



# 2020 CATALOGUE

INDUSTRIAL PERFORMANCE ABRASIVES

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Cutting Discs & Grinding Wheels

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Coated Abrasives

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Diamond Blades

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Carbide Burrs & Wire Brushes

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Bonded Abrasives

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Polishing Products

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# flexovit

Flexovit offers a complete collection of high performance coated abrasives, cutting discs & grinding wheels, bonded abrasives & diamond blades for all industrial applications

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## MARKET SOLUTIONS

With unparalleled abrasive technology, our wide range of products and solutions meet every individual need and requirement whether you're cutting, grinding, sharpening, blending, finishing or polishing, in any market.



### METAL FABRICATION

Performance abrasives for use in the manufacture of doors, gates, fences, shutters, garage doors, metal frames for industrial equipment, pre-fabricated metal sheets, frameworks and scaffolding.



### INDUSTRIAL MAINTENANCE

Weld prep, grinding, deburring, rust removal & clean-up are vital in maintaining quality parts, Flexovit offers performance solutions for every application.



### AERO STRUCTURES

Increase production & reduce cost in the production of landing gear cases, wing structures, reactor structures, auxiliary fins and fuselage structures.



### SHIPYARD

Trust Flexovit to perform in the toughest environments for building civilian & warships, and the maintenance and repair of small and large vessels.



### BOILERS & PIPING

High performance abrasives for the construction & mounting of metal sheets and pipes on industrial sites.



### TANKS & CONTAINERS

Flexovit holds expertise in abrasive applications in the manufacture and assembly of steel and stainless steel tanks for food and chemicals.



### FOUNDRY

Abrasive solutions for heavy grinding, deburring, removal of cracks, shaping and gate removal for parts found in the aerospace, medical and general engineering markets.



### RAIL

Flexovit offers a range of affordable, user friendly abrasive solutions for any application in the maintenance and repair of rail tracks.



### ENERGY

Flexovit offers a range of high performance industrial abrasive solutions for manufacture and repair operations found in traditional energy industries.



### MARINE

Whether repairing or just caring for your investment, Flexovit offers abrasives which help to create a perfect surface finish on boats, ships & yachts.



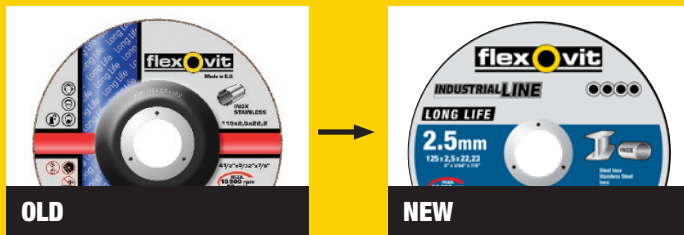
### BUILDING & HARDWARE

A range of diamond blades, cutting & grinding wheels and sanding products for the most demanding professionals within the building & hardware markets.

# A STRONG BRAND HERITAGE

Flexovit's strong brand heritage and reputation for quality and performance has existed since the 1950's. The evolution of our product portfolio and ever increasing performance levels has added value in a number of different markets for many years and at Saint-Gobain Abrasives, we're ready for the future. With a contemporary design we're forward thinking and bringing innovation to the market. We constantly aim to provide better performance, better prices and a better offering for any application.

Through recent investment in the brand, we've made packaging clearer, bolder and easily recognisable on shelf, but rest assured, Flexovit will continue to provide you with the same great quality and performance you know and love.



## CLEAR PRODUCT DIFFERENTIATION

Bold design with clear communication make product selection quicker and easier.



## CLEARLY SEGMENTED QUALITY TIERS

A structured offering of quality and performance with clearly defined 'good', 'better' and 'best' solutions for all industrial applications represented by three clearly distinguished sub-brands: Speedoflex, Industrial Line and Mega-Line.

**SPEEDO FLEX**



### GOOD

Lower cost product solutions with a standard performance level for general applications.

**INDUSTRIAL LINE**



### BETTER

'Industrial Line' provides professional quality and technical solutions for demanding applications.

**Mega LINE**



### BEST

Mega-Line provides the ultimate high performance industrial products for excellent results in very demanding technical applications.

# NEW MERCHANDISING DISPLAYS

Flexovit branded merchandising displays and a complete solution of point of sale graphics are available that can be tailored to your requirements from cutting-off and grinding to surface preparation and finishing.



## DISPLAY KIT

- The complete kit comes with all components needed to create a full display for any product range
- Kit contains: base x1, pegboards x4, branded header x1, shelf x1, display bar with 5 pins x1, legs x2, pegs x35
- Accessories can be ordered separately if required

STAND KIT (mm)	QTY	ART NO.	PRICE
Display: 2300 x 1030 x 500	1	410101315	###,##

INDIVIDUAL COMPONENTS	QTY	ART NO.
Header: with light	1	MT0
Header: without light	1	
Shelf	1	
Bar with 5 pins for heavy products	1	
Pegs	35	
Euro hooks	35	

## PORTABLE DISPLAY

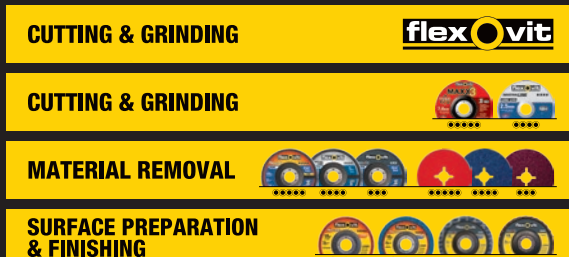
- For cutting-off & grinding wheels
- Kit contains: unit x1, header x1, pins x22, side panels x2
- Accessories can be ordered separately if required

PORTABLE KIT (mm)	QTY	ART NO.	PRICE
Display: 1740 x 380 x 580	1	410101319	###,##

## POINT-OF SALE GRAPHICS

- Graphic templates can be adapted to suit your requirements
- For information please contact your local sales representative

### EXAMPLE TEMPLATES



# CUTTING DISCS & GRINDING WHEELS

FOR INDUSTRIAL APPLICATIONS

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# UNDERSTANDING THE PRODUCT

## CUTTING DISCS & GRINDING WHEELS



**METAL RING WITH VALIDITY DATE**  
 V = VALIDITY DATE (PRODUCTION QUARTER + 3 YEAR)  
 V01 = 1st quarter    V04 = 2nd quarter    V07 = 3rd quarter    V10 = 4th quarter

**Example:**  
 V04/2023 indicates production in the 2nd quarter of 2020 and advised usage before the 2nd quarter of 2023

## DIFFERENTIATION IN THE RANGE

Flexovit provides a wide selection of cutting discs and grinding wheels made up of four distinct product lines giving four different price/performance levels, satisfying all demands in industrial markets. Flexovit Maxx3 offers the latest ceramic technology for the ultimate cutting and grinding experience. Mega-Line offers premium performance, Flexovit Industrial Line is the answer when you're looking for a great balance of speed, life and price, and Flexovit Speedoflex is an economical solution for all basic cutting and grinding jobs.



Flexovit Maxx3: the ultimate smooth cutting and grinding experience. Ceramic grain provides sharp cutting action for greater operator control and the ultimate performance in life and material removal.

Flexovit Mega-Line is designed to meet the demands of the most demanding users. Mega-Line works fast and has long life, meaning you need fewer wheels for one job, saving time and money.

The Industrial Line range offers a great balance between speed, life and cost on many different metals in all cutting and grinding applications.

The Speedoflex range provides outstanding value when abrasive cost takes precedence over reducing production time. Ideal for basic cutting and grinding operations.



## CUTTING DISCS & GRINDING WHEEL ICONS

### MATERIAL ICONS

Inox / Stainless Steel	Steel	Cast Iron	Non-Ferrous	Stone	Rail

### MACHINE ICONS

Cutting-off	Grinding	Straight Grinder	Angle Grinder	Petrol Saw with clamping device (Rail)	Petrol Saw	Chop Saw	Stationary machine

### SAFETY ICONS

Mouth Protection	Wear Gloves	Eye Protection	Ear Protection	Read Instructions	Not for Side Grinding	Do not use Damaged Wheel

## PROTECT. SERVE. SHINE.

Offering the ultimate protection, our best-selling Flexovit cutting off wheels now come in handy tubs. With no breakage in transit and no cracking, tearing or water damage, the robust and colourful new packaging ensures our wheels are better protected, easier to carry and more visible on the shelf. Our tubs are also fully recyclable, and we encourage you to reuse them in the workshop to contribute to the circular economy and help to protect the environment.



# PRODUCT SELECTION GUIDE

## GRINDING WHEELS FOR ANGLE GRINDERS



	NEW NQ 24 R MAXX3 COMBO	NQ 24 P MAXX3	NEW NQ 24 N MAXX3	ZA 24 Q MEGA-LINE MAXX	A 30 W MEGA-LINE	A 30 Q MEGA-LINE	A 30 P MEGA-LINE	ZA 24 Q IND. LINE ZIRCONIA	A 24 V IND. LINE LONG LIFE
MATERIALS	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
Steel, construction steel	●	●	●	◐	●	◐	●	●	◐
Low-alloy steel	●	●	●	◐	●	◐	●	●	◐
High-alloy steel	●	●	●	●	◐	●	●	◐	●
Thin sheets, plates profiles					●			◐	
Stainless steel, inox	◐		●	●	◐	●	●	◐	●
Rail	◐	●	◐				●		
Cast iron				●	◐	◐	◐	◐	◐
Non-ferrous									
Titanium				◐					
Stone, concrete									
Glass, plastics, PVC									

## CUTTING DISCS FOR ANGLE GRINDERS



	NEW NQ 60 Y MAXX3	NEW NQ 60 ZZ MAXX3	NEW NQ 46 ZZ MAXX3	ZA 46/60 Y MEGA-LINE MAXX	A 60 V MEGA-LINE	A 24 V MEGA-LINE	A 46/60 W MEGA-LINE	A 30 W MEGA-LINE	ZA 60 Y MEGA-LINE MAXX	A 30 V IND. LINE LONG LIFE
MATERIALS	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
Steel, construction steel	●	●	●	●	◐	◐	◐	●	●	●
Low-alloy steel	●	●	●	●	◐	◐	◐	●	●	●
High-alloy steel	●	●	●	●	●	●	◐	◐	●	◐
Thin sheets, plates profiles	●	●	◐	●	●	◐	●	◐	●	◐
Stainless steel, inox	●	●	●	●	●	●	◐	◐	●	◐
Rail										
Cast iron								◐		◐
Non-ferrous					◐					
Titanium	●	●			◐					
Stone, concrete										
Tiles, ceramic										
Glass, plastics, PVC										



A 24 Q IND. LINE FAST CUT	A 36 Q IND. LINE ALU	A 30 S IND. LINE GEN. PURP.	C 30 T IND. LINE GEN. PURP.	ZA 203 T FOUNDRY	ZA 203 R FOUNDRY	ZA 24R/30S FOUNDRY
●●●●	●●●●	●●●●	●●●●			
●	○	●		○	○	○
●	○	●		○	○	○
○	○	○		○	○	●
○	●	○	●	●	●	●
	●					
	●		●			
	●		●			
	●		●			

Highly recommended ●  
Recommended ○



A 24 V IND. LINE LONG LIFE	A 46/60 T IND. LINE THIN CUT	A 30 S IND. LINE GEN. PURP.	A 36/46/60 Q IND. LINE ALU	C 30 S/T IND. LINE GEN. PURP.	A 24/30 V IND. LINE LONG LIFE	ZA T/S/R FOUNDRY	NQ 24 Q MAXX3 RAIL	ZA 24 Q IND. LINE FAST CUT RAIL	ZA 24 P ZIRCONIA RAIL	A 24 P/Q FLEXOVIT MEDIUM RAIL	AC 30 S RESCUE
●●●●	●●●●	●●●●	●●●●	●●●●	●●●●		●●●●●	●●●●			
○	○	●	○		○	○					●
○	○	●	○		○	○					●
●	●	○	○		●	○					●
○	●	○	○		○	○					●
●	●	○	○		●	○	●	●	●	●	
○		○	○	●	○	●					
	○		●	●							●
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				●							●



# CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

### GRINDING – BF 27

#### CERAMIC TECHNOLOGY

**WE'VE REINVENTED  
THE WHEEL**

**LIGHT COMFORT GRINDING**

**NEW FLEXOVIT MAXX3  
GRINDING, BUT NOT AS YOU KNOW IT**

Flexovit Maxx3 Light Comfort Grinding (LCG) discs are 3mm thick and bring 3 clear benefits; they're faster, smoother and more precise than their traditional 7mm counterparts in light grinding applications. A light touch of the metal with the LCG disc and material is removed in an instant, the disc works with ease. What's more, it's comfortable to use; less vibrations are felt through the grinder thanks to the ceramic grain and engineered bond technology inside the disc which aids precision when grinding in tight spaces or curved areas.

**LCG**  
LIGHT COMFORT  
GRINDING

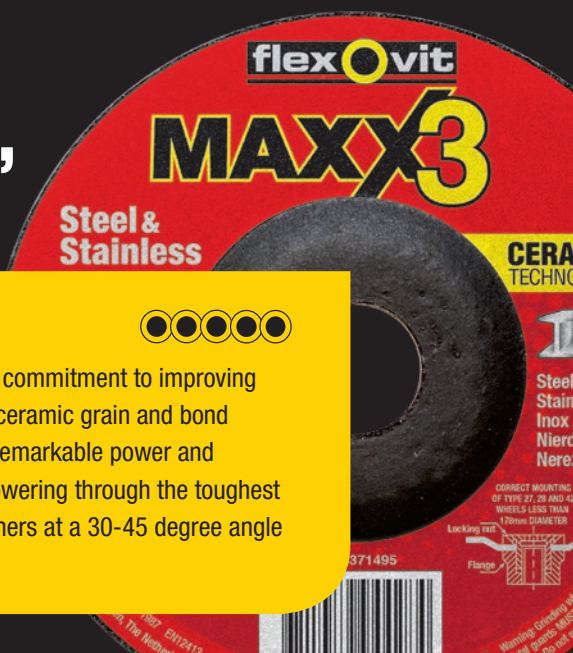


DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	3,0 x 22,23	NQ 30 S-BF27	10	66252846612	###,##
125	3,0 x 22,23	NQ 30 S-BF27	10	66252846613	###,##



**CERAMIC TECHNOLOGY**

**THE ULTIMATE IN SPEED, LIFE & USER COMFORT**



**FLEXOVIT MAXX3**



Work smarter not harder with Flexovit Maxx3 grinding wheels. Our commitment to improving industrial performance has never been stronger with this blend of ceramic grain and bond system, delivering extraordinary grinding results. Maxx3 provides remarkable power and refined control from start to finish, even when used on all sides, powering through the toughest steel applications effortlessly. Remove welds on flat metal and corners at a 30-45 degree angle with fewer wheels for the job.

DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	4,2 x 22,23	NQ 24 R-BF27	20	66253371489	###,##
	7,0 x 22,23	NQ 24 P-BF27	10	66253371494	###,##
125	4,2 x 22,23	NQ 24 R-BF27	20	66253371490	###,##
	7,0 x 22,23	NQ 24 P-BF27	10	66253371495	###,##
	7,0 x 22,23	NQ 24 N-BF27 INOX	10	66252839722	###,##
150	4,2 x 22,23	NQ 24 R-BF27	20	66253371491	###,##
	7,0 x 22,23	NQ 24 P-BF27	10	66253371496	###,##
180	4,2 x 22,23	NQ 24 R-BF27	20	66253371492	###,##
	7,0 x 22,23	NQ 24 P-BF27	10	66253371497	###,##
230	4,2 x 22,23	NQ 24 R-BF27	20	66253371493	###,##
	7,0 x 22,23	NQ 24 P-BF27	10	66253371498	###,##
	7,0 x 22,23	NQ 24 N-BF27 INOX	10	66252839723	###,##



**FIND OUT MORE**  
[www.flexovit.com](http://www.flexovit.com)



# CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## GRIND ALL MATERIALS WITH EASE

LIGHT COMFORT GRINDING

### NEW FLEXOVIT MULTI MATERIAL

One wheel grinds all materials with even the lightest touch. Reduce downtime and overall process cost by using one wheel for many applications. What's more, at only 3mm thick, the lightweight wheel ensures precision and accuracy during grinding even in hard to grind areas like corners and grooves. A smoother feel and more comfortable grinding experience thanks to reduced vibrations through the machine.

**LCG**  
LIGHT COMFORT  
GRINDING



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	3,0 x 22,23	C 30 S-BF27	10	66252846614	###,##
125	3,0 x 22,23	C 30 S-BF27	10	66252846615	###,##



## MEGA-LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	7,0 x 22,23	A 30 W-BF27	10	66252919149	###,##
125	7,0 x 22,23	A 30 W-BF27	10	66252919150	###,##
180	7,0 x 22,23	A 30 W-BF27	10	66252919151	###,##
230	7,0 x 22,23	A 30 W-BF27	10	66252919153	###,##



- Aluminium oxide grain for grinding high tensile materials like steel
- Hard grade wheel for long life in tough applications on powerful machines
- Ideal for removing sharp edges from steel

## MEGA-LINE INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	7,0 x 22,23	A 30 Q-BF27 INOX	10	66252919148	###,##
125	7,0 x 22,23	A 30 Q-BF27 INOX	10	66252833006	###,##
150	7,0 x 22,23	A 30 Q-BF27 INOX	10	66252919673	###,##
180	7,0 x 22,23	A 30 Q-BF27 INOX	10	66252833013	###,##
	8,0 x 22,23	A 30 Q-BF27 INOX	10	66252919691	###,##
230	7,0 x 22,23	A 30 Q-BF27 INOX	10	66252919713	###,##
	8,0 x 22,23	A 30 Q-BF27 INOX	10	66252919719	###,##



- Sharp Aluminium Oxide grain removes material quickly during use
- Medium hardness grade provides greater wheel life and less vibrations for more comfortable use

## MEGA-LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
180	7,0 x 22,23	A 30 P-BF27 HP	10	66252829243	###,##
230	7,0 x 22,23	A 30 P-BF27 HP	10	66252829272	###,##



- Soft grade hardness for fast grinding on steel and stainless steel/inox
- Free of iron, sulphur & chlorine so does not contaminate the workpiece

# CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## CUTTING – BF 41

### CERAMIC TECHNOLOGY

## CUT WITH SPEED & CONFIDENCE

### NEW FLEXOVIT MAXX3

Following in the footsteps of Maxx3 grinding wheels comes the new innovation in cutting: Maxx3 in 1,3mm & 1,6mm thickness. If you want speed of cut or to work on thin or hollow materials, the 1,3mm will do it with ease. If you are cutting thicker materials, then the 1,6mm is ideal. Whatever your choice, experience extra-smooth, fast cutting action and long life thanks to our premium ceramic grain.



