

Lamellar Flap Discs

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250 NAWAROFLEX® – for finishing and polishing

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Product line marking

Product lines are labelled in the table header with the appropriate tabs. Further information on page **14** and **15**.



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.

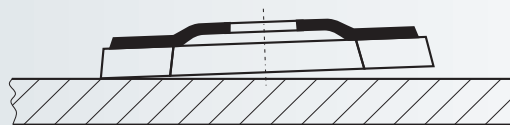
These advantages mean that they create a positive working climate and lead to fatigue-free working without impairing your health.

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.

Always the right tool

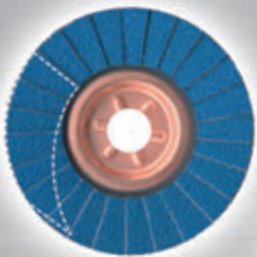


iq Series

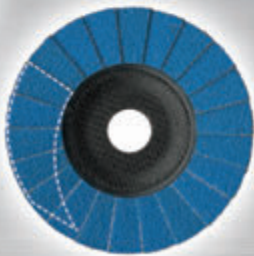
Innovative quality



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.



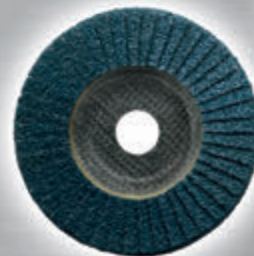
SLTT
Series



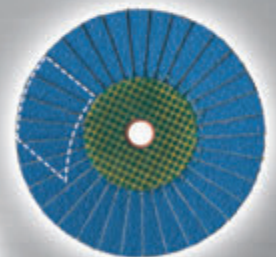
V2 Power
Series



V3 Control
Series

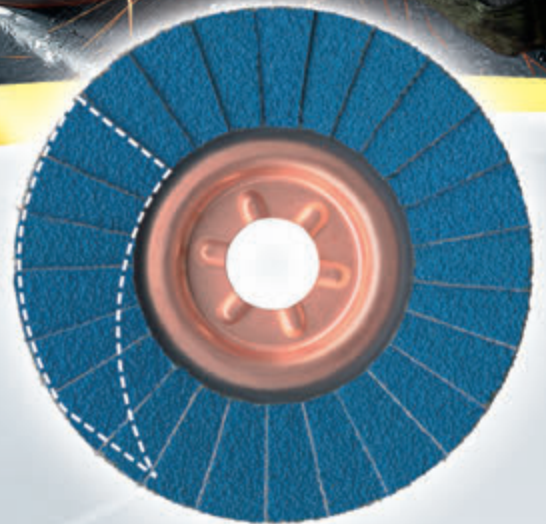


V4 Master
Series



SLTflex
Series

Always the right tool



SLTT – for highest chip removal!

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

Ideal for

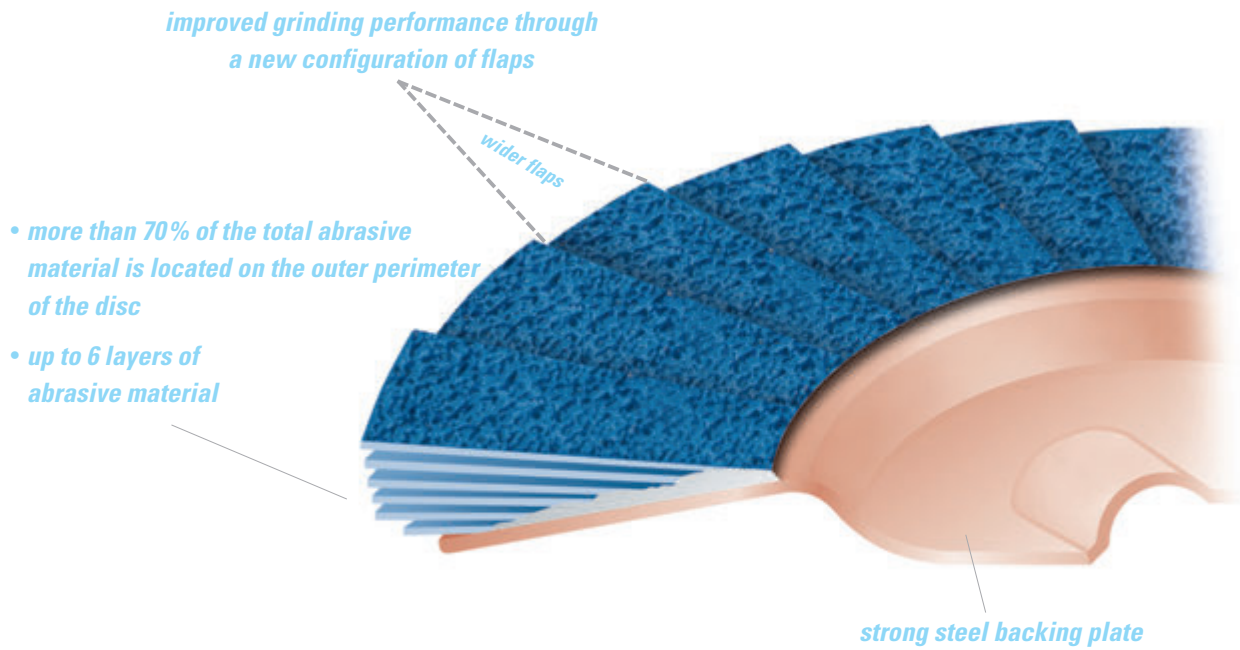
- removing weld seams
- deburring
- fettling
- fine finishing
- rust removal

SLTT
iQ Series

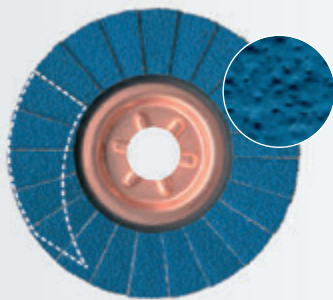
A patented new design and configuration of flaps (more grains in action)

Characteristics

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



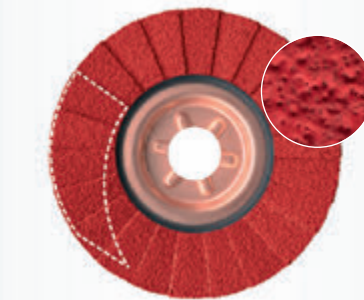
The three qualities of the iQ series:



INOX

Z-Power coated abrasive

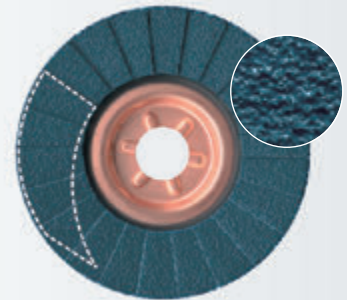
- recently developed for the machining of stainless steel
- no glazing or heating of flaps, owing to top size coating
- equally efficient for both edge and surface applications
- iron-sulphur-chlorine free



Heavy Duty

Ceramic coated abrasive

- 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



Steel

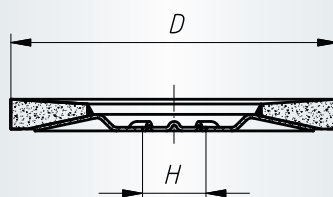
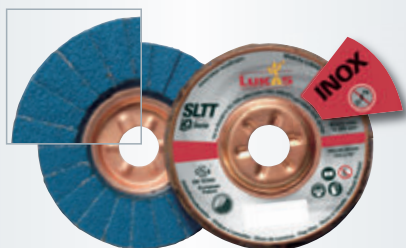
ZK coated abrasive

