

Brush Ø (mm)	Bore Ø (mm)	Edging material	Grid size	Min./max. rotation speed	Min./max. feed speed	76098... Ident. No.	
50	16	Silicon carbide	180	2200-2500 U/ min(rpm)	2000-4500 mm/min	615	●
76	22	Silicon carbide	80	1900-2300 U/ min(rpm)	2500-5000 mm/min	630	●
76	22	Silicon carbide	120	1900-2300 U/ min(rpm)	2500-5000 mm/min	633	●
76	22	Silicon carbide	180	1900-2300 U/ min(rpm)	2500-5000 mm/min	635	●
106	22	Silicon carbide	80	1400-1700 U/ min(rpm)	3000-5500 mm/min	650	●
106	22	Silicon carbide	120	1400-1700 U/ min(rpm)	3000-5500 mm/min	653	●
106	22	Silicon carbide	180	1400-1700 U/ min(rpm)	3000-5500 mm/min	655	●
125	27	Silicon carbide	80	1100-1400 U/ min(rpm)	3500-6500 mm/min	670	●
125	27	Silicon carbide	120	1100-1400 U/ min(rpm)	3500-6500 mm/min	673	●
125	27	Silicon carbide	180	1100-1400 U/ min(rpm)	3500-6500 mm/min	675	●
150	32	Silicon carbide	80	1000-1200 U/ min(rpm)	4500-8000 mm/min	690	●
150	32	Silicon carbide	120	1000-1200 U/ min(rpm)	4500-8000 mm/min	693	●
150	32	Silicon carbide	180	1000-1200 U/ min(rpm)	4500-8000 mm/min	695	●

Prod. Gr. 6CR

ATORN® Abrasive flap disc – for universal sanding work on steel and VA steel

With high-tech zirconia fabric, tool carrier made from high-tech natural fibre

Application:

For deburring, removing rust, fettling and for preparatory and finishing work on weld seams.

- Fibre glass and resin-free – self-trimming

- Backing disc made from natural fibre compound protects the environment and the user (CO₂ neutral)

Execution:

- Backing disc can be fully trimmed; fully usable disc

Advantage:

- Natural fibre backing disc for flexible, low-vibration work

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 10 PCS



Washer Ø (mm)			115	115	115	115	125	125	125	125
Max. rotation speed (U/min(rpm))			13200	13200	13200	13200	12200	12200	12200	12200
Grain size			40	60	80	120	40	60	80	120
	Form									
76084...	Diagonal	Ident. No.	600	601	602	603	604	605	606	607
			●	●	●	●	●	●	●	●

Prod. Gr. 6CH

ATORN® Abrasive flap disc – high-quality and suitable for universal use

with zirconia alumina, tool carrier made of fibreglass, for steel/stainless steel

Application:

Ident. No. 541, 561, 581, 641, 651, 661, 681: for deburring, removing rust, fettling and for preparatory and finishing work on weld seams.

Ident. No. 546, 566, 586, 646, 656, 666, 686: for smoothing, removing rust, grinding and similar surface applications.

Advantage:

- high cutting performance for more material removal
- with OSA approval – greater safety due to regular independent product tests

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 10 PCS



Ident. No. 541, 561, 581, 641, 651, 661, 681

Washer Ø (mm)			115	115	115	125	125	125	125
Max. rotation speed (U/min(rpm))			13285	13285	13285	13285	12250	12250	12250
Grain size			40	60	80	40	50	60	80
	Form								
76084...	Diagonal	Ident. No.	541	561	581	641	651	661	681
76084...	Straight	Ident. No.	546	566	586	646	656	666	686

Prod. Gr. 6CH

ATORN® High-performance abrasive flap disc with easy-to-trim plastic backing

With zirconia alumina, for stainless steel/steel/cast iron

Application:

For universal use for steel, cast iron and stainless steel For surface and edge sanding, coarse and intermediate sanding, processing fillet welds, derusting, deburring and dressing cast parts

- Backing can also be machined - no glass dust particles produced

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 10 PCS

**Advantage:**

- Food-safe ABS special plastic backing for vibration-dampened work

Washer Ø (mm)			115	115	115	115	125	125	125	125
Max. rotation speed (U/min(rpm))			13200	13200	13200	13200	11800	11800	11800	11800
Grain size			40	60	80	120	40	60	80	120
	Form									
76084...	Diagonal	Ident. No.	704	706	708	712	724	726	728	732
			●	●	●	●	●	●	●	●

Prod. Gr. 6CH

ORION® Abrasive flap discs

Made of zirconia alumina, tool carrier made of plastic, for inox/steel/cast iron

Application:

For smoothing, removing rust, grinding and similar work surface applications.

Advantage:

- Highly elastic backing adapts perfectly to the workpiece surface
- For especially smooth and flat surfaces, such as for surface grinding of large plants

Execution:

- CAL zirconium: Cooling agent layer for cooler grinding

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 10 PCS



Washer Ø (mm)			115	115	115	115	125	125	125	125
Max. rotation speed (U/min(rpm))			13200	13200	13200	13200	11800	11800	11800	11800
Grain size			40	60	80	120	40	60	80	120
	Form									
76084...	Diagonal	Ident. No.	740	760	780	795	840	860	880	895
			●	●	●	●	●	●	●	●

Prod. Gr. 6LH

ORION® abrasive flap disc for stainless steel/steel

with zirconia alumina, tool carrier made of fibre glass

Application:

For deburring, removing rust, fettling and for preparatory and finishing work on weld seams.

- with OSA approval – greater safety due to regular independent product tests

Advantage:

- attractively-priced abrasive flap disc with good cutting performance

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 10



Washer Ø (mm)			115	115	115	125	125	125
Grain size			40	60	80	40	60	80
	Form							
76084...	Diagonal	Ident. No.	915	917	919	935	937	939
			●	●	●	●	●	●

Prod. Gr. 6LH

RHODIUS Abrasive flap disc for aluminium/non-ferrous metals

PROLINE ●●●○

Application:

For grinding aluminium and other lubricating non-ferrous metals

Technical data:

- Washer diameter: 125 mm
- Bore diameter: 22.23 mm
- Max. rotation speed: 12200 U/min(rpm)
- Number of pieces per packet: 10 PCS

Execution:

- With trimmable carrier

Grain size			40	60
	Form			
76084...	Straight	Ident. No.	090	092
			●	●

Prod. Gr. 6BB



Ident. No. 090

**POLIFAN®-STRONG abrasive flap disc**

With zirconia alumina, tool carrier made from fibre glass, for steel

Application:

Ident. No. 120: For rough steel machining, e.g. removing rust, fettling and for preparatory and finishing work on weld seams.

Ident. No. 125: For edge machining, e.g. chamfering and deburring.