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	1,0 x 22,23	NQ 60 Y-T41	25	66253371480	###,##
	1,3 x 22,23	NQ 60 ZZ-T41	25	66253371481	###,##
	1,6 x 22,23	NQ 46 ZZ-T41	25	66253371482	###,##
125	1,0 x 22,23	NQ 60 Y-T41	25	66253371483	###,##
	1,3 x 22,23	NQ 60 ZZ-T41	25	66253371484	###,##
	1,6 x 22,23	NQ 46 ZZ-T41	25	66253371485	###,##
	2,5 x 22,23	NQ 24 P-T41	25	66252845953	###,##
	2,5 x 22,23	NQ 24 P-T42	25	66252832259	###,##
	150	2,5 x 22,23	NQ 24 P-T41	25	66252846122
	2,5 x 22,23	NQ 24 P-T42	25	66252846124	###,##
180	2,5 x 22,23	NQ 24 P-T42	25	66252845045	###,##
230	2,5 x 22,23	NQ 24 P-T41	25	66252846358	###,##
	2,5 x 22,23	NQ 24 P-T42	25	66252846359	###,##

### FIND OUT MORE

[www.flexovit.com](http://www.flexovit.com)



## OUR BEST-SELLING FLEXOVIT CUTTING-OFF WHEELS NOW COME IN HANDY TUBS

FIND OUT MORE [www.flexovit.com](http://www.flexovit.com)





## MEGA-LINE INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	1,0 x 22,23	A 60 V-BF41 INOX	25	66252832594	###,##
	1,6 x 22,23	A 46 V-BF41 INOX	25	66252832920	###,##
125	1,0 x 22,23	A 60 V-BF41 INOX	25	66252832599	###,##
	1,6 x 22,23	A 46 V-BF41 INOX	25	66252919145	###,##
180	1,6 x 22,23	A 36 V-BF41 INOX	25	66252832607	###,##
230	1,9 x 22,23	A 36 V-BF41 INOX	25	66252832923	###,##

**WATCH THE VIDEO**  
www.flexovit.com



- Hard grade wheel for good cut rate on stainless steel/inox, helps increase productivity
- Sharp Aluminium Oxide grain and reinforced resin bond gives a very stable and comfortable cut
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## MEGA-LINE INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,0 x 22,23	A 24 V-BF41 INOX	25	66252919380	###,##
125	2,0 x 22,23	A 24 V-BF41 INOX	25	66252919381	###,##
180	2,0 x 22,23	A 24 V-BF41 INOX	25	66252919382	###,##
230	2,0 x 22,23	A 24 V-BF41 INOX	25	66252919383	###,##
115	2,5 x 22,23	A 24 V-BF41 INOX	25	66252919977	###,##
125	2,5 x 22,23	A 24 V-BF41 INOX	25	66252920007	###,##
150	2,5 x 22,23	A 24 V-BF41 INOX	25	66252920023	###,##
180	2,5 x 22,23	A 24 V-BF41 INOX	25	66252920042	###,##
	3,0 x 22,23	A 24 V-BF41 INOX	25	66252920050	###,##
230	2,5 x 22,23	A 24 V-BF41 INOX	25	66252920065	###,##
	3,0 x 22,23	A 24 V-BF41 INOX	25	66252919221	###,##



- Hard grade wheel for long life on stainless steel/inox
- Thicker wheel gives more stability and control when cutting
- Coarse grit wheels for use with medium to heavy pressure
- Free of iron, sulphur and chlorine so does not contaminate the workpiece
- For rough and demanding operations

## MEGA-LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	1,0 x 22,23	A 60 W-BF41	25	66252832592	###,##
	1,6 x 22,23	A 46 W-BF41	25	66252833016	###,##
125	1,0 x 22,23	A 60 W-BF41	25	66252833017	###,##
	1,6 x 22,23	A 46 W-BF41	25	66252833019	###,##
	2,0 x 22,23	A 30 W-BF41	25	66252950809	###,##
	2,5 x 22,23	A 30 W-BF41	25	66252920009	###,##
230	2,5 x 22,23	A 30 W-BF41	25	66252920066	###,##
	3,0 x 22,23	A 30 W-BF41	25	66252920074	###,##
	2,0 x 22,23	A 30 W-BF41	25	66243451721	###,##



- Aluminium oxide grain for two to three times more cuts through steel than conventional wheels
- Hard grade hardness provides good wheel life

# CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## CUTTING – BF 42



- Super thin 0,8mm wheels for a precise cut on metal below 2mm thick
- Sharp zirconia grain and 0,8mm thickness reduces material loss and sparks, retaining workpiece integrity
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## MEGA-LINE MAXX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	0,8 x 22,23	ZA 60 Y-BF42	25	66252840226	###,##
125	0,8 x 22,23	ZA 60 Y-BF42	25	66252840227	###,##



- Coarse aluminium oxide grain provides fast material removal rate
- Hard wheel grade for long product life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## MEGA-LINE INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,5 x 22,23	A 24 V-BF42 INOX	25	66252919154	###,##
	3,0 x 22,23	A 24 V-BF42 INOX	25	66252919647	###,##
125	2,5 x 22,23	A 24 V-BF42 INOX	25	66252919657	###,##
	3,0 x 22,23	A 24 V-BF42 INOX	25	66252919659	###,##
180	2,5 x 22,23	A 24 V-BF42 INOX	25	66252919676	###,##
	3,0 x 22,23	A 24 V-BF42 INOX	25	66252919679	###,##
230	2,5 x 22,23	A 24 V-BF42 INOX	25	66252919702	###,##
	3,0 x 22,23	A 24 V-BF42 INOX	25	66252829578	###,##



- Hard wheel grade for long life when cutting hard metal
- Wheel is designed for use on powerful machines for heavy duty cutting

## MEGA-LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,5 x 22,23	A 30 W-BF42	25	66252919155	###,##
125	3,0 x 22,23	A 30 W-BF42	25	66252919660	###,##
230	3,0 x 22,23	A 30 W-BF42	25	66252832569	###,##



**INDUSTRIAL LINE**

# INDUSTRIAL LINE CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

**CUTTING, GRINDING, POLISHING – BF 27**



**ALL IN 1 WHEEL**



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,2 x 22,23	A 46 S-BF27	25	66252830579	###,##
125	2,2 x 22,23	A 46 S-BF27	25	66252830580	###,##



- Cutting and light grinding can be done with this single wheel
- Reduce time lost to wheel changing and increase productivity
- Medium grade hardness and grain type mean lower vibrations, reducing hand fatigue when in use
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

**OUR BEST-SELLING FLEXOVIT CUTTING-OFF WHEELS NOW COME IN HANDY TUBS**  
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# INDUSTRIAL LINE CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

### GRINDING – BF 27



- Sharp zirconia grains remove material fast
- Coarse grain powers through the toughest of metals like cast iron time after time thanks to long wheel life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE LONG LIFE ZIRCONIA



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
125	7,0 x 22,23	ZA 24 Q-BF27	10	66252829223	###,##
150	7,0 x 22,23	ZA 24 Q-BF27	10	66252919672	###,##
180	7,0 x 22,23	ZA 24 Q-BF27	10	66252829248	###,##
230	7,0 x 22,23	ZA 24 Q-BF27	10	66252829278	###,##
	8,0 x 22,23	ZA 24 Q-BF27	10	66252919723	###,##



- 4mm and 4,5mm wheel thickness means use at 90° and 45° for grinding standard and hard to access areas, saving time on wheel changes
- Coarse aluminium oxide grain grinds easily through steel and inox
- Hard grade wheel lasts longer in demanding operations, even more use from one wheel
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE LONG LIFE COMBO WHEEL



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	4,0 x 16,0	A 24 V-BF27	20	66252829177	###,##
115	4,0 x 22,23	A 24 V-BF27	20	66252829194	###,##
125	4,0 x 22,23	A 24 V-BF27	20	66252918945	###,##
150	4,5 x 22,23	A 24 V-BF27	20	66252919671	###,##
180	4,0 x 22,23	A 24 V-BF27	20	66252829229	###,##
230	4,0 x 22,23	A 24 V-BF27	20	66252829256	###,##

## INDUSTRIAL LINE LONG LIFE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	7,0 x 16,0	A 24 V-BF27	10	66252829181	###,##
115	7,0 x 22,23	A 24 V-BF27	10	66252829204	###,##
125	7,0 x 22,23	A 24 V-BF27	10	66252829225	###,##
150	7,0 x 22,23	A 24 V-BF27	10	66252918946	###,##
180	7,0 x 22,23	A 24 V-BF27	10	66252829242	###,##
230	7,0 x 22,23	A 24 V-BF27	10	66252829271	###,##



- Coarse aluminium oxide grain grinds easily through steel and inox
- Hard grade wheel lasts longer, more use from one wheel
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## INDUSTRIAL LINE GENERAL PURPOSE COMBO WHEEL



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	4,5 x 16,0	A 30 S-BF27	20	66252829176	###,##
115	4,5 x 22,23	A 30 S-BF27	20	66252829193	###,##
125	4,0 x 22,23	A 30 S-BF27	20	66252829211	###,##
150	4,0 x 22,23	A 30 S-BF27	20	66252832891	###,##
180	4,0 x 22,23	A 30 S-BF27	20	66252829230	###,##
230	4,0 x 22,23	A 30 S-BF27	20	66252950741	###,##



- 4mm and 4,5mm wheel thickness means use at 90° and 45° for grinding standard and hard to access areas, saving time on wheel changes
- Medium grade hardness makes this wheel ideal for use on a number of metals, a great all round wheel
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	7,0 x 16,0	A 30 S-BF27	10	66252829182	###,##
115	7,0 x 22,23	A 30 S-BF27	10	66252829205	###,##
125	7,0 x 22,23	A 30 S-BF27	10	66252829220	###,##
150	7,0 x 22,23	A 30 S-BF27	10	66252832558	###,##
180	7,0 x 22,23	A 30 S-BF27	10	66252829244	###,##
230	7,0 x 22,23	A 30 S-BF27	10	66252833243	###,##



- Medium hardness wheel for good grinding performance on steel and inox
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

# INDUSTRIAL LINE CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

### GRINDING – BF 27



- Coarse grit inside the wheel slices through steel and inox with speed and ease
- Work faster for longer and increase productivity
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE FAST CUT



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	7,0 x 22,23	A 24 Q-BF27	10	66252829203	###,##
125	7,0 x 22,23	A 24 Q-BF27	10	66252829224	###,##
150	7,0 x 22,23	A 24 Q-BF27	10	66252918893	###,##
180	7,0 x 22,23	A 24 Q-BF27	10	66252829241	###,##
	7,0 x 22,23	A 24 Q-BF27	10	66252919694	###,##
230	7,0 x 22,23	A 24 Q-BF27	10	66252829270	###,##
	8,0 x 22,23	A 24 Q-BF27	10	66252919726	###,##



- Unique grain and bond combination for excellent performance on aluminium
- This bond system prevents loading and does not glaze during grinding for longer product life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE ALU



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	7,0 x 16,0	A 36 Q-BF27	10	66252918944	###,##
115	7,0 x 22,23	A 36 Q-BF27	10	66252829206	###,##
125	7,0 x 22,23	A 36 Q-BF27	10	66252833005	###,##
150	7,0 x 22,23	A 36 Q-BF27	10	66252832921	###,##
180	7,0 x 22,23	A 36 Q-BF27	10	66252829245	###,##
230	7,0 x 22,23	A 36 Q-BF27	10	66252832861	###,##



- Iron free wheel for use on stone and cast iron
- Sharp silicon carbide grain cuts fast requiring less pressure when grinding

### INDUSTRIAL LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	7,0 x 22,23	C 30 T-BF27	10	66252829597	###,##
125	7,0 x 22,23	C 30 T-BF27	10	66252829221	###,##
180	7,0 x 22,23	C 30 T-BF27	10	66252829246	###,##
230	7,0 x 22,23	C 30 T-BF27	10	66252833245	###,##

# CUTTING – BF 41

## INDUSTRIAL LINE THIN CUT



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	1,0 x 22,23	A 60 T-BF41	25	66252829282	###,##
	1,6 x 22,23	A 46 T-BF41	25	66252833015	###,##
125	1,0 x 22,23	A 60 T-BF41	25	66252829285	###,##
	1,6 x 22,23	A 46 T-BF41	25	66252833018	###,##
150	1,2 x 22,23	A 60 T-BF41	25	66252832962	###,##
	1,6 x 22,23	A 46 T-BF41	25	66252832605	###,##
180	1,6 x 22,23	A 46 T-BF41	25	66252832606	###,##
230	1,9 x 22,23	A 46 T-BF41	25	66252829660	###,##



- Ultra thin wheel thickness for a precise cut through steel and inox, reducing burrs
- Sharp aluminium oxide grain and medium bond hardness result in a stable cut throughout wheel life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## INDUSTRIAL LINE LONG LIFE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,0 x 22,23	A 24 V-BF41 INOX	25	66252831036	###,##
	2,5 x 22,23	A 24 V-BF41 INOX	25	66252829283	###,##
125	2,0 x 22,23	A 24 V-BF41 INOX	25	66252829287	###,##
	2,5 x 22,23	A 24 V-BF41 INOX	25	66252918947	###,##
150	2,0 x 22,23	A 24 V-BF41 INOX	25	66252920020	###,##
	2,5 x 22,23	A 24 V-BF41 INOX	25	66252918949	###,##
180	2,0 x 22,23	A 24 V-BF41 INOX	25	66252919163	###,##
	2,5 x 22,23	A 24 V-BF41 INOX	25	66252831060	###,##
230	2,0 x 22,23	A 24 V-BF41 INOX	25	66252832614	###,##
	2,5 x 22,23	A 24 V-BF41 INOX	25	66252829288	###,##



- Hard grade wheel for long life on inox
- Get more use out of one wheel and reduce total abrasive cost
- Coarse aluminium oxide grit cuts fast throughout wheel life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## INDUSTRIAL LINE LONG LIFE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,0 x 22,23	A 30 V-BF41 EXTRA	25	66252950746	###,##
	2,5 x 22,23	A 30 V-BF41 EXTRA	25	66252919980	###,##
125	2,0 x 22,23	A 30 V-BF41 EXTRA	25	66252950747	###,##
	2,5 x 22,23	A 30 V-BF41 EXTRA	25	66252920008	###,##
150	2,0 x 22,23	A 30 V-BF41 EXTRA	25	66252920021	###,##
	2,5 x 22,23	A 30 V-BF41 EXTRA	25	66252920022	###,##
180	2,0 x 22,23	A 30 V-BF41 EXTRA	25	66252832610	###,##
	2,5 x 22,23	A 30 V-BF41 EXTRA	25	66252920043	###,##
230	2,0 x 22,23	A 30 V-BF41 EXTRA	25	66252829290	###,##
	2,5 x 22,23	A 30 V-BF41 EXTRA	25	66252829289	###,##



- Hard grade wheel cuts for longer on steel, reducing downtime and increasing productivity
- 2-2,5mm wheel thickness provides extra cutting stability in demanding operations

# INDUSTRIAL LINE CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## CUTTING – BF 41



- Medium grade hardness and grain make this wheel ideal for general cutting on all machines
- Good results on steel and inox
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	2,5 x 16,0	A 30 S-BF41	25	66252829280	###,##
115	2,0 x 22,23	A 30 S-BF41	25	66252920392*	###,##
	2,5 x 22,23	A 30 S-BF41	25	66252950914	###,##
125	2,0 x 22,23	A 30 S-BF41	25	66252920003	###,##
	2,5 x 22,23	A 30 S-BF41	25	66252920476	###,##
150	2,5 x 22,23	A 30 S-BF41	25	66252918948	###,##
180	2,0 x 22,23	A 30 S-BF41	25	66252919160	###,##
	2,5 x 22,23	A 30 S-BF41	25	66252829685	###,##
230	2,0 x 22,23	A 30 S-BF41	25	66252832613	###,##
	2,5 x 22,23	A 30 S-BF41	25	66252831080	###,##

\* Made-to-order



- Unique grain and bond combination for excellent performance on aluminium
- This bond system prevents loading and does not glaze during cutting for longer product life
- Free of iron, sulphur and chlorine, so does not contaminate the workpiece

### INDUSTRIAL LINE ALU



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	1,0 x 22,23	A 60 Q-BF41	25	66252832590	###,##
	1,6 x 22,23	A 46 Q-BF41	25	66252832919	###,##
	2,5 x 22,23	A 36 Q-BF41	25	66252918923	###,##
125	1,0 x 22,23	A 60 Q-BF41	25	66252832598	###,##
	1,6 x 22,23	A 46 Q-BF41	25	66252951061	###,##
	2,5 x 22,23	A 36 Q-BF41	25	66252829286	###,##
150	2,5 x 22,23	A 36 Q-BF41	25	66252920029	###,##
180	1,6 x 22,23	A 46 Q-BF41	25	66252832925	###,##
	2,5 x 22,23	A 36 Q-BF41	25	66252833020	###,##
	1,9 x 22,23	A 46 Q-BF41	25	66252832924	###,##
230	2,5 x 22,23	A 36 Q-BF41	25	66252833021	###,##



- For cutting stone and cast iron
- Sharp silicon carbide grain cuts fast requiring less pressure when in use
- 3mm wheel thickness optimizes cutting performance

### INDUSTRIAL LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	3,0 x 22,23	C 30 S-BF41	25	66252918959	###,##
125	3,0 x 22,23	C 30 S-BF41	25	66252918960	###,##
150	3,0 x 22,23	C 30 S-BF41	25	66252918827	###,##
180	3,0 x 22,23	C 30 S-BF41	25	66252829662	###,##
230	3,0 x 22,23	C 30 S-BF41	25	66252950760	###,##



## CUTTING – BF 42

### INDUSTRIAL LINE LONG LIFE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,5 x 22,23	A 30 V-BF42 EXTRA	25	66252832551	###,##
125	2,5 x 22,23	A 30 V-BF42 EXTRA	25	66252832553	###,##
150	2,5 x 22,23	A 30 V-BF42 EXTRA	25	66252833007	###,##
180	2,5 x 22,23	A 30 V-BF42 EXTRA	25	66252832559	###,##
230	2,5 x 22,23	A 30 V-BF42 EXTRA	25	66252831194	###,##



- Hard grade wheel cuts for longer on steel, reducing downtime and cost, by increasing productivity
- 2mm and 2,5mm wheel thickness provides extra cutting stability

### INDUSTRIAL LINE LONG LIFE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	2,5 x 16,0	A 24 V-BF42 INOX	25	66252919004	###,##
115	2,5 x 22,23	A 24 V-BF42 INOX	25	66252831164	###,##
	3,0 x 22,23	A 24 V-BF42 INOX	25	66252831169	###,##
125	2,0 x 22,23	A 24 V-BF42 INOX	25	66252919655	###,##
	2,5 x 22,23	A 24 V-BF42 INOX	25	66252831174	###,##
	3,0 x 22,23	A 24 V-BF42 INOX	25	66252831178	###,##
150	2,5 x 22,23	A 24 V-BF42 INOX	25	66252833234	###,##
180	2,0 x 22,23	A 24 V-BF42 INOX	25	66252919675	###,##
	2,5 x 22,23	A 24 V-BF42 INOX	25	66252833009	###,##
	3,0 x 22,23	A 24 V-BF42 INOX	25	66252831188	###,##
230	2,0 x 22,23	A 24 V-BF42 INOX	25	66252950740	###,##
	2,5 x 22,23	A 24 V-BF42 INOX	25	66252832566	###,##
	3,4 x 22,23	A 24 V-BF42 INOX	25	66252831197	###,##



- Hard grade wheel for long life on inox
- Get more use out of one wheel and reduce total abrasive cost
- Coarse aluminium oxide grit cuts fast throughout wheel life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	3,4 x 16,0	A 30 S-BF42	25	66252831155	###,##
115	3,4 x 22,23	A 30 S-BF42	25	66252831167	###,##
125	3,4 x 22,23	A 30 S-BF42	25	66252831176	###,##
150	3,4 x 22,23	A 30 S-BF42	25	66252832557	###,##
180	3,4 x 22,23	A 30 S-BF42	25	66252831186	###,##
230	3,4 x 22,23	A 30 S-BF42	25	66252831198	###,##



- Medium grade hardness makes this wheel ideal for general cutting on different machine powers
- Good results on steel and inox
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

