908 041	908 042	908 043	908 044	908 045	908 046	—	—	—	ESR 22/36/60	908 048	16 000	50
ESB 25/30 VA	30 × 78	901 295	901 297	901 298	901 299	901 300	901 301	901 302	—	—	—	ESR 25/30	49 396 01	11 000	50
ESB 30/18 VA	18 × 94	901 306	901 308	901 309	901 310	901 311	901 312	901 313	—	—	—	ESR 30/18	49 397 01	19 100	50
ESB 30/30 VA	30 × 94	906 921	906 922	906 923	906 924	906 925	906 926	906 927	—	—	—	ESR 30/30	52 778 01	19 100	50
ESB 45/30 VA	30 × 141	907 943	907 944	907 945	907 946	907 947	907 948	907 949	908 707	908 708	907 709	ESR 45/30	907 934	12 700	50
ESB 60/30 VA	30 × 188	908 153	908 154	908 155	908 156	908 157	908 158	908 159	—	—	—	ESR 60/30	908 152	9 500	50
ESB 75/30 VA	30 × 236	907 967	907 968	907 969	907 970	907 971	907 972	907 973	—	—	—	ESR 75/30	907 935	7 600	50
PSWB 75/75 VA	75 × 251	907 866	907 867	907 868	907 869	907 870	907 871	907 872	907 873	—	—	PSW 75/75	907 851	6 000	10
PSWB 120/80 VA	85 × 383	907 858	907 859	907 860	907 861	907 862	907 863	907 864	907 865	—	—	PSW 120/80	907 850	4 000	10

Abrasive belts FVV Type	Dimensions	Grades and Order No.			Sanding drum	Order No.	Max. RPM	
		coarse	medium	very fine				
ESB 75/30 FVV	30 × 236	907 974	907 975	907 976	ESR 75/30	907 935	5 000	20
PSWB 75/75 FVV	80 × 251	907 855	907 856	907 857	PSW 75/75	907 851	4 500	5
PSWB 120/80 FVV	90 × 390	907 852	907 853	907 854	PSW 120/80	907 850	3 200	5

Abrasive belts TZ Type	Dimensions	A 160 (K120)	A 100 (K220)	A 65 (K280)	A 45 (K400)	A 30 (K600)	A 16 (K1200)	A 6 (K2500)	Sanding drum	Order No.	Max. RPM	
ESWB 45/30 TZ	30 × 143	909 322	909 321	909 320	909 319	909 318	909 317	—	ESR-W 45 × 30	908 802	12 700	20
ESWB 60/30 TZ	30 × 190	909 316	909 315	909 314	909 313	909 312	909 311	—	ESR-W 60 × 30	908 927	9 500	20
PSWB 75/75 TZ	80 × 251	909 507	909 506	909 504	909 503	909 502	909 501	909 500	PSW 75 × 75	907 851	4 000	10

SUN-fix

The first complete grinding system



Roll-on



Turn-on



The SUN-fix grinding system from **SUHNER** with quick-release fastener! Compared with all previous systems, ours offers the following advantages:

Maximum safety and longest service life for the grinding discs due to the connection with the backing plate.

The right abrasive for each work step (from material removal to finishing).

A matching range of machines, electric and pneumatic machines, and flexible shaft machines.

SUN-fix VA/ST (abrasive sheets)

For steel, stainless steel, cast steel, titanium, and Hastalloy. The integrated coolant prevents the workpiece from discolouring and overheating; this in turn increases the disc service life and the grinding performance (by up to 25%).

VA/ST	mm	Grain type	Roll-on		Turn-on		Max. RPM	
			Type	Order No.	Type	Order No.		
	19	36	SB R 19 VA/ST	—	SB 19 VA/ST	908 641	20 000	100
		60		—		908 642		
		80		—		908 643		
		120		—		908 644		
	25	36	SB R 25 VA/ST	—	SB 25 VA/ST	900 920	20 000	100
		60		—		900 921		
		80		—		900 922		
		120		—		908 645		
	50	36	SB R 50 VA/ST	908 454	SB 50 VA/ST	900 923	20 000	100
		60		908 455		900 924		
		80		908 456		900 925		
		120		908 764		908 646		
	75	36	SB R 75 VA/ST	908 460	SB 75 VA/ST	900 926	12 000	50
		60		908 461		900 927		
		80		908 462		900 928		
		120		908 765		908 647		

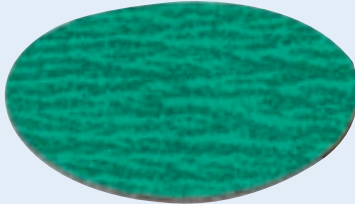
SUN-fix SC (abrasive sheets)

This abrasive is ideally suited for grinding aluminium, titanium, stone, brass, bronze and non-ferrous metals.

SC	Ø mm	Grain type	Roll-on		Turn-on		Max. RPM	
			Type	Order No.	Type	Order No.		
	50	36	SB R 50 SC	908 457	SB 50 SC	900 990	20 000	100
		60		908 458		900 991		
		80		908 459		900 992		
		120		908 466		900 993		
		180		908 467		900 994		
		240		908 468		900 995		
	75	320		908 524		900 996		
		36	SB R 75 SC	908 929	SB 75 SC	908 684	12 000	50
		60		908 930		908 685		
		80		908 931		908 686		
		120		908 932		908 687		
		180		908 933		908 688		
		240		908 934		908 689		
		320		908 935		908 690		

SUN-fix VA (abrasive sheets)

Specially well suited for stainless steel. The added coolant results in an optimum surface and prevents discolouration.

VA	Ø mm	Grain type	Roll-on		Turn-on		Max. RPM	
			Type	Order No.	Type	Order No.		
	50	36	SB R 50 VA	908 451	SB 50 VA	900 930	20 000	100
		60		908 452		900 931		
		80		908 453		900 932		
	75	36	SB R 75 VA	908 460	SB 75 VA	900 933	12 000	50
		60		908 461		900 934		
		80		908 462		900 935		

SUN-fix FVVS (reinforced non-woven finishing discs)

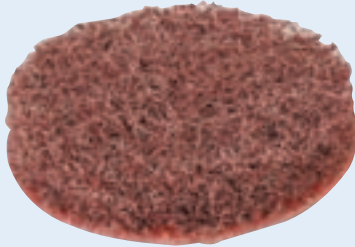
Ideal for light-duty deburring, for removing pre-grinding marks as well as rust and oxidation. For a clean, smooth surface finish. For all grinding operations finer than grain 80/120.

FVVS	Ø mm	Grade	Roll-on		Turn-on		Max. RPM	
			Type	Order No.	Type	Order No.		
	19	C (coarse)	FVVS R 19	—	FVVS 19	900 940	20 000	50
		M (medium)		—		—		
		VF (very fine)		—		900 941		
	25	C (coarse)	FVVS R 25	—	FVVS 25	900 942	20 000	50
		M (medium)		—		900 943		
		VF (very fine)		—		900 944		
	50	C (coarse)	FVVS R 50	908 477	FVVS 50	900 945	20 000	50
		M (medium)		908 476		900 946		
		VF (very fine)		908 475		900 947		
	75	C (coarse)	FVVS R 75	908 480	FVVS 75	900 948	12 000	25
		M (medium)		908 479		900 949		
		VF (very fine)		908 478		900 950		

Abrasives	Recommended machines					
	Electric power tools		Pneumatic power tools		Flexible shaft machines	
SUN-fix Ø 19			LWB 20	22	MINIFIX 25-R, ROTOFIX	28-43
SUN-fix Ø 25			LWB 20	22	MINIFIX 25-R, ROTOFIX	28-43
SUN-fix Ø 50			LWB 20, LPB 12	22	MINIFIX 25-R, ROTOFIX	28-43
SUN-fix Ø 75	UWG 10-R	16-17	LPB 12, LWC 16	22-24	MINIFIX 25-R, ROTOFIX	28-43

SUN-fix FVBS (open-web non-woven finishing discs)

Synthetic non-woven fibre discs for fast, effective removal of light oxidation, for preping parts prior to lacquer coating, and for high-gloss effect polishing.

