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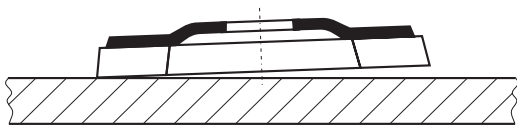


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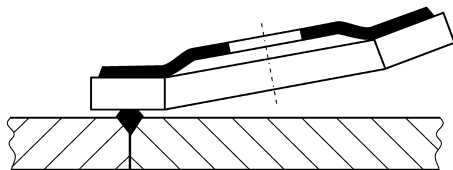
General Information

The LUKAS depressed-centred flap discs have been designed to cater for the majority of applications.

Available diameters range from Ø 50 mm to Ø 178 mm, in „flat“ or „angled“ shape.



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.

Depending on the kind of application, we can offer depressed-centred flap discs with aluminium oxide (NK), Zirconia (ZK) or silicon carbide (S) abrasive cloth.

In addition, we supply depressed-centred flap discs for finishing and polishing; these are available with fleece, fleece/cloth inserts and with a flexible bond (PU).

Applications

Suitable for most materials:

- deburring
- fettling
- derusting
- finishing

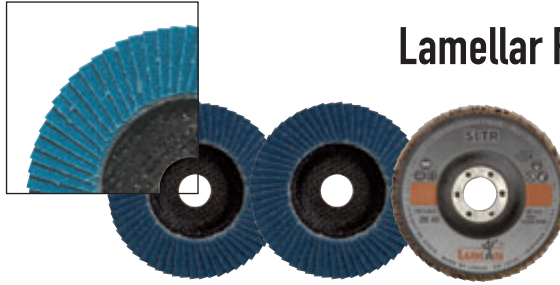
Characteristic

- quiet, free of vibration
- optimal stock removal throughout the tool life
- free cutting
- maximum utilisation of the abrasive flaps

Selecting the correct quality

Selecting the correct quality depends on the application, the required surface finish and material to be ground. We recommend coarse grit sizes for high stock removal, rough surface finishes and soft workpiece materials. Finer surface finishes require finer grit sizes.

**Competitively priced,
reinforced fibre backing
quality zirconia
(ISO 15635)**



Description	Ø mm	B mm	n _{max} (1/min)	available grits					
				ZK 36	ZK 40	ZK 50	ZK 60	ZK 80	ZK 120
SLTO 100	100	16	15200	○	■	○	■	○	○
SLTO 115	115	22,23	13300	■	■	■	■	■	■
SLTO 125	125	22,23	12200	○	■	■	■	■	○
SLTO 178	178	22,23	8500	■	■	○	■	■	■
SLTR 100	100	16	15200	○	■	○	■	○	○
SLTR 115	115	22,23	13300	■	■	■	■	■	■
SLTR 125	125	22,23	12200	■	■	○	■	■	■
SLTR 150	150	22,23	10200	○	■	○	■	■	○
SLTR 178	178	22,23	8500	■	■	○	■	■	■

Packing unit: 10 pcs. per type

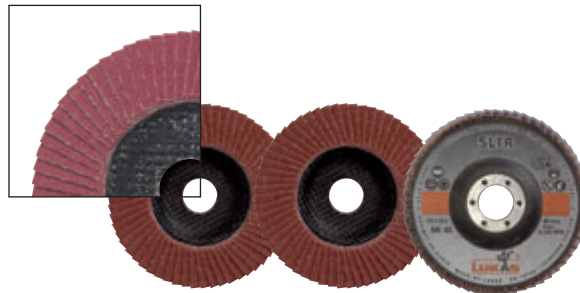
SLTO = flat

Ordering example: SLTR 115 ZK 40

V_{max}: 80 m/s

SLTR = dished

**Competitively priced,
reinforced fibre backing
quality aluminium oxide
(ISO 15635)**



Description	Ø mm	B mm	n _{max} (1/min)	available grits					
				NK 36	NK 40	NK 50	NK 60	NK 80	NK 120
SLTO 115	115	22,23	13300	○	■	○	■	■	■
SLTO 125	125	22,23	12200	○	■	■	○	○	○
SLTO 178	178	22,23	8500	○	○	○	■	○	○
SLTR 115	115	22,23	13300	■	■	○	■	■	■
SLTR 125	125	22,23	12200	○	■	○	■	■	■
SLTR 178	178	22,23	8500	○	■	○	■	■	○