# INDUSTRIAL LINE CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

### CUTTING – BF 42



- Unique grain and bond combination for excellent performance on aluminium
- Bond system prevents loading and wheel does not glaze during grinding for longer product life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE ALU



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	3,0 x 22,23	A 36 Q-BF42	25	66252950734	###,##
125	3,0 x 22,23	A 36 Q-BF42	25	66252950736	###,##
180	3,0 x 22,23	A 36 Q-BF42	25	66252832892	###,##



- For cutting stone and cast iron
- Sharp silicon carbide grain cuts fast requiring less pressure when in use
- 3mm wheel thickness optimizes cutting performance

### INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	3,4 x 22,23	C 30 T-BF42	25	66252833002	###,##
125	3,4 x 22,23	C 30 T-BF42	25	66252833003	###,##
230	3,4 x 22,23	C 30 T-BF42	25	66252831199	###,##





**SPEEDOFLEX**

# SPEEDOFLEX CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

### GRINDING – BF 27

#### SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	6,4 x 22,23	A 24/30 RS-BF27	10	66252829195	###,##
125	6,4 x 22,23	A 24/30 RS-BF27	10	66252829512	###,##
180	6,4 x 22,23	A 24/30 RS-BF27	10	66252829231	###,##
230	6,4 x 22,23	A 24/30 RS-BF27	10	66252829257	###,##



- Coarse grain provides good grinding performance on steel
- Iron free so will not contaminate the workpiece

#### SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	6,4 x 22,23	A 24/30 Q-BF27	10	66252832575	###,##
125	6,4 x 22,23	A 24/30 Q-BF27	10	66252832577	###,##
150	6,4 x 22,23	A 24/30 Q-BF27	10	66252832579	###,##
180	6,4 x 22,23	A 24/30 Q-BF27	10	66252832581	###,##
230	6,4 x 22,23	A 24/30 Q-BF27	10	66252919152	###,##



- Medium grade hardness for good grinding performance on steel and inox
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

# SPEEDOFLEX CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## CUTTING – BF 41



- Ultra thin wheels for a more precise cut through steel and inox
- Hard grade wheel for durability in use
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

### SPEEDOFLEX INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	1,0 x 22,23	A 46/60 V-BF41 INOX	25	66252832591	###,##
	1,6 x 22,23	A 30/46 V-BF41 INOX	25	66252832596	###,##
125	1,0 x 22,23	A 46/60 V-BF41 INOX	25	66252832600	###,##
	1,6 x 22,23	A 30/46 V-BF41 INOX	25	66252832388	###,##
150	1,6 x 22,23	A 30/46 V-BF41 INOX	25	66252920018	###,##
180	1,6 x 22,23	A 30/46 V-BF41 INOX	25	66252832608	###,##
230	1,9 x 22,23	A 30/46 V-BF41 INOX	25	66252832611	###,##



- Wheel thickness of 2 - 2,5mm and coarse grain for a fast and stable cut on steel and inox
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

### SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,0 x 22,23	A 24/30 S-BF41	25	66252832597	###,##
125	2,0 x 22,23	A 24/30 S-BF41	25	66252832604	###,##
	2,5 x 22,23	A 24/30 S-BF41	25	66252920012	###,##
150	2,5 x 22,23	A 24/30 S-BF41	25	66252920027	###,##
180	2,0 x 22,23	A 24/30 S-BF41	25	66252832609	###,##
230	2,0 x 22,23	A 24/30 S-BF41	25	66252832612	###,##
	2,5 x 22,23	A 24/30 S-BF41	25	66252833274	###,##



- Coarse grain with medium hardness for good grinding performance on steel

### SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	2,5 x 16,0	A 24/30 RS-BF41	25	66252919959	###,##
115	2,5 x 22,23	A 24/30 RS-BF41	25	66252829423	###,##
	3,0 x 22,23	A 24/30 RS-BF41	25	66252919985	###,##
125	2,5 x 22,23	A 24/30 RS-BF41	25	66252950812	###,##
	3,0 x 22,23	A 24/30 RS-BF41	25	66252920016	###,##
150	2,5 x 22,23	A 24/30 RS-BF41	25	66252920026	###,##
180	2,5 x 22,23	A 24/30 RS-BF41	25	66252950813	###,##
	3,0 x 22,23	A 24/30 RS-BF41	25	66252920046	###,##
230	2,5 x 22,23	A 24/30 RS-BF41	25	66252950815	###,##
	3,0 x 22,23	A 24/30 RS-BF41	25	66252920071	###,##

## CUTTING – BF 42

### SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	2,5 x 22,23	A 24/30 S-BF42	25	66252832552	###,##
125	2,5 x 22,23	A 24/30 S-BF42	25	66252832554	###,##
230	2,5 x 22,23	A 24/30 S-BF42	25	66252832571	###,##
	3,0 x 22,23	A 24/30 S-BF42	25	66252832568	###,##



- Coarse grain with medium hardness for good grinding performance on steel and inox
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

### SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
100	3,0 x 16,0	A 24/30 RS-BF42	25	66252831156	###,##
115	3,0 x 22,23	A 24/30 RS-BF42	25	66252831168	###,##
125	3,0 x 22,23	A 24/30 RS-BF42	25	66252829414	###,##
150	3,0 x 22,23	A 24/30 RS-BF42	25	66252832578	###,##
180	3,0 x 22,23	A 24/30 RS-BF42	25	66252831187	###,##
230	3,0 x 22,23	A 24/30 RS-BF42	25	66252831204	###,##



- Medium grade hardness for good performance on inox
- Iron free so will not contaminate the workpiece





## SMALL DIAMETER WHEELS

### GRINDING – BF 27



- Small diameter wheels are ideal for grinding hard to reach or small areas
- Medium grade for general use on steel and inox
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

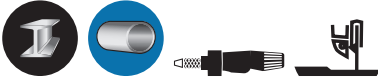
### INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
76	4,5 x 10,0	A 30 S-BF27	50	66252919030	###,##
	7,0 x 10,0	A 30 S-BF27	50	66252829279	###,##

## CUTTING – BF 41

### INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
76	2,0 x 8,0	A 30 S-BF41	100	66252919947	###,##
	2,0 x 10,0	A 30 S-BF41	100	66252950745	###,##



- Small cutting wheel for hard to reach or small areas
- Medium grade for general use on steel and inox
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE THIN CUT



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
76	1,0 x 6,0	A 60 T-BF41	100	66252919378	###,##
	1,0 x 10,0	A 60 T-BF41	100	66252833014	###,##
	1,6 x 10,0	A 46 T-BF41	100	66252833237	###,##



- Ultra thin thickness for a precise, burr-free cut
- Hard grade wheel for a stable cut on steel and inox
- Free of iron, sulphur and chlorine so will not contaminate the workpiece





## FOUNDRY

### GRINDING – BF 27

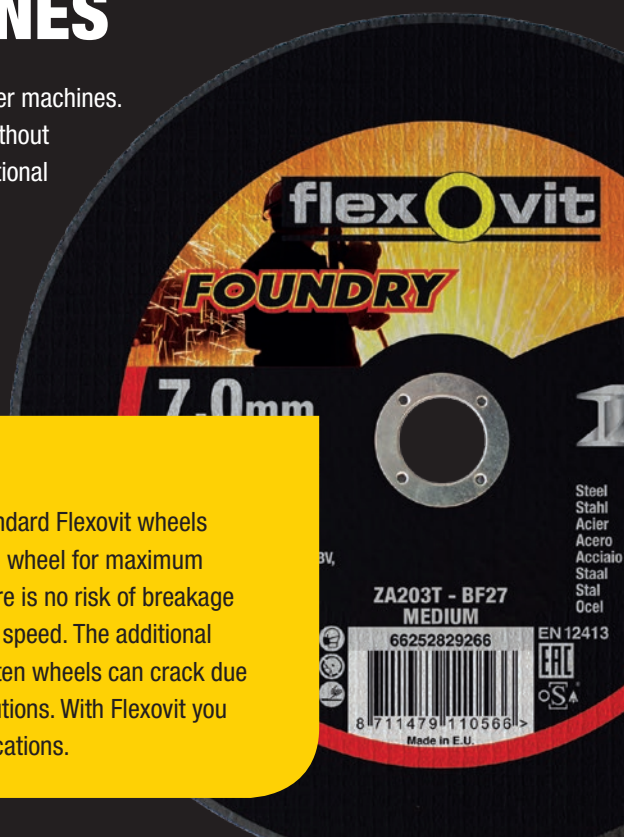
## HIGH POWER WHEELS FOR HIGH POWER MACHINES

**FOUNDRY**

Flexovit Foundry grinding wheels are optimized for high power machines. This means they can be used under the greatest pressure without the risk of breakage when side pressure is applied. The additional reinforcements mean the wheels will withstand the toughest cutting and grinding applications. We recommend Flexovit Foundry wheels to be used with high frequency machines. On regular power machines, standard reinforced wheels are sufficient.

### FLEXOVIT FOUNDRY

Additional reinforcement in Foundry wheels compared to standard Flexovit wheels means that there are four layers of glass fibre built inside the wheel for maximum strength, so when extra pressure is applied to the wheel, there is no risk of breakage due to the higher machine frequency which maintains a high speed. The additional reinforcement also supports safe use under low pressure. Often wheels can crack due to the abrasive becoming fatigued with high frequency revolutions. With Flexovit you can rest assured wheels are safe for use in all Foundry applications.



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
230	7,0 x 22,23	ZA 203 T-BF27 HF	10	66252829266	###,##



## FOUNDRY ZA 203 R



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
115	7,0 x 22,23	ZA 203 R-BF27	10	66252829207	###,##
125	7,0 x 22,23	ZA 203 R-BF27	10	66252829222	###,##
180	7,0 x 22,23	ZA 203 R-BF27 HF	10	66252829247	###,##
230	7,0 x 22,23	ZA 203 R-BF27 HF	10	66252832573	###,##



- Hardness: medium
- For steel/nodular and grey cast iron
- For high frequency machines with power > 3kW

## FOUNDRY ZA 24 R INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
180	7,5 x 22,23	ZA 24 R-BF27 INOX HF	10	66252833222	###,##
230	7,5 x 22,23	ZA 24 R-BF27 INOX HF	10	66252832955	###,##



- Hardness: medium
- For stainless steel/inox/modular and grey cast iron
- For high frequency machines with power > 3kW
- Free of iron, sulphur and chlorine, does not contaminate the workpiece

## FOUNDRY ZA 30 S



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
230	4,0 x 22,23	ZA 30 S-BF27	20	66252919708	###,##
	4,5 x 22,23	ZA 30 S-BF27	20	66252829252	###,##
	5,0 x 22,23	ZA 30 S-BF27	10	66252919711	###,##



- Hardness: medium
- For steel/nodular and grey cast iron

## FOUNDRY ZA 24 R INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
180	7,0 x 22,23	ZA 24 R-BF27 INOX	10	66252919690	###,##



- Hardness: soft
- For stainless steel/inox/nodular and grey cast iron
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

## CUTTING – BF 41 & BF 42



- Hardness: hard
- For nodular and grey cast iron

### FOUNDRY ZA 203 T



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
230	3,4 x 22,23	ZA 203 T-BF42	25	66252950768	###,##



- Hardness: medium
- For nodular and grey cast iron

### FOUNDRY ZA 30 S



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
230	3,4 x 22,23	ZA 30 S-BF41	25	66252831082	###,##



- Hardness: medium
- Combination of zirconia, aluminium oxide and silicon carbide grain
- For castings with sand
- For steel/cast sand/white and grey cast iron

### FOUNDRY ZAC 24 S



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
230	2,5 x 22,23	ZAC 24 S-BF41	25	66252919222	###,##
	3,0 x 22,23	ZAC 24 S-BF41	25	66252920075	###,##
	3,4 x 22,23	ZAC 24 S-BF42	25	66252829573	###,##



- Hardness: soft
- For nodular and grey cast iron

### FOUNDRY ZA 24 R



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
230	3,4 x 22,23	ZA 24 R-BF42	25	66252831201	###,##

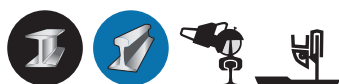
# RAIL

## CUTTING – BF 41

### SPEED UP YOUR CUTTING

#### FLEXOVIT MAXX3 RAIL

Flexovit is the performance brand in rail cutting. For more than 60 years Flexovit has worked hard to understand the needs of the rail industry, monitoring developments in machines, materials and trends in the market. As a result of listening to those who work daily in the industry, we introduce Flexovit Maxx3 Rail. These wheels have been specially developed with ceramic grain for the ultimate cutting performance on tracks, increasing productivity, saving time and reducing cost. Above all, the additional reinforcements inside the wheels make these the safest in the industry.



#### WORLD'S 1st CERAMIC RAIL DISCS!

#### CERAMIC TECHNOLOGY

DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
356	4,0 x 22,23	NQ 24 Q-T41	10	66252845403	###,##
	4,0 x 25,4	NQ 24 Q-T41	10	66252845404	###,##
406	4,0 x 22,23	NQ 24 Q-T41	10	66252846335	###,##
	4,0 x 25,4	NQ 24 Q-T41	10	66252846337	###,##

## ZIRCONIA



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
356	4,0 x 22,23	ZA 24 P-BF41/41	10	66252833766	###,##
	4,0 x 25,4	ZA 24 P-BF41/41	10	66252833605*	###,##
406	4,0 x 25,4	ZA 24 P-BF41/41	10	66252833607	###,##

\* Made-to-order



- Zirconia and aluminium oxide grain blend for long life, stable cut and reduced vibration for a more comfortable cutting experience



- Hardness: medium
- Provides a straight cut without burn
- Coarse grain for fast cutting
- For petrol and electric rail cutting machines with clamping device

## RAIL CUT

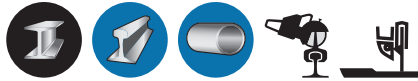


DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
300	3,5 x 22,23	A 24 Q-BF41/80	10	66252920091	###,##
356	4,0 x 20,0	A 24 Q-BF41/100	10	66252920149	###,##
	4,0 x 22,23	A 24 Q-BF41/100	10	66252921826	###,##
	4,0 x 25,4	A 24 Q-BF41/100	10	66252832796	###,##
406	4,0 x 25,4	A 24 Q-BF41/100	10	66252832954	###,##



- Hardness: soft
- Iron free
- Soft grade cuts quickly through softer metal types
- Coarse grain for fast cutting
- For petrol and electric rail cutting machines with clamping device

## RAIL CUT



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
300	3,5 x 22,23	A 24 P-BF41/80	10	66252920090	###,##
356	4,0 x 25,4	A 24 P-BF41/100	10	66252833233	###,##
406	4,0 x 25,4	A 24 P-BF41/100	10	66252920164	###,##



- Hardness: hard
- Zirconia and aluminium oxide grain blend for long life, stable cut and reduced vibration for a more comfortable cutting experience
- Get more cuts with longer wheel life from the hard grade wheel on hard material
- For petrol and electric rail cutting machines with clamping device

## RAIL CUT



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.	PRICE
300	3,5 x 22,23	ZA 24 Q-BF41/80	10	66252920092	###,##
356	4,0 x 22,23	ZA 24 Q-BF41/100	10	66252920150	###,##
	4,0 x 25,4	ZA 24 Q-BF41/100	10	66252833001	###,##
406	4,0 x 25,4	ZA 24 Q-BF41/100	10	66252833112	###,##

# LARGE DIAMETER WHEELS

## PETROL SAWS – BF 41

### INDUSTRIAL LINE



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
300	3,5 x 20,0	A 30 S-BF41	80	10	66252918950	###,##
	3,5 x 22,23	A 30 S-BF41		10	66252918951	###,##
	3,5 x 25,4	A 30 S-BF41		10	66252918952	###,##
356	4,0 x 20,0	A 30 S-BF41	100	10	66252920154	###,##
	4,0 x 22,23	A 30 S-BF41		10	66252920155	###,##
	4,0 x 25,4	A 30 S-BF41		10	66252918956	###,##



- Good wheel life on steel and inox, increases productivity and reduces overall abrasive cost
- Fast cutting through steel and inox for reduced process time and overall abrasive cost
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

### INDUSTRIAL LINE



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
300	3,5 x 20,0	C 30 S-BF41	80	10	66252951158	###,##
	3,5 x 22,23	C 30 S-BF41		10	66252951156	###,##
	3,5 x 25,4	C 30 S-BF41		10	66252951157	###,##
356	4,0 x 20,0	C 30 S-BF41	100	10	66252920237	###,##
	4,0 x 22,23	C 30 S-BF41		10	66252920238*	###,##
	4,0 x 25,4	C 30 S-BF41		10	66252918961	###,##

\* Made-to-order



- Silicon Carbide grain for fast cut through stone and cast iron
- Good wheel life increases productivity and reduces overall abrasive cost
- Iron free so will not contaminate the workpiece

# LARGE DIAMETER WHEELS

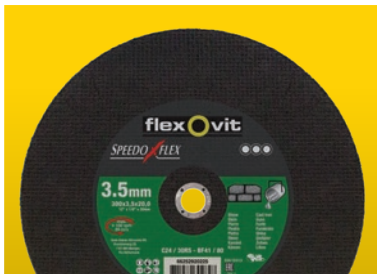


- Good wheel life on steel and inox, increases productivity and reduces overall abrasive cost
- Fast cutting through steel and inox for reduced process time and overall abrasive cost

## SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
300	3,5 x 20,0	A 24/30 S-BF41	80	10	66252920115	###,##
	3,5 x 22,23	A 24/30 S-BF41		10	66252831103	###,##
	3,5 x 25,4	A 24/30 S-BF41		10	66252833022	###,##



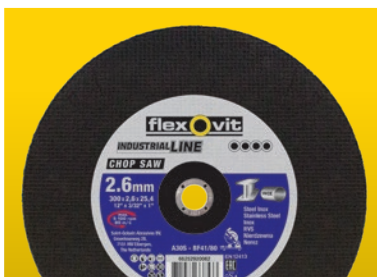
- Silicon Carbide grain for fast cut through stone and cast iron
- Good wheel life increases productivity and reduces overall abrasive cost

## SPEEDOFLEX



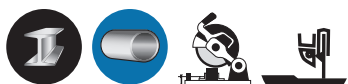
DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
300	3,5 x 20,0	C 24/30 RS-BF41	80	10	66252920225	###,##
	3,5 x 22,23	C 24/30 RS-BF41		10	66252833024	###,##

## CHOP SAWS – BF 41



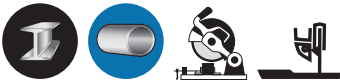
- Good wheel life on steel and inox, increases productivity and reduces overall abrasive cost
- Burn and burr-free cutting maintains workpiece integrity
- Very stable wheel for straight cutting results
- Designed for electric table and fixed machines
- Double reinforcement inside the wheel means it's extra safe when in use
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

## INDUSTRIAL LINE



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
300	2,6 x 25,4	A 30 S-BF41	80	10	66252920082	###,##
	2,6 x 32,0	A 30 S-BF41		10	66252920084	###,##
356	2,6 x 25,4	A 30 S-BF41	80	10	66252918953	###,##
	2,6 x 32,0	A 30 S-BF41		10	66252833057	###,##
406	3,2 x 25,4	A 30 S-BF41	80	10	66252918957	###,##
	3,2 x 32,0	A 30 S-BF41		10	69936617084	###,##

## SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
356	2,6 x 25,4	A 24/30 S-BF41	80	10	66252831130	###,##



- Good performance on steel and inox where reducing process time does not take precedence over cost
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