Advantage:

- Maximum aggressiveness down to the last grain
- optimally suited to use on high-performance output drives

Technical data:

- Washer diameter: 125 mm
- Bore diameter: 22.23 mm
- Max. rotation speed: 12200 U/min(rpm)
- Number of pieces per packet: 10 PCS



Grain size			36	50
	Form			
76085...	Diagonal	Ident. No.	120	125
			●	●

Prod. Gr. 6AB

**POLIFAN®-STRONG FREEZE abrasive flap disc**

With CO ceramic abrasive grain, tool carrier made from fibre glass, for stainless steel

Application:

Ident. No. 150: For rough steel machining, e.g. removing rust, fettling and for preparatory and finishing work on weld seams, with ultra-cool grinding.

Ident. No. 155: For edge machining, e.g. chamfering and deburring with ultra-cool grinding.

Advantage:

- Maximum aggressiveness down to the last grain
- optimally suited to use on high-performance output drives
- Ceramic abrasive grain for ultra-cool grinding of stainless steel

Execution:

- CO Ceramic abrasive grain with grinding-active, cooling special coating (FREEZE)

Technical data:

- Washer diameter: 125 mm
- Bore diameter: 22.23 mm
- Max. rotation speed: 12200 U/min(rpm)
- Number of pieces per packet: 10 PCS



Grain size			36	50
	Form			
76085...	Diagonal	Ident. No.	150	155
			●	●

Prod. Gr. 6AB

**POLIFAN®-CURVE abrasive flap disc**

With zirconia alumina Z, tool carrier made from fibre glass, for steel

Application:

For fillet weld machining

Advantage:

- Unique radial design for perfect grinding of the fillet weld geometry
- High productivity due to particularly high machining performance with excellent service life in fillet weld machining

Technical data:

- Washer diameter: 125 mm
- Bore diameter: 22.23 mm
- Max. rotation speed: 12200 U/min(rpm)
- Grain size: 40
- Number of pieces per packet: 10 PCS



Washer thickness (mm)			14	16
Min. fillet seam width (mm)			5	8
	Form			
76085...	Radial	Ident. No.	110	115
			●	●

Prod. Gr. 6AB

**POLIFAN®-CO-CURVE abrasive flap disc**

With CO ceramic abrasive grain, tool carrier made from fibre glass, for stainless steel

Application:

For fillet weld machining

- Ceramic abrasive grain for cool grinding and to achieve fine surface finishes

Advantage:

- Unique radial design for perfect grinding of the fillet weld geometry
- High productivity due to particularly high machining performance with excellent service life in fillet weld machining

Technical data:

- Washer diameter: 125 mm
- Bore diameter: 22.23 mm
- Max. rotation speed: 13300 U/min(rpm)
- Grain size: 60
- Number of pieces per packet: 10 PCS



Washer thickness (mm)			14	16
Min. fillet seam width (mm)			5	8
	Form			
76085...	Radial	Ident. No.	130	135
			●	●

Prod. Gr. 6AB

**FS 764 ACT fibre discs – for machining steel, stainless steel, all kinds of metal****Corundum, resin bond, closed coating****Application:**

Fibre discs for universal use with special ACT recipe, provides outstanding grain adhesion and increased material removal rate

Notes:

Secondary application: Plastic, non-ferrous metal, wood

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 25 PCS



Grain size	24		36		40		60		80		120	
Washer Ø (mm)	76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.	
115	005	●	010	●	015	●	025	●	030	●	035	●
125	040	●	045	●	050	●	060	●	065	●	070	●
180	075	●	080	●	085	●	095	●	100	●	105	●

Prod. Gr. 6DB

**CS 565 fibre disc - ideal for coarse steel machining****Zirconia alumina, resin-bonded, closed coating****Application:**

For universal coarse sanding and burr removal on steel, stainless steel and metals

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 25 PCS



Grain size	24		36		40		60		80		100	
Washer Ø (mm)	76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.	
115	205	●	210	●	215	●	225	●	230	●	235	●
125	240	●	245	●	250	●	260	●	265	●	270	●
180	275	●	280	○	285	●	295	●	300	●	-	-

Prod. Gr. 6DB

**FS 966 ACT fibre disc – for stainless steel****Ceramic corundum, synthetic resin bonding, closed coating****Application:**

High-performance disc with self-sharpening ceramic abrasive grain for an excellent removal rate and service life when grinding stainless steel.

- Cool grinding for enhanced performance
- Special advanced coating technology for improved grain adhesion

Advantage:

- Long service life, especially in heavy-duty applications

Technical data:

- Bore diameter: 22 mm
- Number of pieces per packet: 25



Grid size	36		40		60		80		120	
Washer Ø (mm)	76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.		76202... Ident. No.	
115	600	●	605	●	610	○	615	●	620	●
125	625	●	630	●	635	●	640	●	645	●
180	650	●	655	●	660	●	665	●	670	●

Prod. Gr. 6DB

**Support plate for fibre discs****corrugated and straight design****Application:**

For holding fibre discs.

Delivery:

With clamping nut for fibre discs

Advantage:

- **No. 76069:** Straight version, therefore more flexible, softer and more adaptable
- **No. 76202:** Corrugated for greater stability, more pressure and longer service life

Technical data:

- Connection thread: M14
- Number of pieces per packet: 1 PCS



No. 76069
Straight version



No. 76202
Corrugated design

		Type description	ST 385		ST 385 A	
		Version	Straight		Serrated	
Suitable for disc Ø (mm)	Max. rotation speed (U/min(rpm))		76069... Ident. No.		76202... Ident. No.	
115	13300		005	●	915	●
125	12200		007	●	925	●
180	8500		010	●	-	-
178	8500		-	-	978	●

Prod. Gr. 6DB

3M Cubitron™ II fibre discs

Ceramic abrasive grain, full resin bond, half-open coating – precision-formed ceramic abrasive grains for absolute sharpness

Application:

Ident. No. 036–180, 436–480: For sharp grinding, especially suitable for general metal working such as weld seam preparation, machining of cast and flame-cut parts and polishing.

Ident. No. 236–380, 536–580: For cool grinding, especially suitable for weld seam machining on stainless steels with low thermal conductivity, nickel alloys and titanium.

Execution:

- Can be used in conjunction with a support plate no. 76206
- Backing produced from very robust, hornlike vulcanised fibre

Advantage:

- High degree of sharpness owing to precision-formed ceramic grains
- Very long service lives and fast cutting
- Pleasant work owing to low dust formation and low contact pressure
- Ident. No. 236–380, 536–580:** Cool grinding due to bonding additive: Heat and metal chips are diverted away/dissipated and clogging is prevented

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 25 PCS



Ident. No. 036–180, 436–480
Version 982C



Ident. No. 236–380, 536–580
Version 987C

Type description		982C		982C		982C		987C		987C		987C	
Grid size		36+		60+		80+		36+		60+		80+	
Washer Ø (mm)		76206... Ident. No.		76206... Ident. No.		76206... Ident. No.		76206... Ident. No.		76206... Ident. No.		76206... Ident. No.	
115		036	●	060	●	080	●	236	●	260	●	280	●
125		136	●	160	●	180	●	336	●	360	●	380	●
178		436	●	460	●	480	●	536	○	560	○	580	●

Prod. Gr. 6DM

3M Support plate for Cubitron™ II fibre discs

Specially developed for increased removal rate during grinding

Advantage:

- Ident. No. 905–915:** for enhanced pressure distribution and cooling!