FVBS	Ø mm	Grade	Roll-on		Turn-on		Max. RPM	
			Type	Order No.	Type	Order No.		
	25	C (coarse)	FVBS R 25	—	FVBS 25	913 034	20 000	50
		M (medium)		—		913 035		
		F (fine)		—		913 036		
		VF (very fine)		—		913 037		
	50	C (coarse)	FVBS R 50	913 046	FVBS 50	913 038	20 000	50
		M (medium)		913 047		913 039		
		F (fine)		913 048		913 040		
		VF (very fine)		913 049		913 041		
	75	C (coarse)	FVBS R 75	913 050	FVBS 75	913 042	12 000	25
		M (medium)		913 051		913 043		
		F (fine)		913 052		913 044		
		VF (very fine)		913 053		913 045		

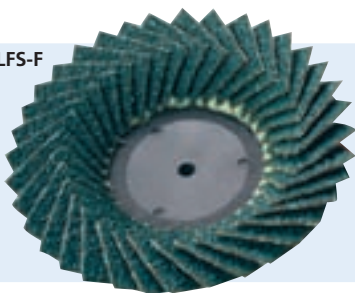
SUN-fix LFS (mini ribbed discs)

Low-temperature, gentle, fatigue-free grinding. extremely long service life, and consistent grinding performance. Suitable for stainless steel, cast steel, steel, chromium and nickel alloys, non-ferrous metals and aluminium.

LFS	Ø mm	Grain type	Roll-on		Turn-on		Max. RPM	
			Type	Order No.	Type	Order No.		
	50	40	LFS R 50 VA	908 785	—	—	20 000	10
		60		908 786		—		
		80		908 787		—		
	75	40	LFS R 75 VA	908 788	—	—	12 000	10
		60		908 789		—		
		80		908 790		—		

SUN-fix LFS-F (flexible mini ribbed discs)

Optimum cooling of both disc and workpiece, ideal for use in curved areas and radii. Suitable for stainless steel, cast steel, steel, chromium and nickel alloys, non-ferrous metals and aluminium.

LFS-F	Ø mm	Grain type	Roll-on		Turn-on		Max. RPM	
			Type	Order No.	Type	Order No.		
	50	40	LFS-F R 50 VA	908 791	—	—	20 000	10
		60		908 792		—		
		80		908 793		—		
	75	40	LFS-F R 75 VA	908 794	—	—	12 000	10
		60		908 795		—		
		80		908 796		—		

SUN-fix SBH (backing pad)

SBH with detachable 6 mm shaft and ¼" inner thread or with M14 inner thread for angle grinders.

SBH



SBH M14



Ø mm	Hard- ness	Roll-on Type	 Order No.	Turn-on Type	 Order No.	Max. RPM	
6	–	SBH R	–	SBH	900 976	20 000	1
19	medium		–		900 970		
25	medium		908 797		900 971		
50	medium		908 525		900 972		
50	hard		909 104		900 973	12 000	
75	medium		908 526		900 974		
75	hard		–		900 975		
50	medium	SBH R M14	908 601	SBH M14	908 599	20 000	1
75	medium		908 602		908 600	12 000	

INNOVATIONS

Flexible abrasive brushes FBSW

Adapts to all contours.

The uniquely flexible design allows edges and contours to be sanded in one go.

Achieves a highly aesthetic brushed finish on all surface areas.

Ideally suited for stainless steel, steel, metal and wood.



Designation	Grain type	Dimensions	Max. RPM	Shaft	Order No.	
FBSW 60/30	80	60 x 30 mm	12700	6 mm	909 992	10
	120				909 993	
FBSW 60/50	80	60 x 50 mm	12700	6 mm	909 994	10
	120				909 995	

OPN PLUS

The premium grinding disc for orbital sanders.

Flexible grinding disc for surface treatment of stainless steel, fibre glass, carbon, synthetic materials, composites, wood, paint and lacquer.

For removing surface damage and general cleaning operations.

For an even surface finish without any disc clogging.

For extremely low-dust work.



Designation	Grain type	Diameter	Order No.	
OPN PLUS 150	40	150 mm	909 938	50
	60		909 939	
	80		909 969	
	120		909 970	
	180		909 971	
	220		909 972	
	320		909 973	
	400		909 974	
	600		909 975	
	800		909 976	
Designation	Grain type	Diameter	Order No.	
OPN PLUS 120	40	120 mm	909 936	50
	60		909 937	
	80		909 962	
	120		909 963	
	180		909 964	
	220		909 965	
	320		909 966	
	400		909 967	
	600		909 968	
	–		–	

Electric power tools

Power packs with typically high efficiency ratings



UWK 10-R

UPK 5-R
UPG 5-R

Angle grinders and special tools

SUHNER electric power tools – high output power, safety and reliability guaranteed.

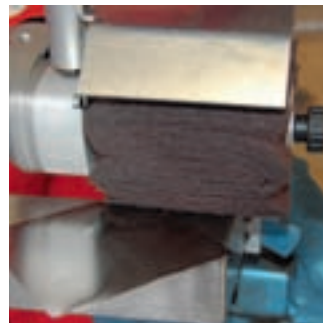
High output with a low tool weight.

Electric grinders designed specially for industry and trade.

Spindle lock for quick disc change.

Ergonomic design and smooth running for effortless, concentrated work.

Low-RPM grinders for polishing and working stone with water feed.



UWG 10-R



UPC 2-R



UKC 3-R



Type		Designation	Voltage	Order No.	Power	RPM	Working spindle
	UWK 10-R 125	Angle grinders (adjustable)	230 V	111 200	1530 W	4600–10500	M14
	UWK 10-R 150	Angle grinders (adjustable)	230 V	111 204	1530 W	4600–10000	M14
	UPK 5-R	Angle polisher (adjustable)	230 V	111 236	1530 W	1700–3600	19x100 mm
	UPG 5-R	Angle polisher (adjustable)	230 V	111 234	1050 W	1800–4000	19x100 mm
	UWG 10-R 125	Angle grinders (adjustable)	230 V	111 208	1050 W	4200–10000	M14
	UPC 2-R	Angle polisher (adjustable)	230 V	111 089	500 W	1000–2000	M14
	UWC 7	Single-handed angle grinders	230 V	111 107	500 W	7000	M14
	UWC 10	Single-handed angle grinders	230 V	111 109	500 W	10000	M14
	UKC 3-R	Fillet weld grinders	230 V	111 206	500 W	1400–3200	M14

Slim-line power tools

Optimum speeds for a variety of applications

Straight grinders

SUHNER high-performance straight grinders cover all areas of application at both high and low speeds.

Optimum machine handling thanks to long spindle housings.

Electronic speed control on both USC models for variable selection of the optimum speed.

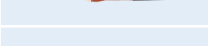
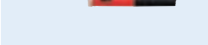




USG 33-R

USC 9-R

USC 25-R

Type		Designation	Voltage	Order No.	Power	RPM	Collet mm
	USK 3-R	Straight grinders (adjustable)	230 V	111 194	1530 W	1400-3000	12
	USK 6-R	Straight grinders (adjustable)	230 V	111 196	1530 W	2800-5800	6
	USK 15 R	Straight grinders (adjustable)	230 V	111 198	1530 W	6800-14500	6
	USG 9-R	Straight grinders (adjustable)	230 V	111 241	1050 W	3800-8300	6
	USG 33-R	Straight grinders (adjustable)	230 V	111 214	1050 W	15000-33000	6
	USC 9-R	Straight grinders (adjustable)	230 V	111 079	500 W	4000-9000	6
	USC 25-R	Straight grinders (adjustable)	230 V	110 080	500 W	11000-25000	6

Pneumatic power tools

High-powered sensitivity at your fingertips



LWA 80/81

Small lightweight angle grinders.

Suitable for fine milling and grinding.

"80" with air exhaust to the front (adjustable).

"81" with air exhaust to the rear (hose-integrated silencer).

LGS 30

Marking pen with carbide point for engraving metal, glass, stone and plastics.

Vibration-free operation.

Type	Designation	Order No.	Idling RPM	Collet mm	Power	Air consumption when idling (m³/min)	Exhaust air	Weight kg
LWA 80	Angle grinders	47 516 01	80000	3	75 W	0.200	to the front	0.120
LWA 81	Angle grinders	57 970 01	80000	3	75 W	0.200	to the rear	0.270
LGS 30	Engraving pen	57 950 01	30000 (frequency)	–	–	0.030	to the front	0.150

LSA 61/77 / 80 / 81

Straight grinders in mini-format.

Extremely light power tool, as light as a pencil in your hand. Ideal for tool and mould design.

Tough, durable, and with a proven track record.

"80" with air exhaust to the front (adjustable).