## RESCUE – BF 41

### RESCUE



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
300	4,0 x 25,4	AC 30 S-BF41	100	10	66252920112	###,##
356	4,0 x 25,4	AC 30 S-BF41		10	66252920158	###,##
406	4,5 x 25,4	AC 30 S-BF41		10	66252920179	###,##



- Combination of aluminium oxide & silicon carbide grain for fast cutting through many materials
- Extremely strong reinforcements ensure stability and safety
- Designed for most demanding operations
- Designed for powerful portable petrol cutting machines

## STATIONARY MACHINES – BF 41

### INDUSTRIAL LINE



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.	PRICE
300	3,5 x 25,4	A 30 S-BF41/80	80	10	66252920098	###,##
	3,5 x 32,0	A 30 S-BF41/80		10	66252920100	###,##
356	3,5 x 25,4	A 30 S-BF41/80		10	66252918954	###,##
406	4,0 x 25,4	A 30 S-BF41/80		10	66252920168	###,##
	4,0 x 32,0	A 30 S-BF41/80		10	66252832996	###,##
	4,0 x 40,0	A 30 S-BF41/80		10	66252920169	###,##






- Good wheel life increases productivity and reduces overall abrasive cost
- Burn and burr-free cutting reduces the need for rework
- Highly stable wheel for straight cutting
- Free of iron, sulphur and chlorine so will not contaminate the workpiece

# TECHNICAL INFORMATION









## PRODUCT SPECIFICATION

Type of Abrasive A	Grit size 30			Hardness Grade S			Type of Bond BF27
	Coarse	Medium	Fine	Soft	Medium	Hard	
A = Aluminium Oxide	16	30	80	N	Q	T	B = Bakelite/ Resinoid bond
C = Silicon Carbide	20	to	to	O	R	U	BF = Bakelite and glass fibre reinforcement
Z = Zirconia Alumina	24	60	100	P	S	V	
NQ = Ceramic							

## SHAPE SPECIFICATION

BF 27	BF 41	BF 42
		
Depressed centre grinding wheels, thickness from 2,2-10mm, Available in diameters 76-230mm for hand-held machines	Flat cutting-off wheels. Available in diameters 76-406mm for hand-held machines and 300-406mm for stationery machines	Depressed centre cutting-off wheels. Available in diameters 76-230mm
<b>APPLICATION: GRINDING</b>	<b>APPLICATION: CUTTING-OFF</b>	<b>APPLICATION: CUTTING-OFF</b>

## MACHINE PICTOGRAMS

							
Cutting-off	Grinding	Straight Grinder	Angle Grinder	Petrol Saw with clamping device (Rail)	Petrol Saw	Chop Saw	Stationary Machine

## OPERATING SPEEDS

Flexovit products are designed and tested for certain applications and operating speeds. Choose a wheel suitable for the application material. Suitable materials are indicated on the wheel label. For a comprehensive list please refer to Selecting the Right Product chart on page 10. Before mounting the grinding or cutting-off wheel on the machine, ensure that the operating speed of the machine does not exceed the maximum operating speed as it is marked on the product.

### SPEED CONVERSION FOLLOWING EN 12413

Wheel diameter (mm)	Maximum peripheral operating speed in m/s		
	63	80	100
76	15850	20150	25150
100/102	12100	15300	19100
115	10500	13300	16650
125	9650	12250	15300
150/152	8050	10200	12700
180	6700	8500	10650
230	5250	6650	8350
250/254	4850	6150	7650
300/305	4050	5100	6400
350/356	3450	4400	5500
400/406	3050	3850	4800

All figures are maximum operating speeds in RPM



# GETTING THE BEST FROM YOUR CUTTING DISCS & GRINDING WHEELS

- Decide which material is cut most and that you select the most suitable Flexovit wheel in accordance with the application chart in this chapter. To use the right wheel for the right material is very important for the life and cutting/grinding behaviour of the wheel.
- Check if the machine is operating correctly and that the machine does not exceed the speed that is indicated on the wheel.
- Use the wheel at the recommended speed indicated on the wheel and the maximum operating speed chart that you will find later in this chapter.

The troubleshooting guide can easily help you recognise and solve problems.

## TROUBLESHOOTING CUTTING OFF WHEELS

Wheel does not cut	
<b>Cause</b>	In case of blue cutting: wheel too hard or too thick
<b>Solution</b>	Use softer or Flexovit Thin Cut wheels, check peripheral speed
<b>Cause</b>	Peripheral speed too low
<b>Solution</b>	Increase rpm up to max. (80m/s)
Excessive wear	
<b>Cause</b>	In case of white cutting edge: wheel too soft
<b>Solution</b>	Use harder wheel
<b>Cause</b>	Operating speed too low
<b>Solution</b>	Increase rpm up to max (80m/s)
<b>Cause</b>	Decrease of rpm during cutting
<b>Solution</b>	Use machine with more power, reduce pressure on the machine
Crumbled wheel edge	
<b>Cause</b>	Cutting-off wheel used for grinding operations
<b>Solution</b>	Use a grinding wheel for grinding operations
<b>Cause</b>	Workpiece is moving
<b>Solution</b>	Clamp the workpiece properly
<b>Cause</b>	Too much side-pressure
<b>Solution</b>	Add only the radial pressure to the wheel
Arborhole or centre break out	
<b>Cause</b>	Wheel sticks in the workpiece/material
<b>Solution</b>	Use more radial pressure and swing the wheel forwards and backwards
<b>Cause</b>	Cutting-off wheel used for grinding operations
<b>Solution</b>	Use a grinding wheel for grinding operations
<b>Cause</b>	Too much side pressure
<b>Solution</b>	Add only the radial pressure to the wheel
<b>Cause</b>	Different diameter top/bottom flange
<b>Solution</b>	Use flanges with the same diameter

## TROUBLESHOOTING GRINDING WHEELS

Wheel does not grind	
<b>Cause</b>	Wheel too hard, wheelglazing
<b>Solution</b>	Use softer wheel
<b>Cause</b>	Not enough pressure
<b>Solution</b>	Increase pressure
<b>Cause</b>	Machine power too low
<b>Solution</b>	Use machine with more power
<b>Cause</b>	Loading and wheelglazing (non-ferrous)
<b>Solution</b>	Use Flexovit Alu wheels which counteracts loading and wheelglazing
Excessive wheelwear	
<b>Cause</b>	Wheel too soft
<b>Solution</b>	Use harder wheel
<b>Cause</b>	Too much pressure
<b>Solution</b>	Reduce pressure, let the wheel do the grinding
<b>Cause</b>	Decrease of peripheral speed
<b>Solution</b>	Use machine with more power, reduce pressure on the machine
<b>Cause</b>	Too low peripheral speed
<b>Solution</b>	Max. 80m/s is optimum speed
Crumbled wheel edge	
<b>Cause</b>	Grinding angle too flat
<b>Solution</b>	Change angle to 30 - 40°
<b>Cause</b>	Workpiece is moving
<b>Solution</b>	Clamp the workpiece properly
<b>Cause</b>	Too much pressure
<b>Solution</b>	Reduce pressure, let the wheel do the grinding
Cracks on the bottom of the wheel	
<b>Cause</b>	Contact area too large
<b>Solution</b>	Reduce contact area
<b>Cause</b>	Too much pressure
<b>Solution</b>	Reduce pressure, let the wheel do the grinding
Unbalance	
<b>Cause</b>	Dirty flanges
<b>Solution</b>	Clean flanges
<b>Cause</b>	Wheel mounting insecure
<b>Solution</b>	Tighten flanges
<b>Cause</b>	Flanges with different diameter
<b>Solution</b>	Replace flanges

# SAFETY ADVICE

## WORKPLACE CONDITIONS

Safe operations depend on a clean and tidy working environment. Adequate working space, good lighting and heating should be available. All relevant local, national and international regulations must be followed.

## INSTRUCTIONS FOR USE

Cutting-off and grinding wheels should only be used for materials they are suitable for. This is shown by means of pictograms on the product, on the packaging and in the catalogue.

## CUTTING-OFF

When cutting-off, keep the wheel straight in the cut and add only radial pressure to the wheel.

## GRINDING

When grinding keep the wheel at an angle of 30 degrees and up to the work piece.

## PERSONAL PROTECTION

Safety goggles, ear defenders, safety gloves, dust masks and, if conditions are severe, additional face protection. Leather aprons and safety shoes must be worn.

## PERSONAL PROTECTION

						
Mouth Protection	Wear Gloves	Eye Protection	Ear Protection	Read Instruction	Not for Side Grinding	Do not use Damaged Wheel

## PROTECTION OF THE WORKPIECE

Hand-held grinders should be used in such a manner that sparks fly away from the operators body and any flammable material.

## SAFETY GUARDS

The wheel guard of the machine must be in position and securely fixed.

## STOPPING THE MACHINE

Switch off the machine and allow the wheel to stop completely before placing it on a bench or on the floor. Never bring the wheel to rest by applying pressure to the wheel surface.



# SAFETY ADVICE DO'S & DON'TS

<b>DO'S</b>	For your safety you should ensure that you are fully aware of how to safely use diamond blades
✓	<b>DO</b> Always handle and store wheels carefully. Cutting-off wheels should be stacked horizontally and flat, preferably on a steel base plate. Depressed centre wheels should be placed on top of each other or stored in the original packaging.
✓	<b>DO</b> Always visually inspect all wheels before mounting for possible damage in transit.
✓	<b>DO</b> Always use a safety guard and ensure that it is correctly positioned and securely fitted. It should cover at least one half of the wheel and protect the operator in the unlikely event of a wheel breakage. <b>NON-REINFORCED CUTTING-OFF WHEELS SHOULD ONLY BE USED ON FIXED MACHINES AND SHOULD BE CORRECTLY GUARDED.</b>
✓	<b>DO</b> Always switch 'OFF' the power at supply source and/or remove the plug from the socket before changing the wheel
✓	<b>DO</b> Always use the tools supplied by the machine manufacturer to change the wheel
✓	<b>DO</b> Always ensure that the spindle speed of the machine does not exceed the operating speed marked on the wheel.
✓	<b>DO</b> Always use the correct wheel mounting flanges and ensure that they are undamaged, clean and free from burrs
✓	<b>DO</b> SEE EN 12413.
✓	<b>DO</b> Allow newly mounted wheels to run at operating speed, with the guard in place, for a reasonable time before cutting or grinding.
✓	<b>DO</b> Always wear appropriate safety clothing such as EYE PROTECTION, DUST MASK, GLOVES, EAR PROTECTION, OVERALLS AND SAFETY SHOES
✓	<b>DO</b> Always have machine speeds checked regularly, especially after maintenance or repair. Machines fitted with speed control devices (Governors), must be properly maintained at all times.
✓	<b>DO</b> Check tension of driving belts, where fitted, on a regular basis. Belts must be kept tight to ensure full power transmission.
✓	<b>DO</b> Always secure the workpiece firmly while it is being cut or ground.
✓	<b>DO</b> Put portable machines in suitable cradles, when not being used, to avoid damage to the wheel.
✓	<b>DO</b> Always use a portable machine in a comfortable position, where the workpiece is well balanced and the machine is well supported.
✓	<b>DO</b> Grind at an angle above 30 degrees to the workpiece with a depressed centre grinding wheel.
✓	<b>DO</b> Keep the working area around cutting and grinding operations clear. It is very dangerous if an operator trips and falls with an operating machine in his hands.

<b>DON'TS</b>	For your safety you should ensure that you are fully aware of how to safely use diamond blades
✗	<b>DON'T</b> Handle wheels roughly.
✗	<b>DON'T</b> Use non-reinforced cutting-off wheels on portable machines.
✗	<b>DON'T</b> Store wheels in a damp atmosphere or in extreme temperatures.
✗	<b>DON'T</b> Mount a damaged wheel.
✗	<b>DON'T</b> EVER exceed the maximum operating speed marked on the wheel.
✗	<b>DON'T</b> Force a wheel onto a machine spindle.
✗	<b>DON'T</b> Use mounting flanges which are incorrect, damaged, dirty or burred.
✗	<b>DON'T</b> Tighten the mounting nut or locking flange excessively. To do so can distort the flanges.
✗	<b>DON'T</b> Use blotters with depressed centre wheels less than or equal to 406mm (EN 12413).
✗	<b>DON'T</b> Use a machine which is not in good mechanical condition.
✗	<b>DON'T</b> Use a machine without a wheel guard.
✗	<b>DON'T</b> Use wheels without proper ventilation or dust protection equipment.
✗	<b>DON'T</b> Apply side pressure to cutting-off wheels. You should not bend the wheel.
✗	<b>DON'T</b> Stop the wheel by applying pressure to the periphery or face. Always switch the machine off and allow the wheel to stop revolving.
✗	<b>DON'T</b> Allow the wheel to be trapped or pinched in the cut.
✗	<b>DON'T</b> Apply excessive pressure onto the wheel so that the driving motor slows down.
✗	<b>DON'T</b> Grind on the side of cutting-off wheels or depressed centre wheels below 4,0mm thickness.
✗	<b>DON'T</b> Drop or lower a portable machine by the cable or airline onto the floor. A wheel can be easily cracked, if it is put down hard, by the weight of the machine. This is a common cause of wheel breakage.
✗	<b>DON'T</b> Grind with a depressed centre grinding wheel at an angle below 30 degrees to the workpiece.
✗	<b>DON'T</b> Use a machine in a position where you do not have full control of the machine and you are not well balanced.

# SAFETY ADVICE

## SAFETY IN THE STORAGE & USE OF CUTTING DISCS & GRINDING WHEELS

All cutting-off and grinding wheels are breakable and it is imperative that users take the appropriate precautions. Abrasive wheels that are damaged, improperly mounted or improperly used are dangerous and can cause serious injuries to any person in the vicinity. This section contains a summary of the most important precautions. Further safety recommendations can be found in the country laws, decrees and technical standards in the FEPA safety code (Federation of European Producers of Abrasives, [www.fepa-abrasives.org](http://www.fepa-abrasives.org)).

### SELECTION OF THE WHEEL

Carefully read the label or the information on the wheel and make sure that the wheel is suitable for the application and has the correct dimensions. Check that the max. rpm of the machine spindle on which you will mount the wheel never exceeds the max. rpm printed on the wheel label. Follow any restriction of use and any specific instruction which may be indicated on the wheel or on attached documents.

### INSPECTION & TEST BEFORE MOUNTING

Make sure that the instructions on the wheel and on the machine are compatible.

### VISUAL INSPECTION

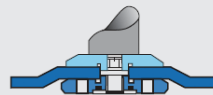
Carefully inspect the abrasive wheel: if it is damaged in any way do not use.

### SAFETY EQUIPMENT

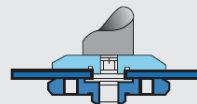
Before starting the cutting-off or grinding operation, the wheel guard must be in position and fixed securely. The wheel guard must be capable of catching broken wheel fragments effectively and capable of withstanding the impact caused by wheel breakage.

### MOUNTING OF THE GRINDING WHEEL & USE OF THE MOUNTING DEVICES

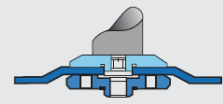
Only mount the wheels on machines designed for the operation. Never use force when mounting. Always use the mounting flanges supplied with the machine and ensure they are clean, never modify them in any way.



Type 27



Type 41



Type 42

## WHAT ARE THE BENEFITS OF GRINDING WHEEL VERSUS FLAP DISCS & FIBER DISCS FOR MATERIAL REMOVAL?

1

Grinding wheels will withstand more power and are more robust in use

2

Grinding wheels can be used on all sides, so you can use the full wheel

3

Grinding wheels are easy to mount, no backing pads, velcro etc. are needed

4

Grinding wheels, and especially combination discs (4,2mm) and Light Comfort grinding (LCG) discs (3,0) can easily be applied in corners, grooves and on sharp edges without damaging the wheel

5

Grinding wheels, and specifically combination discs (4,2mm) and Light Comfort Grinding discs are very light and comfortable to use

## COATED ABRASIVES

FOR INDUSTRIAL APPLICATIONS

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# COATED ABRASIVES

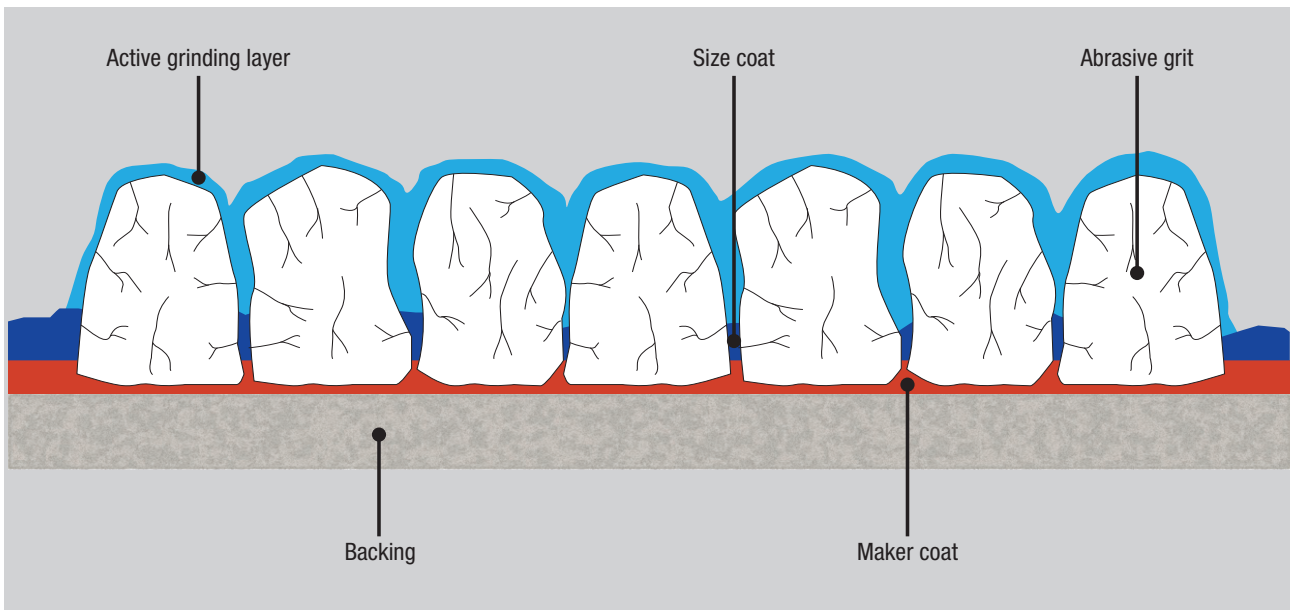
## INTRODUCTION

Flexovit has a range of belts, discs, rolls, sheets and flap wheels for applications including heavy stock removal, dimensioning, grinding, deburring, cleaning, blending and finishing operations.

### WHAT IS A COATED ABRASIVE?

When abrasive grain is strongly fixed to a flexible backing using adhesive, this is known as a 'coated' abrasive. The adhesive is applied with a minimum of two applications. The first, or 'maker' coat adheres the abrasive grain to the backing ensuring correct orientation. After curing, the second 'size' coat is applied. The sizer adhesive, united with the maker bond, provides final grain anchoring and the proper total adhesive level for the finished product.

Some products have an 'active grinding' layer, a third coating that enables cooler cutting to minimize burn marks on the workpiece and reduce the need for rework. A stearate layer is also applied to some products to provide resistance to loading. This is known as 'No-Fil® treatment'.



### ABRASIVE TYPES

The ideal abrasive grain offers maximum resistance to wear, yet fractures before serious dulling occurs, satisfying both stock removal and finishing requirements.