			Version	Serrated		Flat	
Suitable for disc Ø (mm)	Connection thread	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76206... Ident. No.		76206... Ident. No.	
115	M14	13200	1	905	●	950	●
125	M14	12000	1	910	●	960	●
178	M14	8500	1	915	●	-	-
180	M14	8500	1	-	-	970	○

Prod. Gr. 6DM



Ident. No. 905–915



COMBIDISC® grinding disc holder SBH

screw connection with internal thread

Application:

For use on straight or angle grinders and flexible shaft machines, for holding COMBIDISC® grinding discs.

Execution:

- Quick-change screw connection for grinding discs with metal internal thread

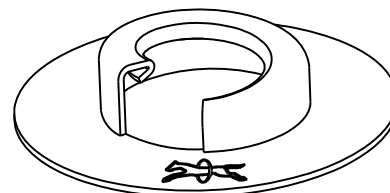
Advantage:

- Simple handling with rapid grinding disc replacement

- No velcro, no slipping, no loosening of the grinding disc due to heat
- Vibration-free concentricity due to permanently centred seating of the grinding disc

Technical data:

- Type description: SBH 50 M
- Version: Medium hard
- Washer diameter: 50 mm
- Shaft diameter: 6 mm
- Shaft length: 40 mm
- Max. rotation speed: 19000 U/min(rpm)



Combidisc system

76067...

Ident. No.

005

Prod. Gr. 6AB



COMBIDISC® A-PLUS corundum grinding discs

for universal use on metals and other materials

Application:

Particularly suitable for edge grinding, as highly abrasion resistant, though also suitable for roughening, levelling, deburring, sharpening, staged finishing and for machining surfaces and weld seams.

Advantage:

- Higher removal rate due to stiffer base material

- Very high tear-resistance for long service life

Technical data:

- Washer diameter: 50 mm
- Min./max. recommended rotation speed: 8000-13000 U/min(rpm)
- Material of abrasive medium: Corundum
- Number of pieces per packet: 100 PCS



Grain size	36	60	80	120
	76067... Ident. No.	76067... Ident. No.	76067... Ident. No.	76067... Ident. No.
	036	060	080	120

Prod. Gr. 6AB



COMBIDISC® A-COOL corundum grinding discs

For difficult-to-machine materials such as stainless steel (INOX), soft aluminium alloys, etc.

Application:

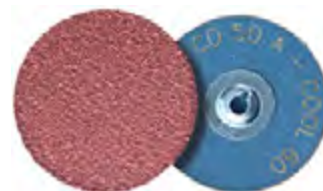
Ideal for difficult-to-machine materials such as INOX and nickel-based alloys. Suitable for roughening, levelling, deburring, sharpening, staged finishing and for machining surfaces and weld seams.

Advantage:

- Active grinding additives in the coating noticeably increase the removal rate as shown by the spark pattern after run-in

Technical data:

- Washer diameter: 50 mm
- Min./max. recommended rotation speed: 8000-13000 U/min(rpm)
- Material of abrasive medium: Corundum
- Number of pieces per packet: 100 PCS



Grain size	60	80
	76067... Ident. No.	76067... Ident. No.
	260	280

Prod. Gr. 6AB



COMBIDISC® CO-COOL ceramic abrasive grain grinding discs

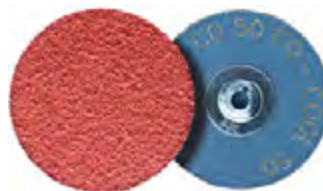
for maximum removal

Application:

For machining alloyed and unalloyed steels, cast iron, stainless steel (INOX), titanium, nickel-based alloys and hard materials. Suitable for roughening, levelling, deburring, sharpening, staged finishing and for machining surfaces and weld seams.

Advantage:

- Ceaseless maximum performance due to self-sharpening ceramic grain
- Active grinding additives in the coating noticeably increase the removal rate, prevent clogging and facilitate cooler grinding



Washer Ø (mm)	Min./max. recommended rotation speed	Material of abrasive medium	Number of pieces per packet (PCS)	Grain size	36	60	80	120
					76067... Ident. No.	76067... Ident. No.	76067... Ident. No.	76067... Ident. No.
50	3800-13000 U/min(rpm)	Ceramic grain	100		336	360	380	420

Prod. Gr. 6AB



COMBIDISC® abrasive flap disc Mini-POLIFAN® corundum A for universal use

Application:

For universal coarse grinding of different materials with good machinability, e.g. finishing of weld seams in hard-to-reach places.

Advantage:

- Increased service life and removal rate compared with grinding discs

Technical data:

- Washer diameter: 50 mm
- Min./max. recommended rotation speed: 12000-14000 U/min(rpm)
- Number of pieces per packet: 10 PCS



Grain size	40	60	80	120
	76067...	76067...	76067...	76067...
	Ident. No.	Ident. No.	Ident. No.	Ident. No.
	604	606	608	610

Prod. Gr. 6AB



COMBIDISC® fleece-layered discs – for universal use hard version, corundum abrasive grain, CD system

Application:

For universal surface processing on metals, e.g. eliminating pre-finishing marks, removing oxidation and light deburring work. For achieving matt and satin surfaces.

Execution:

- The hardness of the holder determines the flexibility of the disc

Advantage:

- Open structure prevents clogging of the disc

Notes:

Adding oil or water when grinding results in an even finer surface finish, cooler grinding and a longer service life.



Washer Ø (mm)	Min./max. recommended rotation speed	Surface structure	Rough	Medium	Very fine
		Number of pieces per packet (PCS)	76067... Ident. No.	76067... Ident. No.	76067... Ident. No.
50	5500-7500 U/min(rpm)	50	500	510	520

Prod. Gr. 6AB



Tool holder for COMBIDISC® Mini-POLIFAN® For COMBIDISC®-Mini-POLIFAN®, CD system

Technical data:

- Suitable for disc diameter: 50 mm

- Shaft diameter: 6 mm
- Length: 40 mm
- Number of pieces per packet: 1 PCS



76067...

Ident. No.

695

Prod. Gr. 6AB

ATORN® Abrasive cloth sheets – universal application Sheet size 230 x 280 mm

Technical data:

- Material of abrasive medium: Aluminium oxide (normal corundum)

- Backing material: Cotton fabric
- Binding: All-synthetic resin
- Colour: Brown
- Number of pieces per packet: 50



Grain size	40	60	80	100	120	150	180	240	320	400
69250...	040	060	080	100	120	150	180	240	320	400
	Ident. No.									

Prod. Gr. 6DC

**KL 385 JF abrasive cloth sheet for wood, all kinds of metal, non-ferrous metals****Sheet size 230 x 280 mm****Application:**

Suitable for a wide range of uses in the metalworking industry.

Execution:

- High-quality abrasive cloth and very flexible cotton backing

Advantage:

- Can be easily torn to the desired length

- Also suitable for stainless steel.

