

Information

General

LUKAS offers a flap disc for almost every application. These abrasive tools are produced with a wide selection of backing materials (e.g. glass fibre, resin, metal and even with a bio-degradable raw material) to suit every application. The large choice of grit sizes cover high stock removal applications (from grit size 36) to the finish machining application (grit size 240)

Ergonomics

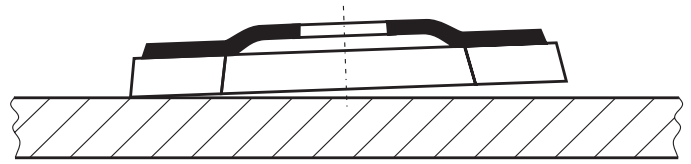
Where lamellar flap discs are used, you can achieve clear ergonomic advantages compared to conventional grinding discs. For example, the noise level perceived is cut in half during grinding, and vibration can also be reduced considerably. In addition, the tools are generally lighter and can be used with less pressure. These advantages mean that they create a positive working climate and lead to fatigue-free working without impairing your health.

The flap discs are available in 100 mm diameter (with 16 mm bore) and in diameters 115 mm, 125 mm, 150 mm and 178 mm (22.23 mm bore); They fit all commonly used angle grinders.

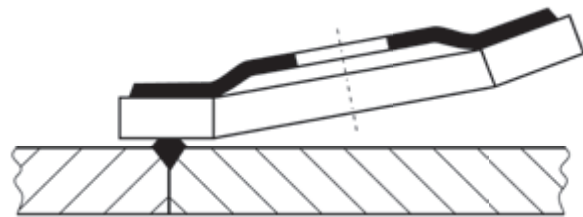
You can choose between the flat or angled versions depending on application.

Examples of application::

- deburring
- fettling
- derusting
- finishing
- Machining of Welds



The flat shape is designed to grind edges and flat surfaces with a working angle of 0° to 15° degrees.



The angled shape is designed for spot grinding e.g. a weld seam with an ideal working angle of 15° to 25° degrees.

Developed for high-performance applications.

Tools of our High Performance Line have been integrated into our iQ-Series product group. Flap Discs in this product group guarantee the highest level of grinding performance due to a patented lamella shape and orientation.



SLTT
iQ Series



V2 Power
iQ Series



SLTflex
iQ Series



V4 Purple Power
iQ Series



V4 Master
iQ Series



Purple Grain
iQ Series

Grinding, Polishing
(flexible)



Innovative quality made by LUKAS

Purple Grain - Aggressive. Durable. Ergonomic.

Power packs for your heavy-duty applications



Ideal for

- Machining weld seams
- Bevelling
- Removing large quantities of material

Properties

- high stability and durability
- integrated backing pad in recycled fibre
- uniform wear and tear without overheating

Grinding, Polishing
(flexible)

**Purple
Grain**
iQ Series



innovative
ceramic grain



grinding
angle < 10°



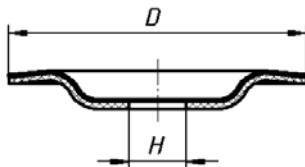
no backing pad
required



low-vibration

THE POWER OF
PURPLE GRAIN

Purple Grain Single compact grinding disc



Ordering example: A27601150361547

v_{max.}: 80 m/s

Ceramic = Abrasive cloth ceramic grain



PG 5

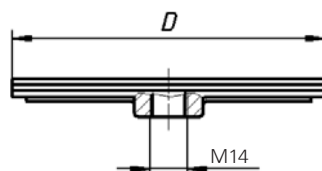
Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27601150361547	PURPLE GRAIN SINGLE 115	Ceramic 36	115	22,23	13.300	1 2 3 4 5 6 7	■	10
A27601250361547	PURPLE GRAIN SINGLE 125	Ceramic 36	125	22,23	12.200	1 2 3 4 5 6 7	■	10

Purple Grain Single: The dynamic all-roander with a long service life

Even with the use of very little force, „Purple Grain Single“ achieves removal rates with a „wow“ effect. The integrated backing pad made of environment-friendly recycled fibre guarantees a high degree of stability and durability. The innovative structure allows uniform wear and tear without overheating, embrittlement or eruptions. The deep offset zone allows you to work at a fl at angle. Thanks to its special tool geometry, the „Purple Grain Single“ can also reach inaccessible areas, thus offering more possible applications than a conventional tool.

Grinding. Polishing (flexible)

Compact grinding disc Purple Grain Multi



Ordering example: A27621150361547

v_{max.}: 80 m/s

Ceramic = Abrasive cloth ceramic grain



PG 5

Product number	Description	Grit	D mm	Thread	n max. (1/min)	recommended for Information on page 438		
A27621150361547	PURPLE GRAIN MULTI 115	Ceramic 36	115	M14	13.300	1 2 3 4 5 6 7	■	10
A27621250361547	PURPLE GRAIN MULTI 125	Ceramic 36	125	M14	12.200	1 2 3 4 5 6 7	■	10

Purple Grain Multi: Three times the removal rate!

With its unique multilayer design, the powerful „Purple Grain Multi“ achieves maximum service life. The wear of the three grinding layers remains under control right up to the end. This is reflected in measurable cost savings compared with conventional tools. The integrated M14 threaded holder ensures superfast tool changes without an annoying clamping nut. With its flat tool geometry, the „Purple Grain Multi“ achieves very good finishes, thus avoiding the need for reworking.

CERAMIC

Self-sharpening ceramic grain ensures consistently aggressive, cool grinding with at the same time low contact pressure. The tools remain aggressive in their grinding capacity, right down to the last grain.



Innovative ceramic grain



Ceramic grain: aggressive right to the very end

SLTT – for highest chip removal!

Feel the efficiency compared to grinding wheels or conventional lamellar flap discs.

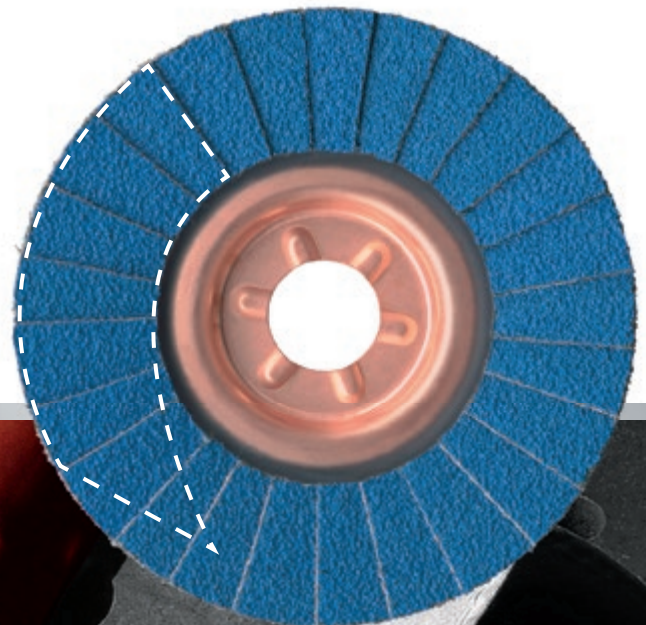


Ideal for

- removing weld seams
- deburring & fettling
- fine finishing & rust removal

Characteristics

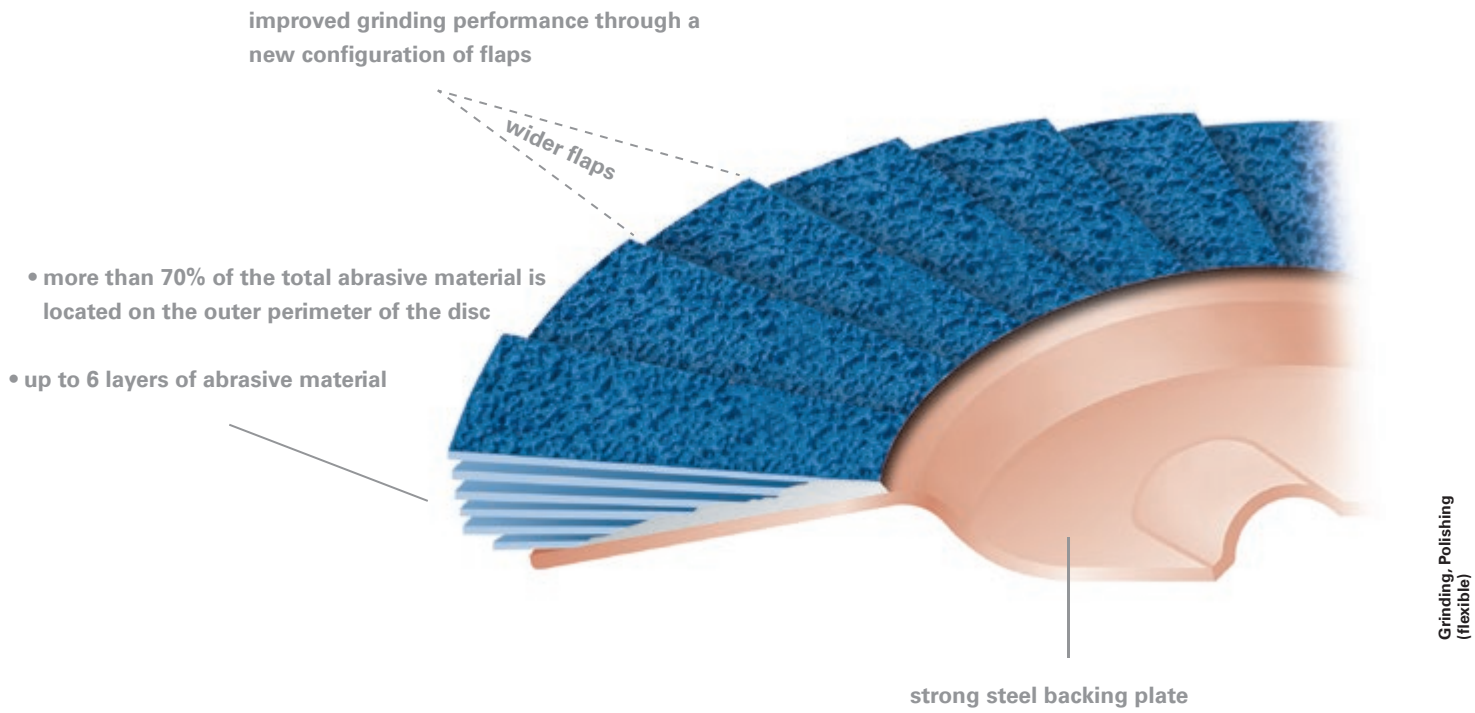
- exceptional stock-removal capability
- enormous tool life
- strong steel backing plate
- quite & less vibration