#### THE TYPES OF GRAIN MOST COMMONLY USED ARE:

**Aluminium oxide:** tough grain for grinding high tensile materials, such as carbon steel, alloy steels, tough bronze and hard woods. Wherever toughness (ability to resist fracturing) is the main consideration, aluminium oxide outperforms all other coated abrasive grains. A great solution for users looking for an affordable abrasive product.

**Zirconia alumina,** unique self-sharpening grain for long life on demanding stock removal and heavy grinding operations. Ideal for planing wood, due to the controlled fracturing of the grain, which continuously produces sharp abrasive points. Has an excellent price vs. performance ratio.





**Ceramic aluminium oxide** is a long-lasting, tough, dense abrasive due to its micro structure. The extremely small micron size particles break off during grinding, producing multiple new cutting edges. As it stays sharp, especially when used in medium and high pressure operations, it cuts at a higher rate than other abrasives. Recommended for use on harder materials such as forged and carbon steels, high nickel and cobalt alloys. The best solution for professional users sensible to high performance products and lower overall production cost.

### BACKING TYPES

Whether paper, cloth, vulcanised fibre, a cotton or polyester film, the backing must be smooth enough for uniform adhesive coating, strong enough to withstand grinding pressures and flexible enough to conform to contours (if necessary).

## ABRASIVE GRAIN TYPES

The ideal abrasive grain offers maximum resistance to wear, yet fractures before serious dulling occurs, to satisfy stock removal and finishing requirements.

GRAIN TYPE	BOND / TOUGHNESS	STRUCTURE	PROPERTIES / WEAR PROPERTIES
<b>SILICONE CARBIDE (SIC)</b>	Very hard / less tough	Crystalline	Sharp-edged, brittle, highly friable / micro wear 
<b>ALUMINIUM OXIDE</b>	Hard / tough	Crystalline, irregular	Wedge-shaped, block grain, even wear 
<b>ZIRCONIA ALUMINA</b>	Hard / very tough	Crystalline, even	Wedge-shaped, block, drop formed grit / micro wear, self-sharpening 
<b>CERAMIC ALUMINIUM OXIDE</b>	Hard / very tough	Micro crystalline	Sharp-edged, pointed grit / micro wear, self sharpening 

## FLEXBRITE NON-WOVEN ABRASIVES

Flexbrite is made using “non-woven” nylon fibers evenly impregnated with abrasive grain joined using synthetic resins. This structure forms a 3D abrasive material. Created as a finishing tool for operations where no material need be removed, it is particularly suitable for polishing, or to reduce the roughness of a surface. Flexbrite starts where other abrasives finish, for buffing, cleaning and finishing. Available with either silicon carbide or aluminium oxide grain, depending on the needs of the applications.

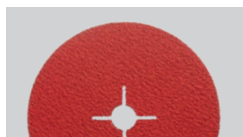
### WHY USE FLEXBRITE?

- Evenly wearing grain provides a consistent, uniform finish
- Open mesh structure enables heat and dust particles to escape instead of building up on the workpiece, reducing smearing, discolouration and costly rework
- One product can be used for multiple applications, reducing overall consumable cost
- Reduces loading for longer product life
- Can be used wet or dry for best performance
- Conforms to contours and irregular surfaces
- Won't remove or damage the baseline material, retaining part integrity when removing surface contaminants or burrs

These advantages make Flexbrite an excellent alternative to wire brushes and steel wool. Use Flexbrite products to produce eye catching finishes in a number of applications.

# INDEX BY PRODUCT TYPE

## DISCS



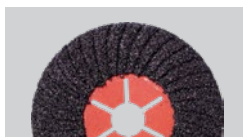
Fibre discs

**52**



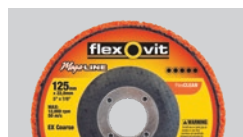
Flap discs

**56**



Fibreflex discs

**61**



Non-Woven discs

**63**



Surface blending discs

**67**



Quick change discs

**69**



Orbital sanding discs

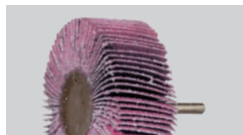
**79**



Floor pads

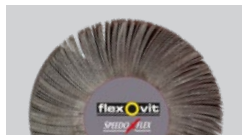
**87**

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Flap wheels - spindle mounted

**90**



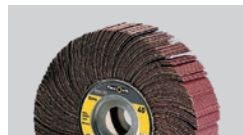
Flap wheels for angle grinders

**93**



Flap wheels for satinex machine

**94**



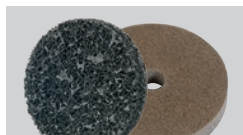
Flap wheels for bench/pedestal

**96**



Convolute wheels

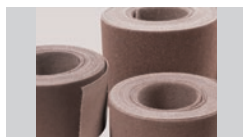
**98**



Flexclean & Flexfinish wheels

**99**

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FlexiMesh

**102**



Cloth rolls in a box

**104**



Paper & Cloth rolls

**107**



Flexbrite rolls

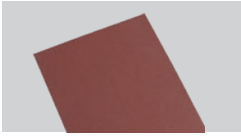
**110**



Soft rolls

**111**

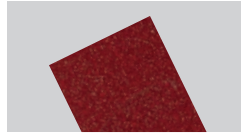


**SHEETS, SPONGES & HAND PADS**

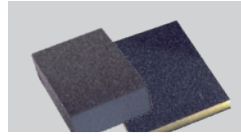
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Flexbrite hand pads **117**



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Abrasive sponges **122**

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Portable belts **126**



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







Cartridge rolls **137**





Spiral rolls **137**









# CUTTING-OFF & GRINDING WHEEL ICONS






## MATERIAL ICONS

							
Inox / Stainless Steel	Steel	Cast Iron	Non-Ferrous	Stone	Rail	Hard wood	Soft wood






	
Warnish/paint/ primer	Composite

## MACHINE ICONS

							
Angle Grinder	Grinding	Mini Angle Grinder	Orbital sander	Straight Grinder	Satinex	Bench/pedestal grinder	Hand sanding

				
Sheet sander	Sanding block	File belt sander	Portable belt sander	Backstand machine

## SAFETY ICONS

				
Mouth Protection	Wear Gloves	Eye Protection	Ear Protection	Read Instructions

# ABRASIVE DISCS FOR ANGLE GRINDERS

FOR INDUSTRIAL APPLICATIONS

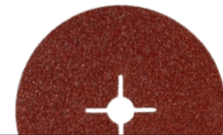
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Non-woven discs	63
Surface blending discs	67




# FIBRE DISCS FOR ANGLE GRINDERS

## PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	MEGA-LINE FX777	INDUSTRIAL LINE FX672	SPEEDOFLEX FX170
	BEST ○○○○○	BETTER ○○○○	GOOD ○○○
Stainless steel, inox & duplex	●	◐	-
Titanium, inconel & super alloys	●	◐	-
Carbon, construction & mild steel	●	●	◐
Cast iron	◐	●	◐
Non-ferrous metal (brass/aluminium)	-	◐	●
Wood	-	●	◐



- Premium, sharp hipal ceramic grain for fast and aggressive cut rate
- 0,8mm thick fibre backing provides durability and supports strong metal removal on heavy duty applications
- Supersize treatment reduces thermal build up on heat sensitive materials like stainless steel

### MEGA-LINE FX777 ○○○○○



DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22	36	25	66254493915	###,##
	50	25	66254493916	###,##
	60	25	66254493917	###,##
	80	25	66254493918	###,##
125 x 22	36	25	66254493919	###,##
	50	25	66254493920	###,##
	60	25	66254493921	###,##
	80	25	66254493922	###,##
180 x 22	36	25	66254493923	###,##
	50	25	66254493924	###,##
	60	25	66254493925	###,##
	80	25	66254493926	###,##

### SUPERSIZE TREATMENT

Advanced supersize treatment is applied to the grain during manufacturing. It minimises heat, loading and glazing on stainless, titanium and super alloys, resulting in improved cut and finish quality with no burn marks on stainless steel to reduce rework operations.

## INDUSTRIAL LINE FX672



DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22	24	25	63642585560	###,##
	36	25	63642585564	###,##
	50	25	63642585567	###,##
	60	25	63642585569	###,##
	80	25	63642585570	###,##
	120	25	63642585572	###,##
125 x 22	24	25	63642585574	###,##
	36	25	63642585575	###,##
	50	25	63642585581	###,##
	60	25	63642585582	###,##
	80	25	63642585583	###,##
	120	25	63642585585	###,##
180 x 22	24	25	63642585586	###,##
	36	25	63642585587	###,##
	50	25	63642585589	###,##
	60	25	63642585590	###,##
	80	25	63642585591	###,##
	120	25	63642585594	###,##



- Sharp zirconia grain provides a high cut rate when used under medium pressure
- 0,8mm thick fibre backing provides durability and supports strong metal removal on heavy duty applications
- Excellent price vs. performance ratio on metals including steel and inox

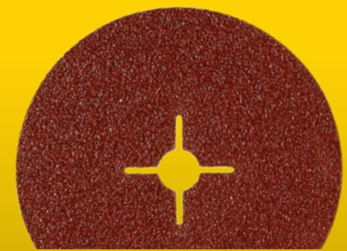
### TECHNICAL INFORMATION

Using a fibre disc with supersize treatment is not necessary on carbon steel as less heat is generated than that produced on stainless steel.

## SPEEDOFLEX FX170



DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22	16	25	66623391839	###,##
	24	25	66623391751	###,##
	36	25	66623391670	###,##
	40	25	66623391843	###,##
	60	25	66623391753	###,##
	80	25	66623391754	###,##
	100	25	66623391755	###,##
	120	25	66623391756	###,##
	125 x 22	16	25	66623391844
24		25	66623391757	###,##
36		25	66623391758	###,##
40		25	66623391847	###,##
60		25	66623391760	###,##
80		25	66623391761	###,##
100		25	66623391762	###,##
120		25	66623391763	###,##
180 x 22		16	25	66623391856
	24	25	66623391771	###,##
	36	25	66623391772	###,##
	40	25	66623391858	###,##
	60	25	66623391774	###,##
	80	25	66623391775	###,##
	100	25	66623391776	###,##
	120	25	66623391777	###,##



- Tough aluminium oxide grain provides consistent cutting performance when used with low/medium pressure
- 0,8mm thick fibre backing provides durability and supports strong metal removal on heavy duty applications
- Ideal for general purpose applications, small jobs where price takes precedence over performance

# FIBRE DISC

## SAFETY & STORAGE

### SAFETY TIPS

Fibre discs must be used with the correct sized back-up pad. The diameter of the disc must be at least 3mm but not more than 15mm greater than the diameter of the back-up pad.

Make certain that both the disc and the back-up pad are fitted correctly to the machine spindle.

Do not use a fibre disc which is damaged in any way. Always check visually for damage before use.

The maximum peripheral operating speed of a fibre disc is 80m/s. This is shown on the box label.

The fibre disc should only be brought into contact with the workpiece when the machine is running at its operational speed. The disc should be applied to the workpiece at the shallowest angle possible – about 10 degrees is recommended.

Do not attempt to use a fibre disc for slot grinding, cutting off or wet grinding.

After use the angle grinder should be stored with care. The face of the disc must not be in contact with the bench or floor.

### STORAGE

Fibre discs should be stored at a temperature of 18 to 22 °C and 45% to 60% relative humidity.

Discs exposed to wet storage conditions tend to absorb humidity and to dilate the fibre backing. This to cause discs will curl on the grain side. Discs stored in very dry conditions tend to contract and curl on backing side.

# BACK-UP PADS FOR FIBRE DISCS

Fibre discs must be used with the correct sized back-up pad. The diameter of the disc must be at least 3mm but not more than 15mm greater than the diameter of the back-up pad. Back-up pads are available in two designs, reinforced and standard nylon, and different densities to better adapt to all your needs.

## NYLON FIBREGLASS REINFORCED BACK-UP PAD



- The curved ribs keep the pad and abrasive cooler while retaining a level of flexibility across the pad
- Ideal for tougher grinding operations
- Grits 16+ and finer

## NYLON BACK-UP PAD



- For universal use
- Select the medium density for use on curved surfaces and edges, or when using grits 80+ and finer
- The flat surface provides a uniform finishing

## NYLON FIBREGLASS REINFORCED M14 x 2,0 ATTACHMENT

DIA (mm)	DENSITY	MAX RPM	QTY	ART NO.	PRICE
115	Rigid	13300	1	66623376727	###,##
125	Rigid	12200	1	66623376821	###,##
180	Rigid	8500	1	66623376822	###,##

## NYLON BACK-UP PAD M14 x 2,0 ATTACHMENT

DIA (mm)	DENSITY	MAX RPM	QTY	ART NO.	PRICE
115	Medium	13300	5	69957382815	###,##
	Hard	13300	1	69957382818	###,##
125	Medium	12200	5	69957382816	###,##
	Hard	12200	1	69957382819	###,##
180	Medium	8500	5	69957382817	###,##
	Hard	8500	1	69957382820	###,##

## FIBRE DISC BACK-UP PAD DENSITY GUIDE



**RIGID** suitable for tough grinding operations & where very high stock removal is required such as chamfering.



**HARD DENSITY** suitable for coarse applications and higher stock removal such as chamfering, welded seam or deburring work.



**MEDIUM DENSITY** suitable for medium/fine applications such as edge rounding or surface grinding.



# FLAP DISCS

## FOR ANGLE GRINDERS

Flexovit flap discs are available in a variety of specifications to meet the different needs and applications of the market. Coarser grits are ideally suited for applications where fast and high rates of stock removal are needed. Finer grits offer a good balance between effective stock removal and a good surface finish.

Low set-up times, reduced noise levels, comfortable and cool grinding, anti-clogging technology and the fact that no backing-pad is required ensures a very balanced all-round performance and versatility.

Flap discs are particularly suitable for rough and intermediate grinding operations, delivering fast stock removal. The cloth flaps are designed and positioned to wear evenly so that new grit is exposed helping to maintain a uniform result over a long period of time.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



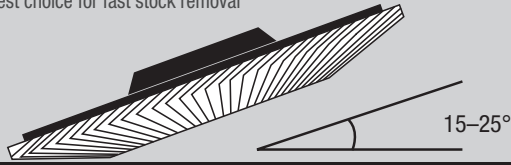
MATERIALS	MEGA-LINE MAXX3	MEGA-LINE	INDUSTRIAL LINE HD	INDUSTRIAL LINE PREMIUM	INDUSTRIAL LINE STEEL	SPEEDOFLEX
	BEST ●●●●●	BEST ●●●●●	BETTER ●●●●	BETTER ●●●●	BETTER ●●●●	GOOD ●●●
Stainless steel, inox & duplex	●	●	◐	◐	-	-
Titanium, inconel & super alloys	●	●	◐	◐	-	-
Carbon, construction & mild steel	●	●	●	●	◐	◐
Cast iron	-	-	●	●	◐	◐
Non-ferrous metal (brass/aluminium)	-	-	-	-	●	●
Wood	-	-	-	-	●	●



# DISC SHAPES

## TYPE 29 CONICAL

- For both contoured surfaces and edge work
- Angled flaps offer greater contact when removing stock on flat surfaces
- The best choice for fast stock removal



## TYPE 27 FLAT

- For use on flat surfaces
- Best choice for blending & finishing



# THINK PINK FOR FAST GRINDING




## MEGA-LINE PINK




- Best for fast grinding when used at medium pressure on stainless steel or hard metals
- Fast cut rate in heavy duty applications
- Supersize treatment for a cooler cut & reduced heat generation during use, providing better part quality and no burning of the workpiece

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DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22 	40	10	66261150493	###,##
	60	10	66261150494	###,##
	80	10	66261150495	###,##
	120	10	66261150503	###,##

DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
125 x 22 	40	10	66261146402	###,##
	60	10	66261146414	###,##
	80	10	66261146415	###,##
	120	10	66261146417	###,##

# FLAP DISC


## FOR ANGLE GRINDERS



- Extremely aggressive ceramic grain for noticeably faster cut rate
- Strong polyester backing for demanding work on edges
- For cool grinding of stainless steel, inconels, chromium cobalt, titanium or other hard-to-grind material
- Suitable for high pressure applications on high power angle grinders

### MEGA-LINE MAXX3





DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
125 x 22 	40	10	66261086960	###,##
	60	10	66261086961	###,##



- Tough zirconia grain that stays sharp even during heavy duty applications
- Continually sharp grain means longer disc life and more grinding with one disc reducing overall abrasive cost
- Strong polycotton backing for demanding applications with medium pressure use
- Ideal for cool grinding on carbon steel or stainless steel







### INDUSTRIAL LINE HEAVY DUTY



DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22 	40	10	66261162940	###,##
	60	10	66261162941	###,##
	80	10	69957365266	###,##
125 x 22 	40	10	66261162944	###,##
	60	10	66261168639	###,##
	80	10	66261168640	###,##

## INDUSTRIAL LINE PREMIUM



DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22 	40	10	63642534630	###,##
	60	10	63642517978	###,##
	80	10	63642517979	###,##
	120	10	63642517980	###,##
125 x 22 	40	10	63642517981	###,##
	60	10	63642519304	###,##
	80	10	63642517982	###,##
	120	10	63642517983	###,##
180 x 22 	40	10	63642517984	###,##
	60	10	63642519305	###,##
	80	10	63642517985	###,##
115 x 22 	40	10	63642517987	###,##
	60	10	63642517988	###,##
	80	10	63642517989	###,##
	120	10	63642517990	###,##
125 x 22 	40	10	63642517991	###,##
	60	10	63642517992	###,##
	80	10	63642517993	###,##
	120	10	66261168591	###,##
180 x 22 	40	10	66261168580	###,##
	60	10	66261168610	###,##
	80	10	66261168611	###,##



- Premium self sharpening zirconia grain for consistent cut rate throughout disc life
- Cotton cloth backing supports wear during use to expose new grain under low to medium grinding pressure
- Grain and backing combination make a versatile disc for all rough grinding jobs
- High performance versus price on steel and inox

# FLAP DISC





## FOR ANGLE GRINDERS



- Aluminium oxide grain provides a fast initial cut rate
- Cotton cloth backing supports wear during use to expose new grain under low to medium grinding pressure
- Durable disc for rough grinding and deburring on carbon, steel and even wood

### INDUSTRIAL LINE STEEL







DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22 	40	10	63642521034	###,##
	60	10	63642521035	###,##
	80	10	63642521036	###,##
125 x 22 	40	10	63642521038	###,##
	60	10	63642521039	###,##
	80	10	63642521040	###,##
180 x 22 	40	10	63642521042	###,##
	60	10	63642521043	###,##
	80	10	63642521044	###,##
115 x 22 	40	10	63642521046	###,##
	60	10	63642521047	###,##
	80	10	63642521048	###,##
	120	10	66261162876	###,##



- Zirconia grain stays sharp through life of disc so you can grind for longer
- Cotton backing supports low to medium grinding operations
- A multi-purpose disc for good stock removal when price takes precedence over performance in rough grinding and deburring jobs

### SPEEDOFLEX ZIRCONIA ALUMINA



DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22 	40	10	63642517997	###,##
	60	10	63642517998	###,##
	80	10	63642517999	###,##
	120	10	66261168618	###,##
125 x 22 	40	10	63642518000	###,##
	60	10	63642518001	###,##
	80	10	63642518002	###,##
115 x 22  Plastic backing	40	10	66261039428	###,##
	60	10	66261039446	###,##
	80	10	66261039454	###,##
	120	10	66261039508	###,##
125 x 22  Plastic backing	40	10	63642564454	###,##
	60	10	63642564455	###,##
	80	10	63642564456	###,##

# FIBREFLEX DISCS

## FOR ANGLE GRINDERS




Fibreflex semi-flexible discs are made by coating heavy duty fibre with multiple layers of a special resin bonded abrasive. The amount of abrasive used combined with the unique disc pattern means the semi-flexible disc has a longer life as it resists loading and it allows grinding to be carried out at cooler temperatures.