Technical data:

- Type description: KL 385 JF
- Area of application: Surface grinding
- Material of abrasive medium: Corundum
- Backing material: Cotton fabric
- Binding: Synthetic resin
- Colour: Brown
- Number of pieces per packet: 50 PCS



Abrasive cloth KL 385

Grain size		40	50	60	80	100	120	150	180
69272...	Ident. No.	040	050	060	080	100	120	150	180
		●	●	●	●	●	●	●	●
Grain size		220	240	280	320	360			
69272...	Ident. No.	220	240	280	320	360			
		●	●	●	●	●			

Prod. Gr. 6DB

**PS 11 waterproof sandpaper sheets for car repair and painting jobs****Sheet size 230 x 280 mm****Application:**

For machining of paint, lacquer, spreader and filler, mainly used in automotive repair and painting applications.

Advantage:

- High sanding rate and service life
- High-quality and very flexible

Technical data:

- Area of application: Wet sanding
- Material of abrasive medium: Silicon carbide
- Backing material: Latex paper
- Binding: Synthetic resin
- Colour: Black
- Number of pieces per packet: 50 PCS



Sandpaper PS 11

Grain size		60	100	180	80	120	220	150	280
69261...	Ident. No.	060	100	180	080	120	220	150	280
		●	●	●	●	●	●	●	●
Grain size		320	360	400	500	600	800	1000	1200
69261...	Ident. No.	320	360	400	500	600	800	910	920
		●	●	●	●	●	●	●	●

Prod. Gr. 6DB

ATORN® Abrasive cloth economy roll**High-quality synthetic corundum, full synthetic resin bond, close scattering**

- Length of roll: 50 m
- Backing material: Cotton fabric

Technical data:

No. 69255

Grain size	Roll width (mm)		50		115	
			69255... Ident. No.		69256... Ident. No.	
40			040	●	040	●
60			060	●	060	●
80			080	●	080	●
100			100	●	100	●
120			120	●	120	●
150			150	●	150	●
180			180	●	180	●
240			240	●	240	●
320			320	●	320	●
400			400	●	-	-

Prod. Gr. 6DC

ATORN® Abrasive cloth economy roll In tear-off box

High-quality synthetic corundum, full synthetic resin bond, close scattering

Application:

Hand sanded from alloyed and unalloyed steels, stainless steel, chrome and chrome-nickel steel, brass, bronze, wood, paint and plastic

Execution:

- Robust, oil/petroleum resistant and highly flexible cotton fabric
- Excellent grinding performance with high-quality synthetic corundum (AO - resin-bonded) and dense covering.

Advantage:

- Holder core for economy roll
- With side window for usage control

Technical data:

- Length of roll: 50 m
- Backing material: Cotton fabric



Ident. No. 000-018

Grain size	Roll width (mm)		25	40
			69251... Ident. No.	69251... Ident. No.
40			000 ●	100 ●
60			002 ●	102 ●
80			004 ●	104 ●
100			006 ●	106 ●
120			008 ●	108 ●
150			010 ●	110 ●
180			012 ●	112 ●
240			014 ●	114 ●
320			016 ●	116 ●
400			018 ●	118 ●

Prod. Gr. 6DC

VSM KK114F abrasive cloth rolls in tear-off box with integral tear-off blade

Corundum, synthetic resin bond, closed coating

Application:

For alloyed and unalloyed steels, stainless steel, chrome and chrome-nickel steel, brass and bronze, wood, paint, lacquer and plastic.

- Very long service life

Technical data:

- Length of roll: 50 m
- Backing material: Cotton fabric

Advantage:

- High flexibility and thread-precise tear resistance



Grain size	Roll width (mm)		40
			69276... Ident. No.
40			040 ●
60			060 ●
80			080 ●
100			100 ●
120			120 ●
150			150 ●
180			180 ●
240			240 ●
320			320 ●
400			400 ●

Prod. Gr. 6DA

VSM Sanding belt roll cartridge

Fitted and unfitted

Application:

For sorted storage and metered supply of sanding belt and abrasive cloth.

- Ident. No. 200:** Empty, for 5 rolls of 25 to 50 mm width and max. 50 m length

Advantage:

- The right sanding belt or abrasive cloth always kept close to hand
- Ensures economical use
- Enables fresh supplies to be provided in good time

Execution:

- Robust magazine (with a hammered enamel finish)
- Complete with tear-off device and fastening material
- Ident. No. 100:** Equipped with 5 rolls (brown), grain sizes 40, 60, 100, 180, 360 of 50 m length and 40 mm width



Ident. No. 100

69281...	Equipped	Ident. No.	100 ●
69281...	Empty	Ident. No.	200 ●

Prod. Gr. 6DA

**universal sanding belts for band files****for stainless steel, steel, all kinds of metal and non-ferrous metals****Application:**

Universal type for processing radii and contours with band files in all areas of metalworking

Technical data:

- Type description: CS 310 XF
- Width of tape x length of strap: 10 mm x 330 mm
- Material of abrasive medium: Corundum

- Backing material: Cotton fabric
- Colour: Brown
- Scattering: Close scattering
- Binding: Synthetic resin
- Connection (sanding belts): F4G
- Suitable for machine type: File belt sander
- Number of pieces per packet: 10 PCS

**Belt connection F4G**

oblique cut, butt joined, with fabric-reinforced splicing film glued onto the back

Grain size	40	60	80	100	120	150
	69290...	69290...	69290...	69290...	69290...	69290...
	Ident. No.	Ident. No.	Ident. No.	Ident. No.	Ident. No.	Ident. No.
	003	103	203	303	403	503

Prod. Gr. 6DB

**universal abrasive cloth belts for stationary grinding machines****for metal and wood processing (grain 40–150)****Technical data:**

- Type description: LS 309 X
- Material of abrasive medium: Corundum

- Backing material: Cotton fabric
- Colour: Brown
- Scattering: Close scattering
- Binding: Synthetic resin
- Number of pieces per packet: 10 PCS



LS 309 X

**Belt connection F4G**

oblique cut, butt joined, with fabric-reinforced splicing film glued onto the back

**Belt connection F5**

oblique cut, overlap joint with non-coated connection zone

Grain size	40	60	80	100	120	150
Width of tape x length of strap						
Connection (sanding belts)						
Suitable for machine type						
75 mm x 2000 mm	F4G	F4G	F4G	F4G	F4G	F4G
100 mm x 1000 mm	F5	F5	F5	F5	F5	F5
	027	127	227	327	427	527
	045	145	245	345	445	545

Prod. Gr. 6DB

**XK850X TOP SIZE abrasive cloth belt for stationary grinding machines****for high-alloy steels, chrome steel and chrome-nickel steel, non-ferrous metals, nickel-based alloys and cast parts****Application:**

For removal of weld seams, deburring, grinding of edges, surfaces and lightly profiled workpiece surfaces.