Packing unit: 10 pcs. per type

SLTO = flat

Ordering example: SLTR 115 NK 40

V_{max}: 80 m/s

SLTR = dished

■ delivery ex-stock

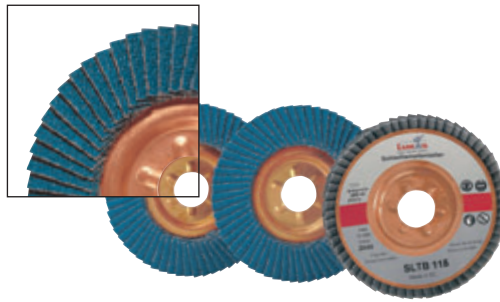
▲ quick delivery

○ available as special service

⊞ regrind service, please enquire



200 Lamellar Flap Discs



The robust,
with steel backing
(ISO 15635)

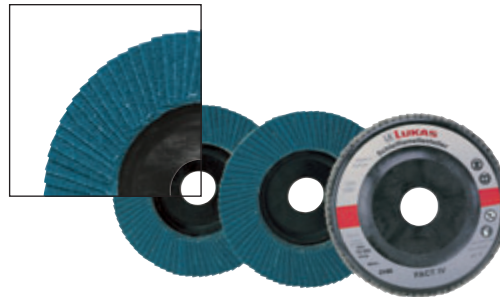
Description	Ø mm	B mm	n _{max} (1/min)	available grits					
				ZK 36	ZK 40	ZK 50	ZK 60	ZK 80	NK 120
SLTF 115	115	22,23	13300	○	■	○	■	■	■
SLTF 125	125	22,23	12200	○	■	○	■	■	■
SLTF 178	178	22,23	8500	■	■	○	■	■	○
SLTB 115	115	22,23	13300	■	■	■	■	■	■
SLTB 125	125	22,23	12200	○	■	○	■	■	■
SLTB 178	178	22,23	8500	■	■	○	■	■	○

Packing unit: 10 pcs. per type

SLTB = dished
SLTF = flat

Ordering example: SLTB 115 ZK 60

V_{max.}: 80 m/s



The FACT IV
with plastic backing
(ISO 15635)

Description	Ø mm	B mm	n _{max} (1/min)	available grits					
				ZK 40	ZK 60	ZK 80	ZK 120		
SLTK 115	115	22,23	13300	■	■	■	■		
SLTK 125	125	22,23	12200	■	■	■	○		
SLTK 178	178	22,23	8500	■	■	■	○		

Packing unit: 10 pcs. per type

SLTK = flat

Ordering example: SLTK 115 ZK 80

V_{max.}: 80 m/s



■ delivery ex-stock

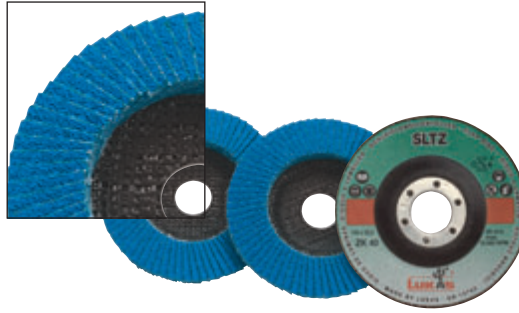
▲ quick delivery

○ available as special service



regrid service, please enquire

The SLTZ,
with special active
grinding additives
(ISO 15635)



Description	Ø mm	B mm	n _{max} (1/min)	available grits					
				ZKS 40	ZKS 60	ZKS 80			
SLTZ 115	115	22,23	13300	■	■	■			
SLTZ 125	125	22,23	12200	■	■	■			

Packing unit: 10 pcs.