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

Ordering example: A27201150400045



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

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



Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
SLTT 115	Z Power 40	115	22,23	13.300	A27201150400045	① ② ③ ④	■
SLTT 115	Z Power 60	115	22,23	13.300	A27201150600045	① ② ③ ④	■
SLTT 125	Z Power 40	125	22,23	12.200	A27201250400045	① ② ③ ④	■
SLTT 125	Z Power 60	125	22,23	12.200	A27201250600045	① ② ③ ④	■
SLTT 150	Z Power 40	150	22,23	10.200	A27201500400045	① ② ③ ④	■
SLTT 178	Z Power 40	178	22,23	8.500	A27201780400045	① ② ③ ④	■
SLTT 178	Z Power 60	178	22,23	8.500	A27201780600045	① ② ③ ④	■

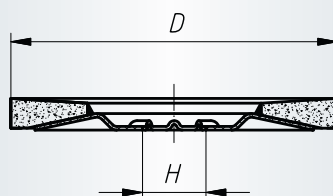
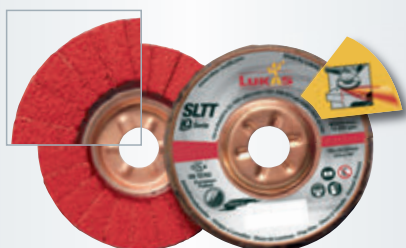
Eigenschaften:

- No glazing or heating of flaps, owing to top size coating
- equally efficient for both edge and surface applications
- iron-sulphur-chlorine free



SLTT Heavy Duty, our Turbo Flap Disc for roughest application

Ordering example: A27201150400050



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

Ceramic = Abrasive cloth ceramic grain



Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
SLTT 115	Ceramic 40	115	22,23	13.300	A27201150400050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTT 115	Ceramic 60	115	22,23	13.300	A27201150600050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTT 125	Ceramic 40	125	22,23	12.200	A27201250400050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTT 125	Ceramic 60	125	22,23	12.200	A27201250600050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTT 150	Ceramic 40	150	22,23	10.200	A27201500400050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTT 178	Ceramic 40	178	22,23	8.500	A27201780400050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTT 178	Ceramic 60	178	22,23	8.500	A27201780600050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■

Properties:

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

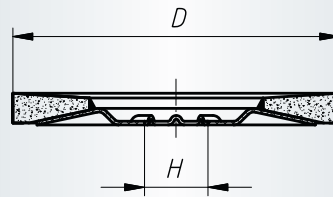
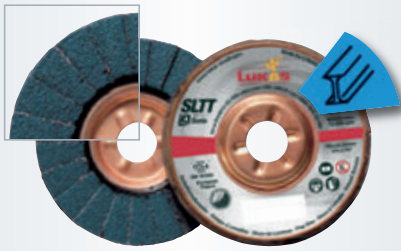




High Performance

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

Ordering example: A27201150400065



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

ZK = Abrasive cloth with Zirconia Alum. Oxide

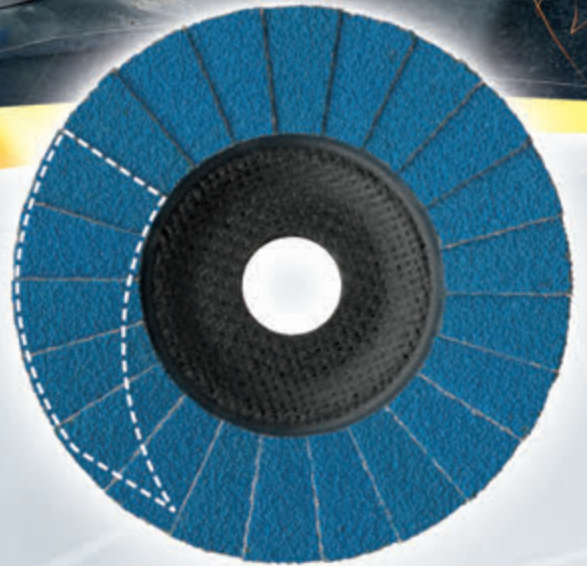


Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
SLTT 115	ZK 40	115	22,23	13.300	A27201150400065	1 2 3 4 5 6 7 8	■
SLTT 115	ZK 60	115	22,23	13.300	A27201150600065	1 2 3 4 5 6 7 8	■
SLTT 125	ZK 40	125	22,23	12.200	A27201250400065	1 2 3 4 5 6 7 8	■
SLTT 125	ZK 60	125	22,23	12.200	A27201250600065	1 2 3 4 5 6 7 8	■
SLTT 150	ZK 40	150	22,23	10.200	A27201500400065	1 2 3 4 5 6 7 8	■
SLTT 150	ZK 60	150	22,23	10.200	A27201500600065	1 2 3 4 5 6 7 8	■
SLTT 178	ZK 40	178	22,23	8.500	A27201780400065	1 2 3 4 5 6 7 8	■
SLTT 178	ZK 60	178	22,23	8.500	A27201780600065	1 2 3 4 5 6 7 8	■

Properties:

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

Always the right tool



V2 Power – for general purpose!

Feel the efficiency compared to conventional lamellar flap discs.

Ideal for

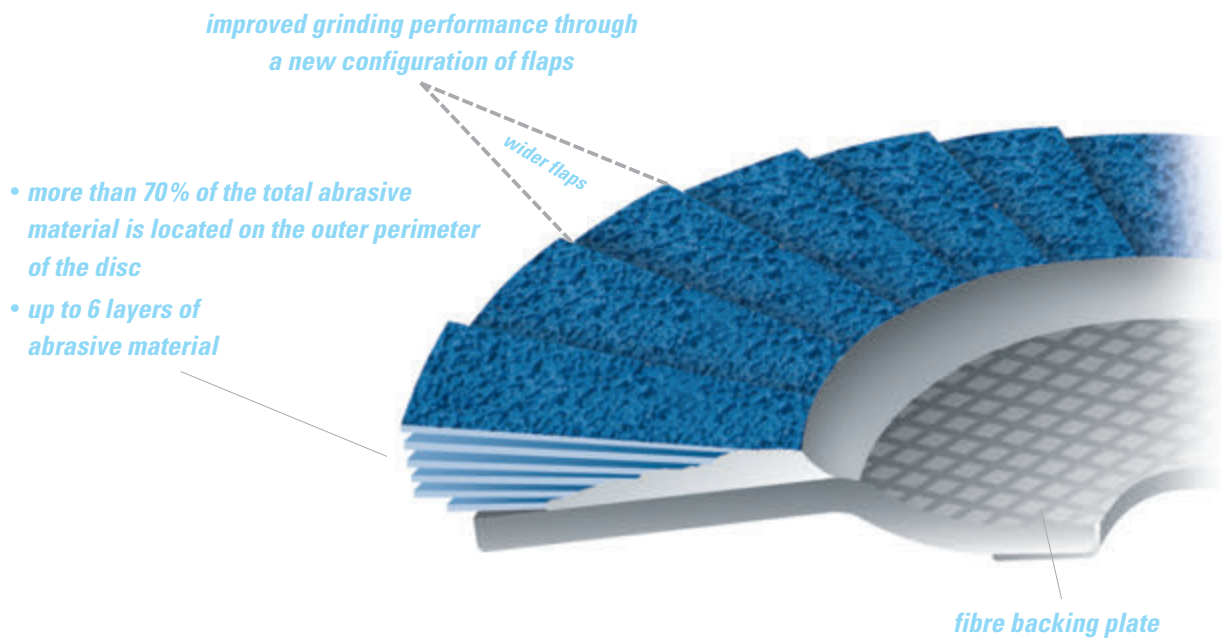
- removing weld seams
- deburring
- fettling
- fine finishing
- rust removal