"81" with air exhaust to the rear (hose-integrated silencer).

LSA 61

LSA 77

LSA 80

LSA 81

Type	Designation	Order No.	Idling RPM	Collet mm	Power	Air consumption when idling (m³/min)	Exhaust air	Weight kg
LSA 61	Straight grinders	59 100 02	60000	3	110 W	0.200	to the rear	0.310
LSA 77	Straight grinders	112 013	77000	3	110 W	0.310	to the rear	0.344
LSA 80	Straight grinders	47 479 01	80000	3	75 W	0.200	to the front	0.160
LSA 81	Straight grinders	57 070 01	80000	3	75 W	0.200	to the rear	0.310

Pneumatic power tools

Hands-on grinding solutions...

LWB 20 DH



LSB 35/20 DH



LPB 12 DH



LWB 20 DH, LSB 35/20 DH, LPB 12 DH

High-powered straight grinders and angle grinders with lever throttle.

Optimised gear mounting, ideally suited for working in confined spaces.

Extremely compact yet highly powerful.

The LPB 12 DH with ¼" working spindle, compatible with SUN-fix quick-release system (p. 11–13).

Type	Designation	Order No.	Idling RPM	Collet/spindle mm	Power	Air consumption when idling (m³/min)	Exhaust air	Weight kg
LWB 20 DH	Angle grinders	59 352 01	20000	6	250 W	0.52	to the front	0.370
LSB 35 DH	Straight grinders	59 350 01	35000	6	220 W	0.52	to the front	0.290
LSB 20 DH	Straight grinders	59 320 01	20000	6	270 W	0.59	to the front	0.400
LPB 12 DH	Angle grinders	59 351 02	12000	¼" spindle	250 W	0.48	to the front	0.390

LSB 44 DH

LFC 11

LSB 70

LSB 44 DH

The LSB 44 DH is a powerful straight grinder with multi-disc motor and ergonomically shaped grip.

LFC 11

All-purpose pneumatic file for deburring, filing, grinding, polishing, cutting, sawing, etc.

Features include a steplessly adjustable stroke (2–8 mm) and high operating speed (12000 RPM)

Practically noise and vibration-free.

LSB 70

The LSB 70 turbo grinder is setting new performance standards among high-speed straight grinders.

Type	Designation	Order No.	Idling RPM	Collet mm	Power	Air consumption when idling (m³/min)	Exhaust air	Weight kg
LSB 44 DH	Straight grinders	59 330 01	44000	6	250 W	0.52	to the rear	0.340
LFC 11	All-purpose file	59 040 01	12000	–	300 W	0.25	to the rear	0.620
LFC 11 set	All-purpose file set	111 137 01	12000	–	300 W	0.25	to the rear	0.620
LSB 70	TOP turbo straight grinders	57 720 01	70000	3	220 W	0.25	to the rear	0.420

Pneumatic power tools

State-of-the-art and power-packed

Pneumatic power tools for operation either with or without oil.

Clean exhaust air and breathing air; no oil film deposits on the workpieces.

High performance even when running dry, in continuous operation, long service life thanks to HT Compound motor parts.

Ergonomic design, cold-insulating plastic housing.

With lever throttle.



LWC 16 H

LLC 23 H

LWC 17 H 45°

Pneumatic machines Type	Designation	Order No.	Idling RPM	Collet mm	Power	Air consumption when idling (m³/min)	Exhaust air	Weight kg
LWC 16 H	TOP angle grinders	52 373 43	16000	6	330 W	0.660	to the rear	0.600
LWC 17 H 45°	TOP angle grinders	59 085 01	17000	6	330 W	0.660	to the rear	0.880
LSC 23 H	TOP straight grinders	52 373 41	23000	6	330 W	0.660	to the rear	0.600
LLC 23 H	TOP extended-spindle straight grinders	52 373 42	23000	6	330 W	0.660	to the rear	0.810
LLC 4 H	TOP extended-spindle straight grinders	52 373 75	3500	6	340 W	0.660	to the rear	0.980



LSC 23 H

LLC 4 H

LSC, LLC and LWC TOP

Powerful, tried-and-tested straight grinders and angle grinders in heavy-duty design. Slim shape, stable spindle bearing and good noise insulation.

LLC 4 TOP

Ideal for non-woven abrasives, surface grinders, abrasive belts on rubber supports, nylon and fibre brushes, and buffing mops.

LWG, LLG, LSG

900 W: Outstanding design-to-power ratio.
State-of-the-art noise reduction technology.
Exhaust air expelled to the rear.



LSG 16 H
LSG 20 H

LLG 4 H
LLG 16 H
LLG 20 H

LWG 12 H

Pneumatic machines Type	Designation	Order No.	Idling RPM	Collet/spindle mm	Power	Air consumption when idling (m³/min)	Exhaust air	Weight kg
LWG 12 H	Angle grinders	112 006	12000	M 14	900 W	0.700	to the rear	1.700
LLG 4 H	Extended spindle straight grinders	112 003	4000	6	900 W	0.700	to the rear	1.700
LLG 16 H	Extended spindle straight grinders	112 004	16000	6	900 W	0.700	to the rear	1.600
LLG 20 H	Extended spindle straight grinders	112 005	20000	6	900 W	1.000	to the rear	1.600
LSG 16 H	Straight grinders, short	112 001	16000	6	900 W	0.700	to the rear	1.100
LSG 20 H	Straight grinders, short	112 002	20000	6	900 W	1.000	to the rear	1.100

LWH, LLH

Powerful angle and straight grinders for the most demanding standards in industrial applications.

Very sturdy spindle bearing, ergonomic design, high level of sound absorption, insulated housing.

Ideal for all heavy-duty work such as roughing, cutting, milling, brushing in foundries, ship-building and mechanical engineering, automobile industry, etc.

LWH 6 for grinding discs Ø 178 mm.

LWH 9 for grinding discs Ø 150 mm.

LWH 12 for grinding discs Ø 125 mm.

LLH 12 with SPG mandrel (M 14 thread) and SH 127 wheel guard for abrasive wheels up to Ø 125 x 25 x 22 mm.

Ideal for processing weld seams, etc.

**LLH 12 HR
with SH 127**

**LWH 6 H
LWH 9 H
LWH 12 H**

**LLH 7 H
LLH 12 H
LLH 20 H**



Pneumatic machines Type	Designation	Order No.	Idling RPM	Collet/spindle mm	Power	Air consumption when idling (m³/min)	Exhaust air	Weight kg
LWH 6 H	Angle grinders	52 056 13	6000	M 14	1000 W	0.600	to the rear	2.500
LWH 9 H	Angle grinders	52 056 17	9000	M 14	1000 W	1.660	to the rear	2.500
LWH 12 H	Angle grinders	52 056 15	12000	M 14	1000 W	1.660	to the rear	2.500
LLH 7 H	Extended spindle straight grinders	52 056 57	7000	8	1000 W	0.600	to the rear	2.400
LLH 12 H	Extended spindle straight grinders	52 056 55	12000	8	1000 W	1.660	to the rear	2.300
LLH 20 H	Extended spindle straight grinders	52 056 53	20000	8	1000 W	1.660	to the rear	2.300

Accessories Type	Designation	Order No.
SH 127	D 127 mm wheel guard for LLH 7 H	52 244 01

MINIFIX

Precision work in a class of its own

Very lightweight and easy to handle, fatigue-free operation guaranteed.

Intricate right-angled and straight handpieces for optimum application.

MINIFIX 25-R:

Integrated variable tachometer electronics

Speed control from 11000–25000 RPM

MINIFIX 9-R:

Integrated variable tachometer electronics

Speed control from 4000–9000 RPM

Areas of application:

Tool and mould design, jewellery and dental industry, engine tuning, model making, etc., for use with carbide burrs, grinding tips, flap wheels (up to Ø 40 mm), wire brushes (up to Ø 40 mm), polishing bobs, felt polishing bobs, non-woven fibre brushes and discs.