SLTZ = dished

Ordering example: SLTZ 115 ZKS60

V_{max}: 80 m/s

Properties:

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

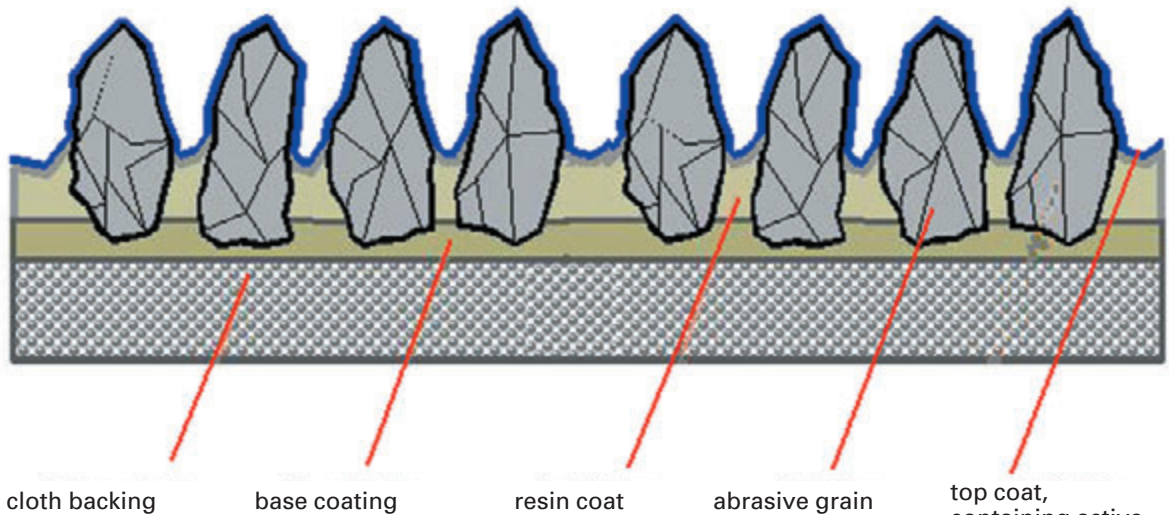
Characteristics:

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

Applicaton:

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

Construction of the special coated abrasive material



■ delivery ex-stock

▲ quick delivery

○ available as special service

Ⓢ regrind service, please enquire

Grinding at the highest level – European-wide patented new design and configuration of flaps

Improved grinding performance through a new configuration of flaps

wider flaps

- More than 70 % of the total abrasive material is located on the outer perimeter of the disc

- Up to 6 layers of abrasive material

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

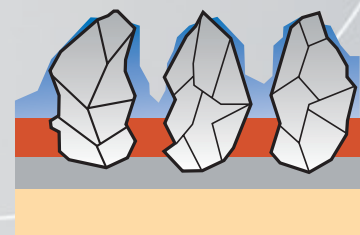
Outstanding stock removal

Suitable for most workpiece materials i.e.:

- Constructional Steels
- Stainless steel
- High alloyed steels
- Aluminium

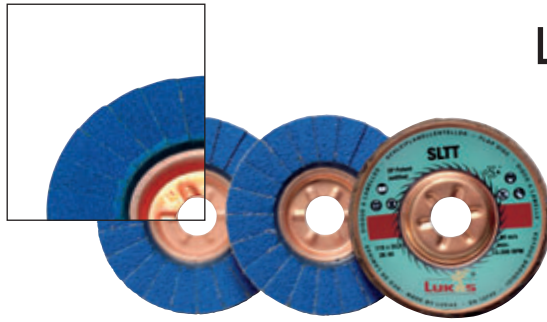
Ideal for

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



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

The SLTT,
our turbo-flap disc
European – wide patented
(ISO 15635)