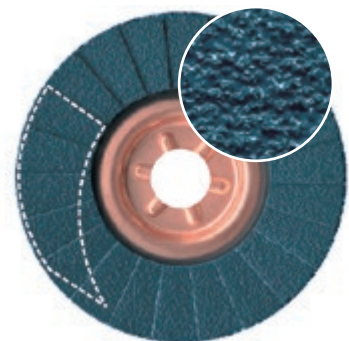
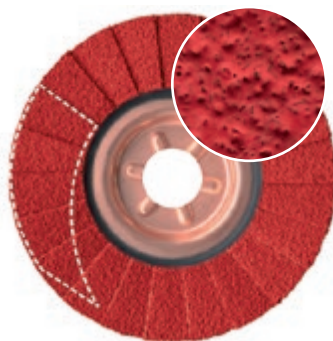
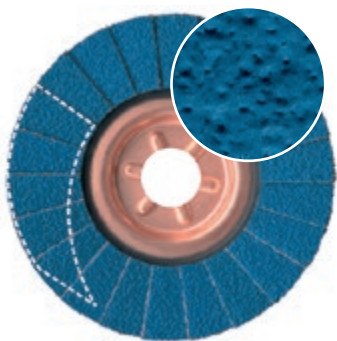
SLTT
iQ Series

A patented new design and configuration of flaps
(more grains in action)





The three qualities of the iQ series:

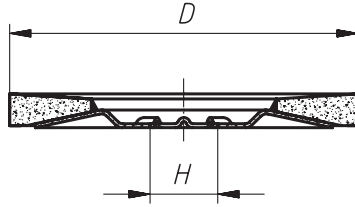


Inox Z-Power coated abrasive	Heavy Duty Ceramic coated abrasive	Steel ZK coated abrasive
<ul style="list-style-type: none"> • recently developed for the machining of stainless steel • no glazing or heating of flaps, owing to top size coating • equally efficient for both edge and surface applications • iron-sulphur-chlorine free 	<ul style="list-style-type: none"> • recently developed for the most demanding and severe applications • particularly robust for edge grinding, on heat treated steels, surface scale or coated surfaces • iron-sulphur-chlorine free 	<ul style="list-style-type: none"> • optimized for universal application on a wide variety of steels and aluminium • tough grain with a high degree of resistance to pressure • quicker, more aggressive and longer tool life when compared with our current ZKS quality

SLTT Heavy Duty, our Turbo Flap Disc for roughest application



★★★



Ordering example: A27201150400050

v_{max.}: 80 m/s

Ceramic = Abrasive cloth ceramic grain



PG 5

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27201150400050	SLTT 115	Ceramic 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201150600050	SLTT 115	Ceramic 60	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201250400050A	SLTT 125	Ceramic 40	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201250600050	SLTT 125	Ceramic 60	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201500400050	SLTT 150	Ceramic 40	150	22,23	10.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201780400050	SLTT 178	Ceramic 40	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201780600050	SLTT 178	Ceramic 60	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10

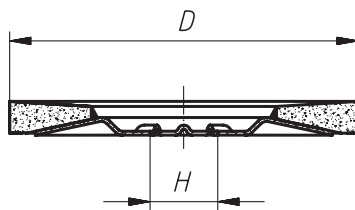
Properties:

- particularly robust for edge grinding, on heat treated steels, surface scale or coated surfaces
- iron-sulphur-chlorine free

SLTT INOX, our Turbo Flap Disc to work on stainless steel



★★★



Ordering example: A27201150400045

v_{max.}: 80 m/s

Z Power = Abrasive cloth using Zirconia Alum. Oxide with special coating containing active grinding additives



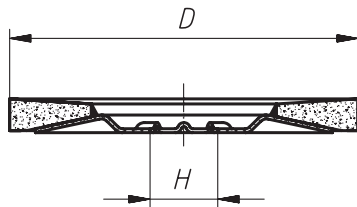
PG 5

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27201150400045	SLTT 115	Z Power 40	115	22,23	13.300	① ② ③ ④	■	10
A27201150600045	SLTT 115	Z Power 60	115	22,23	13.300	① ② ③ ④	■	10
A27201250400045A	SLTT 125	Z Power 40	125	22,23	12.200	① ② ③ ④	■	10
A27201250600045	SLTT 125	Z Power 60	125	22,23	12.200	① ② ③ ④	■	10
A27201500400045	SLTT 150	Z Power 40	150	22,23	10.200	① ② ③ ④	■	10
A27201780400045	SLTT 178	Z Power 40	178	22,23	8.500	① ② ③ ④	■	10
A27201780600045	SLTT 178	Z Power 60	178	22,23	8.500	① ② ③ ④	■	10

Properties:

- No glazing or heating of flaps
- equally efficient for both edge and surface applications
- iron-sulphur-chlorine free

SLTT Steel, our Turbo Flap Disc for universal application on steel and aluminium



Ordering example: A27201150400065

v_{max.}: 80 m/s

ZK = Abrasive cloth with Zirconia Alum. Oxide



PG 5

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27201150400065	SLTT 115	ZK 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201150600065	SLTT 115	ZK 60	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201250600065	SLTT 125	ZK 60	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201250400065A	SLTT 125	ZK 40	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201500400065	SLTT 150	ZK 40	150	22,23	10.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201500600065	SLTT 150	ZK 60	150	22,23	10.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201780400065	SLTT 178	ZK 40	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27201780600065	SLTT 178	ZK 60	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10

Properties:

- tough grain with a high degree of resistance to pressure
- quicker, more aggressive and longer tool life when compared with our current Alum. Oxide ZKS quality

Grinding, Polishing (flexible)

V2 Power – for general purpose!

Feel the efficiency compared to conventional lamellar flap discs.



Ideal for

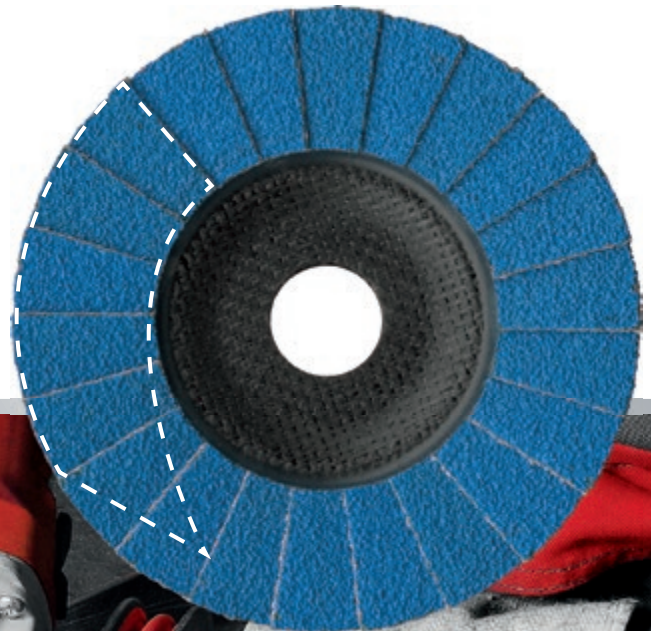
- removing weld seams
- deburring & fettling
- fine finishing & rust removal

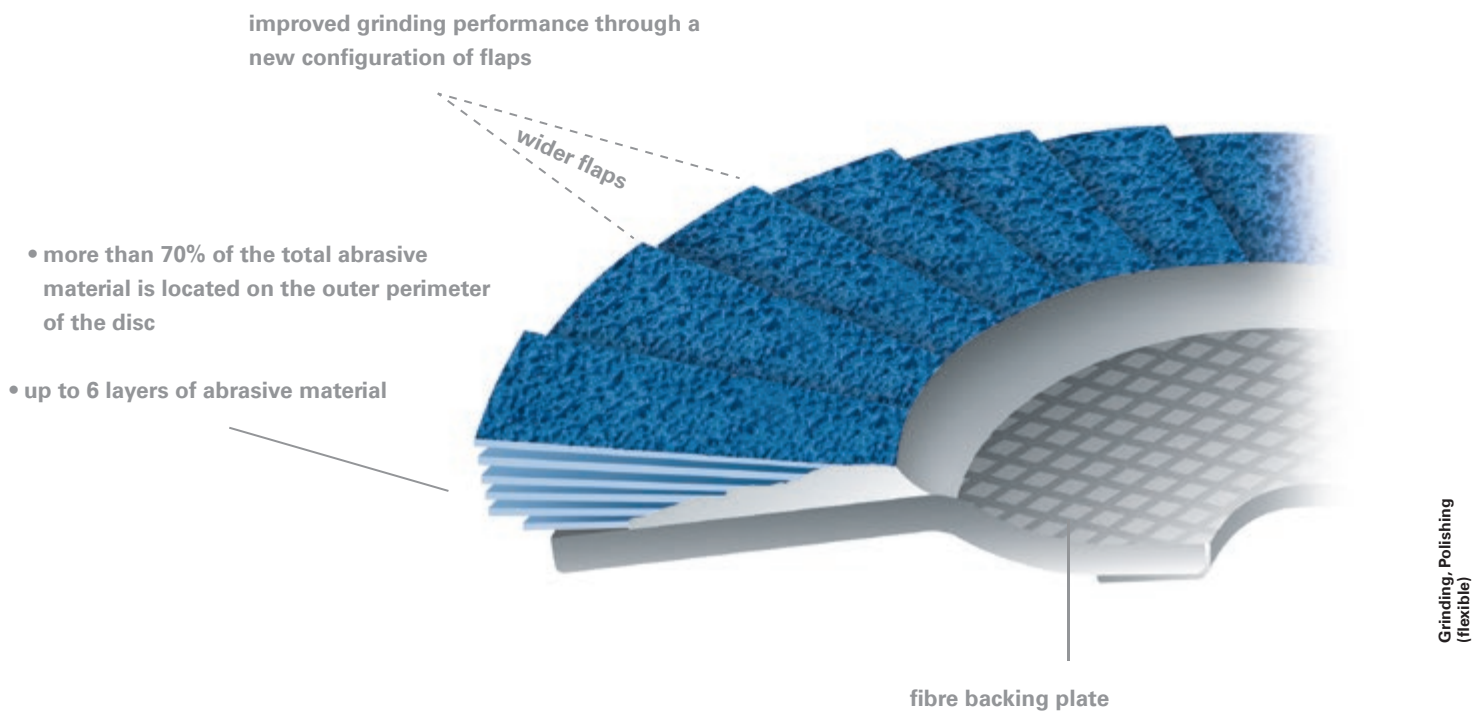
Characteristics

- exceptional stock-removal capability
- outstanding tool life
- robust fibre backing plate