Technical data

Universal motor, fully insulated, 230/120 V, 50/60 Hz

Power input:

MINIFIX 25-R 500 W

MINIFIX 9-R 500 W

Idling speed:

MINIFIX 25-R 11000–25000 RPM

MINIFIX 9-R 4000–9000 RPM

Flexible shaft connection: DIN 10

Vibration dampening for low-vibration motor

Standard equipment

Tool only: 3 m cable with plug, 2 locking pins, type 10



Type	Designation	Voltage	Order No.	Weight kg
	MINIFIX 25-R set	230 V, 50 Hz	110 153	4.650
		120 V, 60 Hz	110 154	
	Complete flexible shaft set: Fully insulated drive motor, 3 m cable with plug, flexible shaft NA 4 × 1250 mm DIN 10/G16, FH4 tool holder with 6 mm collet. Tool set: 1 ceramic-bond mounted point K 0816 V, B 1303 V, F 0808 V, 1 mounted polishing point FPB 1208, 1 set of spanners, metal carrier case.			

Combination options

	DIN10		G 16	 FH 4 (6 mm)	57 570 01											
		NA 4 × 1250 DIN 10 / G 16	30 002 02	 Wi 4 (3 mm)	57 661 01											
<table><tr><th colspan="3">MINIFIX 25-R</th></tr><tr><th>Voltage</th><th>Order No.</th><th>Weight kg</th></tr><tr><td>230 V, 50 Hz</td><td>110 163</td><td rowspan="2">1.650</td></tr><tr><td>120 V, 60 Hz</td><td>110 164</td></tr></table>						MINIFIX 25-R			Voltage	Order No.	Weight kg	230 V, 50 Hz	110 163	1.650	120 V, 60 Hz	110 164
MINIFIX 25-R																
Voltage	Order No.	Weight kg														
230 V, 50 Hz	110 163	1.650														
120 V, 60 Hz	110 164															
	DIN10		G 22	 WB 4	110 220											
		NA 7 × 1500 DIN 10 / G 22	30 007 02	 FH 7 (6 mm)	49 530 01											
				 WI 7 (6 mm)	57 645 01											
				 WI 7 -45° (6 mm)	57 662 01											

DIN 10 extension system	Order No.		Weight kg	
	59 231 01	Connection for flexible shaft machine Minifix 9-R	1.100	Individually combinable to required length, up to max. 5 m.
	59 189 01	Extension, length 400 mm	1.150	
	59 189 02	Extension, length 1000 mm	2.800	
	59 190 01	Front piece, length 140 mm (6 mm collet)	0.360	

ROTOSET

Taking it to the next level

Power tools with universal motor.

ROTOSET 25-R:

Integrated variable tachometer electronics:
Speed control from 11000–25000 RPM
Constant operating speeds, even under load
Overload protection

ROTOSET 28:

28000 RPM high-speed power tool, with no electronics

Suitable for use with external speed controllers, e.g. with SC 01 controllable from approx. 10000 to 28000 RPM.

Areas of application:

Grinding, milling, roughing, cutting, brushing and polishing for DIY, precision engineering, tool and mould design, engine tuning, assembly work.

Technical data

Universal motor, fully insulated, 230/120 V, 50/60 Hz

Power input:

ROTOSET 25-R, 1000 W

ROTOSET 28, 750 W

Idling speed:

ROTOSET 25-R, 11000–25000 RPM

ROTOSET 28, 28000 RPM

Flexible shaft connection: DIN 10

Vibration dampening for low-vibration motor

Standard equipment

Tool only: 3 m cable with plug, 2 locking pins, type 10



Type	Designation	Voltage	Order No.	Weight kg
	ROTOSET 25-R Set	230 V, 50 Hz	110 159	11.000
		120 V, 60 Hz	110 160	
	ROTOSET 28 Set	230 V, 50 Hz	110 157	11.000
		120 V, 60 Hz	110 158	
Complete ROTOSET kit: Universal motor, fully insulated, with combined foot and suspension bracket, 3 m cable and plug. Flexible shaft NA 7 × 2000 mm, DIN 10/G22; FH 7 tool holder with 6 mm collet; angle grinder attachment WIG7 (2.7:1 reduction ratio) with wheel guard and flange for grinding and cutting wheels 115 mm Ø.				
Tool set: 1 grinding disc 115 mm Ø, 1 cutting disc 115 mm Ø, 1 steel wire cup brush TDB 70, 70 mm Ø, 1 synthetic backing pad type FSS 110, 2 off corundum fibre wheels type KFS 115 ST grain 60 and 120, 1 set of spanners, sturdy metal carrier case.				

Type	Designation	Voltage	Order No.	Weight kg
	SC 01	230 V, 50 Hz	110 039	1.200
		120 V, 60 Hz	110 070	
	Electronic speed controller for ROTOSET 28			Speed control range approx. 10000–28000 RPM.

Combination options

Type	Order No.	Type	Order No.								
	DIN10		49 530 01								
<table><tr><th colspan="3">ROTOSET 25-R</th></tr><tr><th>Voltage</th><th>Order No.</th><th>Weight kg</th></tr><tr><td>230 V, 50 Hz</td><td>110 152</td><td rowspan="2">2.850</td></tr><tr><td>120 V, 60 Hz</td><td>110 151</td></tr></table>		ROTOSET 25-R			Voltage	Order No.	Weight kg	230 V, 50 Hz	110 152	2.850	120 V, 60 Hz
ROTOSET 25-R											
Voltage	Order No.	Weight kg									
230 V, 50 Hz	110 152	2.850									
120 V, 60 Hz	110 151										
	DIN10		57 645 01								
<table><tr><th colspan="3">ROTOSET 28</th></tr><tr><th>Voltage</th><th>Order No.</th><th>Weight kg</th></tr><tr><td>230 V, 50 Hz</td><td>110 150</td><td rowspan="2">2.850</td></tr><tr><td>120 V, 60 Hz</td><td>110 149</td></tr></table>		ROTOSET 28			Voltage	Order No.	Weight kg	230 V, 50 Hz	110 150	2.850	120 V, 60 Hz
ROTOSET 28											
Voltage	Order No.	Weight kg									
230 V, 50 Hz	110 150	2.850									
120 V, 60 Hz	110 149										
			57 662 01								
NA 7 x 2000 DIN 10 / G 22		49 790 01									
			49 608 04								
			110 221								
		WB 7									

ROTOSTAR

The starring role when versatility is key

SUHNER high-performance tool with fully insulated motor.

High torque at all speed levels due to eccentric gear reduction.

For high-performance work even in areas difficult to access.

Jolt-free soft start (230 V types) for enhanced operating safety.

Startup current limitation for use on power grids with low fuse ratings or on generators.

Areas of application:

Cutting, roughing, milling, grinding, de-rusting, brushing, polishing, for medium to heavy-duty work in mechanical workshops, fitters and metal-working shops, tool and mould design, and off-site assembly work.

Technical data

Universal motor, fully insulated, 230/120 V, 50/60 Hz

Power input: 1700 W

Speeds: 3000, 6000, 12000 RPM (mechanical, through eccentric gear)