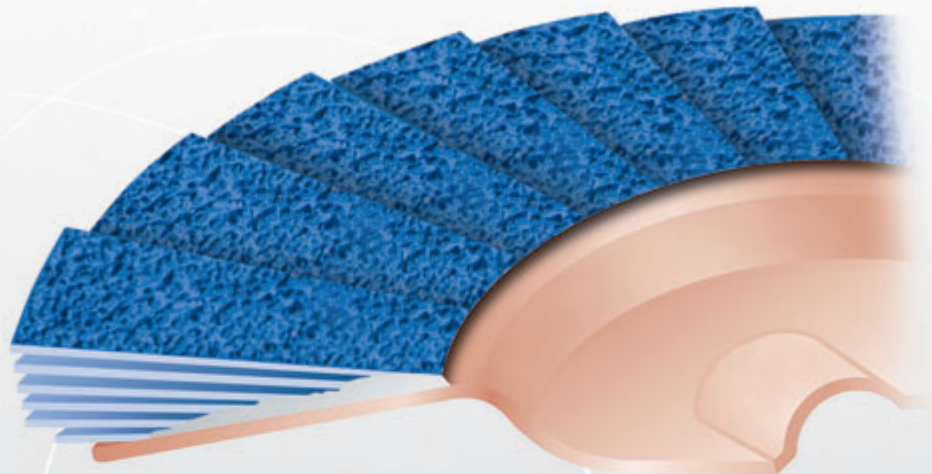
Description	Ø mm	B mm	n _{max} (1/min)	available grits	
				ZKS 40	ZKS 60
SLTT 115	115	22,23	13300	■	■
SLTT 125	125	22,23	12200	■	■
SLTT 150	150	22,23	10100	○	○
SLTT 178	178	22,23	8500	■	■

Packing unit: 10 pcs. per type

Ordering example: SLTT 115 ZKS60

V_{max.}: 80 m/s

... for highest chip removal!



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

strong steel backing plate

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

SLTT Turbo

204 Lamellar Flap Discs



The V2 POWER
European – wide patented
(ISO 15635)



Description	Ø mm	Bore mm	n _{max} (1/min)	available grits	
				ZKS 40	ZKS 60
V2 POWER 115	115	22,23	13300	■	■
V2 POWER 125	125	22,23	12200	■	■
NEW V2 POWER 178	178	22,23	8500	■	■

Packing unit: 10 pcs. per type

Ordering example: V2 POWER 115 ZKS 40

V_{max.}: 80 m/s

...for general purpose!



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

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



■ delivery ex-stock

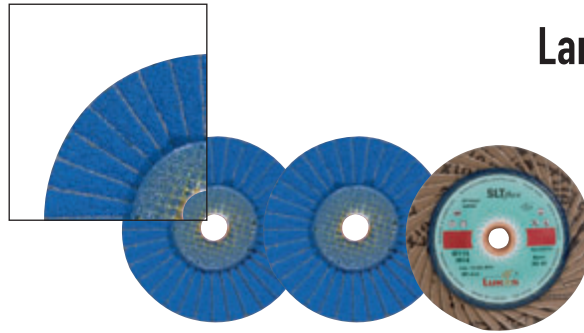
▲ quick delivery

○ available as special service



regrind service, please enquire

The SLT_{flex}
The flexible innovation
European – wide patented



Description	Ø mm	Thread	n _{max} (1/min)	available grits			
				ZKS 40	ZKS 60	ZK 60	ZK 120
SLT _{flex} 115	115	M14	13300	■	■	■	■
SLT _{flex} 125	125	M14	12200	■	■	■	■

Packing unit: 10 pcs. per type

Ordering example: SLT_{flex} 115 ZKS 40

V_{max.}: 80 m/s

... for the awkward areas!

Feel the efficiency compared to conventional lamellar flap discs.