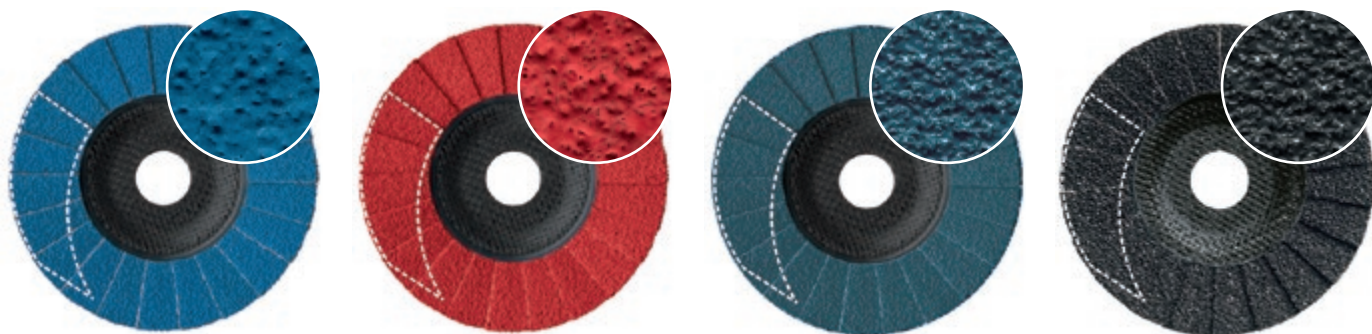
V2 Power
iQ Series

A patented new design and configuration
of flaps
(more grains in action)



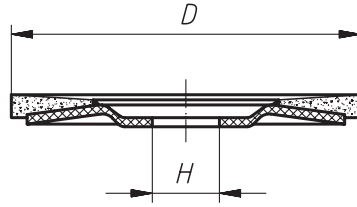


The four qualities in the iQ Series – for all materials and for every application!



Inox Z-Power coated abrasive	Heavy Duty Ceramic coated abrasive	Steel ZK coated abrasive	ALU SIC – coated abrasive
<ul style="list-style-type: none"> • recently developed for the machining of stainless steel • no glazing or heating of flaps, owing to top size coating • equally efficient for both edge and surface applications • iron-sulphur-chlorine free 	<ul style="list-style-type: none"> • recently developed for the most demanding and severe applications • particularly robust for edge grinding, on heat treated steels, surface scale or coated surfaces • iron-sulphur-chlorine free 	<ul style="list-style-type: none"> • optimized for universal application on a wide variety of steels and aluminium • tough grain with a high degree of resistance to pressure • quicker, more aggressive and longer tool life when compared with our current ZKS quality 	<ul style="list-style-type: none"> • specially suited for weld preparation and finishing of aluminium • also ideal for fibre reinforced materials such as CRP and GRP

V2 Power Heavy Duty for roughest application



Ordering example: A27441150401450

v_{max}: 80 m/s

Ceramic = ceramic grain



PG 5

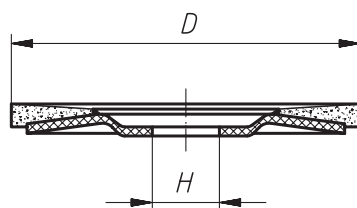
Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27441150401450	V2 POWER 115	Ceramic 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441150601450	V2 POWER 115	Ceramic 60	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441250401450	V2 POWER 125	Ceramic 40	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441250601450	V2 POWER 125	Ceramic 60	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441780401450	V2 POWER 178	Ceramic 40	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441780601450	V2 POWER 178	Ceramic 60	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27442300401428	V2 POWER 230	Ceramic 40	230	22,23	6.600	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10

Properties:

- particularly robust for edge grinding, on heat treated steels, surface scale or coated surfaces
- iron-sulphur-chlorine free

Grinding, Polishing (flexible)

V2 Power Inox to work on stainless steel



Ordering example: A27441150401445

v_{max}: 80 m/s

Z Power = Abrasive cloth using Zirconia Alum. Oxide with special coating containing active grinding additives



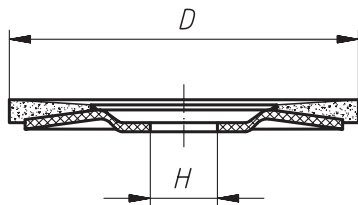
PG 5

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27441150401445	V2 POWER 115	Z Power 40	115	22,23	13.300	① ② ③ ④	■	10
A27441150601445	V2 POWER 115	Z Power 60	115	22,23	13.300	① ② ③ ④	■	10
A27441250401445	V2 POWER 125	Z Power 40	125	22,23	12.200	① ② ③ ④	■	10
A27441250601445	V2 POWER 125	Z Power 60	125	22,23	12.200	① ② ③ ④	■	10
A27441780401445	V2 POWER 178	Z Power 40	178	22,23	8.500	① ② ③ ④	■	10
A27441780601445	V2 POWER 178	Z Power 60	178	22,23	8.500	① ② ③ ④	■	10

Properties:

- no glazing or heat generation
- equally efficient for both edge and surface applications
- iron-sulphur-chlorine free

V2 Power Steel for universal application on steel and aluminium



Ordering example: A27441000401465

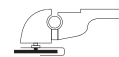
v_{max.}: 80 m/s

ZK = Abrasive cloth with Zirconia

Alum. Oxide ZKS = Zirconia Alum.

Oxide with special coating containing active grinding additives

iQ Series



PG 5

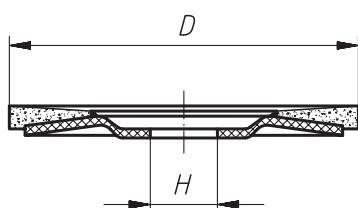
Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27441000401465	V2 POWER 100	ZK 40	100	16	15.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441000601465	V2 POWER 100	ZK 60	100	16	15.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441150401465	V2 POWER 115	ZK 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441150601465	V2 POWER 115	ZK 60	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441250401465	V2 POWER 125	ZK 40	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441250601465	V2 POWER 125	ZK 60	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441780401465	V2 POWER 178	ZK 40	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27441780601465	V2 POWER 178	ZK 60	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27442300401418	V2 POWER 230	ZKS 40	230	22,23	6.600	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	5

Properties:

- tough grain with a high degree of resistance to pressure

Grinding, Polishing (flexible)

V2 Power ALU



Ordering example: A27441150361434

v_{max.}: 80 m/s

SIC = Siliciumcarbide

iQ Series



PG 5

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27441150361434	V2 POWER 115	SIC 36	115	22,23	13.300	⑥ ⑦ ⑧	■	10
A27441150401434	V2 POWER 115	SIC 40	115	22,23	13.300	⑥ ⑦ ⑧	■	10
A27441250361434	V2 POWER 125	SIC 36	125	22,23	12.200	⑥ ⑦ ⑧	■	10
A27441250401434	V2 POWER 125	SIC 40	125	22,23	12.200	⑥ ⑦ ⑧	■	10
A27441780241434	V2 POWER 178	SIC 24	178	22,23	8.500	⑥ ⑦ ⑧	■	10
A27441780361434	V2 POWER 178	SIC 36	178	22,23	8.500	⑥ ⑦ ⑧	■	10

Properties:

- Silicon carbide (SIC) ideally suited for preparation and finishing of weld seams with various aluminium alloys
- Silicon carbide (SIC) ideally suited for the machining of contemporary workpiece materials such as CRP or GRP

V4 Purple Power – for the use of robots

Extreme grinding performance in industrial applications

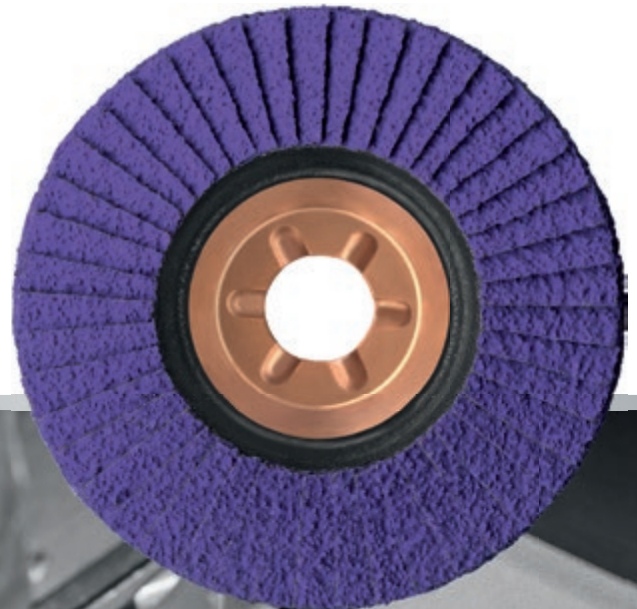
Ideal for

- the use on grinding robots
- grinding machines and
- strong power plants

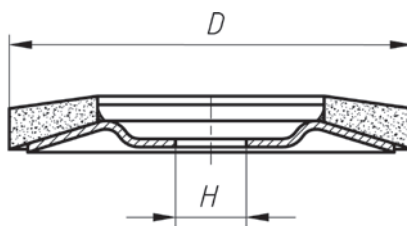
Advantages

- extreme removal rate
- less tool change
- high ergonomics

V4
Purple Power
iQ Series



V4 Purple Power



Ordering example: A274812503600475

vmax.: 80 m/s

Ceramic = ceramic grain



PG 0

Product number	Description	Grit	D mm	n max. (1/min)	recommended for Information on page 438		
A274812503600475	V4 PURPLE-POWER 125	Ceramic 36	125	12.200	1 2 3 4 5 6 7	■	5