Flexible shaft connection: DIN 10

Vibration dampening for low-vibration motor

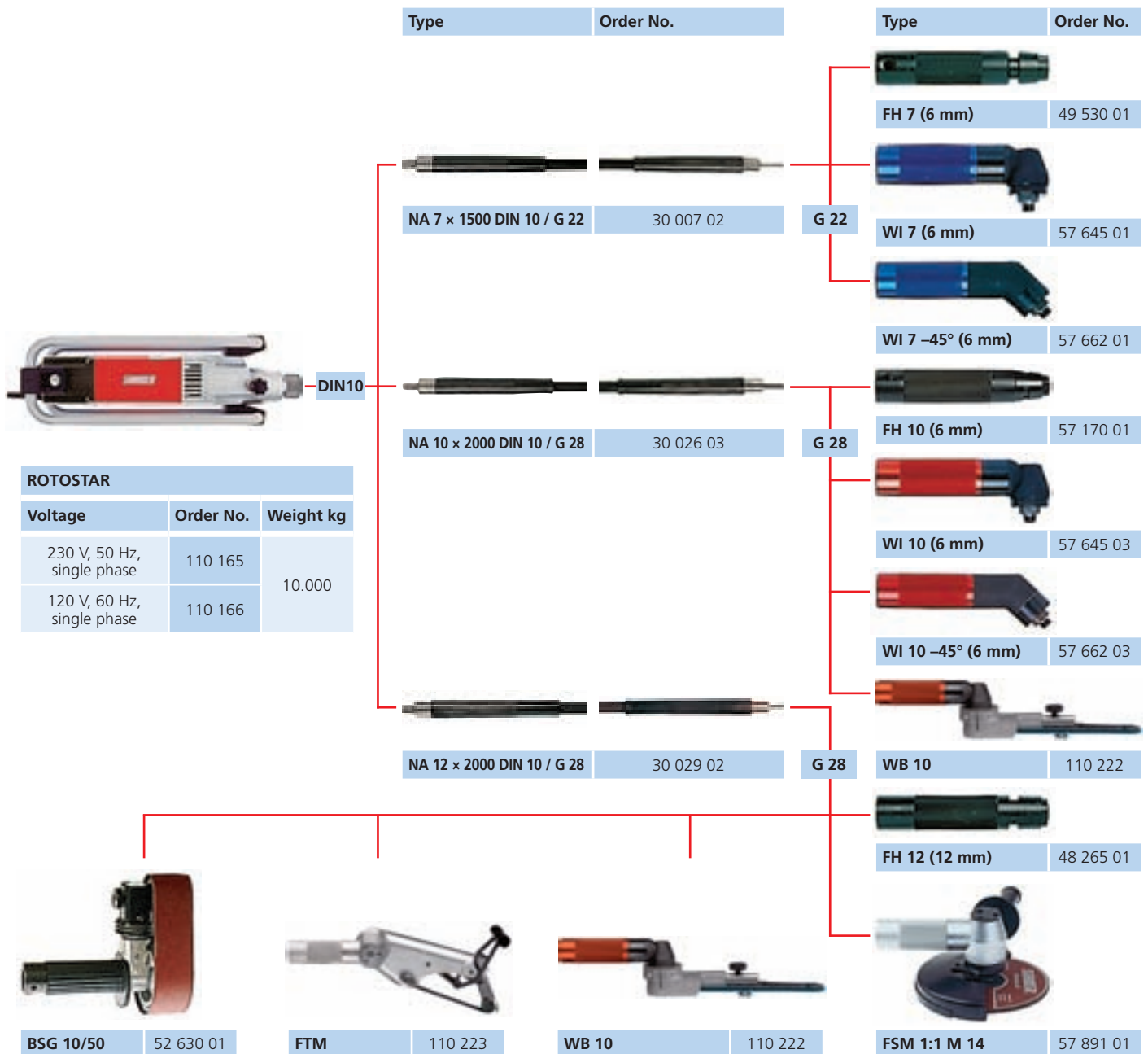
Standard equipment

Tool only: 3 m cable with plug, 2 locking pins, type 10



Type	Designation	Voltage	Order No.	Weight kg
	ROTOSTAR set	230 V, 50 Hz, single phase	110 143	19.800
		120 V, 60 Hz, single phase	110 144	
	Complete flexible shaft set: Fully insulated universal motor with 3 speeds (3000, 6000, 12000 RPM), 3 m cable with plug, with flexible shaft NA 10x2000 mm DIN 10/ G28, FH 10 tool holder with 6 mm collet, sturdy metal carrier case, set of spanners.			

Combination options



ROTOFIX

The all-rounder

Gear-driven tool with 5 speeds.

Extremely rugged design for trouble-free operation.

Three-phase motor for optimum use of tools and grinding attachments.

Multi-purpose tool with extensive selection of **SUHNER** quality accessories.

Choice of 3 models

F: with base plate

STM: trolley-mounted

HM: with suspending attachment

Technical data:

Three-phase motor, IP 44 protection class

Power input: 0.50 kW

Voltage 400 V, 50 Hz

Speeds 750, 1400, 3000, 6300 and 11000 RPM

Flexible shaft connection:

for Switzerland and for general exports:

G28, (type HM DIN 10);

for Germany, Denmark and Holland: DIN 10

Motor and gear drive fully enclosed and jacket-cooled, with built-in ON/OFF switch, carrying handle, 3 m cable, manually switchable gear change at standstill, swivel-mounted unit

Also available with insulation coupling.

Protection class 1

Areas of application:

Grinding, milling, brushing, polishing and drilling for mould and tool design. In mechanical workshops, in the shoe and glass industry.



ROTOFIX		F		STM		HM
						
Flexible shaft connection:		G 28	DIN 10	G 28	DIN 10	DIN 10
Order No.	400 V, 50 Hz, three-phase	110 007	110 008	110 011	110 012	110 010
Weight kg		11.500	11.500	31.800	31.800	12.150

Combination options



ROTOFIX G 28

0.50 kW
750, 1400, 3000, 6300 and
11000 RPM

G 28

Type	Order No.
	30 001 02
NA 4 x 1250 G 28 / G 16	
	30 009 02
NA 7 x 1500 G 28 / G 22	
	10 510 01
RG G 28	

G 16

Type	Order No.
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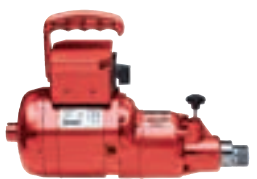
	57 570 01
FH 4 (6 mm)	

	57 661 01
Wi 4 (3 mm)	

G 22

	49 530 01
FH 7 (6 mm)	

	57 645 01
Wi 7 (6 mm)	



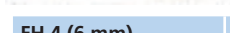
ROTOFIX DIN 10

0.50 kW
750, 1400, 3000, 6300 and
11000 RPM

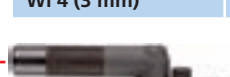
DIN 10

	30 002 02
NA 4 x 1250 DIN 10 / G 16	
	30 007 02
NA 7 x 1500 DIN 10 / G 22	
	10 510 03
RG DIN 10	

G 16

	57 570 01
FH 4 (6 mm)	

	57 661 01
Wi 4 (3 mm)	

	110 220
WB 4	

G 22

	49 530 01
FH 7 (6 mm)	

	57 645 01
Wi 7 (6 mm)	



WB 7	110 221
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High-speed gear unit RG for speeds in excess
of 12000 RPM with NA 4 and NA 7.

The machines are supplied without a plug.
A suitable plug must therefore be fitted by an
approved and qualified specialist.

ROTOFERA

The seven-speed genius

Gear-driven tool with 7 speeds – saves energy and costs.

Long service life and maximum performance with 1.00 kW three-phase motor.

Versatile multi-purpose machine, backed up by an extensive range of **SUHNER** quality accessories.

Very rugged aluminium housing for use in industrial applications.

Choice of 3 models

F: with base plate

STM: trolley-mounted

HM: with suspending attachment

Areas of application:

Cutting, roughing, grinding, milling, de-rusting, brushing and polishing. For exacting work in mechanical workshops, fitters' shops and metalworking shops, in mould and tool design, in stainless steel processing plants (kitchen and hospital accessories).

Technical data:

Three-phase motor, IP 44 protection class

Power input 1.00 kW

Voltage 400 V, 50 Hz

Speeds 850, 1600, 2100, 3200, 5700, 8000 and 12000 RPM

Flexible shaft connection:

for Switzerland and for general exports:

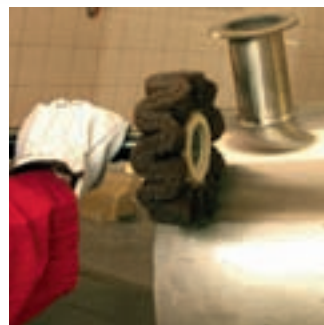
G28 (type HM DIN 10);

for Germany, Denmark and Holland: DIN 10

Motor and gear drive fully enclosed and jacket-cooled, with built-in ON/OFF switch, carrying handle, 3 m cable, manually switchable gear change at standstill, swivel-mounted unit

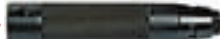
Also available with insulation coupling

Protection class 1



ROTOFERA		F		STM		HM
						
Flexible shaft connection:		G 28	DIN 10	G 28	DIN 10	DIN 10
Order No.	400 V, 50 Hz, three-phase	110 019	110 020	110 023	110 024	110 022
	42 V, 50 Hz, three-phase	110 019 05	110 020 10	110 023 26	110 024 09	
Weight kg		16.800	16.800	37.700	37.700	16.600

Combination options

		Type	Order No.			Type	Order No.	
	G 28		NA 10 x 1500 G 28 / G 28	30 015 02	G 28		FH 10 (6 mm)	57 170 01
			NA 10 x 2000 G 28 / G 28	30 015 03			FSM 1:1 only with NA 12	57 891 01
			NA 12 x 2000 G 28 / G 28	30 028 02			FTM	110 223
			RG G 28	10 510 01			FH 12 (12 mm)	48 265 01
		DIN 10		NA 10 x 1500 DIN 10 / G 28		30 026 02	G 28	
			NA 10 x 2000 DIN 10 / G 28	30 026 03		WB 10		110 222
			NA 12 x 2000 DIN 10 / G 28	30 029 02		BSG 10/50 only with NA 12		52 630 01
			RG DIN 10	10 510 03				

ROTOFERA G 28
1.00 kW
850, 1600, 2100, 3200, 5700,
8000 and 12000 RPM

ROTOFERA DIN 10
1.00 kW
850, 1600, 2100, 3200, 5700,
8000 and 12000 RPM

High-speed gear unit RG for speeds in excess of 12000 RPM with NA 4 and NA 7.