V2 Power
i@ Series

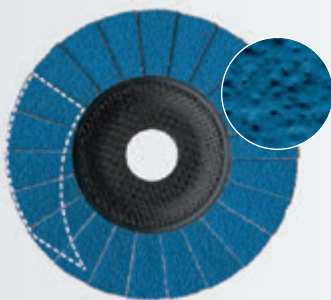
**A patented new design and
configuration of flaps (more grains in action)**

Characteristics

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



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



INOX

Z-Power coated abrasive

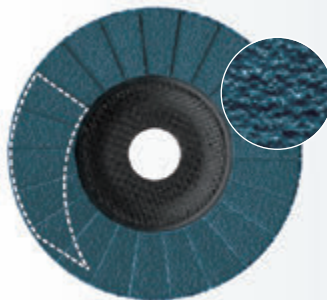
- recently developed for the machining of stainless steel
- no glazing or heating of flaps, owing to top size coating
- equally efficient for both edge and surface applications
- iron-sulphur-chlorine free



Heavy Duty

Ceramic coated abrasive

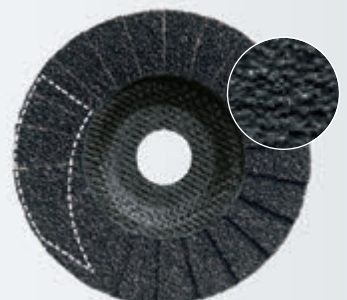
- recently developed for the most demanding and severe applications
- particularly robust for edge grinding, on heat treated steels, surface scale or coated surfaces
- iron-sulphur-chlorine free



Steel

ZK coated abrasive

- 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



ALU

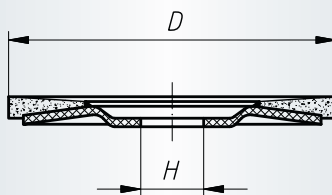
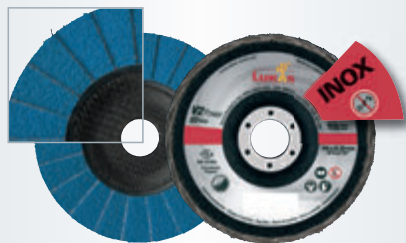
SIC – coated abrasive

- specially suited for weld preparation and finishing of aluminium
- also ideal for fibre reinforced materials such as CRP and GRP



V2 Power INOX to work on stainless steel

Ordering example: A27441150401445



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

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



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

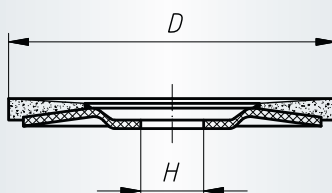
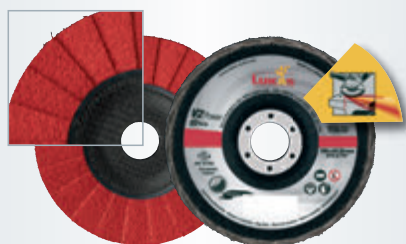
Properties:

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



V2 Power Heavy Duty for roughest application

Ordering example: A27441150401450



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

Ceramic = ceramic grain



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

Properties:

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

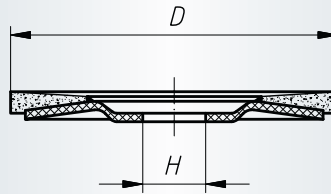
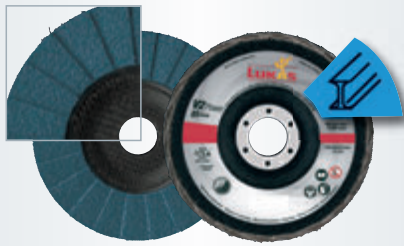




High Performance

V2 Power Steel for universal application on steel and aluminium

Ordering example: A27441000401465



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

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



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

Properties:

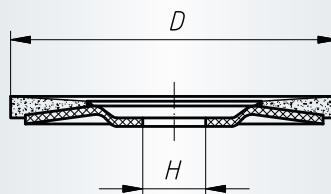
- tough grain with a high degree of resistance to pressure



High Performance

V2 POWER ALU

Ordering example: A27441150401434



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

SIC = Silicon carbide

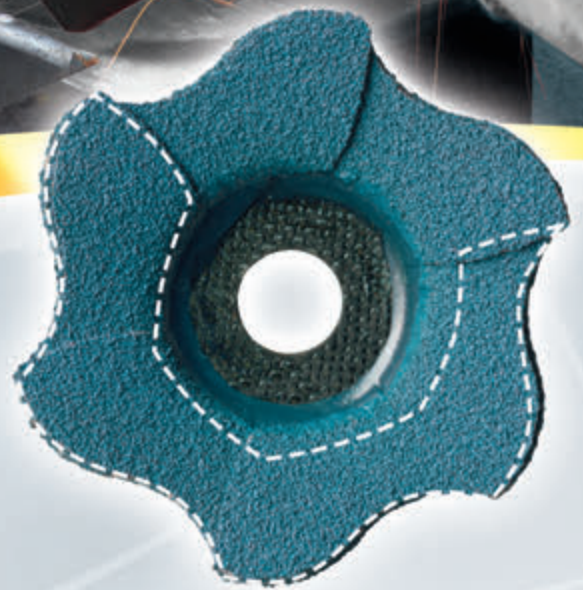


Description	Grits	D mm	H mm	n max. (1/min)	Product-Number	recommended for	
V2 POWER 115	SIC 36	115	22,23	13.300	A27441150361434	6 7 8	■
V2 POWER 115	SIC 40	115	22,23	13.300	A27441150401434	6 7 8	■
V2 POWER 125	SIC 36	125	22,23	12.200	A27441250361434	6 7 8	■
V2 POWER 125	SIC 40	125	22,23	12.200	A27441250401434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

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

Always the right tool



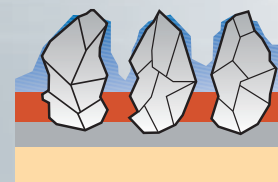
V3 Control – see what we can do!

The V3 Control allows complete control during application.

Ideal for:

- finishing
- fettling
- weld seam finishing
- rust removal

V3Control
i@Series



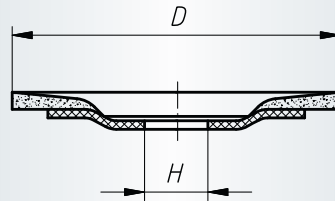
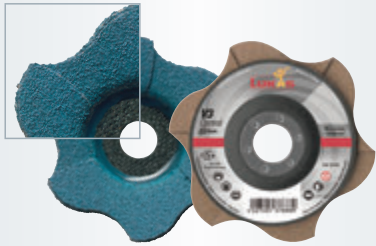
*Using a high quality coated abrasive
(zirconia with a coating of active grinding additives)*