V4 Purple Power – for the use of robots

Extreme grinding performance in industrial applications

Ideal for

- the use on grinding robots,
- grinding machines and
- strong power plants

Advantages:

- extreme removal rate
- less tool change
- high ergonomics

Grinding, Polishing
(flexible)

V4 Master – extremely aggressive and durable



Areas of application

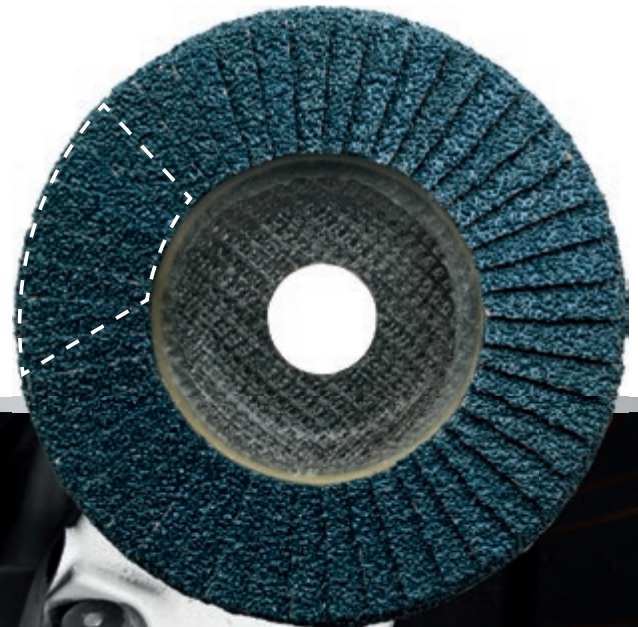
- rounding sharp edges
- removing weld seams
- treatment of thermal cuts

Customized for your industry:

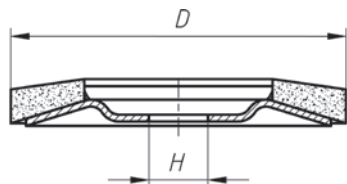
- Steel and tank construction
- Shipyards and offshore
- Machine and plant engineering

Schleifen, Polieren
(flexibel)

V4 Master
iQ Series



V4 Master – Master of its class



Ordering example: A27471150401465

v_{max.}: 80 m/s

ZK = Abrasive cloth with Zirconia Alum. Oxide



PG 5

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27471150401465	V4 MASTER 115	ZK 40	115	22,23	13.300	1 2 3 4 6 7	■	10
A27471150601465	V4 MASTER 115	ZK 60	115	22,23	13.300	1 2 3 4 6 7	■	10
A27471250401465	V4 MASTER 125	ZK 40	125	22,23	12.200	1 2 3 4 6 7	■	10
A27471250601465	V4 MASTER 125	ZK 60	125	22,23	12.200	1 2 3 4 6 7	■	10
A27471780401465	V4 MASTER 178	ZK 40	178	22,23	8.500	1 2 3 4 6 7	■	10

Characteristics:

- extreme stock removal
- good edge retention
- deep recess around the bore
- long tool life
- low noise and low vibration
- ergonomically due to less effort
- iron-sulphur-chlorine free

Grinding, Polishing (flexible)

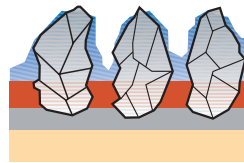
SLTflex – for the awkward areas!

Feel the efficiency compared to conventional lamellar flap discs or fibre discs.

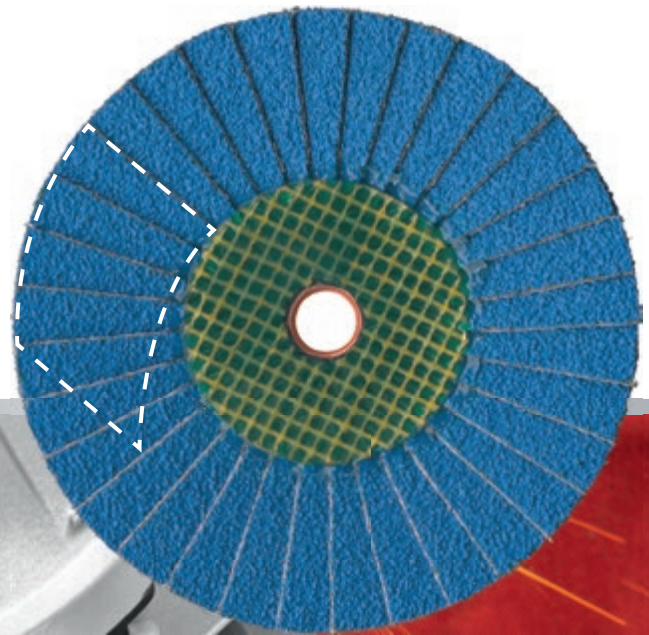


Ideal for:

- machining of fillet welds
- deburring & fettling
- fine finishing & rust removal



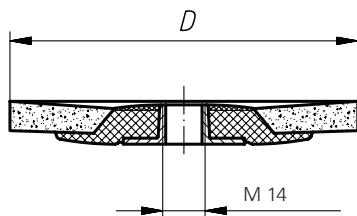
Using a high quality coated abrasive (zirconia with a coating of active grinding additives)



SLTflex
iQ Series



SLTflex Ceramic, the powerful disc for radii and fillet welds



Ordering example: A272711504070

v_{max.}: 80 m/s

Ceramic = ceramic grain

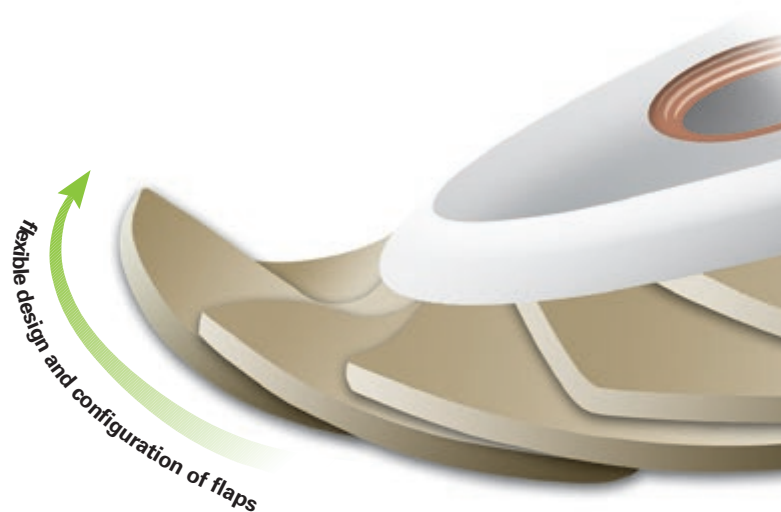


PG 5

Product number	Description	Grit	D mm	Thread	n max (1/min)	recommended for Information on page 438		
A272711504070	SLTflex 115	Ceramic 40	115	M14	13.300	1 2 3 4 5 6 7	■	10
A272711506070	SLTflex 115	Ceramic 60	115	M14	13.300	1 2 3 4 5 6 7	■	10
A272712504070	SLTflex 125	Ceramic 40	125	M14	12.200	1 2 3 4 5 6 7	■	10
A272712506070	SLTflex 125	Ceramic 60	125	M14	12.200	1 2 3 4 5 6 7	■	10

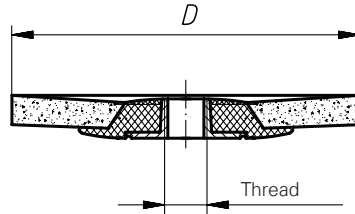
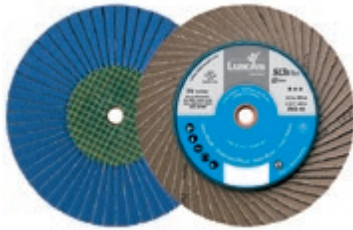
Properties:

- high flexibility due to elongated flaps (no disturbing backing plate)
- simple tool change (backing plate / pad and mounting nut no longer required)
- extreme tool life



Grinding, Polishing (flexible)

SLTs-flex superflexibel



Ordering example: A272910004018

vmax.: 80 m/s

Ø 100 mm: 63 m/s

Alum. Oxide ZKS = Zirconia Alum.
Oxide with special coating containing active grinding additives



PG 5

Product number	Description	Grit	D mm	Thread	n max (1/min)	recommended for Information on page 438		
A272910004018	SLTs-flex 100	ZKS 40	100	M10	12.100	1 2 3 4 5 6 7	■	10
A272910006018	SLTs-flex 100	ZKS 60	100	M10	12.100	1 2 3 4 5 6 7	■	10
A272910008018	SLTs-flex 100	ZKS 80	100	M10	12.100	1 2 3 4 5 6 7	■	10
A672911504018	SLTs-flex 115	ZKS 40	115	M14	13.300	1 2 3 4 5 6 7	■	10
A672911506018	SLTs-flex 115	ZKS 60	115	M14	13.300	1 2 3 4 5 6 7	■	10
A672911508018	SLTs-flex 115	ZKS 80	115	M14	13.300	1 2 3 4 5 6 7	■	10
A672912504018	SLTs-flex 125	ZKS 40	125	M14	12.200	1 2 3 4 5 6 7	■	10
A672912506018	SLTs-flex 125	ZKS 60	125	M14	12.200	1 2 3 4 5 6 7	■	10
A672912508018	SLTs-flex 125	ZKS 80	125	M14	12.200	1 2 3 4 5 6 7	■	10
A272917804018	SLTs-flex 178	ZKS 40	178	M14	8.500	1 2 3 4 5 6 7	■	10
A272917806018	SLTs-flex 178	ZKS 60	178	M14	8.500	1 2 3 4 5 6 7	■	10
A272917808018	SLTs-flex 178	ZKS 80	178	M14	8.500	1 2 3 4 5 6 7	■	10