- no discolouration of the workpiece thanks to additional TOP SIZE grinding-active layer
- Long service life and cool grinding

Execution:

- Aggressive high-performance sanding belt with self-sharpening ceramic abrasive grain and grinding-active TOP SIZE layer that provides cooler sanding and increases cutting performance.

Advantage:

- Self-sharpening effect: the ceramic abrasive grain forms new cutting edges throughout the service life

Technical data:

- Material of abrasive medium: Ceramic zirconium corundum
- Backing material: Polyester fabric
- Colour: Red
- Scattering: Close scattering
- Binding: Synthetic resin
- Connection (sanding belts): E07
- Number of pieces per packet: 10 PCS



Machining a casting

Grain size	40	60	80
Type description			
Width of tape x length of strap			
Suitable for machine type			
XK 850 X	050	055	060
XK850X	065	070	075

Prod. Gr. 6DA

other dimensions available on request

Source: Hahn+Kolb Werkzeuge GmbH

Technical data subject to change.

Availability subject to country specific rules and regulations



Schleiffix cleaners

Application:

For cleaning, polishing, smoothing, dulling and grinding of tools and devices.

Delivery:

In box

Execution:

- Flexible hand sanding block with elastically bonded abrasive grain
- Suitable for wet and dry sanding

Grid size	60	120	240
Surface structure	Rough	Medium	Fine
69358...	Ident. No. 010	020	030
	●	●	●

Prod. Gr. 6DB



SMT 800 non-woven abrasive flap disc Fibre glass disc, resin bond, tilted design

Application:

For finishing, depending on fineness also suitable for cleaning and light deburring work and for processing of TIG weld seams on stainless steel.

Technical data:

- Bore diameter: 22.23 mm
- Number of pieces per packet: 5 PCS



Washer Ø (mm)	115	115	115	125	125	125
Surface structure	Rough	Medium	Very fine	Rough	Medium	Very fine
Max. rotation speed (U/min(rpm))	13300	13300	13300	12200	12200	12200
76190...	Ident. No. 010	015	020	025	030	035
	●	●	●	●	●	●

Prod. Gr. 6DB

3M Scotch-Brite™ wound compact discs – for deburring and finishing Wound Scotch-Brite™ fibre fleece with incorporated silicon carbide

Application:

Ident. No. 015–020: For deburring of steel, aluminium or cast parts, for rounding edges on stainless steel parts.

Ident. No. 030–040: For finishing on nearly all metals or for removal of light draw marks on stainless steel profiles.

Execution:

- Ident. No. 015–020:** Can be profiled, red marking
- Ident. No. 030–040:** Can be profiled, blue marking

Advantage:

- Ident. No. 015–020:** Creates smooth, round corners without secondary grades with long service life
- Ident. No. 030–040:** Does not produce chatter marks, achieves distinctive streak effect

Technical data:

- Washer diameter: 152 mm
- Bore diameter: 25.4 mm
- Washer thickness: 25.4 mm
- Max. rotation speed: 6000 U/min(rpm)
- Number of pieces per packet: 1 PCS



Ident. No. 015–020



Ident. No. 030–040

Type description	DB-WL	DB-WL	FS-WL	FS-WL
Hardness	7 (medium hard)	9 (extremely hard)	2 (soft)	6 (medium)
Surface structure	Fine	Fine	Medium	Fine
69473...	Ident. No. 015	020	030	040
	●	●	●	●

Prod. Gr. 6DM

ATORN® Abrasive fleece hand pads and rolls for smoothing, matting, roughing, removal of dirt, corrosion and other impurities

Application:

Ident. No. 005-010: For smoothing, roughing, light sanding, de-greasing and cleaning surfaces, light deburring and removal of dirt and corrosion.

Ident. No. 105-110: For smoothing, dulling, roughening, de-greasing and cleaning surfaces, light deburring and removal of dirt and corrosion.

Execution:

- Accessories: Hand block with integrated barbed hooks no. 69296 090

Advantage:

- Smooth cutting with high flexibility
- Long service life and optimal grinding results thanks to the uniform fibre structure



Ident. No. 005-010

Ident. No. 105-110
Fleece abrasive roller

					Type description	Hand pads	Abrasive roll
					Length x width	Abraflex	Abraflex
						210 x 150 mm	10000 x 115 mm
Material of abrasive medium	Surface structure	Grid size	Colour	Number of pieces per packet (PCS)	69297... Ident. No.		69297... Ident. No.
Aluminium oxide	Rough	280	Blue	10	005	●	-
Silicon carbide	Fine	1200	Grey	10	010	●	-
Aluminium oxide	Rough	280	Blue	1	-	-	105
Silicon carbide	Fine	1200	Grey	1	-	-	110

Prod. Gr. 6CH

3M Scotch-Brite™ abrasive fleece pads and rolls For application by hand or for use on rubbing blocks

Application:

Universal hand pads for most standard applications.

Execution:

- Resin-bonded fleece material
- Ident. No. 005-015:** Standard quality

Advantage:

- CF-HP with aluminium oxide: Tough abrasive grain for a fine, matt finish

- CF-HP with silicon carbide: Hard, sharp abrasive grain provides a distinctive finish with a fine structure

- Ident. No. 005-015:** CP-HP: High cutting performance and dense, even finish

Notes:

Usable both wet and dry.

Ident. No. 005-015
Fleece hand padsIdent. No. 205-210
Fleece abrasive roller

					Type description	Hand pad	Hand pad	Abrasive roll
					Length x width	CP-HP	CF-HP	CF-RL
						224 x 158 mm	224 x 158 mm	10000 x 100 mm
Material of abrasive medium	Surface structure	Grid size	Colour	Number of pieces per packet (PCS)	69296... Ident. No.		69296... Ident. No.	69296... Ident. No.
Aluminium oxide	Medium	180-280	Brown	10	005	●	-	-
Silicon carbide	Fine	320-360	Red	10	-	-	010	-
Silicon carbide	Very fine	500	Grey	10	-	-	015	-
Aluminium oxide	Fine	320-360	Red	1	-	-	-	205
Silicon carbide	Very fine	500	Grey	1	-	-	-	210

Prod. Gr. 6DM

Accessories for		69296 005	69296 010	69296 015	69296 205	69296 210
69296... block PH-AC	Scotch-Brite™ hand	090	090	090	090	090
	Ident. No.	●	●	●	●	●

3M Scotch-Brite™ CF-SR abrasive fleece roll

In handy tear-off roll

Application:

For roughening painted surfaces, deburring, finishing, matting and cleaning of various surfaces

- Pre-cut roll with 35 pads (115x150 mm)

Notes:

Usable both wet and dry.



Execution:

- Nylon fibre fleece with resin-bonded abrasive

Material of abrasive medium	Surface structure	Grid size	Length x width	Colour	4000 x 150 mm
Aluminium oxide	Very fine	320	Purple violet	69296... Ident. No.	105 ●
Aluminium oxide	Very fine	800	Copper	110	●

Prod. Gr. 6DM

i Grinding points

All PFERD sanding tips are approved for a **maximum circumferential speed of 50 m/s**. This must be observed in order to prevent the shaft from bending during use. Regardless of the length of the shaft, the clamping length of the shaft must be at least 10 mm.