High Performance

V3 Control – see what needs to be done

Ordering example: A27451150401411



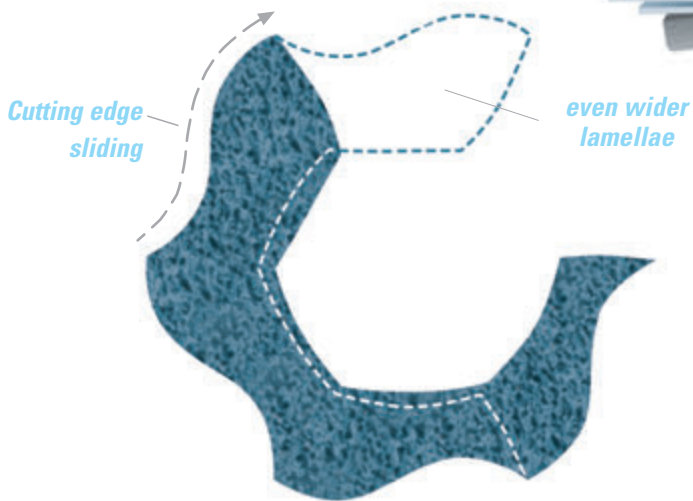
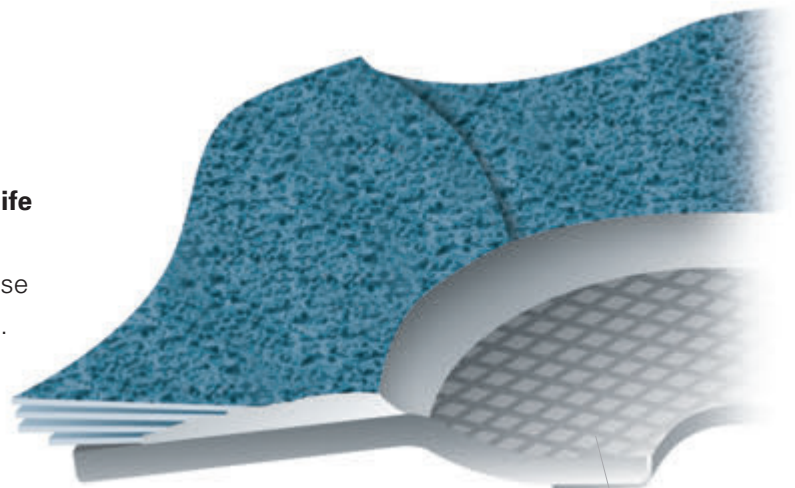
Packing unit:
10 pcs. per type
 v_{max} : 80 m/s
ZK = Zirconia Alum. Oxide

IQ Series

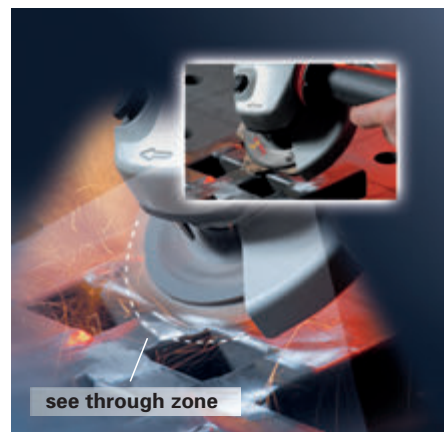
Description	Grits	D mm	H mm	n max. (1/min)	Product-Number	recommended for	
V3 CONTROL 115	ZK 40	115	22,23	13.300	A27451150401411	1 2 3 4 5 6 7	■
V3 CONTROL 115	ZK 60	115	22,23	13.300	A27451150601411	1 2 3 4 5 6 7	■
V3 CONTROL 115	ZK 80	115	22,23	13.300	A27451150801411	1 2 3 4 5 6 7	■
V3 CONTROL 125	ZK 40	125	22,23	12.200	A27451250401411	1 2 3 4 5 6 7	■
V3 CONTROL 125	ZK 60	125	22,23	12.200	A27451250601411	1 2 3 4 5 6 7	■
V3 CONTROL 125	ZK 80	125	22,23	12.200	A27451250801411	1 2 3 4 5 6 7	■

Best stock removal rates and long tool life

As a result of further development of this outstanding product type, an even better use of the abrasive material has been achieved.



fibre backing plate



see through zone

Safe application without snagging

The curved geometry of the lamellae prevents snagging of the tool on the workpiece.

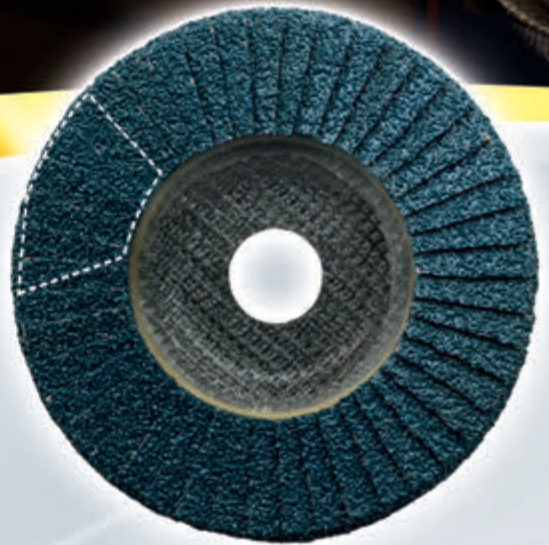
See what we can do! 6 laser cut abrasive flaps for exceptional stock removal.



Always the right tool



**New: Innovation –
for rounding off!**



V4 Master – extremely aggressive and durable due to patented design and configuration of flaps

Areas of application

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

V4 Master
i@ Series

Customized for your industry:

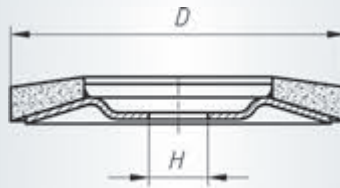
- Steel and tank construction
- Shipyards and offshore
- Machine and plant engineering



High Performance

V4 Master – Master of its class

Ordering example: A27471150401465



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

ZK = Abrasive cloth with Zirconia Alum. Oxide

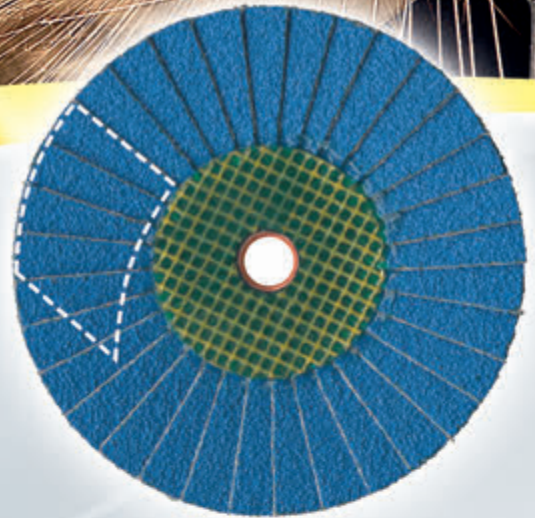
IQ Series

Description	Grit	D mm	Thread	n max (1/min)	Product-Number	recommended for										
V4 MASTER 115	ZK 40	115	22,23	13.300	A27471150401465	1	2	3	4	6	7				■	NEW
V4 MASTER 115	ZK 60	115	22,23	13.300	A27471150601465	1	2	3	4	6	7				■	NEW
V4 MASTER 125	ZK 40	125	22,23	12.200	A27471250401465	1	2	3	4	6	7				■	NEW
V4 MASTER 125	ZK 60	125	22,23	12.200	A27471250601465	1	2	3	4	6	7				■	NEW
V4 MASTER 178	ZK 40	178	22,23	8.500	A27471780401465	1	2	3	4	6	7				■	NEW

Characteristics:

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

Always the right tool



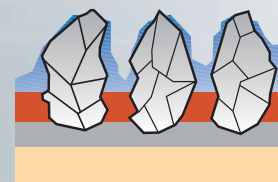
SLTflex – for the awkward areas!