Properties:

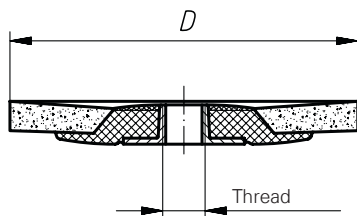
- even further projecting flaps
- more flexibility
- M14 quick-release screw thread

Advantages:

- super soft grinding
- for perfect surfaces
- fast tool change
- no backing plate and mounting nut required

Grinding, Polishing
(flexible)

SLTflex – for radii and fillet weldings



Ordering example: A272711504018

v_{max.}: 80 m/s
 Ø 100 mm: 63 m/s



ZK = Abrasive cloth with Zirconia Alum. Oxide

ZKS = Zirconia Alum. Oxide with special coating containing active grinding additives



PG 5

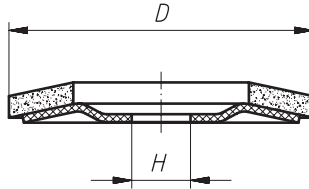
Product number	Description	Grit	D mm	Thread	n max (1/min)	recommended for Information on page 438			
A272711504018	SLTflex 115	ZKS 40	115	M14	13.300	1 2 3 4 5 6 7			■ 10
A272811504018	SLTflex 115	ZKS 40	115	5/8"	13.300	1 2 3 4 5 6 7			■ 10
A272711506018	SLTflex 115	ZKS 60	115	M14	13.300	1 2 3 4 5 6 7			■ 10
A272811506018	SLTflex 115	ZKS 60	115	5/8"	13.300	1 2 3 4 5 6 7			■ 10
A272711508016	SLTflex 115	ZK 80	115	M14	13.300	1 2 3 4 5 6 7			■ 10
A272811508018	SLTflex 115	ZK 80	115	5/8"	13.300	1 2 3 4 5 6 7			■ 10
A272711512016	SLTflex 115	ZK 120	115	M14	13.300	1 2 3 4 5 6 7			■ 10
A272811512018	SLTflex 115	ZK 120	115	5/8"	13.300	1 2 3 4 5 6 7			■ 10
A272712504018	SLTflex 125	ZKS 40	125	M14	12.200	1 2 3 4 5 6 7			■ 10
A272812504018	SLTflex 125	ZKS 40	125	5/8"	12.200	1 2 3 4 5 6 7			■ 10
A272712506018	SLTflex 125	ZKS 60	125	M14	12.200	1 2 3 4 5 6 7			■ 10
A272812506018	SLTflex 125	ZKS 60	125	5/8"	12.200	1 2 3 4 5 6 7			■ 10
A272712508016	SLTflex 125	ZK 80	125	M14	12.200	1 2 3 4 5 6 7			■ 10
A272812508018	SLTflex 125	ZK 80	125	5/8"	12.200	1 2 3 4 5 6 7			■ 10
A272712512016	SLTflex 125	ZK 120	125	M14	12.200	1 2 3 4 5 6 7			■ 10
A272812512018	SLTflex 125	ZK 120	125	5/8"	12.200	1 2 3 4 5 6 7			■ 10

Properties:

- high flexibility due to elongated flaps (no disturbing backing plate)
- simple tool change (backing plate / pad and mounting nut no longer required)
- long life

Grinding, Polishing (flexible)

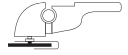
Lamellar Flap Discs SLTR Control



Ordering example: A27461150401406

v_{max.}: 80 m/s

ZK = Zirconia Alum. Oxide



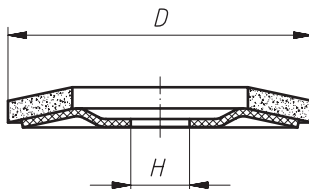
PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438									
A27461150401406	SLTR 115 Control	ZK 40 INOX	115	22,23	13.300	1	2	3	4	5	7			■	10
A27461150601406	SLTR 115 Control	ZK 60 INOX	115	22,23	13.300	1	2	3	4	5	7			■	10
A27461150801406	SLTR 115 Control	ZK 80 INOX	115	22,23	13.300	1	2	3	4	5	7			■	10
A27461250401406	SLTR 125 Control	ZK 40 INOX	125	22,23	12.200	1	2	3	4	5	7			■	10
A27461250601406	SLTR 125 Control	ZK 60 INOX	125	22,23	12.200	1	2	3	4	5	7			■	10
A27461250801406	SLTR 125 Control	ZK 80 INOX	125	22,23	12.200	1	2	3	4	5	7			■	10

- check continuously the ongoing process
- protect any sensitive surfaces from damage during the grinding process

Grinding, Polishing
(flexible)

The SLTZ, with special active grinding additives



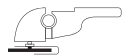
Ordering example: A27261150401418

v_{max.}: 80 m/s

ISO 15635

ZKS = Zirconia Alum. Oxide with special coating containing active grinding additives

SLTZ = dished



PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438									
A27261150401418	SLTZ 115	ZKS 40	115	22,23	13.300		2	3	4	5	7			■	10
A27261150601418	SLTZ 115	ZKS 60	115	22,23	13.300		2	3	4	5	7			■	10
A27261150801418	SLTZ 115	ZKS 80	115	22,23	13.300		2	3	4	5	7			■	10
A27261250401418	SLTZ 125	ZKS 40	125	22,23	12.200		2	3	4	5	7			■	10
A27261250601418	SLTZ 125	ZKS 60	125	22,23	12.200		2	3	4	5	7			■	10
A27261250801418	SLTZ 125	ZKS 80	125	22,23	12.200		2	3	4	5	7			■	10

Properties:

- high quality coated abrasive containing special active grinding additives
- top grinding performance
- outstanding tool life

Applicaton:

- shipbuilding
- steel construction work
- stainless steel
- and many other applications

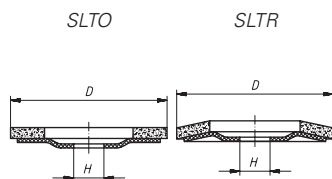
Characteristics:

- suitable for most materials
- can be used for deburring, fettling, derusting and finishing

SLTO/SLTR, the powerful performer with the glass-fibre backing plate



★★★



Ordering example: A27231150401428

v_{max.}: 80 m/s

ISO 15635

Ceramic = ceramic grain

SLTO = flat

SLTR = dished



PG 6

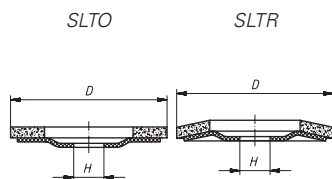
Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27251150401428	SLTO 115	Ceramic 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27251250401428	SLTO 125	Ceramic 40	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27251250601428	SLTO 125	Ceramic 60	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27251250801428	SLTO 125	Ceramic 80	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27231150401428	SLTR 115	Ceramic 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27231150601428	SLTR 115	Ceramic 60	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27231150801428	SLTR 115	Ceramic 80	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27231250401428	SLTR 125	Ceramic 40	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27231250601428	SLTR 125	Ceramic 60	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27231250801428	SLTR 125	Ceramic 80	125	22,23	12.200	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27231780401428	SLTR 178	Ceramic 40	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10

Grinding, Polishing (flexible)

SLTO/SLTR, reinforced fibre backing



★★☆



Ordering example: A27151000401423

v_{max.}: 80 m/s

ISO 15635

ZK = Zirconia Alum. Oxide

NK = reg. Aluminium Oxide

SLTO = flat

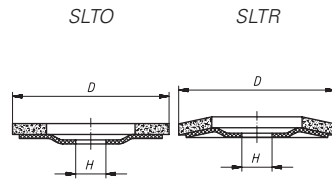
SLTR = dished



PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27151000601423	SLTO 100	ZK 60	100	16	15.300	① ② ③ ④ ⑤ ⑦	■	10
A27151000801423	SLTO 100	ZK 80	100	16	15.300	① ② ③ ④ ⑤ ⑦	■	10
A27151150401400	SLTO 115	NK 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27151150601400	SLTO 115	NK 60	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27151150801400	SLTO 115	NK 80	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27151151201400	SLTO 115	NK 120	115	22,23	13.300	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27151150361406	SLTO 115	ZK 36	115	22,23	13.300	① ② ③ ④ ⑤ ⑦	■	10
A27151150401406	SLTO 115	ZK 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑦	■	10