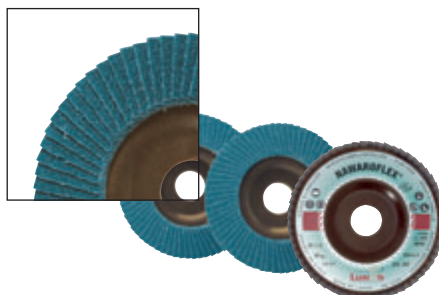
- extreme tool life
- simple tool change (backing plate/pad and mounting nut no longer required)
- high flexibility due to elongated flaps (no disturbing backing plate)

flexible design and configuration of flaps

SLT_{flex}

The NAWAROFLEX®

ideal for working on stainless steel



The NAWAROFLEX® – for stock removal (ISO 15635)



Description	Ø mm	B mm	n _{max} (1/min)	available grits				
				ZKS 36	ZKS 40	ZKS 50	ZKS 60	ZKS 80
SLTC 115	115	22,23	13300	■	■	■	■	■
SLTC 125	125	22,23	12200	○	■	○	■	■

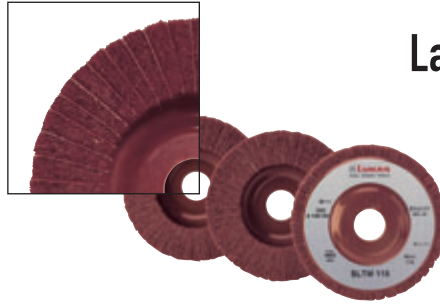
Packing unit: 10 pcs. per type

SLTC = dished

Ordering example: SLTC 115 ZKS 60

V_{max}: 80 m/s

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



The NAWAROFLEX® – to improve surface finish (ISO 15635)

Description	Ø mm	B mm	n _{max} (1/min)	available grits					
				A 104/80	S 204/80	A 106/150	S 206/150	A 107/240	S 207/240
SLTM 115	115	22,23	4900	■	■	■	■	■	■

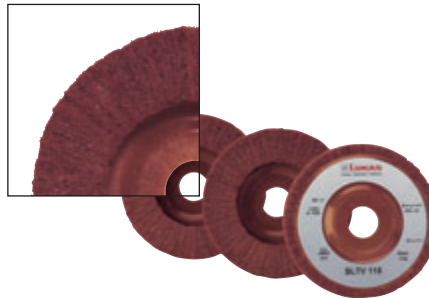
Packing unit: 10 pcs. per type

SLTM = flat

Ordering example: SLTM 115 A 104/80

V_{max.}: 30 m/s

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



The NAWAROFLEX® – for finishing and polishing

Description	Ø mm	B mm	n _{max} (1/min)	available grits					
				A 104	S 204	A 106	S 206	A 107	S 207
SLTV 115	115	22,23	4900	■	○	■	■	■	■

Packing unit: 10 pcs. per type

SLTV = flat

Ordering example: SLTV 115 A 104

V_{max.}: 30 m/s

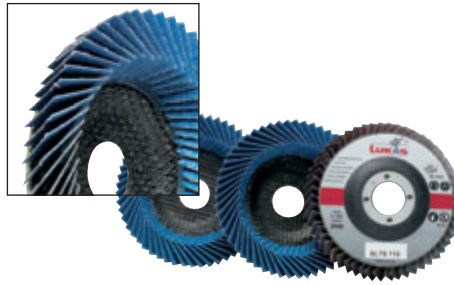
Usable without supporting-plate on adjustable and slow-speed angle grinders.

Qualities

A = reg. Al.-oxide NK

S = Silicon carbide SIC

208 Lamellar Flap Discs



The SLTS with vertical flaps

Description	Ø mm	B mm	n _{max} (1/min)	available grits		
				ZK 40	ZK 60	ZK 80
SLTS 115	115	22,2	13300	■	■	■
SLTS 125	125	22,23	12200	■	■	■

Packing unit: 5 pcs. per type

SLTS = flat

Ordering example: SLTS 115 ZK 40

Due to the vertical 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.



The SLTP Polishing disc

Description	Ø mm	B mm	Hartness	n _{max} (1/min)	available grits SIC fine
SLTP 115 W	115	22,23	soft	8350	■
SLTP 115 M	115	22,23	medium	8350	■

Packing unit: 5 pcs. per type

SLTP = dished

Ordering example: SLTP 115 W SIC fine

n_{max.}: 50 m/s

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.