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

Ideal for:

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

SLTflex
iQ Series



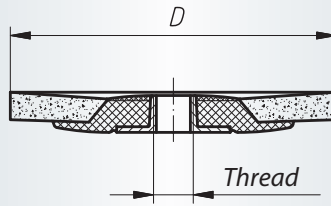
*Using a high quality coated abrasive
(zirconia with a coating of active grinding additives)*



High Performance

SLTfex – for radii and fillet weldings

Ordering example: A272910004018



Packing unit:
10 pcs. per type

v_{max} : 80 m/s

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

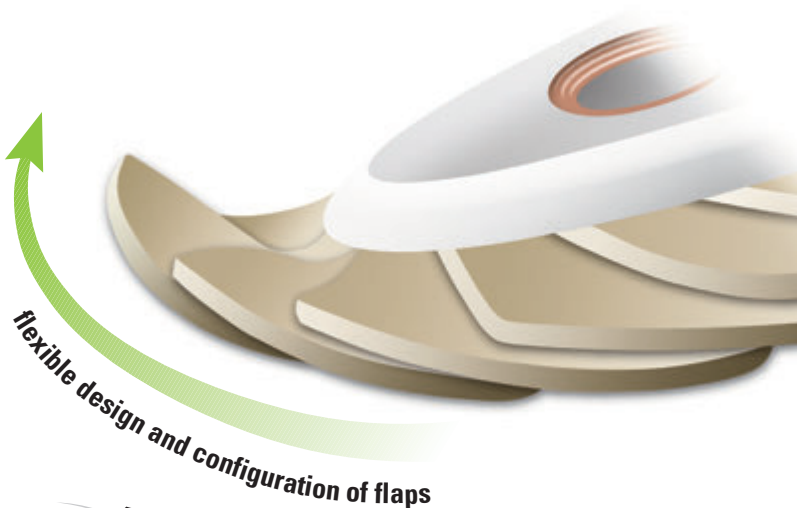
ZK = Zirconia Alum. Oxide

IQ Series

Description	Grits	D mm	Thread	n max (1/min)	Product-Number	recommended for	
SLTFLEX 100	ZKS 40	100	M10	15.300	A272910004018	1 2 3 4 5 6 7	■
SLTFLEX 100	ZKS 60	100	M10	15.300	A272910006018	1 2 3 4 5 6 7	■
SLTFLEX 100	ZKS 80	100	M10	15.300	A272910008018	1 2 3 4 5 6 7	■
SLTFLEX 115	ZKS 40	115	M14	13.300	A272711504018	1 2 3 4 5 6 7	■
SLTFLEX 115	ZKS 40	115	5/8"	13.300	A272811504018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 115	ZKS 60	115	M14	13.300	A272711506018	1 2 3 4 5 6 7	■
SLTFLEX 115	ZKS 60	115	5/8"	13.300	A272811506018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 115	ZK 80	115	M14	13.300	A272711508016	1 2 3 4 5 6 7	■
SLTFLEX 115	ZK 80	115	5/8"	13.300	A272811508018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 115	ZK 120	115	M14	13.300	A272711512016	1 2 3 4 5 6 7	■
SLTFLEX 115	ZK 120	115	5/8"	13.300	A272811512018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 125	ZKS 40	125	M14	12.200	A272712504018	1 2 3 4 5 6 7	■
SLTFLEX 125	ZKS 40	125	5/8"	12.200	A272812504018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 125	ZKS 60	125	M14	12.200	A272712506018	1 2 3 4 5 6 7	■
SLTFLEX 125	ZKS 60	125	5/8"	12.200	A272812506018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 125	ZK 80	125	M14	12.200	A272712508016	1 2 3 4 5 6 7	■
SLTFLEX 125	ZK 80	125	5/8"	12.200	A272812508018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 125	ZK 120	125	M14	12.200	A272712512016	1 2 3 4 5 6 7	■
SLTFLEX 125	ZK 120	125	5/8"	12.200	A272812512018	1 2 3 4 5 6 7	■ NEW
SLTFLEX 178	ZKS 40	178	M14	8.500	A272917804018	1 2 3 4 5 6 7	■
SLTFLEX 178	ZKS 60	178	M14	8.500	A272917806018	1 2 3 4 5 6 7	■
SLTFLEX 178	ZKS 80	178	M14	8.500	A272917808018	1 2 3 4 5 6 7	■

Properties:

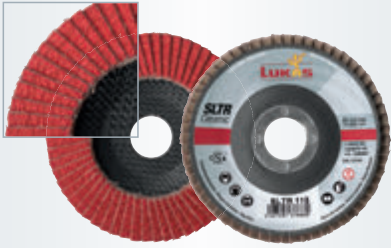
- high flexibility due to elongated flaps (no disturbing backing plate)
- simple tool change (backing plate / pad and mounting nut no longer required)
- extreme tool life

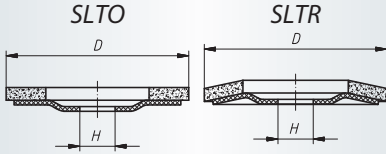




SLTO/SLTR, the powerful performer with the glass-fibre backing plate

Ordering example: A27231150401428






Packing unit:
10 pcs. per type
 v_{max} : 80 m/s
ISO 15635
Ceramic = ceramic grain
SLTO = flat
SLTR = dished

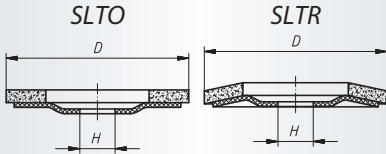
Description	Grits	D mm	H mm	n max. (1/min)	Product-Number	recommended for	
SLTO 115	Ceramic 40	115	22,23	13.300	A27251150401428	1 2 3 4 5 6 7 8	■
SLTO 125	Ceramic 40	125	22,23	12.200	A27251250401428	1 2 3 4 5 6 7 8	■
SLTO 125	Ceramic 60	125	22,23	12.200	A27251250601428	1 2 3 4 5 6 7 8	■
SLTO 125	Ceramic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



SLTO/SLTR, reinforced fibre backing

Ordering example: A27151000401423





Packing unit:
10 pcs. per type
 v_{max} : 80 m/s
ISO 15635
ZK = Zirconia Alum. Oxide
NK = reg. Aluminium Oxide
SLTO = flat
SLTR = dished

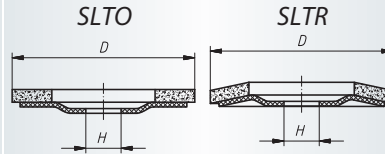
Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
SLTO 100	ZK 40	100	16	15.300	A27151000401423	1 2 3 4 5 7	■
SLTO 100	ZK 60	100	16	15.300	A27151000601423	1 2 3 4 5 7	■
SLTO 100	ZK 80	100	16	15.300	A27151000801423	1 2 3 4 5 7	■
SLTO 115	NK 40	115	22,23	13.300	A27151150401400	1 2 3 4 5 6 7 8	■
SLTO 115	NK 60	115	22,23	13.300	A27151150601400	1 2 3 4 5 6 7 8	■
SLTO 115	NK 80	115	22,23	13.300	A27151150801400	1 2 3 4 5 6 7 8	■
SLTO 115	NK 120	115	22,23	13.300	A27151151201400	1 2 3 4 5 6 7 8	■
SLTO 115	ZK 36	115	22,23	13.300	A27151150361406	1 2 3 4 5 7	■
SLTO 115	ZK 40	115	22,23	13.300	A27151150401406	1 2 3 4 5 7	■
SLTO 115	ZK 50	115	22,23	13.300	A27151150501406	1 2 3 4 5 7	■
SLTO 115	ZK 60	115	22,23	13.300	A27151150601406	1 2 3 4 5 7	■
SLTO 115	ZK 80	115	22,23	13.300	A27151150801406	1 2 3 4 5 7	■
SLTO 115	ZK 120	115	22,23	13.300	A27151151201406	1 2 3 4 5 7	■