SLTO/SLTR, reinforced fibre backing



Ordering example: A27151000401423

v_{max.}: 80 m/s

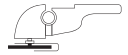
ISO 15635

ZK = Zirconia Alum. Oxide

NK = reg. Aluminium Oxide

SLTO = flat

SLTR = dished

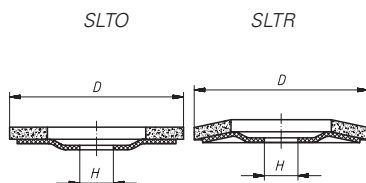


PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438									
A27151150501406	SLTO 115	ZK 50	115	22,23	13.300	1	2	3	4	5	7			■	10
A27151150601406	SLTO 115	ZK 60	115	22,23	13.300	1	2	3	4	5	7			■	10
A27151150801406	SLTO 115	ZK 80	115	22,23	13.300	1	2	3	4	5	7			■	10
A27151151201406	SLTO 115	ZK 120	115	22,23	13.300	1	2	3	4	5	7			■	10
A27151250401400	SLTO 125	NK 40	125	22,23	12.200	1	2	3	4	5	6	7	8	■	10
A27151250501400	SLTO 125	NK 50	125	22,23	12.200	1	2	3	4	5	6	7	8	■	10
A27151250401406	SLTO 125	ZK 40	125	22,23	12.200	1	2	3	4	5	7			■	10
A27151250501406	SLTO 125	ZK 50	125	22,23	12.200	1	2	3	4	5	7			■	10
A27151250601406	SLTO 125	ZK 60	125	22,23	12.200	1	2	3	4	5	7			■	10
A27151250801406	SLTO 125	ZK 80	125	22,23	12.200	1	2	3	4	5	7			■	10
A27151780601400	SLTO 178	NK 60	178	22,23	8.500	1	2	3	4	5	6	7	8	■	10
A27151780361401	SLTO 178	ZK 36	178	22,23	8.500	1	2	3	4	5	7			■	10
A27151780401401	SLTO 178	ZK 40	178	22,23	8.500	1	2	3	4	5	7			■	10
A27151780601401	SLTO 178	ZK 60	178	22,23	8.500	1	2	3	4	5	7			■	10
A27151780801401	SLTO 178	ZK 80	178	22,23	8.500	1	2	3	4	5	7			■	10
A27151781201401	SLTO 178	ZK 120	178	22,23	8.500	1	2	3	4	5	7			■	10
A27181000401423	SLTR 100	ZK 40	100	16	15.300	1	2	3	4	5	7			■	10
A27181000601423	SLTR 100	ZK 60	100	16	15.300	1	2	3	4	5	7			■	10
A27181000801423	SLTR 100	ZK 80	100	16	15.300	1	2	3	4	5	7			■	10
A27181150361400	SLTR 115	NK 36	115	22,23	13.300	1	2	3	4	5	6	7	8	■	10
A27181150401400	SLTR 115	NK 40	115	22,23	13.300	1	2	3	4	5	6	7	8	■	10
A27181150601400	SLTR 115	NK 60	115	22,23	13.300	1	2	3	4	5	6	7	8	■	10
A27181150801400	SLTR 115	NK 80	115	22,23	13.300	1	2	3	4	5	6	7	8	■	10
A27181151201400	SLTR 115	NK 120	115	22,23	13.300	1	2	3	4	5	6	7	8	■	10
A27181150361406	SLTR 115	ZK 36	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181150401406	SLTR 115	ZK 40	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181150501406	SLTR 115	ZK 50	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181150601406	SLTR 115	ZK 60	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181150801406	SLTR 115	ZK 80	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181151201406	SLTR 115	ZK 120	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181250401400	SLTR 125	NK 40	125	22,23	12.200	1	2	3	4	5	6	7	8	■	10
A27181250601400	SLTR 125	NK 60	125	22,23	12.200	1	2	3	4	5	6	7	8	■	10
A27181250801400	SLTR 125	NK 80	125	22,23	12.200	1	2	3	4	5	6	7	8	■	10
A27181251201400	SLTR 125	NK 120	125	22,23	12.200	1	2	3	4	5	6	7	8	■	10
A67181251201501	SLTR 125	ZK 120	125	22,23	12.200	1	2	3	4	5	7			■	10
A27181250361406	SLTR 125	ZK 36	125	22,23	12.200	1	2	3	4	5	7			■	10
A27181250401406	SLTR 125	ZK 40	125	22,23	12.200	1	2	3	4	5	7			■	10

Grinding, Polishing
(flexible)

SLTO/SLTR, reinforced fibre backing



Ordering example: A27151000401423

v_{max.}: 80 m/s

ISO 15635

ZK = Zirconia Alum. Oxide

NK = reg. Aluminium Oxide

SLTO = flat

SLTR = dished

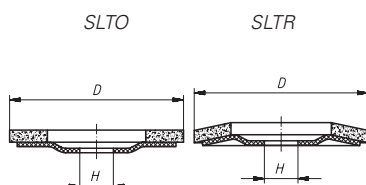


PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27181250601406	SLTR 125	ZK 60	125	22,23	12.200	① ② ③ ④ ⑤ ⑦	■	10
A27181250801406	SLTR 125	ZK 80	125	22,23	12.200	① ② ③ ④ ⑤ ⑦	■	10
A27181251201406	SLTR 125	ZK 120	125	22,23	12.200	① ② ③ ④ ⑤ ⑦	■	10
A27181500401416	SLTR 150	ZK 40	150	22,23	10.200	① ② ③ ④ ⑤ ⑦	■	10
A27181500601416	SLTR 150	ZK 60	150	22,23	10.200	① ② ③ ④ ⑤ ⑦	■	10
A27181500801416	SLTR 150	ZK 80	150	22,23	10.200	① ② ③ ④ ⑤ ⑦	■	10
A27181780401400	SLTR 178	NK 40	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27181780601400	SLTR 178	NK 60	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27181780801400	SLTR 178	NK 80	178	22,23	8.500	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27181780361401	SLTR 178	ZK 36	178	22,23	8.500	① ② ③ ④ ⑤ ⑦	■	10
A27181780401401	SLTR 178	ZK 40	178	22,23	8.500	① ② ③ ④ ⑤ ⑦	■	10
A27181780601401	SLTR 178	ZK 60	178	22,23	8.500	① ② ③ ④ ⑤ ⑦	■	10
A27181780801401	SLTR 178	ZK 80	178	22,23	8.500	① ② ③ ④ ⑤ ⑦	■	10
A27181781201401	SLTR 178	ZK 120	178	22,23	8.500	① ② ③ ④ ⑤ ⑦	■	10

Grinding, Polishing (flexible)

SLTO/SLTR competitively priced BASE-X, reinforced fibre backing



Ordering example: A27151000401501

v_{max.}: 80 m/s

ISO 15635

ZK = Zirconia Alum. Oxide

SLTO = flat

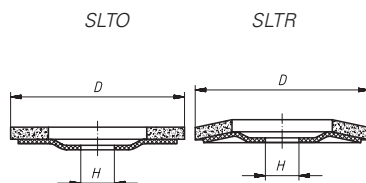
SLTR = dished



PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27151000401501	SLTO 100 BASE-X	ZK 40	100	16	15.300	① ② ③ ④ ⑤ ⑦	■	10
A27151000601501	SLTO 100 BASE-X	ZK 60	100	16	15.300	① ② ③ ④ ⑤ ⑦	■	10
A27151000801501	SLTO 100 BASE-X	ZK 80	100	16	15.300	① ② ③ ④ ⑤ ⑦	■	10
A27151001201501	SLTO 100 BASE-X	ZK 120	100	16	15.300	① ② ③ ④ ⑤ ⑦	■	10
A27151150401501	SLTO 115 BASE-X	ZK 40	115	22,23	13.300	① ② ③ ④ ⑤ ⑦	■	10

SLTO/SLTR competitively priced BASE-X, reinforced fibre backing



Ordering example: A27151000401501

v_{max.}: 80 m/s

ISO 15635

ZK = Zirconia Alum. Oxide

SLTO = flat

SLTR = dished

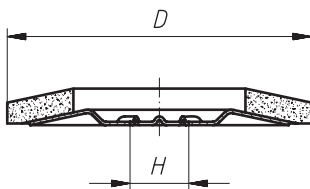


PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438									
A27151150601501	SLTO 115 BASE-X	ZK 60	115	22,23	13.300	1	2	3	4	5	7			■	10
A27151150801501	SLTO 115 BASE-X	ZK 80	115	22,23	13.300	1	2	3	4	5	7			■	10
A27151151201501	SLTO 115 BASE-X	ZK 120	115	22,23	13.300	1	2	3	4	5	7			■	10
A27151250401501	SLTO 125 BASE-X	ZK 40	125	22,23	12.200	1	2	3	4	5	7			■	10
A27151250601501	SLTO 125 BASE-X	ZK 60	125	22,23	12.200	1	2	3	4	5	7			■	10
A27151250801501	SLTO 125 BASE-X	ZK 80	125	22,23	12.200	1	2	3	4	5	7			■	10
A27151780401501	SLTO 178 BASE-X	ZK 40	178	22,23	8.500	1	2	3	4	5	7			■	10
A27151780601501	SLTO 178 BASE-X	ZK 60	178	22,23	8.500	1	2	3	4	5	7			■	10
A27151780801501	SLTO 178 BASE-X	ZK 80	178	22,23	8.500	1	2	3	4	5	7			■	10
A27181000401501	SLTR 100 BASE-X	ZK 40	100	16	15.300	1	2	3	4	5	7			■	10
A27181000601501	SLTR 100 BASE-X	ZK 60	100	16	15.300	1	2	3	4	5	7			■	10
A27181000801501	SLTR 100 BASE-X	ZK 80	100	16	15.300	1	2	3	4	5	7			■	10
A27181001201501	SLTR 100 BASE-X	ZK 120	100	16	15.300	1	2	3	4	5	7			■	10
A27181150401501	SLTR 115 BASE-X	ZK 40	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181150601501	SLTR 115 BASE-X	ZK 60	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181150801501	SLTR 115 BASE-X	ZK 80	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181151001501	SLTR 115 BASE-X	ZK 100	115	22,23	13.300	1	2	3	4	5	7			■	10
A27181250401501	SLTR 125 BASE-X	ZK 40	125	22,23	12.200	1	2	3	4	5	7			■	10
A27181250601501	SLTR 125 BASE-X	ZK 60	125	22,23	12.200	1	2	3	4	5	7			■	10
A27181250801501	SLTR 125 BASE-X	ZK 80	125	22,23	12.200	1	2	3	4	5	7			■	10
A67181251201501	SLTR 125 BASE-X	ZK 120	125	22,23	12.200	1	2	3	4	5	7			■	10
A27181780401501	SLTR 178 BASE-X	ZK 40	178	22,23	8.500	1	2	3	4	5	7			■	10
A27181780601501	SLTR 178 BASE-X	ZK 60	178	22,23	8.500	1	2	3	4	5	7			■	10
A27181780801501	SLTR 178 BASE-X	ZK 80	178	22,23	8.500	1	2	3	4	5	7			■	10
A27181781201501	SLTR 178 BASE-X	ZK 120	178	22,23	8.500	1	2	3	4	5	7			■	10