The machines are supplied without a plug. A suitable plug must therefore be fitted by an approved and qualified specialist

High-speed gear unit RG for speeds in excess of 12000 RPM with NA 4 and NA 7.

The machines are supplied without a plug. A suitable plug must therefore be fitted by an approved and qualified specialist.

ROTAR

The powerhouse with a multitude of possibilities

Six-speed gear-driven tool.

Ideally suited for heavy-duty work.

Trouble-free multi-purpose tool, backed up by an extensive range of **SUHNER** quality accessories.

Available in 2 motor sizes:
2.40 kW or 3.20 kW.

Choice of 3 models

F: with base plate

STM: trolley-mounted

HM: with suspending attachment

Areas of application:

Grinding, cutting, roughing, de-rusting, polishing, brushing, etc. For heavy-duty work in foundries, in the boiler-making and steel industries, in mechanical workshops, and in stainless steel processing plants.

Technical data:

Three-phase motor, IP44 protection class

Power input 2.40 kW or 3.20 kW.

Voltage 400 V, 50 Hz

Speed range IV: 1000, 1700, 2700, 5100, 7300 and 13500 RPM

Motor and gear drive fully enclosed and jacket-cooled

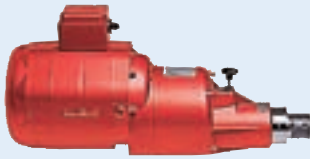
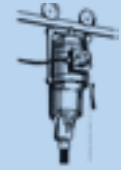
Flexible shaft connection: DIN15

Star-delta switch with 3 m cable, manually switchable gear change at standstill, swivel-mounted unit

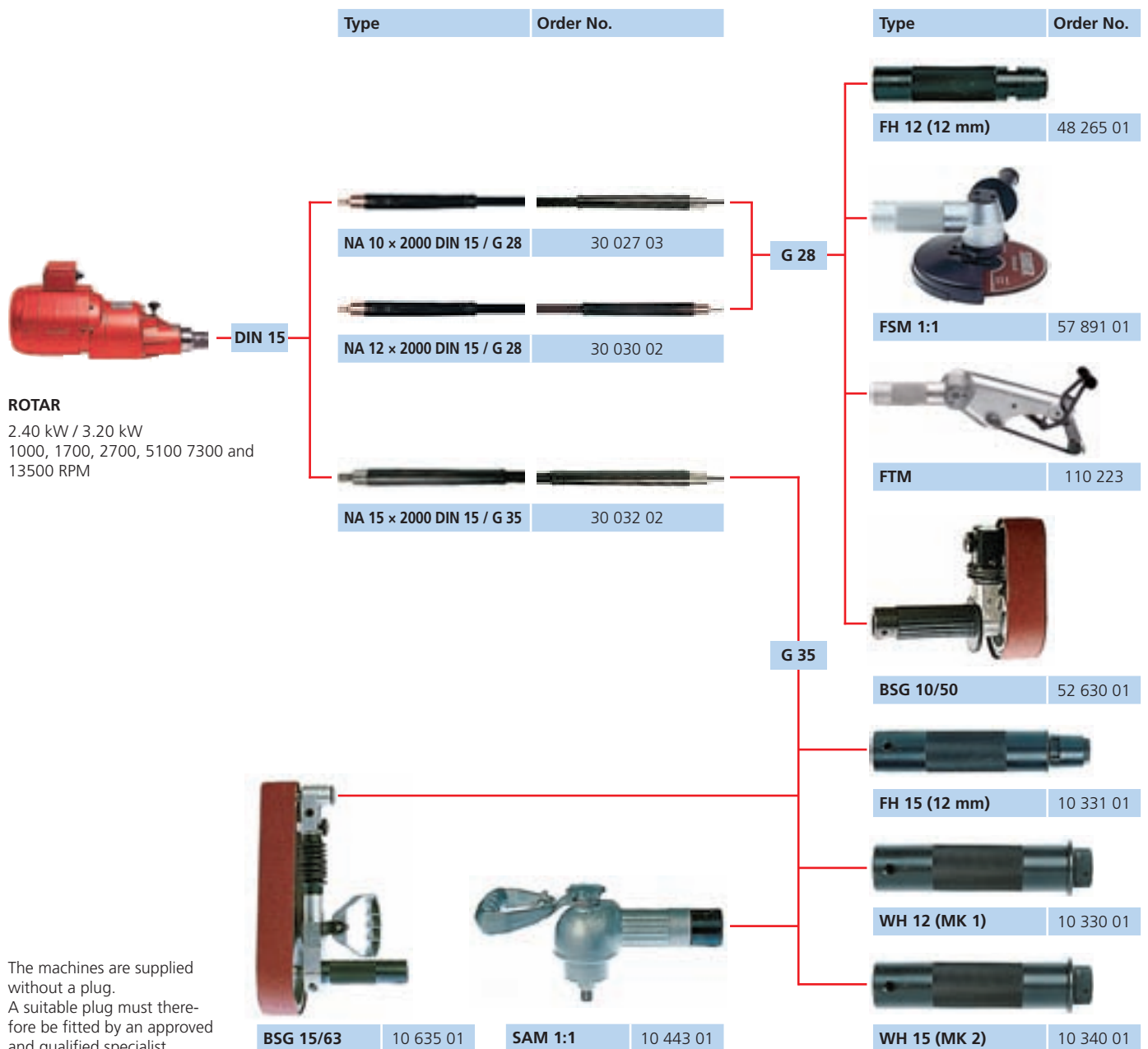
Also available with insulation coupling

Protection class 1



ROTAR		F		STM		HM	
							
Power input		2.40 kW	3.20 kW	2.40 kW	3.20 kW	2.40 kW	3.20 kW
Order No.	400 V, 50 Hz, three-phase	110 032	110 035	110 031	110 034	110 033	110 036
	42 V, 50 Hz, three-phase	110 032 04		110 031 03			
Weight kg		30.750	35.500	50.500	55.250	29.500	34.250

Combination options



The machines are supplied without a plug. A suitable plug must therefore be fitted by an approved and qualified specialist.

ROTOMAX 1.5

By professionals, for professionals

Light and compact design

Stable high-performance motor and rugged metal housing.

Wide range of shafts and tools.

Optional manual shut-off for control from the hand-held unit.

With soft startup and active brake.

Areas of application:

Grinding, cutting, roughing, de-rusting, polishing, brushing, etc. For heavy-duty work in foundries, in the boiler-making and steel industries, in mechanical workshops, and in stainless steel processing plants.

Technical data:

Three-phase motor for single-phase AC

IP 45 protection class

Overload protection

Power input 2000 kW

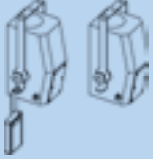
Voltage 230/240 V, 50/60 Hz

Idling speeds

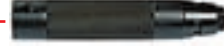
500–15000 RPM

Protection class 1



ROTOMAX 1.5 		F 	STM 	HM 
Flexible shaft connection:		DIN 10	DIN 10	DIN 10
Order No.	230 V, 50 Hz, single phase	110 205	110 207	110 209
Weight kg		27.000	50.000	27.000

Combination options

Type	Order No.	Type	Order No.	Type	Order No.	
				G 22		FH 7 (6 mm) 49 530 01
	NA 7 x 1500 DIN 10 / G 22	30 007 02				
				G 28		WI 7 -45° (6 mm) 57 662 01
	NA 10 x 2000 DIN 10 / G 28	30 026 03				WB 7 110 221
				G 28		FH 10 (6 mm) 57 170 01
	NA 12 x 2000 DIN 10 / G 28	30 029 02				WI 10 (6 mm) 57 645 03
						WI 10 -45° (6 mm) 57 662 03
					WB 10 110 222	
					FTM 110 223	
	Foot switch with foot guard 30 001 288		BSG 10/50 52 630 01		FSM 1:1 57 891 01	

ROTOMAX 3.5

Everything professionals want

Time saved through quick-change shafts.