Industry

SLTO/SLTR, reinforced fibre backing

Ordering example: A27151250401400



Packing unit:

10 pcs. per type

v_{max}: 80 m/s

ISO 15635

ZK = Zirconia Alum. Oxide

NK = reg. Aluminium Oxide

SLTO = flat

SLTR = dished

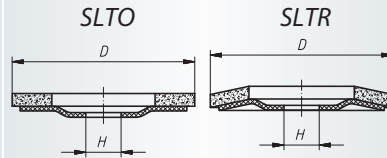
Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
SLTO 125	NK 40	125	22,23	12.200	A27151250401400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTO 125	NK 50	125	22,23	12.200	A27151250501400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTO 125	ZK 40	125	22,23	12.200	A27151250401406	① ② ③ ④ ⑤ ⑦	■
SLTO 125	ZK 50	125	22,23	12.200	A27151250501406	① ② ③ ④ ⑤ ⑦	■
SLTO 125	ZK 60	125	22,23	12.200	A27151250601406	① ② ③ ④ ⑤ ⑦	■
SLTO 125	ZK 80	125	22,23	12.200	A27151250801406	① ② ③ ④ ⑤ ⑦	■
SLTO 178	NK 60	178	22,23	8.500	A27151780601400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTO 178	ZK 36	178	22,23	8.500	A27151780361401	① ② ③ ④ ⑤ ⑦	■
SLTO 178	ZK 40	178	22,23	8.500	A27151780401401	① ② ③ ④ ⑤ ⑦	■
SLTO 178	ZK 60	178	22,23	8.500	A27151780601401	① ② ③ ④ ⑤ ⑦	■
SLTO 178	ZK 80	178	22,23	8.500	A27151780801401	① ② ③ ④ ⑤ ⑦	■
SLTO 178	ZK 120	178	22,23	8.500	A27151781201401	① ② ③ ④ ⑤ ⑦	■
SLTR 100	ZK 40	100	16	15.300	A27181000401423	① ② ③ ④ ⑤ ⑦	■
SLTR 100	ZK 60	100	16	15.300	A27181000601423	① ② ③ ④ ⑤ ⑦	■
SLTR 100	ZK 80	100	16	15.300	A27181000801423	① ② ③ ④ ⑤ ⑦	■
SLTR 115	NK 36	115	22,23	13.300	A27181150361400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 115	NK 40	115	22,23	13.300	A27181150401400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 115	NK 60	115	22,23	13.300	A27181150601400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 115	NK 80	115	22,23	13.300	A27181150801400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 115	NK 120	115	22,23	13.300	A27181151201400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 115	ZK 36	115	22,23	13.300	A27181150361406	① ② ③ ④ ⑤ ⑦	■
SLTR 115	ZK 40	115	22,23	13.300	A27181150401406	① ② ③ ④ ⑤ ⑦	■
SLTR 115	ZK 50	115	22,23	13.300	A27181150501406	① ② ③ ④ ⑤ ⑦	■
SLTR 115	ZK 60	115	22,23	13.300	A27181150601406	① ② ③ ④ ⑤ ⑦	■
SLTR 115	ZK 80	115	22,23	13.300	A27181150801406	① ② ③ ④ ⑤ ⑦	■
SLTR 115	ZK 120	115	22,23	13.300	A27181151201406	① ② ③ ④ ⑤ ⑦	■
SLTR 125	NK 40	125	22,23	12.200	A27181250401400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 125	NK 60	125	22,23	12.200	A27181250601400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 125	NK 80	125	22,23	12.200	A27181250801400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 125	NK 120	125	22,23	12.200	A27181251201400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 125	ZK 36	125	22,23	12.200	A27181250361406	① ② ③ ④ ⑤ ⑦	■
SLTR 125	ZK 40	125	22,23	12.200	A27181250401406	① ② ③ ④ ⑤ ⑦	■
SLTR 125	ZK 60	125	22,23	12.200	A27181250601406	① ② ③ ④ ⑤ ⑦	■
SLTR 125	ZK 80	125	22,23	12.200	A27181250801406	① ② ③ ④ ⑤ ⑦	■
SLTR 125	ZK 120	125	22,23	12.200	A27181251201406	① ② ③ ④ ⑤ ⑦	■
SLTR 150	ZK 40	150	22,23	10.200	A27181500401416	① ② ③ ④ ⑤ ⑦	■
SLTR 150	ZK 60	150	22,23	10.200	A27181500601416	① ② ③ ④ ⑤ ⑦	■
SLTR 150	ZK 80	150	22,23	10.200	A27181500801416	① ② ③ ④ ⑤ ⑦	■
SLTR 178	NK 40	178	22,23	8.500	A27181780401400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTR 178	NK 60	178	22,23	8.500	A27181780601400	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■





SLTO/SLTR, reinforced fibre backing

Ordering example: A27181780801400



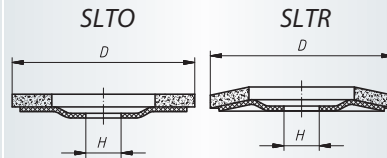
Packing unit:
10 pcs. per type
 v_{max} : 80 m/s
ISO 15635
ZK = Zirconia Alum. Oxide
NK = reg. Aluminium Oxide
SLTO = flat
SLTR = dished

Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
SLTR 178	NK 80	178	22,23	8.500	A27181780801400	1 2 3 4 5 6 7 8	■
SLTR 178	ZK 36	178	22,23	8.500	A27181780361401	1 2 3 4 5 7	■
SLTR 178	ZK 40	178	22,23	8.500	A27181780401401	1 2 3 4 5 7	■
SLTR 178	ZK 60	178	22,23	8.500	A27181780601401	1 2 3 4 5 7	■
SLTR 178	ZK 80	178	22,23	8.500	A27181780801401	1 2 3 4 5 7	■
SLTR 178	ZK 120	178	22,23	8.500	A27181781201401	1 2 3 4 5 7	■



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

Ordering example: A27151000401501



Packing unit:
10 pcs. per type
 v_{max} : 80 m/s
ISO 15635
ZK = Zirconia Alum. Oxide
SLTO = flat
SLTR = dished

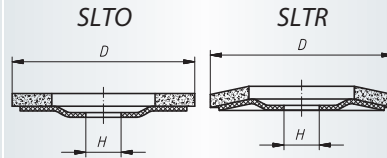
Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
NEW SLTO 100 BASE-X	ZK 40	100	16	15.300	A27151000401501	1 2 3 4 5 7	■
NEW SLTO 100 BASE-X	ZK 60	100	16	15.300	A27151000601501	1 2 3 4 5 7	■
NEW SLTO 100 BASE-X	ZK 80	100	16	15.300	A27151000801501	1 2 3 4 5 7	■
NEW SLTO 100 BASE-X	ZK 120	100	16	15.300	A27151001201501	1 2 3 4 5 7	■
SLTO 115 BASE-X	ZK 40	115	22,23	13.300	A27151150401501	1 2 3 4 5 7	■
SLTO 115 BASE-X	ZK 60	115	22,23	13.300	A27151150601501	1 2 3 4 5 7	■
SLTO 115 BASE-X	ZK 80	115	22,23	13.300	A27151150801501	1 2 3 4 5 7	■
NEW SLTO 115 BASE-X	ZK 120	115	22,23	13.300	A27151151201501	1 2 3 4 5 7	■
SLTO 125 BASE-X	ZK 40	125	22,23	12.200	A27151250401501	1 2 3 4 5 7	■
SLTO 125 BASE-X	ZK 60	125	22,23	12.200	A27151250601501	1 2 3 4 5 7	■
SLTO 125 BASE-X	ZK 80	125	22,23	12.200	A27151250801501	1 2 3 4 5 7	■
NEW SLTO 178 BASE-X	ZK 40	178	22,23	8.500	A27151780401501	1 2 3 4 5 7	■
NEW SLTO 178 BASE-X	ZK 60	178	22,23	8.500	A27151780601501	1 2 3 4 5 7	■
NEW SLTO 178 BASE-X	ZK 80	178	22,23	8.500	A27151780801501	1 2 3 4 5 7	■
NEW SLTR 100 BASE-X	ZK 40	100	16	15.300	A27181000401501	1 2 3 4 5 7	■
NEW SLTR 100 BASE-X	ZK 60	100	16	15.300	A27181000601501	1 2 3 4 5 7	■
NEW SLTR 100 BASE-X	ZK 80	100	16	15.300	A27181000801501	1 2 3 4 5 7	■