Recommended rotation speed range

Please refer to the table for the recommended rotation speed based on the diameter and the cutting speed of your tool.

Note: The optimum rotation speeds can be found in the product tables. These have been limited to 150,000 RPM as a higher rotation speed is not possible with commercially available drives.

Example:

Sanding tip ø 20 mm

STEEL

Cutting speed: 30–50 m/s

Rotation speed: 28,600–47,700 RPM

Sanding tip ø [mm]	Cutting speeds [m/s]						
	10	15	20	25	30	40	50
	Rotation speeds [RPM]						
2	95,500	143,200	191,000	238,700	286,500	382,000	477,500
3	63,700	95,500	127,300	159,200	191,000	254,600	318,300
4	47,700	71,600	95,500	119,400	143,200	191,000	238,700
5	38,200	57,300	76,400	95,500	114,600	152,800	191,000
6	31,800	47,700	63,700	79,600	95,500	127,300	159,200
7	27,300	40,900	54,600	68,200	81,900	109,100	136,400
8	23,900	35,800	47,700	59,700	71,600	95,500	119,400
10	19,100	28,600	38,200	47,700	57,300	76,400	95,500
12	15,900	23,900	31,800	39,800	47,700	63,700	79,600
14	13,600	20,500	27,300	34,100	40,900	54,600	68,200
16	11,900	17,900	23,900	29,800	35,800	47,700	59,700
20	9,500	14,300	19,100	23,900	28,600	38,200	47,700
25	7,600	11,500	15,300	19,100	22,900	30,600	38,200
32	6,000	9,000	11,900	14,900	17,900	23,900	29,800
40	4,800	7,200	9,500	11,900	14,300	19,100	23,900
50	3,800	5,700	7,600	9,500	11,500	15,300	19,100

PFERD Grinding points, hardness O – for unhardened, non-tempered steels up to 1200 N/mm² (< 38 HRC)

Shaft diameter 3 mm, pink corundum abrasive, ceramic bond

Application:

Ideal for use on edges and for deburring work on steel structural and cast steel parts as well as for removing burrs and for grinding of chamfers for preparation of weld seams.

- Also suitable for use on low-speed drive motors

Technical data:

- Shaft diameter: 3 mm
- Shaft length: 30 mm
- Number of pieces per packet: 10 PCS

Advantage:

- Long service life and large machining volume due to wear-resistant grain and hard bonding

	Form	Head Ø (mm)	Grain size	Max. rotation speed (U/min(rpm))	Type description	76016... Ident. No.	
	Cylindrical	2	100	201800	ZY 0205 3	005	●
	Cylindrical	3	100	206100	ZY 0306 3	010	●
	Cylindrical	4	100	175100	ZY 0408 3	015	●
	Cylindrical	5	100	130700	ZY 0510 3	020	●
	Cylindrical	6	100	93600	ZY 0613 3	025	●
	Cylindrical	8	46	87600	ZY 0810 3	030	●
	Cylindrical	8	46	61000	ZY 0816 3	035	●
	Cylindrical	10	46	58400	ZY 1013 3	040	●
	Cylindrical	13	60	73400	ZY 1303 3	045	●
	Cylindrical	13	46	45300	ZY 1313 3	050	●
	Cylindrical	16	46	59600	ZY 1604 3	055	●
	Ball shape	5	100	190900	KU 05 3	060	●
	Ball shape	8	80	116200	KU 08 3	065	●
	Ball shape	10	46	83300	KU 10 3	070	●
	Ogive shape	3	100	252000	SP 0306 3	075	●
	Ogive shape	5	100	149500	SP 0510 3	080	●
	Ogive shape	8	80	72800	SP 0816 3	085	●
	Cone	10	46	95400	KE 1010 3	090	●

Prod. Gr. 6AB



Grinding points, hardness O – for unhardened, non-tempered steels up to 1200 N/mm² (< 38 HRC)

Shaft diameter 6 mm, pink corundum abrasive, ceramic bond

Application:

Ideal for use on edges and for deburring work on steel structural and cast steel parts as well as for removing burrs and for grinding of chamfers for preparation of weld seams.

Advantage:

- Long service life and large machining volume due to wear-resistant grain and hard bonding

- Also suitable for use on low-speed drive motors

Technical data:

- Shaft diameter: 6 mm
- Shaft length: 40 mm
- Number of pieces per packet: 10 PCS

	Form	Head Ø (mm)	Grain size	Max. rotation speed (U/min(rpm))	Type description	76016... Ident. No.	
	Cylindrical	3	100	206100	ZY 0306 6	205	●
	Cylindrical	4	100	177400	ZY 0408 6	210	●
	Cylindrical	5	100	157800	ZY 0510 6	215	●
	Cylindrical	6	100	131500	ZY 0613 6	220	●
	Cylindrical	8	80	119300	ZY 0810 6	225	●
	Cylindrical	8	80	119300	ZY 0816 6	230	●
	Cylindrical	10	46	95400	ZY 1013 6	235	●
	Cylindrical	10	46	95400	ZY 1020 6	240	●
	Cylindrical	10	46	83200	ZY 1032 6	245	●
	Cylindrical	13	46	73400	ZY 1313 6	250	●
	Cylindrical	13	46	73400	ZY 1325 6	255	●
	Cylindrical	13	46	42400	ZY 1340 6	260	●
	Cylindrical	16	30	59600	ZY 1610 6	265	●
	Cylindrical	16	30	59600	ZY 1620 6	270	●
	Cylindrical	16	30	51200	ZY 1632 6	275	●
	Cylindrical	16	30	40500	ZY 1640 6	280	●
	Cylindrical	20	46	47700	ZY 2006 6	285	●
	Cylindrical	20	30	47700	ZY 2025 6	290	●
	Cylindrical	20	30	32400	ZY 2040 6	295	●
	Cylindrical	25	46	38100	ZY 2506 6	300	●
	Cylindrical	25	30	32900	ZY 2532 6	305	●
	Cylindrical	32	24	29800	ZY 3220 6	310	●
	Cylindrical	40	30	23800	ZY 4010 6	315	●
	Cylindrical	40	24	23800	ZY 4020 6	320	●
	Ball shape	13	46	73400	KU 13 6	325	●
	Ball shape	16	30	59600	KU 16 6	330	●
	Ball shape	20	30	47700	KU 20 6	335	●
	Ball shape	32	24	29800	KU 32 6	340	●
	Ogive shape	3	100	255500	SP 0306 6	345	●
	Ogive shape	5	100	190900	SP 0510 6	350	●
	Ogive shape	8	80	119300	SP 0816 6	355	●
	Cone	10	46	95400	KE 1025 6	360	●
	Cone	20	30	47700	KE 2032 6	365	●
	Cone	20	30	47700	KE 20 40 6	370	●

Prod. Gr. 6AB



Grinding point sets, hardness O – for unhardened, non-tempered steels up to 1200 N/mm² (< 38 HRC)

Pink corundum abrasive, ceramic bond

Application:

Ident. No. 010: For universal use, form-stable with resistant edges.