Electronically controlled speeds for perfect grinding patterns.

Powerful

Versatile in its uses

With soft startup and active brake.

Areas of application:

Grinding, cutting, roughing, de-rusting, polishing, brushing, etc. For heavy-duty work in foundries, in the boiler-making and steel industries, in mechanical workshops, and in stainless steel processing plants.

Technical data:

Three-phase motor for three-phase AC

IP 44 protection class

Overload protection

Power input 3.5 kW

Voltage 400 V, 50 Hz

Idling speeds

DIN 15 connection: 500-10000 RPM

DIN 10 connection: 500-25000 RPM

Protection class 1



Combination options

Type	Order No.
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NA 7 x 1500 DIN 10 / G 22	30 007 02
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DIN 10

NA 10 x 2000 DIN 10 / G 28	30 026 03
----------------------------	-----------

DIN 15

NA 12 x 2000 DIN 15 / G 28	30 030 02
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NA 15 x 2000 DIN 15 / G 35	30 032 02
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G 22

G 28

G 28

G 35

Type	Order No.
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FH 7 (6 mm)	49 530 01
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WI 7 (6 mm)	57 645 01
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WI 7 -45° (6 mm)	57 662 01
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WB 7	110 221
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FH 10 (6 mm)	57 170 01
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WI 10 (6 mm)	57 645 03
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WI 10 -45° (6 mm)	57 662 03
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WB 10	110 222
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FSM 1:1	57 891 01
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FTM	110 223
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BSG 10/50	52 630 01
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FH 12 (12 mm)	48 265 01
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ROTOMAX 3.5

3.5 kW
500 – 10000 RPM
500 – 25000 RPM

Order No.	Weight kg
110 204	75.000

Type	Order No.
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SAM 1:1	10 443 01
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FH 15 (12 mm)	10 331 01
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WH 12 (MK 1)	10 330 01
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WH 15 (MK 2)	10 340 01
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BSG 15/63	10 635 01
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Foot switch with foot guard	30 001 288
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Flexible shafts and accessories



Flexible shafts, comprised of shaft core with couplings, rubber protective casing with reinforcement sleeves and couplings.

Type	Connection		Shaft compl. Order No.	Shaft core Ø x length (mm)	Permissible speed (RPM)	Weight kg	Shaft core with coupling		Casing with coupling	
	Motor side	Tool side					Order No.	kg	Order No.	kg
NA 4 x 1250	G28	G16	30 001 02	4 x 1250	40000	0.500	30 034 01	0.120	30 036 02	0.330
NA 4 x 1250	DIN10	G16	30 002 02	4 x 1250	40000	0.450	30 038 01	0.120	30 039 02	0.330
NA 7 x 1500	G28	G22	30 009 02	7 x 1500	20000	1.250	30 041 01	0.400	30 040 02	0.850
NA 7 x 1500	DIN10	G22	30 007 02	7 x 1500	20000	1.250	30 043 01	0.400	30 042 02	0.850
NA 7 x 2000	DIN10	G22	49 790 01	7 x 2000	25000	1.700	49 791 01	0.600	49 792 01	1.100
NA 10 x 1500	G28	G28	30 015 02	10 x 1500	15000	2.100	30 045 01	0.700	30 046 02	1.400
NA 10 x 1500	DIN10	G28	30 026 02	10 x 1500	15000	2.050	30 048 01	0.650	30 049 02	1.400
NA 10 x 1500	DIN15	G28	30 027 02	10 x 1500	15000	2.100	30 051 01	0.700	30 052 02	1.400
NA 10 x 2000	G28	G28	30 015 03	10 x 2000	15000	2.500	30 045 02	0.950	30 046 03	1.550
NA 10 x 2000	DIN10	G28	30 026 03	10 x 2000	15000	2.500	30 048 02	0.950	30 049 03	1.550
NA 10 x 2000	DIN15	G28	30 027 03	10 x 2000	15000	2.500	30 051 02	0.950	30 052 03	1.550
NA 12 x 2000	G28	G28	30 028 02	12 x 2000	12000	3.850	30 054 01	1.300	30 055 02	2.550
NA 12 x 2000	DIN10	G28	30 029 02	12 x 2000	12000	3.750	30 057 01	1.300	30 056 02	2.450
NA 12 x 2000	DIN15	G28	30 030 02	12 x 2000	12000	3.800	30 059 01	1.300	30 060 02	2.500
NA 12 x 2000	DIN15	G35	30 031 02	12 x 2000	12000	3.850	30 062 01	1.350	30 063 02	2.500
NA 12 x 2500	DIN10	G28	49 952 01	12 x 2500	12000	4.000	49 953 01	1.600	49 954 01	2.900
NA 15 x 2000	DIN15	G35	30 032 02	15 x 2000	8000	5.250	30 065 01	2.000	30 066 02	3.750
NA 15V x 2000	DIN15	G35	48 236 01	15 x 2000	8000	5.250	30 065 01	2.000	48 237 01	5.450
NA 20 x 2500	DIN15	G35	30 025 01	20 x 2500	5000	9.450	30 070 01	4.000	30 069 01	5.450

Accessories	Type	Order No.	Connection	Max. RPM drive	Ø x length (mm)	Designation and use	Weight kg
	ISK 10	10 783 01	2 x DIN10	15000	Ø 43 x 76	Insulation couplings, for disconnecting the flexible shafts from the drive motor.	0.092
	ISK 15	10 782 01	2 x DIN15	15000	Ø 43 x 76		0.220
	RG	10 510 01	2 x G28	12000 (1 : 3)		Gear attachment to increase speeds on gear machines, 1:3 gear ratio, bearing-mounted, for precision work.	1.350
		10 510 03	2 x DIN10	12000 (1 : 3)			1.300



Professional shafts

High-tech for DIY enthusiasts

Professional shafts

Shafts from the standard **SUHNER** range:
High-tech for DIY enthusiasts.

Versatile grinding applications with a power drill:
(Motor-side) cylindrical shaft end for quick and
easy connection to any hand-held or bench drill.
Light and extremely flexible for speeds of up to
max. 25000 RPM.

Equipped with chuck as standard (SKG 4 with
6 mm collet).



Type	Order No.	Max. RPM	Core Ø × length	Protective casing	Bearing, both sides	Ø tool shank	mm	Weight kg
BGP 6	907 630	3500	6 × 1250	Metal/plastic	Bronze bearings	Chuck	0.5 ... 6	0.920

Type	Order No.	Max. RPM	Core Ø × length	Protective casing	Bearing, both sides	Ø tool shank	mm	Weight kg
BKP 6	907 631	10000	6 × 1250	Metal/plastic	Ball bearings	Chuck	0.5 ... 8	0.940

Type	Order No.	Max. RPM	Core Ø × length	Protective casing	Bearing, both sides	Ø tool shank	mm	Weight kg
SKG 4	60 541 01	25000	4 × 1250	Metal/rubber	Ball bearings	Collet	6 Ø	1.000
	60 547 01	Spare shaft core						0.100

Accessories	Type	Order No.	Designation and use			Weight kg
	BF 6	49 689 01	0.5–6 mm	Spare chuck (M 8 × 0.75)	for BGP 6	0.080
	BF 8	49 689 02	0.5-8 mm		for BKP 6	0.080
	SPZ	50 325 03	3 mm	Precision collets for SKG 4		0.012
		50 325 01	6 mm			0.012
		50 325 04	1/8"			0.012
		50 325 02	1/4"			0.012
	ADP 14	49 689 05	M14	Adapter for angle grinder		0.080
	BGP 6 set	900 800	Complete set with BGP 6 flexible shaft and selection of tools: 1 circular wire brush RDBS 30/6 ST, 1 flap wheel FSW 3010, 1 ceramic-bond mounted point A 1620 V, 1 synthetic resin-bond mounted point A 2025 B, 1 felt polishing bob FPK 2025.			1.020
	BKP 6 set	900 801	Complete set with BKP 6 flexible shaft and selection of tools: 1 circular wire brush RDBS 30/6 ST, 1 flap wheel FSW 3010, 1 ceramic-bond mounted point A 1620 V, 1 synthetic resin-bond mounted point A 2025 B, 1 felt polishing bob FPK 2025.			1.040

Belt grinding attachments

Flexible and precise



UBK 6-R

Powerful electric belt grinder for applications across large surfaces.
Steplessly adjustable from 2800 to 6000 RPM.
Available in two different widths for belts BSGB 35/450 mm and BSGB 50/450 mm.