They are commonly used to work on stone to clean the hulls of ships & boats, to remove rust from large surfaces and coatings and removing glue or mastic. Semi-flexible discs can be used instead of depressed centre grinding wheels and sanding discs. The flexibility of the product leads to improved performance as it easily works around contours, requiring limited pressure so it's easier to use.

Flexovit fibreflex discs should be used with a suitable back-up pad on an angle grinder. All fibreflex discs have a maximum operating speed of 80m/s.

### INDUSTRIAL LINE SILICON CARBIDE



DIM DxB (mm)	GRIT	PK QTY	ART NO.	PRICE
115 x 22 	C 16	25	66261168675	###,##
	C 24	25	69957336400	###,##
	C 36	25	69957336397	###,##
	C 60	25	69957336394	###,##
	C 80	25	69957336391	###,##
125 x 22 	C 16	25	66261168709	###,##
	C 24	25	69957336399	###,##
	C 36	25	69957336396	###,##
	C 60	25	69957336393	###,##
	C 80	25	66261168713	###,##
180 x 22 	C 16	25	69957336401	###,##
	C 24	25	69957336398	###,##
	C 36	25	69957336395	###,##
	C 60	25	69957336392	###,##



- Super sharp black silicon carbide grain for aggressive cutting
- Cuts through hard material like marble, granite, concrete and cast iron
- Ideal where aggressive material removal is required such as heaving cleaning, leveling and grinding

# FIBREFLEX DISCS

FOR ANGLE GRINDERS

## BACK-UP PADS FOR FIBREFLEX DISCS

Fibreflex discs must be used with the correct sized back-up pad. The diameter of the disc must be at least 3mm but not more than 15mm greater than the diameter of the back-up pad.

### NYLON BACK-UP PAD



- For universal use
- The flat surface delivers a uniform finishing

BACK-UP PAD TYPE	DIA (mm)	THREAD	DENSITY	MAX RPM	QTY	ART NO.	PRICE
Nylon back-up pad	115	M14 x 2,0	Hard	13300	1	69957382818	###,##
	125	M14 x 2,0	Hard	12200	1	69957382819	###,##
	180	M14 x 2,0	Hard	8500	1	69957382820	###,##

## MADE-TO-ORDER AVAILABILITY

ABRASIVE / SHAPE	16	24	60	80	120
Aluminium oxide - flat	●	●	●	●	●
Aluminium oxide - curved	●	●	●	●	●
Silicon carbide - curved	●	●	●	●	●

DIMENSIONS (mm) D X B	MINIMUM ORDER QUANTITY
All sizes	500 pieces



# NON-WOVEN DISCS FOR ANGLE GRINDERS

Flexbrite non-woven discs for angle grinders have three components: strong synthetic fibre mesh and quality abrasives, bonded together by a smear-resistant adhesive.

**FlexClean** discs have an open web construction that enables aggressive cutting action while maintaining a cool, non-loading surface.

**FlexFinish** discs have a unitised construction with varying weave, from open to tighter, for deburring and finishing.

## PRODUCT SELECTION GUIDE



MATERIALS	MEGA-LINE FLEXCLEAN	MEGA-LINE FLEXFINISH	INDUSTRIAL LINE SURFACE BLENDING DISCS			SPEEDOFLEX SURF. BLENDING FLAP DISCS	SPEEDOFLEX FLEXFINISH	INDUSTRIAL LINE FLEXPOLISH
	BEST ●●●●●	BEST ●●●●●	BETTER ●●●●			GOOD ●●●	GOOD ●●●	BETTER ●●●●
GRADE	-	-	COARSE	MEDIUM	FINE	MEDIUM	FINE	-
Scale removal	●	-	-	-	-	-	-	-
Stock removal	●	●	●	-	-	-	-	-
Heavy deburring	●	●	●	-	-	-	-	-
Light deburring	-	●	●	●	-	●	-	-
Light finishing	-	●	●	●	-	●	-	-
Blending	-	-	-	●	●	●	●	-
Finishing	-	-	-	●	●	●	●	-
Polishing	-	-	-	-	●	-	●	●

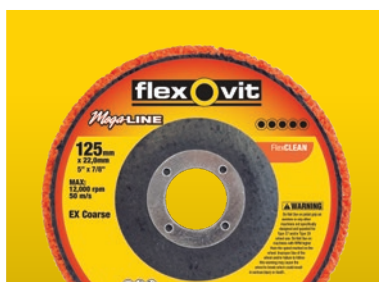
Highly recommended ●

Recommended ●

# NON-WOVEN DEPRESSED CENTRE DISCS

FOR ANGLE GRINDERS

COATED  
ABRASIVES



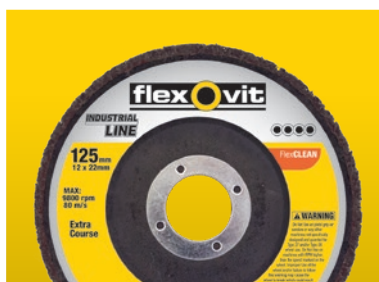
- Extra coarse ceramic grain makes light work of removing rust, residue, weld splatter, and scale
- Open web construction for long disc life, up to twice as long as similar competitor discs
- Open nature of the web prevents gouging, snagging or shedding, even under high pressure

## MEGA-LINE FLEXCLEAN



DIM DxTxH (mm)	GRADE	COLOUR	CAP CODE	PK QTY	RPM	ART NO.	PRICE
115 x 12 x 22	EX coarse	Orange	R9101	10	12000	66623396063	###,##
125 x 12 x 22	EX coarse	Orange	R9101	10	12000	63642547410	###,##
178 x 12 x 22	EX coarse	Orange	R9101	10	8000	69957309826	###,##

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MORE**  
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- Silicon carbide grain is extra coarse for aggressive removal of coatings
- General purpose disc, for use on a variety of surfaces including wood, metal & plastic
- Will not load sticky coatings, adhesives, and soft metals, or snag and shed like other abrasives

## INDUSTRIAL LINE FLEXCLEAN



DIM DxTxH (mm)	GRADE	COLOUR	CAP CODE	PK QTY	RPM	ART NO.	PRICE
115 x 22.3	EX Coarse	Black	R4101	10	12000	77696005105	###,##
125 x 22	EX Coarse	Black	R4101	10	12000	77696019798	###,##



- Silicon carbide abrasive for tough cutting action
- Softer, more open web construction for less aggressive applications such as light rust and residue removal and surface cleaning

## SPEEDOFLEX FLEXCLEAN



DIM DxTxH (mm)	GRADE	COLOUR	CAP CODE	PK QTY	RPM	ART NO.	PRICE
115 x 22	EX coarse	Black	R4104	10	11000	63642586224	###,##
125 x 22	EX coarse	Black	R4104	10	8500	63642586225	###,##
180 x 22	EX coarse	Black	R4104	5	6500	63642586226	###,##



## MEGA-LINE FLEXFINISH



DIM DxTxH (mm)	GRADE	COLOUR	CAP CODE	PK QTY	RPM	ART NO.	PRICE
115 x 12 x 22	Medium	Blue	U2305	10	12000	66623396391	###,##
125 x 12 x 22	Medium	Blue	U2305	10	12000	63642547412	###,##

**FIND OUT MORE**

[www.flexovit.com](http://www.flexovit.com)



- Engineered grain technology provides multiple uses in one disc, from stock removal to finishing, reducing the need for multiple abrasive products
- Increased life thanks to the dense fiber and tightly packed grain, meaning less down time, and faster part throughput

## SPEEDOFLEX FLEXFINISH



DIM DxTxH (mm)	GRADE	COLOUR	CAP CODE	PK QTY	RPM	ART NO.	PRICE
115 x 12 x 22	Fine	Grey	U4401	10	12000	66254492400	###,##
125 x 12 x 22	Fine	Grey	U4401	10	12000	77696066957	###,##



- Fine silicon carbide grain provides a smooth finish quickly on many metals
- Unitised construction supports a controlled operation, important for blending and finishing
- Reduces heat build up to maintain part integrity and eliminate rework during final stages

## INDUSTRIAL LINE FLEXPOLISH



DIM DxTxH (mm)	GRADE	COLOUR	CAP CODE	PK QTY	RPM	ART NO.	PRICE
115 x 12 x 22	Felt	White	F0005	10	8500	66261113019	###,##
125 x 12 x 22	Felt	White	F0005	10	7700	66261113023	###,##



- Felt wool polishing pad to generate a mirror finish with smooth, scratch free results

# NON-WOVEN DEPRESSED CENTRE DISCS

FOR ANGLE GRINDERS

## SPEEDOFLEX SURFACE BLENDING FLAP DISCS



- The life of the aluminium oxide grain is extended by the flap construction, get more use from one disc in blending jobs
- Reduces heat build up and smearing, eliminating the need for rework
- Ideal for cleaning, light deburring, and processing TIG weld seams

DIA (x Hole) (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.	PRICE
115 x 22	Coarse	Alox	Tan	S2208	10	69957310421	###,##
	Medium	Alox	Red	S2308	10	69957310427	###,##
	Fine	Alox	Green	S2408	10	69957310501	###,##
	Very fine	Alox	Blue	S2508	10	69957310504	###,##
125 x 22	Coarse	Alox	Tan	S2208	10	69957310506	###,##
	Medium	Alox	Red	S2308	10	69957310507	###,##
	Fine	Alox	Green	S2408	10	69957310508	###,##
	Very fine	Alox	Blue	S2508	10	69957310512	###,##

# SURFACE BLENDING DISCS

## FOR ANGLE GRINDERS

Surface blending discs are made from Flexbrite non-woven material. Impregnated with abrasive grain, these discs, when used on an angle grinder after flap or fibre discs, offer excellent surface finishes. Depending on the grade you choose, you can clean, deburr, blend and create a quality finish, perfect for pre-polishing.

### INDUSTRIAL LINE



DIA (x Hole) (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.	PRICE
115 x 22	Ex coarse	Alox	Black	S2103	20	69957310720	###,##
	Coarse	Alox	Tan	S2203	20	69957310757	###,##
	Medium	Alox	Red	S2303	20	69957310758	###,##
	Fine	Alox	Green	S2403	20	69957310759	###,##
	Very fine	Alox	Blue	S2503	20	69957310794	###,##
125 x 22	Ex coarse	Alox	Black	S2103	20	69957310760	###,##
	Coarse	Alox	Tan	S2203	20	69957310795	###,##
	Medium	Alox	Red	S2303	20	69957310796	###,##
	Fine	Alox	Green	S2403	20	69957310797	###,##
	Very fine	Alox	Blue	S2503	20	69957310798	###,##



- Aluminium oxide grain is tough yet versatile for excellent results during surface preparation and cleaning jobs
- Engineered grain technology combines the cutting speed of coarse grits with the finish of fine grits
- Open weave construction provides a consistent cutting action throughout the life of the disc

# SURFACE BLENDING DISCS

FOR ANGLE GRINDERS



- Aluminium oxide grain is tough yet versatile for excellent results during surface preparation and cleaning jobs
- General purpose product for blending, finishing, cleaning and light deburring

## SURFACE BLENDING



DIA (x Hole) (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.	PRICE
115 x 22	Ex coarse	Alox	Black	S2108	20	63642558451	###,##
	Coarse FB	Alox	Brown	S2211	20	63642558452	###,##
	Coarse	Alox	Tan	S2208	20	63642558453	###,##
	Medium	Alox	Red	S2308	20	63642586051	###,##
	Fine	Alox	Green	S2408	20	77696068722*	###,##
	Very fine	Alox	Blue	S2508	20	63642586055	###,##
125 x 22	Ex coarse	Alox	Black	S2108	20	63642586061	###,##
	Coarse FB	Alox	Brown	S2211	20	63642586064	###,##
	Coarse	Alox	Tan	S2208	20	63642586066	###,##
	Medium	Alox	Red	S2308	20	63642586072	###,##
	Fine	Alox	Green	S2408	20	77696068721	###,##
	Very fine	Alox	Blue	S2508	20	63642586075	###,##
178 x 22	Ex coarse	Alox	Black	S2108	10	63642586080	###,##
	Coarse FB	Alox	Brown	S2211	10	63642586083	###,##
	Coarse	Alox	Tan	S2208	10	63642586087	###,##
	Medium	Alox	Red	S2308	10	63642586089	###,##
	Fine	Alox	Green	S2408	10	77696068723	###,##
	Very fine	Alox	Blue	S2508	10	63642586092	###,##

\* Made-to-order

## ACCESSORIES - BACK-UP PADS

BACK-UP PAD TYPE	DIA (mm)	PRODUCT MATERIAL TYPE	DENSITY	QTY	ART NO.	PRICE
M14 attachment	115	-	-	1	69957382846	###,##
	125	-	-	1	69957382841	###,##
	178	-	-	1	69957382844	###,##
M14 attachment for fibre discs	115	Nylon	Medium	5	69957382815	###,##
		Nylon	Hard	1	69957382818	###,##
	125	Nylon	Medium	5	69957382816	###,##
		Nylon	Hard	1	69957382819	###,##
	180	Nylon	Medium	5	69957382817	###,##
		Nylon	Hard	1	69957382820	###,##
M14 Self-grip with locating centre pin	115	-	Medium	1	77696076935	###,##
	125	-	Medium	1	77696076941	###,##

## QUICK CHANGE DISCS FOR MINI ANGLE GRINDERS

Coated discs	70
Mini flap discs	73
Non-woven discs	75
Back-up pads	78

FOR MINI ANGLE GRINDERS





## QUICK CHANGE DISCS FOR MINI ANGLE GRINDERS

Quick Change Discs are a range of small abrasive discs designed to maximise productivity and minimise downtime. The 'SpeedLok' fastening makes it quick and easy to change discs.

The disc locks securely to the rubber back-up pad with no slipping or release caused by heat and is properly centred for a vibration free operation. The ideal abrasive tool for light to medium pressure grinding, blending & finishing on small or difficult to access areas including tool and mould construction, automotive, aeronautical & aerospace industry and equipment and pressure vessel construction. These versatile discs can be used for working on mild contours as well as flat surfaces and are most effective when used with electrical or pneumatic tools.

Grits 36-50 are ideal for stock (weld) removal, while grits 60-120 are more suited to the removal of imperfections and blending work.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	INDUSTRIAL LINE	SPEEDOFLEX
	BETTER ○○○○	GOOD ○○○
Stainless steel, inox & duplex	●	-
Inconel, titanium & super alloys	●	-
Carbon steel, construction steel & mild steel	●	◐
Cast iron	●	◐
Non-ferrous metal (brass/aluminium)	◐	●
Hard & soft wood	●	◐

## QUICK CHANGE DISCS ATTACHMENTS & TIPS



**TS ATTACHMENT**  
(Type 2 – SL2)  
A turn-on/turn-off style fastener



**TR ATTACHMENT**  
(Type 3 – SL3)  
Twist on & twist off in 2½ turns

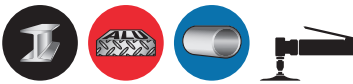




**TIP** Avoid gouging on contours by using a smaller size holder than the diameter of the discs, such as 38mm holder for 50mm.

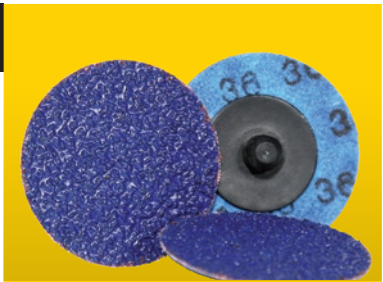


**TIP** Select a hard back-up pad for more aggressive applications.

### INDUSTRIAL LINE



DIA (mm)	GRIT	REC. RPM	PK QTY	ART NO.	PRICE
<b>TR ATTACHMENT</b> 					
50	36	5700 - 13400	100	63642561990	###,##
	60	5700 - 13400	100	63642561997	###,##
	80	5700 - 13400	100	63642566811	###,##
75	36	3800 - 8900	100	63642562003	###,##
	60	3800 - 8900	100	63642562008	###,##
	80	3800 - 8900	100	63642562011	###,##
<b>TS ATTACHMENT</b> 					
50	36	5700 - 13400	100	63642561989	###,##
	60	5700 - 13400	100	63642561996	###,##
	80	5700 - 13400	100	63642562000	###,##
75	36	3800 - 8900	100	63642561989	###,##
	60	3800 - 8900	100	63642562009	###,##
	80	3800 - 8900	100	63642562012	###,##



- Zirconia grain self sharpens through constant fracturing when in use for long disc life, reducing downtime on the job
- Constantly sharp grain also means a fast and consistent cutting action, speeding up process time
- A premium disc ideal for small, heavy duty applications

#### TECHNICAL INFORMATION

Mount to the appropriate Flexovit Quick Change back-up pad. Discs can access restricted corners and contours.

# QUICK CHANGE DISCS



FOR MINI ANGLE GRINDER

## SPEEDOFLEX ALUMINIUM OXIDE



- Tough aluminium oxide grain ensures you get great cut rate from these mini-discs
- For more general purpose applications and small, flat or contoured surfaces



DIA (mm)	GRIT	REC. RPM	PK QTY	ART NO.	PRICE
<b>TR ATTACHMENT</b> 					
50	36	5700 - 13400	100	63642562693	###,##
	60	5700 - 13400	100	63642562698	###,##
	80	5700 - 13400	100	63642562702	###,##
	120	5700 - 13400	100	63642562705	###,##
75	36	3800 - 8900	100	63642562710	###,##
	60	3800 - 8900	100	63642562718	###,##
	80	3800 - 8900	100	63642562719	###,##
	120	3800 - 8900	100	63642562721	###,##
<b>TS ATTACHMENT</b> 					
50	36	5700 - 13400	100	63642562694	###,##
	60	5700 - 13400	100	63642562699	###,##
	80	5700 - 13400	100	63642562701	###,##
	120	5700 - 13400	100	63642562707	###,##
75	36	3800 - 8900	100	63642562711	###,##
	60	3800 - 8900	100	63642562716*	###,##
	80	3800 - 8900	100	63642562774*	###,##
	120	3800 - 8900	100	63642562722	###,##

\* Made-to-order

## MADE-TO-ORDER AVAILABILITY

GRAIN / GRIT	24	36	40	50	60	80	100	120	150	180	240	320
Ceramic with supersize	●	●	●	●	●	●	●	●				
Zirconia	●	●		●	●	●		●				
Zirconia with supersize		●	●	●	●	●	●	●				
Silicon carbide		●	●	●	●	●	●	●	●			
Aluminium oxide	●	●	●	●	●	●	●	●	●	●	●	●

DIA (mm)	MINIMUM ORDER QUANTITY
25	500 pieces
38	500 pieces
50	250 pieces
75	250 pieces





# MINI FLAP DISCS

## FOR MINI ANGLE GRINDER

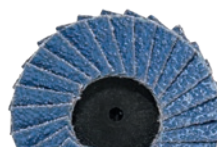
Mini flap discs are a multi-purpose solution for high stock removal, ideal for weld dressing on small and difficult to access areas. Offering longer life, improved operator comfort through reduced vibration and higher productivity by minimising downtime for change overs.