Grinding, Polishing
(flexible)

SLTB – The robust one with steel backing



Ordering example: A2250115030

vmax: 80 m/s

ISO 15635

ZK = Zirconia Alum. Oxide

NK = reg. Aluminium Oxide

SLTB = dished

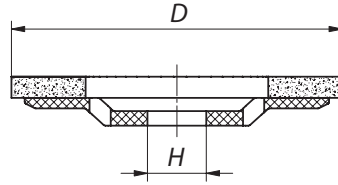


PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for								PG 6	10		
						Information on page 438											
A2250115030	SLTB 115	ZK 36	115	22,23	13.300	1	2	3	4	5	7						
A2250115040	SLTB 115	ZK 40	115	22,23	13.300	1	2	3	4	5	7						
A2250115050	SLTB 115	ZK 50	115	22,23	13.300	1	2	3	4	5	7						
A2250115060	SLTB 115	ZK 60	115	22,23	13.300	1	2	3	4	5	7						
A2250115080	SLTB 115	ZK 80	115	22,23	13.300	1	2	3	4	5	7						
A2250115120	SLTB 115	NK 120	115	22,23	13.300	1	2	3	4	5	6	7	8				
A2250125040	SLTB 125	ZK 40	125	22,23	12.200	1	2	3	4	5	7						
A2250125060	SLTB 125	ZK 60	125	22,23	12.200	1	2	3	4	5	7						
A2250125080	SLTB 125	ZK 80	125	22,23	12.200	1	2	3	4	5	7						
A2250178040	SLTB 178	ZK 40	178	22,23	8.500	1	2	3	4	5	7						
A2250178060	SLTB 178	ZK 60	178	22,23	8.500	1	2	3	4	5	7						
A2250178080	SLTB 178	ZK 80	178	22,23	8.500	1	2	3	4	5	7						

Grinding, Polishing (flexible)

SLTK, made of plastic with space for cooling



Ordering example: A27111150401623

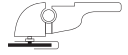
$v_{max.}$: 80 m/s

ISO 15635

ZK = Abrasive cloth with Zirconia

Alum. Oxide

SLTK = flat



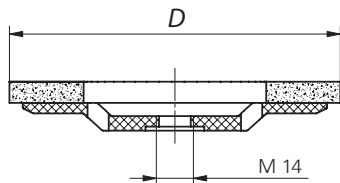
PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27111150401623	SLTK 115	ZK 40	115	22,23	13.300	1 2 3 4 5 7	■	10
A27111150601623	SLTK 115	ZK 60	115	22,23	13.300	1 2 3 4 5 7	■	10
A27111250401623	SLTK 125	ZK 40	125	22,23	12.200	1 2 3 4 5 7	■	10
A27111250601623	SLTK 125	ZK 60	125	22,23	12.200	1 2 3 4 5 7	■	10

- the plastic carrier will not leave any abrasive wear on the workpiece.
- now with integrated cooling slots

Grinding, Polishing
(flexible)

SLTK with cooling and quick-release screw thread



Ordering example: A27111150401723

v_{max.}: 80 m/s

ISO 15635

ZK = Abrasive cloth with Zirconia

Alum. Oxide

SLTK = flat



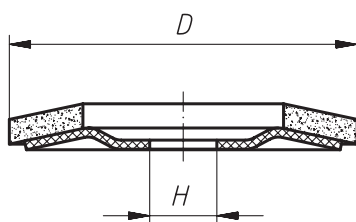
PG 6

Product number	Description	Grit	D mm	Thread	n max. (1/min)	recommended for	Information on page 438		
A27111150401723	SLTK 115	ZK 40	115	M14	13.300	1 2 3 4 5 7		■	10
A27111150601723	SLTK 115	ZK 60	115	M14	13.300	1 2 3 4 5 7		■	10
A27111250401723	SLTK 125	ZK 40	125	M14	12.200	1 2 3 4 5 7		■	10
A27111250601723	SLTK 125	ZK 60	125	M14	12.200	1 2 3 4 5 7		■	10

- the plastic carrier will not leave any abrasive wear on the workpiece
- with M14 screw thread for simple mounting onto the angle grinder
- now with integrated cooling slots

Grinding, Polishing (flexible)

The NAWAROFLEX® with the backing plate made of renewable raw materials



Ordering example: A27031150360127

v_{max.}: 80 m/s

ISO 15635

ZKS = Zirconia Alum. Oxide with special coating containing active grinding additives

SLTC = dishd

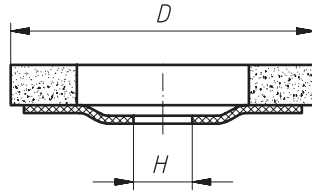


PG 6

Product number	Description	Grit	D mm	H mm	n max (1/min)	recommended for	Information on page 438		
A27031150360127	SLTC 115	ZKS 36	115	22,23	13.300	2 3 4 5 7		■	10
A27031150400127	SLTC 115	ZKS 40	115	22,23	13.300	2 3 4 5 7		■	10
A27031150500127	SLTC 115	ZKS 50	115	22,23	13.300	2 3 4 5 7		■	10
A27031150600127	SLTC 115	ZKS 60	115	22,23	13.300	2 3 4 5 7		■	10
A27031150800127	SLTC 115	ZKS 80	115	22,23	13.300	2 3 4 5 7		■	10
A27031250400127	SLTC 125	ZKS 40	125	22,23	12.200	2 3 4 5 7		■	10
A27031250600127	SLTC 125	ZKS 60	125	22,23	12.200	2 3 4 5 7		■	10
A27031250800127	SLTC 125	ZKS 80	125	22,23	12.200	2 3 4 5 7		■	10

- type with special zirconia alum. oxide material (polyester based) and a coating of active grinding additives
- ideally suited for stainless steel

The NAWAROFLEX® – to improve surface finish



Ordering example: A27131151040140

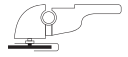
$v_{max.}$: 32 m/s

ISO 15635

SLTM = flat

A = Abrasive fleece/abrasive cloth combined Al.-Oxide

C = Abrasive fleece/abrasive cloth combined Sil.-Carbide



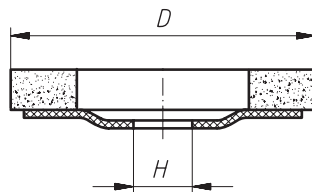
PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27131151040140	SLTM 115	A 104/80	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27131151060140	SLTM 115	A 106/150	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27131151070140	SLTM 115	A 107/240	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27131152040141	SLTM 115	C 204/80	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	10
A27131152060141	SLTM 115	C 206/150	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	10
A27131152070141	SLTM 115	C 207/240	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	10

• usable without supporting-plate on adjustable and slow-speed angle grinders

Grinding, Polishing
(flexible)

The NAWAROFLEX® – for finishing and polishing



Ordering example: A27221151040130

$v_{max.}$: 32 m/s

SLTV = flat

A = Abrasive fleece/Al.-Oxide

C = Abrasive fleece/Sil.-Carbide

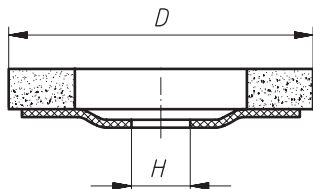
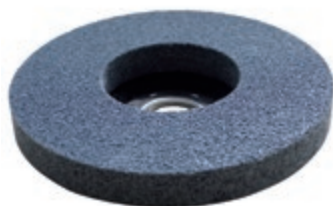


PG 6

Product number	Description	Grit	D mm	H mm	n max. (1/min)	recommended for Information on page 438		
A27221151040130	SLTV 115	A 104	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27221151060130	SLTV 115	A 106	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27221151070130	SLTV 115	A 107	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A27221152060130	SLTV 115	C 206	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	10
A27221152070130	SLTV 115	C 207	115	22,23	5.350	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	10

• usable without supporting-plate on adjustable and slow-speed angle grinders

SLTP, Polishing disc



Ordering example: A271611513

$v_{max.}$: 50 m/s

SLTP = flat



PG 6

Product number	Description	D mm	B mm	reinforced hardness	n max. (1/min)	recommended for	Information on page 438		
A271611523	SLTP 115 M	115	22,23	medium	8.350	1 2 3 4 5 6 7 8		■	5
A271611513	SLTP 115 W	115	22,23	soft	8.350	1 2 3 4 5 6 7 8		■	5

Ideal for working on stainless steel, aluminium and other non ferrous metals. With the SLTP deburring, cleaning and polishing applications could be accomplished. The fleece fibre construction avoids the clogging of this tool. The high tool life and the less edge abrasion enhance the efficiency. Usable without supporting-plate on adjustable and slow-speed angle grinders.

Range of application:

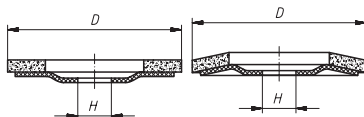
- easy deburring
- cleaning of Inox welds
- improving of surfaces

Benefits:

- cool finish on stainless steels
- rebust on edges
- very efficient

Grinding, Polishing (flexible)

Set Polishing discs P6 PT



Ordering example: A6700023

$v_{max.}$: 32 m/s

SIC = Silicon carbide



PG 4

Product number	Description	Quality	D mm	Contents	1 piece each	recommended for	Information on page 438		
A6700023	P6PT 125 (flat) Set	P6PT	125	4 -pieces	150, 240, 400, 800	1 2 3 4 5 6 7		■	1
A6700024	P6PT 125 (dished) Set	P6PT	125	4 -pieces	150, 240, 400, 800	1 2 3 4 5 6 7		■	1

Create extremely smooth surfaces – right up to mirror finish – very quickly on large surfaces.