UTG 9-R

Practical electric tube polisher.
220° wrap-around.
For tubes of up to 70 mm in diameter.
Digital control electronics.
Soft startup protects motor and tools.

UTC 7-R

Powerful compact belt grinder.
180° wrap-around.
For tubes of up to 45 mm in diameter.
Digital control electronics.
Soft startup protects motor and tools.

Electric belt grinder	Designation	Order No.	Idling RPM	Voltage	Power	Compatible belt	Belt speed
UBK 6-R	Electric belt grinder (adjustable)	111 217	2800-5800	230 V	1530 W	BSGB 50/450	14.7-31 m/s
UTG 9-R	Electric tube polisher (adjustable)	111 212	4000-9000	230 V	1050 W	BSGB 30/610	7-15.5 m/s
UTC 7-R	Electric tube polisher (adjustable)	111 157	3000-7000	230 V	500 W	BSGB 30/533	4.5-11 m/s



LBH 7

Powerful pneumatic belt grinder for the most demanding requirements.

Particularly well suited for applications across large surfaces.

Available in two different widths for belts BSGB 35/450 mm and BSGB 50/450 mm.

UBC 10-R

Powerful compact electric belt grinder

Variable belt speeds, steplessly adjustable from 4000 to 10000 RPM.

Selection of belts: length 520 mm, available in widths of 3, 6, 12, 16 and 19 mm.

LBC 16 H

Compact pneumatic belt grinder with 320 W output.

Available with a range of contact arms.

Easy-to-change contact arms and trouble-free belt adjustment.

Pneumatic belt grinder	Designation	Order No.	Idling RPM	Air consumption m ³ /min	Power	Compatible belt	Belt speed
LBH 7 D 35	Pneumatic belt grinder	112 009	7000	0.660	1000 W	BSGB 35/450	36.7 m/s
LBH 7 D 50		112 010		0.660		BSGB 50/450	

Belt grinders	Designation	Order No.	Max. speed/ drive RPM	Voltage	Air consumption m ³ /min	Power	Flexible shaft connection	Compatible belt	Belt speed
UBC 10-R	Electric belt grinder (adjustable)	111 111	4000-10000	230 V	–	500 W	–	BSGB 6/520 BSGB 12/520	6.5–15.5 m/s
LBC 16 H	Pneumatic belt grinder	112 008	16000	–	0.660 m	370 W	–	BSGB 6/520 BSGB 12/520	25.2 m/s
WB 10	Belt grinder for flexible shaft	110 222	17100	–	–	–	G 28	BSGB 6/520 BSGB 12/520	variable
WB 7	Belt grinder for flexible shaft	110 221	17100	–	–	–	G 22	BSGB 6/520 BSGB 12/520	variable

Compatible contact arms	Type	Order No.	Roll dimensions	Roll form	Compatible belt
	KA 16/4 (included in the above tools)	57 620 03	16 × 4		BSGB 6/520
	KA 16/9	57 620 02	16 × 9		BSGB 12/520
	KA 19/12	57 620 04	19 × 12		BSGB 16/520
	KA 25/1.5	57 620 06	25 × 1.5		BSGB 3/520
	KAK 25/9	57 620 01	25 × 9		BSGB 6/520, BSGB 12/520
	KAK 23/18	57 620 05	23 × 18		BSGB 19/520

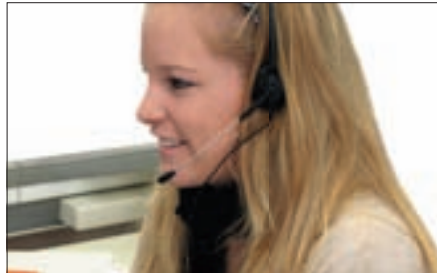
SUHNER

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We'll help you uncover any streamlining potential. All our field sales staff are competent abrasives professionals with many years of experience. They come fully equipped with a demonstration van to help solve your grinding tasks on site.



Customer service

Your order is our top priority. Within minutes of receiving your order it is entered on our systems and processed so you're able to go on manufacturing without any delays.



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Your orders are immediately readied at our spacious warehouse and dispatched the same day. That's why you can always rely on us – especially when it's urgent.



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We're there with help and advice even after your purchase. Our Service Centre has its own spare parts warehouse to guarantee maintenance and support in a timely manner, on request with a quotation.



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Thanks to our in-house design and manufacturing we are able to respond quickly and flexibly to new market requirements. That means we are able to incorporate your suggestions into our products directly and continually offer you technical improvements and new products.



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All our staff continually undergo further training. At specialist trade conferences our global team of consultants and advisers exchanges user-specific experience so you, too, ultimately benefit. Together with renowned partners we also organise our popular stainless steel seminars for our customers. Request a documentation pack!

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LBB 20 DH



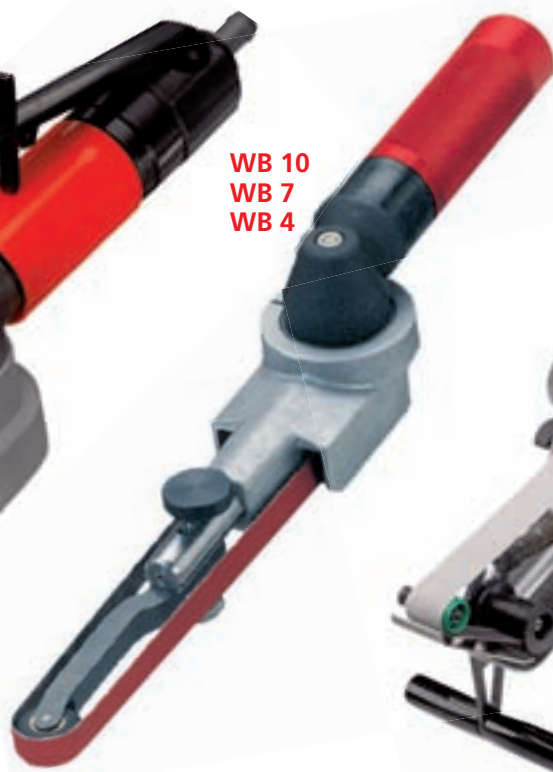
LBB 20 DH

Powerful 220 W pneumatic belt grinder, light and easy to handle.

Available with a range of contact arms.

Easy-to-change contact arms and trouble-free belt adjustment.

**WB 10
WB 7
WB 4**



WB 10

Practical belt grinder attachment for flexible shaft machines.

FTM



FTM

Tube polishing – the quick and easy way with a flexible shaft and FTM.

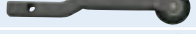
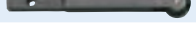
**BSG 10/50
BSG 10/35**



BSG 10/50

Belt grinder attachment with G 28 connection for versatile work with a flexible shaft.

Belt grinders	Designation	Order No.	Max. speed/ drive RPM	Voltage	Air con- sumption m³/min	Power	Flexible shaft con- nection	Compatible belt	Belt speed
LBB 20 DH	Pneumatic belt grinder	112 007	20000	–	0.520	220 W	–	BSGB 6/305 BSGB 12/305	21 m/s
WB 4	Belt grinder for flexi- ble shaft	110 220	20000	–	–	–	G 16	BSGB 6/305 BSGB 12/305	variable

Compatible contact arms	Type	Order No.	Roll dimensions	Roll form	Compatible belt
	KAK 16/4 (included in the above tools)	59 162 03	16 × 4		BSGB 3/305, BSGB 6/305
	KAK 16/9	59 162 02	16 × 9		BSGB 6/305, BSGB 12/305
	KAK 25/1.5	59 162 06	25 × 1.5		BSGB 3/305
	KAK 25/9	59 162 01	25 × 9		BSGB 6/305, BSGB 12/305
	KAK 9/9	59 162 07	9 × 9		BSGB 6/305, BSGB 12/305

Type	Designation	Order No.	Connection	Compatible belt	for
FTM	Tube polisher for flexible shaft	110 223	G 28	BSGB 30/610	Rotofera, Rotomax 1.5
BSG 10/50	Belt grinder for flexible shaft	52 630 01	G 28	BSGB 50/450	Rotostar, Rotofera, Rotar, Rotomax
BSG 10/35	Belt grinder for flexible shaft	52 630 02	G 28	BSGB 35/450	Rotostar, Rotofera, Rotar, Rotomax