Base

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

Ordering example: A27181001201501



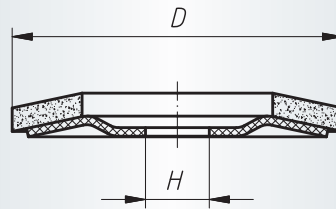
Packing unit:
 10 pcs. per type
 v_{max} : 80 m/s
 ISO 15635
 ZK = Zirconia Alum. Oxide
 SLTO = flat
 SLTR = dished

Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for													
SLTR 100 BASE-X	ZK 120	100	16	15.300	A27181001201501	1	2	3	4	5	7							■	NEW
SLTR 115 BASE-X	ZK 40	115	22,23	13.300	A27181150401501	1	2	3	4	5	7							■	
SLTR 115 BASE-X	ZK 60	115	22,23	13.300	A27181150601501	1	2	3	4	5	7							■	
SLTR 115 BASE-X	ZK 80	115	22,23	13.300	A27181150801501	1	2	3	4	5	7							■	
SLTR 115 BASE-X	ZK 100	115	22,23	13.300	A27181151001501	1	2	3	4	5	7							■	NEW
SLTR 125 BASE-X	ZK 40	125	22,23	12.200	A27181250401501	1	2	3	4	5	7							■	
SLTR 125 BASE-X	ZK 60	125	22,23	12.200	A27181250601501	1	2	3	4	5	7							■	
SLTR 125 BASE-X	ZK 80	125	22,23	12.200	A27181250801501	1	2	3	4	5	7							■	
SLTR 178 BASE-X	ZK 40	178	22,23	8.500	A27181780401501	1	2	3	4	5	7							■	NEW
SLTR 178 BASE-X	ZK 60	178	22,23	8.500	A27181780601501	1	2	3	4	5	7							■	NEW
SLTR 178 BASE-X	ZK 80	178	22,23	8.500	A27181780801501	1	2	3	4	5	7							■	NEW
SLTR 178 BASE-X	ZK 120	178	22,23	8.500	A27181781201501	1	2	3	4	5	7							■	NEW



The SLTZ, with special active grinding additives

Ordering example: A27261150401418



Packing unit:

10 pcs. per type

v_{max} : 80 m/s

ISO 15635

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

SLTZ = dished

Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for	
SLTZ 115	ZKS 40	115	22,23	13.300	A27261150401418	2 3 4 5 7	■
SLTZ 115	ZKS 60	115	22,23	13.300	A27261150601418	2 3 4 5 7	■
SLTZ 115	ZKS 80	115	22,23	13.300	A27261150801418	2 3 4 5 7	■
SLTZ 125	ZKS 40	125	22,23	12.200	A27261250401418	2 3 4 5 7	■
SLTZ 125	ZKS 60	125	22,23	12.200	A27261250601418	2 3 4 5 7	■
SLTZ 125	ZKS 80	125	22,23	12.200	A27261250801418	2 3 4 5 7	■

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

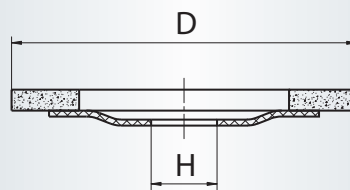
Characteristics:

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



The SLTS, with flexible flaps

Ordering example: A27391150401423



Packing unit:

10 pcs. per type

v_{max} : 80 m/s

ZK = Zirconia Alum. Oxide

SLTS = flat

Description	Grits	D mm	H mm	n max. (1/min)	Product-Number	recommended for	
SLTS 115	ZK 40	115	22,23	13.300	A27391150401423	1 2 3 4 5 7	■
SLTS 115	ZK 60	115	22,23	13.300	A27391150601423	1 2 3 4 5 7	■
SLTS 115	ZK 80	115	22,23	13.300	A27391150801423	1 2 3 4 5 7	■
SLTS 125	ZK 40	125	22,23	12.200	A27391250401423	1 2 3 4 5 7	■
SLTS 125	ZK 60	125	22,23	12.200	A27391250601423	1 2 3 4 5 7	■
SLTS 125	ZK 80	125	22,23	12.200	A27391250801423	1 2 3 4 5 7	■

Due to the flexible flap configuration, the SLTS has a universal application particularly where a "soft" grinding action is required to avoid damage to the

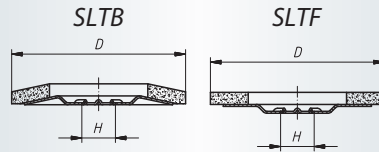
workpiece. The SLTS is used on similar applications which require a fibre discs; in addition, it is ideally suited to grind radii or corners.



Industry

The robust, with steel backing

Ordering example: A2250115120



Packing unit:

10 pcs. per type

v_{max} : 80 m/s

ISO 15635

ZK = Zirconia Alum. Oxide

NK = reg. Aluminium Oxide

SLTF = flat

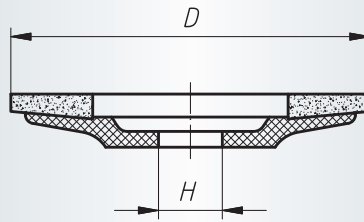
SLTB = dished

Description	Grits	D mm	H mm	n max (1/min)	Product-Number	recommended for													
SLTB 115	ZK 36	115	22,23	13.300	A2250115030	1	2	3	4	5		7							■
SLTB 115	ZK 40	115	22,23	13.300	A2250115040	1	2	3	4	5		7						■	
SLTB 115	ZK 50	115	22,23	13.300	A2250115050	1	2	3	4	5		7					■		
SLTB 115	ZK 60	115	22,23	13.300	A2250115060	1	2	3	4	5		7					■		
SLTB 115	ZK 80	115	22,23	13.300	A2250115080	1	2	3	4	5		7					■		
SLTB 115	NK 120	115	22,23	13.300	A2250115120	1	2	3	4	5	6	7	8				■		
SLTB 125	ZK 40	125	22,23	12.200	A2250125040	1	2	3	4	5		7					■		
SLTB 125	ZK 60	125	22,23	12.200	A2250125060	1	2	3	4	5		7					■		
SLTB 125	ZK 80	125	22,23	12.200	A2250125080	1	2	3	4	5		7					■		
SLTB 178	ZK 40	178	22,23	8.500	A2250178040	1	2	3	4	5		7					■		
SLTB 178	ZK 60	178	22,23	8.500	A2250178060	1	2	3	4	5		7					■		
SLTB 178	ZK 80	178	22,23	8.500	A2250178080	1	2	3	4	5		7					■		
SLTF 115	ZK 40	115	22,23	13.300	A2251115040	1	2	3	4	5		7					■		
SLTF 115	ZK 60	115	22,23	13.300	A2251115060	1	2	3	4	5		7					■		
SLTF 115	ZK 80	115	22,23	13.300	A2251115080	1	2	3	4	5		7					■		
SLTF 115	NK 120	115	22,23	13.300	A2251115120	1	2	3	4	5	6	7	8				■		
SLTF 125	ZK 40	125	22,23	12.200	A2251125040	1	2	3	4	5		7					■		
SLTF 125	ZK 60	125	22,23	12.200	A2251125060	1	2	3	4	5		7					■		
SLTF 125	ZK 80	125	22,23	12.200	A2251125080	1	2	3	4	5		7					■		
SLTF 178	ZK 40	178	22,23	8.500	A2251178040	1	2	3	4	5		7					■		
SLTF 178	ZK 60	178	22,23	8.500	A2251178060	1	2	3	4	5		7					■		