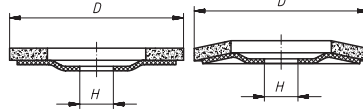
Range of application:

- polishing of different surfaces
- cleaning and derusting
- removing paint and coatings
- replaces cloth discs, felt discs and polishing pastes

Benefits:

- for standard controlled angle grinders
- clean working conditions, as no abrasive paste is required
- rapid work progress

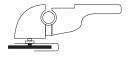
Polishing discs P6PT



Ordering example: A671612515014

vmax: 32 m/s

SIC = Silicon carbide



PG 4

Product number	Description	Quality	D mm	reinforced hardness	recommended for							Information on page 438	5
					1	2	3	4	5	6	7		
A671612515014	P6PT 125 (flat)	SC 150 MP	125	medium	1	2	3	4	5	6	7	■	5
A671612515014001	P6PT 125 (flat)	SC 150 MWP	125	medium	1	2	3	4	5	6	7	■	5
A671612524014	P6PT 125 (flat)	SC 240 MWP	125	fine	1	2	3	4	5	6	7	■	5
A671612540014	P6PT 125 (flat)	SC 400 WP	125	very fine	1	2	3	4	5	6	7	■	5
A671612580014	P6PT 125 (flat)	SC 800 WP	125	ultra fine	1	2	3	4	5	6	7	■	5
A671712515014	P6PT 125 (dished)	SC 150 MP	125	medium	1	2	3	4	5	6	7	■	5
A671712524014	P6PT 125 (dished)	SC 240 MWP	125	fine	1	2	3	4	5	6	7	■	5
A671712540014	P6PT 125 (dished)	SC 400 WP	125	very fine	1	2	3	4	5	6	7	■	5
A671712580014	P6PT 125 (dished)	SC 800 WP	125	ultra fine	1	2	3	4	5	6	7	■	5
A6717125120014	P6PT 125 (dished)	SC 1200 WP	125	ultra fine	1	2	3	4	5	6	7	■	5

Create extremely smooth surfaces – right up to mirror finish – very quickly on large surfaces.

Range of application:

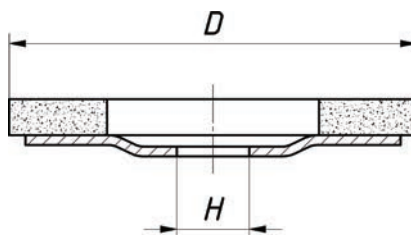
- polishing of different surfaces
- cleaning and derusting
- removing paint and coatings
- replaces cloth discs, felt discs and polishing pastes

Benefits:

- for standard controlled angle grinders
- clean working conditions, as no abrasive paste is required
- rapid work progress)

Grinding, Polishing (flexible)

Polishing discs P6PT Quality CG



Ordering example: A671611506014

vmax: 80 m/s

EKW = Aluminium oxide white



PG 4

Product number	Description	Quality	D mm	B mm	n max. (1/min)	recommended for Information on page 438													
A671611506014	P6PT 115 (flat)	EKW 60 SHP CG	115	22,23	12.200	1	2	3	4	5	6							■	5
A671611512014	P6PT 115 (flat)	EKW 120 SHP CG	115	22,23	12.200	1	2	3	4	5	6							■	5
A671612506014	P6PT 125 (flat)	EKW 60 SHP CG	125	22,23	12.200	1	2	3	4	5	6							■	5
A671612512014	P6PT 125 (flat)	EKW 120 SHP CG	125	22,23	12.200	1	2	3	4	5	6							■	5

With the new tools of the P6 Compact Grain series you can remove unevenness and scratches on workpieces and they produce a good surface at the same time. This saves time and disturbing tool changes. Thanks to the very strong PU-bond and the Compact-Grain-Technologie, you achieve an enormous tool life. P6 CG tools are ideal as preliminary stage

Ideal for

- cleaning surfaces
- removing scratches
- removing paint and underbody protection
- preparing surfaces for polishing

Characteristics:

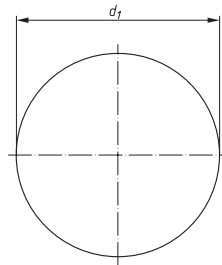
- Very hard PU-bond
- Compains contact grain (CG)

Advantages:

- Works on a wide variety of materials
- Can eliminate flaws and unevenness before polishing
- Creates good surfaces
- Enormous tool-life

Grinding, Polishing (flexible)

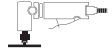
SLTG, Lamellar Flap Discs quicke-change type



Ordering example: A33310500401623

v_{max.}: 50 m/s

ZK = Zirconia Alum. Oxide



PG 8

Product number	Description	Grit	d ₁ mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438			
A33310500401623	SLTG 050 R	ZK 40	50	19.000	GTR 038.06	1 2 3 4 5 7			■ 10
A33310500601623	SLTG 050 R	ZK 60	50	19.000	GTR 038.06	1 2 3 4 5 7			■ 10
A33310500801623	SLTG 050 R	ZK 80	50	19.000	GTR 038.06	1 2 3 4 5 7			■ 10
A33310501201623	SLTG 050 R	ZK 120	50	19.000	GTR 038.06	1 2 3 4 5 7			■ 10
A33310650401623	SLTG 065 R	ZK 40	65	14.700	GTR 050.06	1 2 3 4 5 7			■ 10
A33310650601623	SLTG 065 R	ZK 60	65	14.700	GTR 050.06	1 2 3 4 5 7			■ 10
A33310650801623	SLTG 065 R	ZK 80	65	14.700	GTR 050.06	1 2 3 4 5 7			■ 10
A33310750401623	SLTG 075 R	ZK 40	75	12.700	GTR 050.06	1 2 3 4 5 7			■ 10
A33310750601623	SLTG 075 R	ZK 60	75	12.700	GTR 050.06	1 2 3 4 5 7			■ 10
A33310750801623	SLTG 075 R	ZK 80	75	12.700	GTR 050.06	1 2 3 4 5 7			■ 10
A33310751201623	SLTG 075 R	ZK 120	75	12.700	GTR 050.06	1 2 3 4 5 7			■ 10

Properties:

- excellent cutting action
- aggressive, even with minimum grinding pressure
- long tool life (compared to fibre discs)
- lamellar projection
- flexible

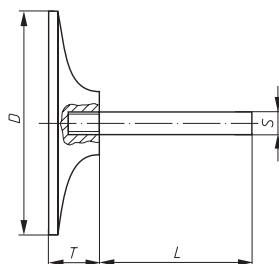
Application:

- deburring
- fettling
- rust removal
- finishing
- cleaning of weld seams

Grinding, Polishing
(flexible)

GTR, Mandrels for quick-change abrasive discs and SLTG with plastic thread

★★☆



Ordering example: A33600380026

$n_{max.}$: please also refer to flap disc SLTG, page 232

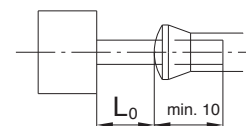


PG 8

Product number	Description	D mm	S mm	Type	n max. (1/min)	recommended for Information on page 438		
A33600380026	GTR 038.06	33	6	medium	25.000			■ 1
A33600500026	GTR 050.06	45	6	medium	25.000			■ 1
A33600750026	GTR 075.06	70	6	medium	20.000			■ 1

The mandrels are supplied with a hardness for universal application; our **medium** type is suitable for nearly all applications.

The stated maximum operating speed is calculated using the maximum mandrel diameter and maximum overhang L_0 of 5 mm. For other overhangs and smaller mandrel diameters, the maximum operating speed must be re-calculated.



Grinding, Polishing (flexible)

Material classification

1 Steels and Cast Steels

Rm up to 800 N/mm²

- common structural steels
- free cutting steels
- case hardened steels
- fine grained structural steels
- extruded steels
- toughened structural steels
- boiler plate
- nitrided steels
- cast steels
- heat treated steels
- heat resistant structural steels

2 Alloyed, Tempered Steels

Rm 800 up to 1200 N/mm²

- case hardened steels
- spring steels
- fine grained structural steels
- nitrided steels
- heat treated steels
- wear resistant steels
- bearing steels

3 Tool Steels

Rm up to 1300 N/mm²

- 60–65 HRC
- high-speed steels
- non-alloyed tool steels
- cold working tool steels
- hot working tool steels

4 Rust, acid and heat resistant Steels and Cast Steels

- austenitic
- ferritic
- ferritic-austenitic
- heat-resistant
- martensitic
- stainless, sulphurized

5 Cast Iron

6 Aluminium, Magnesium and Copper Alloys

- over 300 HB
- 200–300 HB
- up to 200 HB
- over 15% Si
- 10–15% Si
- 0,5–10% Si
- below 0,5% Si

7 Titanium and Nickel Alloys

- Rm 900 up to 1500 N/mm²
- Rm up to 900 N/mm²

8 Plastics, Wood, Rubber

9 Glass/Carbides

10 Stone/Tiles/Gas Cement

11 Concrete/Reinforced Concrete

12 Ceramic/Floor Tiles

13 Marble

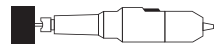
14 Granite

15 Freshly Poured Concrete

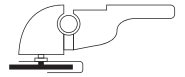
16 Asphalt

- best suitable
- suitable
- delivery ex-stock
- ▲ delivery on request

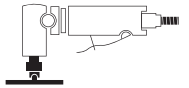
Power tools



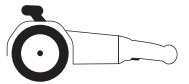
Straight grinder



Free-hand angle grinder



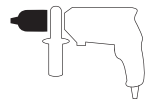
Pneumatic angle grinder



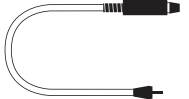
Conditioning machine



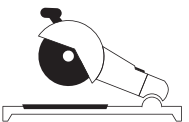
Backstand



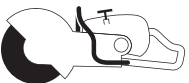
Boring machine



Flexible shaft grinder



Fixed-base cutting machine



Petrol-driven cutting machine

Product Lines

★★★ High Performance

★★☆ Industry

★☆☆ Base

Safety Symbols

(Depending on the product these symbols may vary)



Wear eye protection



Wear hearing protection



Wear a respirator



Read the instructions



Wear gloves



Only permitted with a back-up pad



Not permitted for wet grinding



Not permitted for face grinding



Do not use if damaged



Not permitted for hand-held or manually-guided grinding