The quick change fastener makes it easy to change discs by locking securely to the back-up pad, so no slipping or release is caused by heat build-up. The attachment system (SL3) ensures the disc is properly centred and vibration free.

Mini flap discs achieve their best performance at a recommended speed of 30-40m/s. This optimises stock removal, surface finish, thermal load of the workpiece and tool wear.

### PRODUCT SELECTION GUIDE

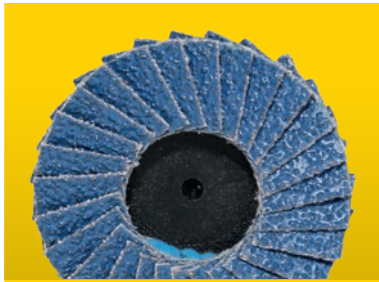
Highly recommended ●  
Recommended ◐



MATERIALS	INDUSTRIAL LINE
	<b>BETTER</b> ●●●●
Stainless steel, inox & duplex	●
Inconel, titanium & super alloys	●
Carbon steel, construction steel & mild steel	●
Cast iron	●
Non-ferrous metal (brass/aluminium)	◐
Hard & soft wood	●

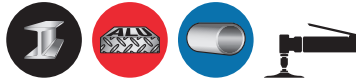
# MINI FLAP DISCS


FOR MINI ANGLE GRINDER



- Strong zirconia abrasive delivers aggressive cut rate and longer life on carbon steel and welds
- Semi-open coat prevents loading
- Easy to replace, SL3 system ensures disc is properly centred, reducing vibration

## INDUSTRIAL LINE



DIA (mm)	GRIT	REC. RPM	PK QTY	ART NO.	PRICE	REC. BACKUP-PAD
<b>TR ATTACHMENT</b> 						
50	36	11500 - 15000	10	66261141372	###,##	63642562239
	60	11500 - 15000	10	66261141373	###,##	
	80	11500 - 15000	10	66261141374	###,##	
75	36	7500 - 10000	10	66261141383	###,##	
	60	7500 - 10000	10	66261141375	###,##	
	80	7500 - 10000	10	66261141376	###,##	

## MADE-TO-ORDER AVAILABILITY

PRODUCTS	36	40	50	60	80	120
Ceramic mini flap disc		●	●	●	●	
Zirconia mini flap discs	●	●		●	●	●
Aluminum oxide mini flap discs	●	●		●	●	●

DIAMETER (mm)	MINIMUM ORDER QUANTITY
50	100 pieces
75	100 pieces



# NON-WOVEN QUICK CHANGE DISCS FOR MINI ANGLE GRINDER

## PRODUCT SELECTION GUIDE



MATERIALS	MEGA-LINE FLEXCLEAN	INDUSTRIAL LINE SURFACE BLENDING		UNITIZED DISCS
	BEST ●●●●●	BETTER ●●●●	BETTER ●●●●	BETTER ●●●●
GRADE	-	COARSE	MEDIUM	-
Scale removal	●	-	-	-
Stock removal	●	◐	-	-
Heavy deburring	◐	●	-	-
Light deburring	-	●	◐	-
Light finishing	-	◐	●	-
Blending	-	-	●	-
Finishing	-	-	◐	◐

Highly recommended ●

Recommended ◐

## MEGA-LINE FLEXCLEAN SL3



DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.	PRICE
50	Extra coarse	Ceramic	Orange	R9101	15000	10	63642547419	###,##
75	Extra coarse	Ceramic	Orange	R9101	12000	10	63642547420	###,##



- Ceramic grain applied to an open web construction makes Mega-Line Flexclean the best choice for fast removal of rust, weld splatter, scale and paint

# NON-WOVEN QUICK CHANGE DISCS

FOR MINI ANGLE GRINDER



- The silicon carbide disc also removes rust, weld splatter, scale and paint and is a great solution if cost takes precedence over speed

## FLEXCLEAN SL3



DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.	PRICE
50	Extra coarse	SIC	Black	R4101	15000	10	63642588152	###,##
75	Extra coarse	SIC	Black	R4101	12000	10	63642588157	###,##



- Silicon carbide abrasive with a more open construction where less aggressive stripping is required

## ZMD STRIPPA DISCS SL3



DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.	PRICE
50	Extra coarse	SIC	Black	R4104	15000	10	63642557677	###,##
75	Extra coarse	SIC	Black	R4104	12000	10	63642557678	###,##



- Fine silicon carbide & flexible density unitised construction for a smooth controlled blending/finishing experience
- Free cutting and fast finish

## UNITIZED DISCS SL3



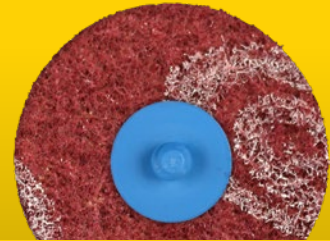
DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.	PRICE
50	Fine	SIC	Grey	U4401	18000	10	63642586194	###,##
	Medium	Alox	Grey	U2301	22100	10	63642586198	###,##
75	Medium	SIC	Grey	U4401	12100	10	63642586199	###,##
	Fine	Alox	Grey	U2401	12100	10	63642586212*	###,##
	Medium	Alox	Grey	U2301	12100	10	63642586213	###,##
	Medium	Alox	Grey	U2301	18000	10	63642586214	###,##

\* Made-to-order

## INDUSTRIAL LINE SURFACE BLENDING DISCS SL3



DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.	PRICE
50	Coarse	Alox	Tan	S2203	23000	50	69957314715	###,##
	Medium	Alox	Red	S2303	23000	50	69957318189	###,##
	Very fine	Alox	Green	S2403	23000	50	69957314716	###,##
	Fine	Alox	Blue	S2503	23000	50	69957314718	###,##
75	Coarse	Alox	Tan	S2203	18000	50	69957314719	###,##
	Medium	Alox	Red	S2303	18000	50	69957314720	###,##
	Fine	Alox	Green	S2403	18000	50	69957314721	###,##
	Very fine	Alox	Blue	S2503	18000	50	69957314722	###,##



- Proprietary engineered aluminum oxide abrasive grain and coating method combine for maximum cutting speed
- Provides consistent finish of finer grits to reduce process time by +50% as multiple grit sequences can be achieved in one step
- Higher material removal, longer life and consistent, smear-free finishing in cleaning & conditioning jobs, even on alloys with high nickel content

## SURFACE BLENDING SL2



DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.	PRICE
50	Coarse	Alox	Tan	S2208	23000	50	63642562112	###,##
	Medium	Alox	Red	S2308	23000	50	63642562113*	###,##
	Very fine	Alox	Blue	S2508	23000	50	63642562116	###,##
	Super fine	SIC	Grey	S4713	23000	50	63642587660*	###,##
75	Coarse	Alox	Tan	S2208	18000	50	63642556177	###,##
	Medium	Alox	Red	S2308	18000	50	63642556176*	###,##
	Very fine	Alox	Blue	S2508	18000	50	63642556175*	###,##
	Super fine	SIC	Grey	S4713	18000	50	63642587665*	###,##



- Aluminium oxide grain and woven fibres for blending, finishing, cleaning and light deburring
- For more delicate or polishing applications, select the super fine silicon carbide disc

## SURFACE BLENDING SL3



DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.	PRICE
50	Coarse	Alox	Tan	S2208	23000	50	63642562110	###,##
	Medium	Alox	Red	S2308	23000	50	63642562114	###,##
	Very fine	Alox	Blue	S2508	23000	50	63642562115	###,##
	Super fine	SIC	Grey	S4713	23000	50	63642586187*	###,##
75	Coarse	Alox	Tan	S2208	18000	50	63642562119	###,##
	Medium	Alox	Red	S2308	18000	50	63642562121	###,##
	Very fine	Alox	Blue	S2508	18000	50	63642562123	###,##
	Super fine	SIC	Grey	S4713	18000	50	63642586191	###,##



- General purpose product for blending, finishing, cleaning, and light deburring
- Variety of grades enables various finish options

\* Made-to-order

# RUBBER BACK-UP PADS

FOR MINI ANGLE GRINDER

## AIR COOLED RUBBER BACK-UP PADS FOR MINI ANGLE GRINDER: 6MM SPINDLE

Quick change discs and mini flap discs must be used with the correct sized rubber back-up pad. The diameter of the disc must be at least 3mm but not more than 15mm greater than the diameter of the back-up pad.

### TYPE 2 - SL2



- Turn on/turn off system using a metal to metal fixing

### TYPE 3 - SL3



- Roll-on/roll-off system using a nylon threaded male button



### TS ATTACHMENT AIR COOLED BACK-UP PAD

DIA (mm)	DENSITY	MAX RPM	QTY	ART NO.	PRICE
38	Medium	25100	1	63642562238	###,##
50	Medium	19000	1	63642562241	###,##
75	Medium	12800	1	63642562246	###,##



### TR ATTACHMENT AIR COOLED BACK-UP PAD

DIA (mm)	DENSITY	MAX RPM	QTY	ART NO.	PRICE
38	Medium	25100	1	63642562239	###,##
50	Medium	19000	1	63642562244	###,##
75	Medium	12800	1	63642562247	###,##

#### APPLICATION TIP

For greater flexibility in contoured applications and to avoid gauging use a holder one size smaller than the diameter of the disc, e.g. use a 38mm holder with a 50mm disc.

# ORBITAL SANDER DISCS

FOR INDUSTRIAL APPLICATIONS

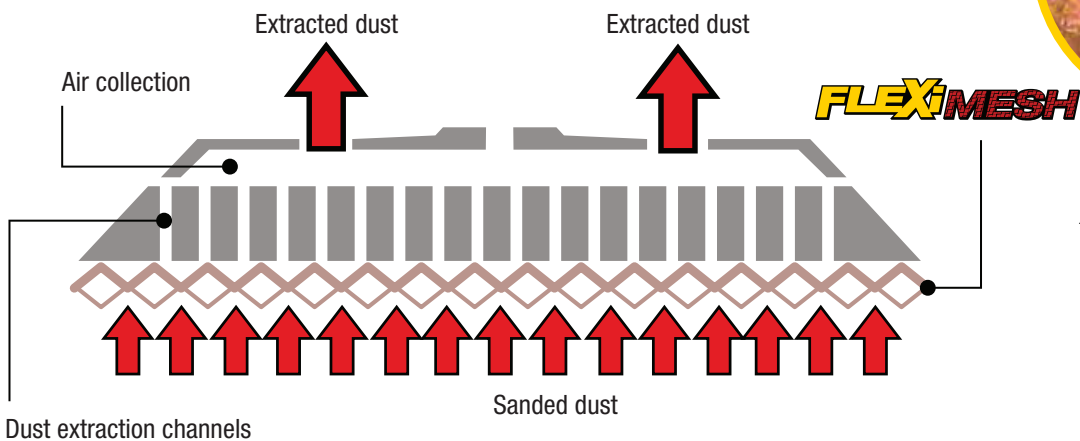
FlexiMesh	80
Quick release discs	82
Quick release back-up pads	86
Floor pads for floor sanding machines	87



## NEW FLEXIMESH FOR ORBITAL SANDERS

### POWERFUL DUST EXTRACTION MEANS A CLEANER ENVIRONMENT

The demand for a cleaner working environment, better quality finish and reduced consumable cost, means sanding solutions have evolved, from paper backed abrasive to a mesh construction with thousands of tiny holes. FlexiMesh responds to these demands by offering dust extraction in many operations. The open mesh construction of the backing allows dust particles to flow freely through thousands of tiny holes, creating a virtually dust free sanding environment. Better for your health, better for your application and better for your business!





## NEW FLEXIMESH CERAMIC



DIM (mm)	GRIT	PK QTY	ART NO.	PRICE
150	P80	50	78072701822	###,##
	P120	50	78072701823	###,##
	P180	50	78072701824	###,##
	P240	50	78072701825	###,##
	P320	50	78072701826	###,##
	P400	50	78072701827	###,##



- Ceramic grain provides the highest material removal
- Best productivity
- Longest life and fine finish

## NEW FLEXIMESH ALUMINIUM OXIDE



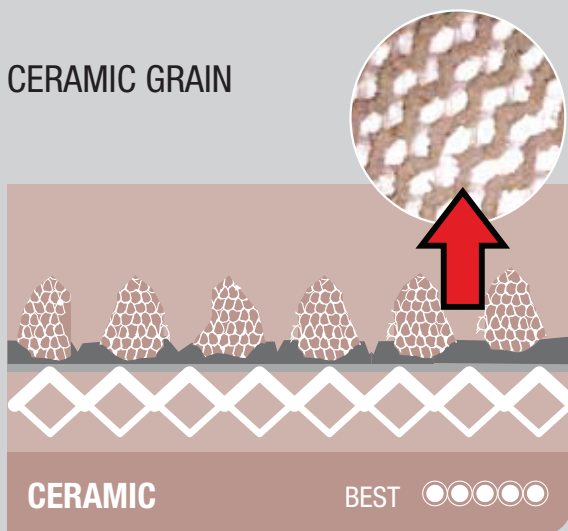
DIM (mm)	GRIT	PK QTY	ART NO.	PRICE
150	P80	50	78072701802	###,##
	P120	50	78072701803	###,##
	P180	50	78072701804	###,##
	P240	50	78072701805	###,##
	P320	50	78072701806	###,##
	P400	50	78072701807	###,##



- Aluminium oxide grain for consistent cutting performance
- Good productivity
- Good disc life

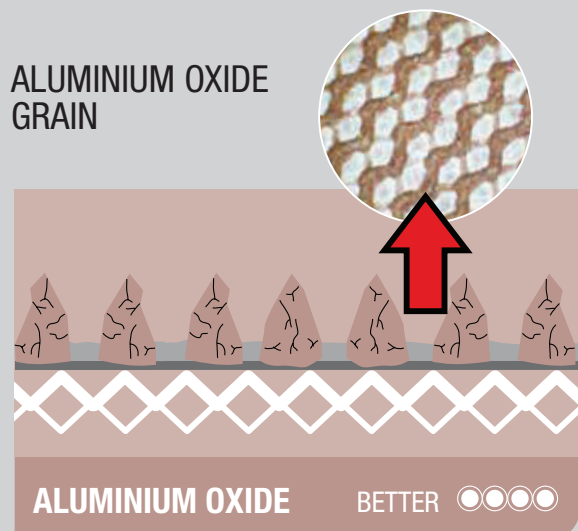
## WHY CHOOSE A CERAMIC ABRASIVE?

### CERAMIC GRAIN



Very tough grain, fracturing constantly to expose sharp cutting edges time and time again.

### ALUMINIUM OXIDE GRAIN



A sharp cutting grain, which wears evenly during use.



## QUICK RELEASE DISCS FOR ORBITAL SANDERS

Paper discs have a quick release backing that allows fast and easy disc changing, minimizing downtime. Made with premium abrasive grains for excellent cutting action providing a very homogenous and high quality finish. Depending on the grit size, Flexovit quick release discs are ideal for preparing primed & painted surfaces, stripping primer, varnish & paint, sanding plastic & fibreglass, light weld blending & deburring and sanding bare wood.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS		MEGA-LINE P64E	INDUSTRIAL LINE P37C PREMIER RED
		BETTER ○○○○	BETTER ○○○○
Metal	Coarse sanding	●	
	Finishing	●	
Wood	Coarse sanding	●	
	Finishing	●	◐
Varnish / paint / primer	Coarse sanding	◐	●
	Finishing	◐	●
Plaster	Coarse sanding	◐	
	Finishing		●

# MEGA-LINE P64E



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
125	40	50	63642588510	###,##
	60	50	63642588511	###,##
	80	50	63642588512	###,##
	100	50	63642588513	###,##
	120	50	63642588514	###,##
	180	50	63642588516	###,##
125 8 holes	40	50	63642585764	###,##
	60	50	63642585770	###,##
	80	50	63642585772	###,##
	100	50	63642585773	###,##
	120	50	63642585775	###,##
	150	50	63642585777	###,##
150	40	50	63642535364	###,##
	60	50	63642535366	###,##
	80	50	63642535367	###,##
	100	50	63642588517	###,##
	120	50	63642588518	###,##
	180	50	63642588520	###,##
150 7 holes	40	50	63642585780	###,##
	60	50	63642585786	###,##
	80	50	63642585787	###,##
	100	50	63642585790	###,##
	120	50	63642585791	###,##
	150	50	63642585793	###,##
150 9 holes	40	50	63642585827	###,##
	60	50	63642585829	###,##
	80	50	63642585830	###,##
	100	50	63642585832	###,##
	120	50	63642585833	###,##
	150	50	63642585834	###,##
150 15 holes	40	50	63642585817	###,##
	60	50	63642585819	###,##
	80	50	63642585821	###,##
	100	50	63642585822	###,##
	120	50	63642585823	###,##
	150	50	63642585825	###,##
	180	50	63642585826	###,##



- Tough aluminium oxide grain brings a consistent finish in sanding and finishing jobs
- Heavy paper backing supports aggressive applications
- Quick release fixing for quick, easy disc changing, minimizing down time
- Clogging of the disc is reduced thanks to the open coat layer, extending disc life and reducing abrasive costs
- Very versatile discs when performance and speed of work on wood, metal, plastic, filler or primer is key

## TECHNICAL INFORMATION

Paper discs should be used only on machines with a suitable back-up pad. Damaged or misshapen discs and pads should not be used. Discs and pads must not be modified in any way. Take care to fix the disc securely and centrally to the back-up pad. The diameter of the disc must be at least 2mm bigger than the back-up pack but no more than 4mm.