Ident. No. 020: For fine work and universal use.

Delivery:

Ident. No. 010: 1 piece each: ZY 1013, ZY 1320, ZY 2006, ZY 2013, ZY 2025, KU 16, WR 2025, KE 2032,

SP 1320, KE 2020

Ident. No. 020: 2 piece each: ZY 0510, ZY 0810, ZY 1604. 1 piece each: ZY 0408, ZY 0613, ZY 0802, ZY 1013, ZY 1303, WR 0510, KU 05, SP 0306, SP 0816

Notes:

Grinding points of O hardness achieve their best performance at a cutting speed of 25 to 40 m/s



Ident. No. 010



Ident. No. 020

Shaft Ø (mm)	Shaft length (mm)	Surface structure	Number of pieces in assortment/set (PCS)	Type description	76017... Ident. No.	
6	40	Rough	10	Set 2001 O G	010	●
3	30	Fine	15	Set 2002 O F	020	●

Prod. Gr. 6AB



Grinding points, hardness J – for hardened, tempered steels over 1200 N/mm² (> 38 HRC)

Shaft diameter 3 mm, white corundum and blue ceramic sintered corundum abrasive, ceramic bond

Application:

Suitable for two-dimensional use on hardened and tempered steels, titanium materials, nickel and cobalt-based alloys and surface-layer welding, as well as for regrounding and smoothing repair welds in tool manufacturing and mould making applications.

Advantage:

- Cool grinding, due to good friability of the grain mixture

- Consistently high removal rate and very long service life due to the self-sharpening effect of the ceramic abrasive grain

Technical data:

- Shaft diameter: 3 mm
- Shaft length: 30 mm
- Grain size: 80
- Number of pieces per packet: 10 PCS

	Form	Head Ø (mm)	Max. rotation speed (U/ min(rpm))	Type description	76018... Ident. No.	
	Cylindrical	3	206100	ZY 0306 3	005	●
	Cylindrical	4	175100	ZY 0408 3	010	●
	Cylindrical	5	130700	ZY 0510 3	015	●
	Cylindrical	6	93600	ZY 0613 3	020	●
	Ball shape	6	149200	KU 06 3	025	●
	Ball shape	8	116200	KU 08 3	030	●
	Ogive shape	6	107900	SP 0613 3	035	●
	Ogive shape	8	72800	SP 0816 3	040	●

Prod. Gr. 6AB



Grinding pockets, synthetic corundum

For use on flexible shafts and electrical or pneumatic straight grinders

Application:

For machining small parts, tight curves, pipes, shapes, models, fittings, etc.
Particularly suitable for levelling, deburring, surface and welding seam machining, as well as for the stepless finishing.

Advantage:

- Perfect fit on the workpiece through flexible abrasive flaps

- Consistently high material removal over the entire service life
- Optimised air supply prevents discolouration occurring

Technical data:

- Binding: Synthetic resin
- Number of pieces per packet: 10 PCS



Head Ø x head length	Shaft Ø (mm)	Grain size Recommend. speed (rpm)	40		60		80		120		150		240		320	
			76043... Ident. No.		76043... Ident. No.		76043... Ident. No.		76043... Ident. No.		76043... Ident. No.		76043... Ident. No.		76043... Ident. No.	
20 x 10 mm	6	19000	100	●	102	●	104	●	106	●	109	●	110	●	112	●
20 x 15 mm	6	19000	120	●	122	●	125	●	126	●	128	●	130	●	132	●
30 x 5 mm	6	16000	140	●	142	●	144	●	146	●	148	●	150	●	152	●
30 x 10 mm	6	16000	160	●	162	●	164	●	166	●	168	●	170	●	172	●
30 x 15 mm	6	16000	180	●	182	●	184	●	186	●	188	●	190	●	192	●
40 x 15 mm	6	12000	200	●	202	●	204	●	206	●	209	●	210	●	212	●
40 x 20 mm	6	12000	220	●	222	●	225	●	226	●	228	●	230	●	232	●
50 x 15 mm	6	9000	240	●	242	●	244	●	246	●	248	●	250	●	252	●
50 x 20 mm	6	9000	260	●	262	●	264	●	266	●	268	●	270	●	272	●
50 x 30 mm	6	9000	281	●	282	●	284	●	286	●	288	●	290	●	292	●
60 x 20 mm	6	8000	300	●	302	●	304	●	306	●	309	●	310	●	312	●
60 x 30 mm	6	8000	320	●	322	●	325	●	326	●	328	●	330	●	332	●
60 x 40 mm	6	8000	340	●	342	●	344	●	346	●	348	●	350	●	352	●
80 x 30 mm	6	6000	360	●	362	●	364	●	366	●	368	●	370	●	372	●
80 x 50 mm	6	6000	380	●	382	●	384	●	386	●	388	●	390	●	392	●
10 x 10 mm	3	38000	-	-	002	●	004	●	006	●	009	●	010	●	-	-
20 x 10 mm	3	19000	-	-	022	●	025	●	026	●	028	●	030	●	-	-
20 x 15 mm	3	19000	-	-	042	●	044	●	046	●	048	●	050	●	-	-
30 x 5 mm	3	16000	-	-	062	●	064	●	066	●	068	●	070	●	-	-
30 x 10 mm	3	16000	-	-	082	●	084	●	086	●	088	●	090	●	-	-

Prod. Gr. 6LA

ORION® Mini flap wheels

For use on flexible shafts and electrical or pneumatic straight grinders

Application:

For machining in hard-to-reach places and of very small surfaces, e.g. fittings made of light or heavy metal, in tool construction, with pressing, casting or die-cast moulds or similar.

- Cast resin core

- Adjusts to the shape of the workpiece during grinding

Technical data:

- Binding: Plastic
- Number of pieces per packet: 10 PCS

**Execution:**

- Plastic-bonded abrasive cloth discs

Head Ø x head length	Shaft Ø (mm)	Recommended rotation speed (U/min(rpm))	Grain size		80		120		150	
					76042... Ident. No.		76042... Ident. No.		76042... Ident. No.	
10 x 10 mm	3	26000			008	●	012	●	015	●
15 x 15 mm	3	24000			058	●	062	●	065	●
15 x 15 mm	6	24000			108	●	112	●	115	●
20 x 10 mm	3	20000			158	●	162	●	165	●
20 x 10 mm	6	20000			208	●	212	●	215	●
20 x 15 mm	3	20000			258	●	262	●	265	●
20 x 15 mm	6	20000			308	●	312	●	315	●

Prod. Gr. 6LH

POLINOX® fleece sanding tips

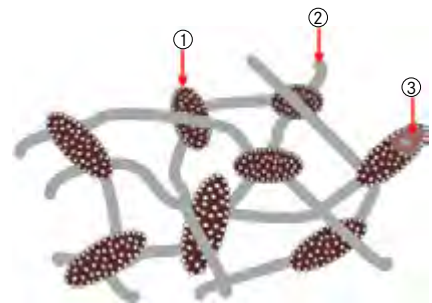
For an exceptional silk-matt sanding finish

General usage information:

Non-woven abrasives are used when other grinding tools have reached the limit of their use or no longer achieve the required result.