The SLTK, with plastic backing

Ordering example: A27111150401623



Packing unit:

10 pcs. per type

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

ISO 15635

ZK = Zirconia Alum. Oxide

SLTK = flat

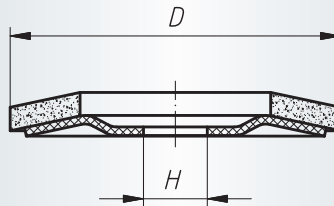
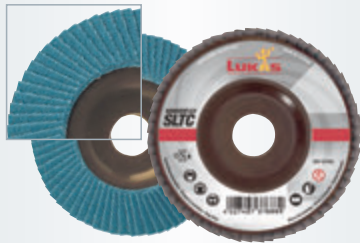
Description	Grits	D mm	H mm	n_{max} (1/min)	Product-Number	recommended for									
SLTK 115	ZK 40	115	22,23	13.300	A27111150401623	1	2	3	4	5	7				■
SLTK 115	ZK 60	115	22,23	13.300	A27111150601623	1	2	3	4	5	7				■
SLTK 115	ZK 80	115	22,23	13.300	A27111150801623	1	2	3	4	5	7				■
SLTK 115	ZK 120	115	22,23	13.300	A27111151201623	1	2	3	4	5	7				■
SLTK 125	ZK 40	125	22,23	12.200	A27111250401623	1	2	3	4	5	7				■
SLTK 125	ZK 60	125	22,23	12.200	A27111250601623	1	2	3	4	5	7				■
SLTK 125	ZK 80	125	22,23	12.200	A27111250801623	1	2	3	4	5	7				■
SLTK 178	ZK 40	178	22,23	8.500	A27111780401623	1	2	3	4	5	7				■
SLTK 178	ZK 60	178	22,23	8.500	A27111780601623	1	2	3	4	5	7				■



High Performance

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

Ordering example: A27031150360127



Packing unit:

10 pcs. per type

v_{max} : 80 m/s

ISO 15635

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

SLTC = dished

Description	Grits	D mm	H mm	n max. (1/min)	Product-Number	recommended for	
SLTC 115	ZKS 36	115	22,23	13.300	A27031150360127	2 3 4 5 7	■
SLTC 115	ZKS 40	115	22,23	13.300	A27031150400127	2 3 4 5 7	■
SLTC 115	ZKS 50	115	22,23	13.300	A27031150500127	2 3 4 5 7	■
SLTC 115	ZKS 60	115	22,23	13.300	A27031150600127	2 3 4 5 7	■
SLTC 115	ZKS 80	115	22,23	13.300	A27031150800127	2 3 4 5 7	■
SLTC 125	ZKS 40	125	22,23	12.200	A27031250400127	2 3 4 5 7	■
SLTC 125	ZKS 60	125	22,23	12.200	A27031250600127	2 3 4 5 7	■
SLTC 125	ZKS 80	125	22,23	12.200	A27031250800127	2 3 4 5 7	■

Type with special zirconia alum. oxide material (polyester based) and a coating of active grinding additives.

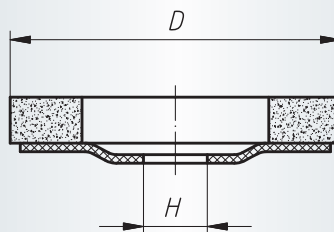
Ideally suited for stainless steel.



Industry

The NAWAROFLEX® – to improve surface finish

Ordering example: A27131151040140



Packing unit:

10 pcs. per type

v_{max} : 30 m/s

ISO 15635

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

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

SLTM = flat

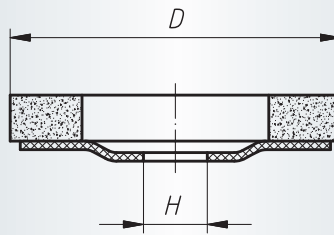
Description	Grits	D mm	H mm	n max. (1/min)	Product-Number	recommended for	
SLTM 115	A 104/80	115	22,23	4.900	A27131151040140	1 2 3 4 5 6 7 8	■
SLTM 115	A 106/150	115	22,23	4.900	A27131151060140	1 2 3 4 5 6 7 8	■
SLTM 115	A 107/240	115	22,23	4.900	A27131151070140	1 2 3 4 5 6 7 8	■
SLTM 115	C 204/80	115	22,23	4.900	A27131152040141	1 2 3 4 5 6 7 8 9	■
SLTM 115	C 206/150	115	22,23	4.900	A27131152060141	1 2 3 4 5 6 7 8 9	■
SLTM 115	C 207/240	115	22,23	4.900	A27131152070141	1 2 3 4 5 6 7 8 9	■

Usable without supporting-plate on adjustable and slow-speed angle grinders.



The NAWAROFLEX® – for finishing and polishing

Ordering example: A27221151040130



Packing unit:

10 pcs. per type

v_{max} : 30 m/s

A = Abrasive fleece cloth combined

Al.-Oxide

C = Abrasive fleece cloth combined Sil.-Carbide

SLTV = flat

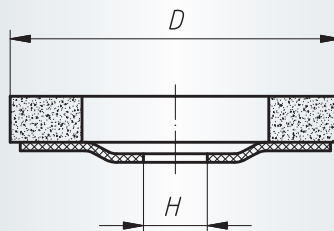
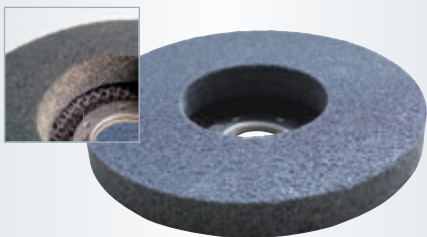
Description	Grits	D mm	H mm	n max. (1/min)	Product-Number	recommended for	
SLTV 115	A 104	115	22,23	4.900	A27221151040130	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTV 115	A 106	115	22,23	4.900	A27221151060130	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTV 115	A 107	115	22,23	4.900	A27221151070130	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTV 115	C 206	115	22,23	4.900	A27221152060130	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■
SLTV 115	C 207	115	22,23	4.900	A27221152070130	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■

Usable without supporting-plate on adjustable and slow-speed angle grinders.



The SLTP , Polishing disc

Ordering example: A271611523



Packing unit:

5 pcs. per type

v_{max} : 50 m/s

SLTP = dished

Description	Quality	D mm	H mm	reinforced hartness	n max. (1/min)	Product-Number	recommended for	
SLTP 115 M	SIC fine	115	22,23	medium	8.350	A271611523	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■
SLTP 115 W	SIC fine	115	22,23	soft	8.350	A271611513	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■

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.