Ideal for matting and satin-finishing of metals, cleaning oxidised non-ferrous base metals, uniform brush-matting of stainless steel, roughening of plastics in preparation for bonding and for levelling the surfaces of weld seams. Abrasive fleece can be used for wet or dry sanding.

Flexible shafts, electric and pneumatic straight grinders can be used as tool drives. POLINOX® fleece sanding tips perform best at a recommended cutting speed of 10-20 m/s.



① Abrasive grain ② Synthetic fibres ③ Resin

Special features and application options:**PNL model:**

The abrasive fleece elements are arranged radially. Dense packing of the layers ensures a long service life.

PNL sanding tips are used chiefly for **surface conditioning** to obtain a **fine grinding finish**.

**PNZ model:**

The abrasive fleece elements are arranged radially with abrasive cloth interlayers.

This structure enables **improved stock removal** and produces a **coarser grinding finish**.


**PNG model:**



Made of multiple elements of strongly corrugated abrasive fleece strips wound around a core, arranged radially.

The wavy structure of the abrasive fleece permits **mat finishing of surfaces without visible transitions**.

POLINOX® fleece sanding tips

Shaft diameter 6 mm, shaft length 40 mm

	Material of abrasive medium	Head Ø x head length	Grain size	Max. rotation speed (U/min(rpm))	Recommended rotation speed (U/min(rpm))	Type description Number of pieces per packet (PCS)	POLINOX PNG		POLINOX PNL		POLINOX PNZ	
							76044... Ident. No.		76044... Ident. No.		76044... Ident. No.	
	Corundum	100 x 50 mm	100	6000	3000	5	010	●	-	-	-	-
	Corundum	100 x 50 mm	180	6000	3000	5	018	●	-	-	-	-
	Corundum	100 x 50 mm	280	6000	3000	5	028	●	-	-	-	-
	Silicon carbide	100 x 50 mm	100	6000	3000	5	110	●	-	-	-	-
	Silicon carbide	100 x 50 mm	180	6000	3000	5	118	●	-	-	-	-

	Material of abrasive medium	Head Ø x head length	Grain size	Max. rotation speed (U/min(rpm))	Recom-mended rota-tion speed (U/min(rpm))	Type description Number of pieces per packet (PCS)	POLINOX PNG		POLINOX PNL		POLINOX PNZ	
							76044... Ident. No.		76044... Ident. No.		76044... Ident. No.	
	Corundum	40 x 20 mm	100	15000	7500	10	-	-	305	●	-	-
	Corundum	40 x 20 mm	180	15000	7500	10	-	-	310	●	-	-
	Corundum	40 x 20 mm	280	15000	7500	10	-	-	315	●	-	-
	Corundum	50 x 30 mm	100	12000	6000	10	-	-	320	●	-	-
	Corundum	50 x 30 mm	180	12000	6000	10	-	-	325	●	-	-
	Corundum	50 x 30 mm	280	12000	6000	10	-	-	330	●	-	-
	Corundum	60 x 50 mm	100	10000	5000	10	-	-	335	●	-	-
	Corundum	60 x 50 mm	180	10000	5000	10	-	-	340	●	-	-
	Corundum	60 x 50 mm	280	10000	5000	10	-	-	345	●	-	-
	Corundum	80 x 50 mm	100	7500	4000	10	-	-	350	●	-	-
	Corundum	80 x 50 mm	180	7500	4000	10	-	-	355	●	-	-
	Corundum	80 x 50 mm	280	7500	4000	10	-	-	360	●	-	-
	Corundum	40 x 20 mm	100	15000	7500	10	-	-	-	-	205	●
	Corundum	40 x 20 mm	180	15000	7500	10	-	-	-	-	210	●
	Corundum	50 x 30 mm	100	12000	6000	10	-	-	-	-	215	●
	Corundum	50 x 30 mm	180	12000	6000	10	-	-	-	-	220	●
	Corundum	60 x 50 mm	100	10000	5000	10	-	-	-	-	225	●
	Corundum	60 x 50 mm	180	10000	5000	10	-	-	-	-	230	●
	Corundum	80 x 50 mm	100	7500	4000	10	-	-	-	-	235	●
	Corundum	80 x 50 mm	180	7500	4000	10	-	-	-	-	240	●
	Corundum	100 x 50 mm	100	6000	3000	5	-	-	-	-	245	●
	Corundum	100 x 50 mm	180	6000	3000	5	-	-	-	-	250	●

Prod. Gr. 6AB

ORION® Abrasive fleece sanding tips

Shank diameter 6 mm

Application:

Ident. No. 220–330: Ideal for matting and satin-finishing in conjunction with straight grinders, flexible shafts and electronic drills.

Ident. No. 400–515: Universal for metal machining and for stainless steel using straight grinders, flexible shafts and electronic drills.

▪ **Ident. No. 220–330:** Produces a finer grinding finish



▪ **Ident. No. 400–515:** Produces a coarser grinding finish as the combination of abrasive fleece and flakes achieves a higher removal rate

Advantage:

▪ Even finish over entire service life

Execution:

▪ Corundum with synthetic resin bond

	Head Ø x head length	Grain size	Surface structure	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76045... Ident. No.	
	40 x 20 mm	-	Rough	12200	10	220	●
	40 x 20 mm	-	Medium	12200	10	225	●
	40 x 20 mm	-	Very fine	12200	10	230	●
	50 x 30 mm	-	Rough	12200	10	250	●
	50 x 30 mm	-	Medium	12200	10	255	●
	50 x 30 mm	-	Very fine	12200	10	260	●
	60 x 50 mm	-	Rough	10200	10	280	●
	60 x 50 mm	-	Medium	10200	10	285	●
	60 x 50 mm	-	Very fine	10200	10	290	●
	80 x 50 mm	-	Rough	7600	10	310	●
	80 x 50 mm	-	Medium	7600	10	320	●
	80 x 50 mm	-	Very fine	7600	10	330	●
	40 x 20 mm	60	-	12200	10	400	●
	40 x 20 mm	100	-	12200	10	405	●
	40 x 20 mm	150	-	12200	10	410	●
	50 x 30 mm	60	-	12200	10	425	●
	50 x 30 mm	100	-	12200	10	430	●
	50 x 30 mm	150	-	12200	10	445	●
	60 x 50 mm	60	-	10200	10	460	●
	60 x 50 mm	100	-	10200	10	465	●
	60 x 50 mm	150	-	10200	10	470	●
	80 x 50 mm	60	-	7600	10	480	●
	80 x 50 mm	100	-	7600	10	485	●
	80 x 50 mm	150	-	7600	10	490	●
	100 x 50 mm	60	-	6000	4	505	●
	100 x 50 mm	100	-	6000	4	510	●
	100 x 50 mm	150	-	6000	4	515	●

Prod. Gr. 6LS