# QUICK RELEASE PAPER DISCS

FOR ORBITAL SANDERS

## INDUSTRIAL LINE P37C PREMIER RED



- Aluminium oxide abrasive for faster cut rate and consistent scratch pattern for a quality result from start to finish
- Reinforced light paper backing provides better flexibility and finish than discs with a heavier backing, discs can even be folded for use by hand
- Stearate layer applied to the grain resists dust build up and clogging, extending disc life so you can work for longer without changing the product, saving time and consumable cost

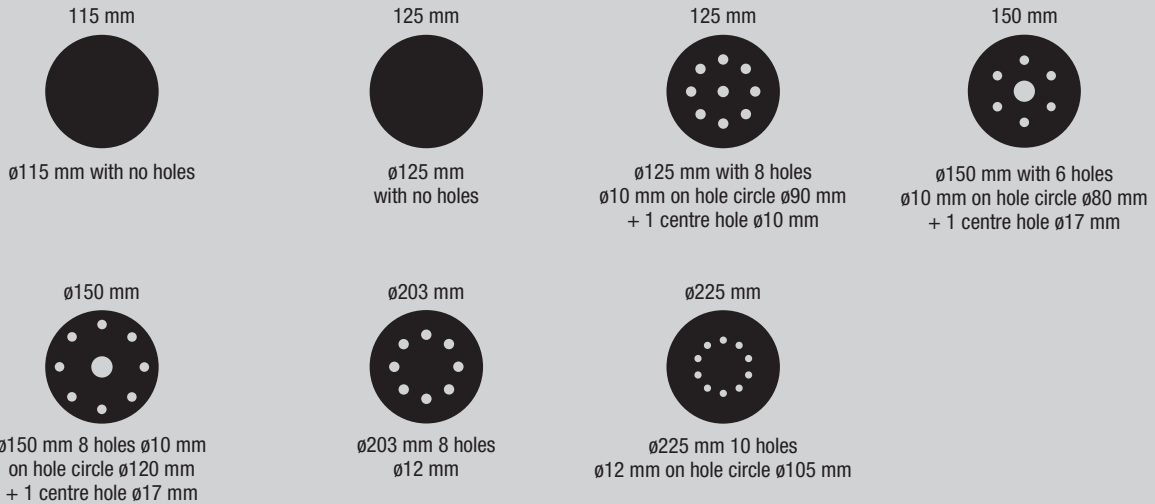
DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
 125 9 holes	80	100	63642535529	###,##
	120	100	63642535532	###,##
	240	100	63642535535	###,##
	320	100	63642535537	###,##
 150 No holes	80	100	66261020455	###,##
	120	100	66261020456	###,##
	150	100	66261020457	###,##
	180	100	66261020458	###,##
	220	100	66261020459	###,##
	240	100	66261020460	###,##
	320	100	66261020463	###,##
	400	100	66261020464	###,##
 150 9 holes	80	100	63642535444	###,##
	120	100	63642535445	###,##
	150	100	63642535446	###,##
	180	100	63642535447	###,##
	220	100	63642535448	###,##
	240	100	63642535449	###,##
	280	100	63642535450	###,##
	320	100	63642535451	###,##
	400	100	63642535452	###,##
	600	100	63642535454	###,##
	800	100	63642535455	###,##
	 150 15 holes	80	100	66254405888
120		100	66254405884	###,##
150		100	66254405886	###,##
180		100	66254405889	###,##
220		100	66254405890	###,##
240		100	66254405902	###,##
320		100	66254405887	###,##
400		100	66254405904	###,##
500		100	66254405905	###,##
600		100	66254405906	###,##
800		100	66254405907	###,##
 150 17 holes		80	100	69957307036*
	120	100	69957307037*	###,##
	150	100	69957307039*	###,##
	180	100	69957307040*	###,##
	220	100	69957307041*	###,##
	240	100	69957307043*	###,##
	320	100	69957307044*	###,##
	400	100	69957307046*	###,##
	500	100	69957307048*	###,##
	600	100	69957307049*	###,##
	800	100	69957307050*	###,##

\* Made-to-order

## MADE-TO-ORDER AVAILABILITY

### HOLE PATTERNS

Other sizes and hole patterns available on request



GRIT AVAILABILITY	36	40	60	80	120	150	180	220	240	320	400	500	600
P64E	●	●	●	●	●	●	●		●	●			
P37C				●	●	●	●	●	●	●	●	●	●

DIMENSIONS D (mm)	MINIMUM ORDER QUANTITY
Up to 50	4000 pieces
51 up to 90	2500 pieces
91 up to 125	2000 pieces
126 up to 200	1000 pieces
201 up to 420	200 pieces
Over 421	25 pieces

### SAFETY TIPS

Only start to sand when the machine is 'up to speed', except on pneumatic random orbital machines which must be started with light pressure on the disc.

The machine should be operated with the disc making the smallest possible angle to the workpiece.

Use only light pressure at first when grinding with quick release backed discs.

The face of the abrasive should not be in contact with the floor or work bench.

Do not allow overheating of the disc to occur.

After use the machine should be stored carefully.

# QUICK RELEASE BACK-UP PADS

FOR ORBITAL SANDERS

## QUICK RELEASE BACK-UP PADS

Quick release discs must be used with the correct sized back-up pad. The diameter of the disc must be at least 2mm bigger than the back-up pad but no more than 4mm. Take care to fix the disc securely and centrally to the back-up pad.




### QUICK RELEASE BACK-UP PAD



- Foam back-up pads for Flexovit quick-release discs
- Industrial design
- High quality

## PRODUCT SELECTION GUIDE BACK-UP PADS

MACHINE	ATTACHMENT TYPE
Electrical angle grinder	M14
Festo orbital sander	M8
Other orbital sanders	5/16

BACK-UP PAD TYPE	DIA (mm)	THREAD	QTY	ART NO.	PRICE
Quick release back-up pad 	 125 9 holes	M8 + 5/16	1	69957384732	###,##
	 125 No holes	M14	1	66261052715	###,##



# FLOOR PADS

## FOR FLOOR SANDING MACHINES

Flexovit offers a solution for every stage of floor preparation; from stripping and cleaning, sanding between coats, finishing and polishing.

### BLACK SUPER STRIP JF178

A thick pad that is aggressive, durable and consistent, for wet stripping applications.

### RED BUFFER JF176

Generally used where a high gloss finish is desired when dry or spray buffing. It can also be used for light cleaning applications.

### BEIGE JF177

For buffing and polishing, good for light traffic areas.

### BLUE SUPER CLEAN JF181

For general duty scrubbing or heavy spray cleaning jobs buffing and polishing jobs designed to produce consistent performance and achieve a mirror gloss shine.

### GREEN SUPER SCRUB JF180

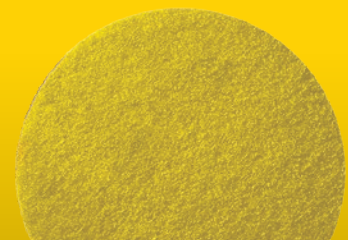
A heavy duty wet scrubbing pad that will remove the toughest scuff marks in heavily soiled traffic areas.

### WHITE SUPER GLOSS JF175

A non-abrasive polishing/ buffing pad, used dry or with a fine mist to yield a mirror gloss shine.

## GENERAL PURPOSE FLOOR PADS THICK

DIA (mm)	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.	PRICE
406	Alox	Black	JF178	5	63642586356	###,##
	Alox	Blue	JF181	5	63642586357	###,##
	Alox	Beige	JF177	5	63642586358	###,##
	Alox	Green	JF180	5	63642586359	###,##
	Alox	Red	JF176	5	63642586360	###,##
	N/A	White	JF175	5	63642586362	###,##

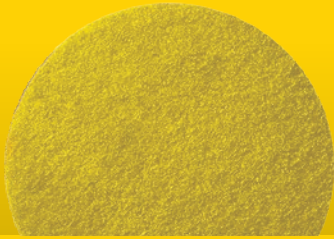


- Thick pads are heavy duty and hard wearing
- Long lasting and can be used multiple times before being worn out
- Colour coding provides quick, easy identification of the right pad for the job

# FLOOR PADS

FOR FLOOR SANDING MACHINES

## GENERAL PURPOSE FLOOR PADS THIN



- Thin floor pads are ideal when cost takes precedence over life
- Good performance in all applications
- Colour coding provides quick, easy identification of the right pad for the job

DIA (mm)	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.	PRICE
406	Alox	Black	JU014	10	63642586364	###,##
	Alox	Green	JF068	10	63642586365	###,##
	Alox	Beige	JF040	10	63642586366	###,##
	N/A	White	JF175	10	63642586367	###,##



## ABRASIVE WHEELS

FOR INDUSTRIAL APPLICATIONS

Flap wheels - spindle mounted	<b>90</b>
Flap wheels for angle grinders	<b>93</b>
Flap wheels for satinex machines	<b>94</b>
Flap wheels for bench / pedestal grinders	<b>96</b>
Convolute wheels for bench & pedestal grinders	<b>98</b>
Flexclean wheels for die grinders	<b>99</b>
Flexfinish wheels for die grinders	<b>100</b>



# FLAP WHEELS

## FOR SPINDLE MOUNTED MACHINES

Flap wheels are an ideal choice for a wide variety of blending, roughing, smoothing and polishing operations on materials such as steel, stainless steel, brass, wood, and synthetic materials. They are particularly appropriate where grinding or polishing work has to be carried out in a limited space, or when working on intricate shapes and contours as flap wheels conform superbly to the workpiece, whatever the shape.

Designed to deliver a consistent finish with a uniform cut rate, flap wheels are made of edges in abrasive cloth arranged radially about a resin core which incorporates a shaft. The flaps wear away as they're used continually exposing fresh abrasives. They are generally mounted on electrical and pneumatic portable machines or flexible shaft machines, and operate with a high rotary speed.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	MEGA-LINE PINK* CERAMIC	INDUSTRIAL LINE* ZIRCONIA	SPEEDOFLEX KX31Plus
	BEST ●●●●●	BETTER ●●●●	GOOD ●●●
Stainless steel, inox & duplex	●	◐	◐
Titanium, inconel & super alloys	●	◐	◐
Carbon, construction & mild steel	●	●	●
Cast iron	◐	●	●
Non-ferrous metal (brass/aluminium)	-	●	●
Wood	-	-	●

\* Only available as made-to-order

### APPLICATION GUIDE

COATED GRIT	COARSE - GRINDING				FINE - FINISHING			
	40	60	80	120	180	240	320	
<b>NON-WOVEN GRADE</b>	COARSE / EXTRA CUT				FINE			
Stock removal	●							
Roughing	●							
Preparing metal for painting		●	●					
Blending out medium machine marks		●	●					
Blending metal surfaces			●	●	●			
Applying light scratch patterns			●	●	●			
Fine blending and cleaning				●	●	●		
Metal finishing and polishing						●	●	

COATED/INTERLEAF FLAP WHEELS ← → NON-WOVEN FLAP WHEELS

# SPEEDOFLEX KX31 PLUS



DIA (mm)	GRIT	PK QTY	RECOMMENDED SPEED (RPM)	ART NO.	PRICE
20 x 10 x 6	60	10	14300 - 23900	66261162828	###,##
	80	10		66261168437	###,##
	120	10		66261168442	###,##
20 x 20 x 6	40	10	14300 - 23900	66261168440	###,##
	60	10		66261168437	###,##
30 x 10 x 6	60	10	9500 - 15900	66261168370	###,##
	80	10		66261168358	###,##
	120	10		66261168398	###,##
30 x 15 x 6	40	10	9500 - 15900	63642585429	###,##
	60	10		63642585432	###,##
	80	10		63642585434	###,##
	120	10		63642585435	###,##
30 x 20 x 6	40	10	9500 - 15900	63642523264	###,##
	60	10		63642523265	###,##
	80	10		63642520055	###,##
	120	10		66261168387	###,##
40 x 15 x 6	40	10	7100 - 12000	63642564831	###,##
	60	10		66261168293	###,##
	80	10		63642564832	###,##
	120	10		66261168318	###,##
40 x 20 x 6	40	10	7100 - 12000	63642585439	###,##
	60	10		63642585441	###,##
	80	10		63642585443	###,##
	120	10		63642585444	###,##
	150	10		63642585445	###,##
50 x 20 x 6	40	10	5700 - 9500	66261168366	###,##
	60	10		63642543478	###,##
	80	10		63642585447	###,##
	120	10		63642585449	###,##
50 x 30 x 6	40	10	5700 - 9500	63642585451	###,##
	60	10		63642585452	###,##
	80	10		63642585453	###,##
	120	10		63642585455	###,##
60 x 30 x 6	40	10	4800 - 7900	63642585456	###,##
	60	10		63642585463	###,##
	80	10		63642585464	###,##
	120	10		63642585465	###,##
	150	10		63642585466	###,##
	240	10		66261168335	###,##
60 x 40 x 6	40	10	4800 - 7900	66261168356	###,##
	60	10		63642585467	###,##
	80	10		63642585469	###,##
	120	10		63642585470	###,##
80 x 30 x 6	40	10	3600 - 6000	63642585471	###,##
	60	10		66261168290	###,##
	80	10		66261168303	###,##
	120	10		66261168314	###,##
80 x 50 x 6	40	10	3600 - 6000	66261168328	###,##
	60	10		63642585474	###,##
	80	10		63642585476	###,##
	120	10		63642585478	###,##
				63642585480	###,##



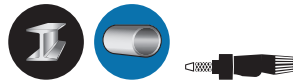
- Cut cooler and smoother, with our versatile & long-lasting premium aluminum oxide grain blend
- Flexible cotton backing enables wheel flaps to conform to the workpiece
- Strong cotton backing also add to durability for heavy stock removal
- Excellent wheel concentricity and balance, meaning stable grinding, and improved operator comfort

# FLAP WHEELS



- Interleaved aluminium oxide abrasive and Flexbrite non-woven material for great performance on both flat and uneven areas
- Wheels will not gauge the surface and produce a satin, mat finish on most metals

## FLEXBRITE



DIA (mm)	GRADE	CAP CODE	PK QTY	ART NO.	PRICE
60 x 30 x 6	Fine	F2401	10	63642586269	###,##
	Fine A interleaved 100g	F2401	10	63642586271	###,##
80 x 50 x 6	Fine	F2401	10	63642586274	###,##
	Fine A interleaved 100g	F2401	10	63642586277	###,##
	Extra Cut	F2302	10	63642586275	###,##
100 x 50 x 6	Fine	F2401	10	63642586278	###,##
	Fine A interleaved 100g	F2401	10	63642586280	###,##

## MADE-TO-ORDER AVAILABILITY

CAP CODE	36	40	60	80	120	150	180	240	320
Mega-Line Pink, ceramic grain on a polycotton backing		●	●	●	●				
Industrial Line - zirconia grain on a cotton backing	●	●	●	●	●	●			
Speedoflex - KX31Plus		●	●	●	●	●	●	●	●

DIMENSIONS (mm) D X B	MINIMUM ORDER QUANTITY
From 20 to 80mm with 6mm shaft	250 pieces

**MEGA-LINE PINK**  
FIND OUT MORE:  
[www.flexovit.com](http://www.flexovit.com)



Flexbrite wheels available as made-to-order on request

## SLOTTED FLAP WHEELS

Slotted flap wheels are available as made-to-order in diameters from 30 to 80mm with a 6mm diameter spindle by 40mm length. The additional slots on the flaps improve the flexibility, making it much more comfortable to use, reaching difficult-to-access areas and quickly profiling to the complex contours of the workpiece. Please contact your local sales rep for additional info.

## SAFETY TIPS

- Spindle mounted flap wheels must only be used on machines specifically manufactured for this purpose.
- Ensure that the wheels are mounted strictly in accordance with the manufacturer's instructions.
- Confirm that the wheel is centrally and securely mounted on the machine.
- Always respect the maximum operating speed printed on the product blotter.

## TECHNICAL INFO

Flap wheels with shaft achieve their best performance at a recommended speed of 15-25m/s. At that speed the stock removal, surface finish, thermal load of the workpiece and tool wear are optimised.

To prevent unnecessary tool wear do not increase the contact pressure too much, to increase the stock removal use a coarser grit size.

Increasing the cutting speed produces a finer surface finishing, a higher contact pressure creates a rougher finishing.

# FLAP WHEELS

## FOR ANGLE GRINDERS - M14 THREAD

Flap wheels with internal M14 thread are used on an angle grinder for sanding contours and uneven surfaces while delivering a consistent finish with an uniform cut rate when blending, deburring, and finishing in metal fabrication and welding industries.

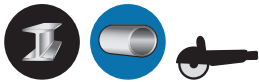
Flap wheels conform to intricate shapes and contours and are easy to operate; no adjustments, dressing or preparation is required before or during the operation.

### APPLICATION GUIDE

Highly recommended ●  
Recommended ◐

Stainless steel, inox	◐
Titanium, inconel & super alloys	◐
Carbon, construction & mild steel	●
Cast iron	●
Non-ferrous metal (brass/aluminium)	●
Wood	●

## SPEEDOFLEX KX31 PLUS



DIA (mm)	GRIT	PK QTY	RECOMMENDED SPEED (RPM)	ART NO.	PRICE
115 x 20	40	5	6700 - 8300	66261121437	###,##
	60	5		66261121438	###,##
	80	5		66261121439	###,##
	120	5		66261121440	###,##
125 x 20	40	5	6000-7700	66261121446	###,##
	60	5		66261121451	###,##
	80	5		66261121452	###,##
	120	5		66261121453	###,##



- Cut cooler and smoother, with our versatile & long-lasting premium aluminum oxide blend
- Excellent cut rate on low-pressure finishing operations
- Ensures perfect linear finish for repair & touch-up jobs
- Quick and easy to mount on angle grinder

## MADE-TO-ORDER AVAILABILITY

GAP CODE	36	40	60	80	120	150	180	240	320
Mega-Line Pink - ceramic grain on a polycotton backing		●	●	●	●				
Industrial Line - zirconia grain on a cotton backing	●	●	●	●	●	●			
Speedoflex - KX31Plus		●	●	●	●	●	●	●	●

DIMENSIONS (mm)	MINIMUM ORDER QUANTITY
115 or 125mm	20 pieces

### TECHNICAL INFORMATION

Flap wheels with internal M14 thread achieve their best performance at a recommended speed of 40-50m/s. At this speed, abrasive flaps stand up straight due to centrifugal force and only the edges are in contact with the workpiece, optimising stock removal, surface finish, and thermal load of the workpiece and tool wear.

To prevent unnecessary tool wear, use a coarser grit size instead of increasing contact pressure.



# FLAP WHEELS FOR SATINEX MACHINES

These versatile wheels are used on portable machines and are compatible with the most commonly used systems in the market. Satinex wheels consist of a core of radially bonded strips of abrasive flaps. Ideal solution for decorative and satin finishes, light deburring, blending, polishing, removing oxide coatings on stainless steel and non-ferrous metals and also for smoothing wooden surfaces.

Their design makes them ideal for fine gridding work on large areas and uneven surfaces while delivering a consistent finish with a uniform rate of cut. The product structure, abrasive flaps anchored by a resin core at the centre, provides higher flexibility and very smooth surface finish.

## PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	INDUSTRIAL LINE ZIRCONIA*	SPEEDOFLEX KX31 PLUS
	BETTER ●●●●	GOOD ●●●
Stainless steel, inox & duplex	●	◐
Titanium, inconel & super alloys	●	◐
Carbon, construction & mild steel	●	●
Cast iron	◐	●
Non-ferrous metal (brass/aluminium)	◐	●
Wood	-	●

\* Only available as made-to-order

## APPLICATION GUIDE

COATED GRIT	COARSE - GRINDING				FINE - FINISHING			
	40	60	80	120	180	240	320	
<b>NON-WOVEN GRADE</b>	<b>COARSE / EXTRA CUT</b>				<b>FINE</b>			
Stock removal	●							
Roughing	●							
Preparing metal for painting		●	●					
Blending out medium machine marks		●	●					
Blending metal surfaces			●	●	●			
Applying light scratch patterns			●	●	●			
Fine blending and cleaning				●	●	●		
Metal finishing and polishing						●	●	

COATED/INTERLEAF FLAP WHEELS ← → NON-WOVEN FLAP WHEELS

## SPEEDOFLEX KX31 PLUS

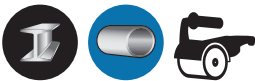


DIA (mm)	GRIT	RECOMMENDED SPEED (RPM)	PK QTY	ART NO.	PRICE
100 x 50 x 19,1	40	2900-5800	1	66261140479	###,##
	60		1	66261140459	###,##
	80		1	66261140460	###,##
	120		1	66261140461	###,##
	180		1	66261140480	###,##
100 x 100 x 19,1	40	2900-5800	1	66261140482	###,##
	60		1	66261140462	###,##
	80		1	66261140463	###,##
	120		1	66261140464	###,##
	180		1	66261140483	###,##



- Cut cooler and smoother, with our versatile & long-lasting premium aluminum oxide blend
- Flexible cotton backing conforms to the workpiece
- Multipurpose product for use on portable machines where the wheel must fit on an existing 19,1mm arbour
- Ensures perfect linear finish for repair & touch-up jobs

## FLEXBRITE SATINEX



DIA (mm)	GRADE	CAP CODE	PK QTY	ART NO.	PRICE
<b>STANDARD WHEELS</b>					
110 x 100 x 19	Coarse	F2204	1	63642586251	###,##
	Medium	F2309	1	63642586256	###,##
	Fine	F2405	1	63642586257	###,##
	Very fine	F2528	1	63642586258	###,##
<b>INTERLEAVED WHEELS</b>					
110 x 100 x 19	Coarse + P80	F2204	1	63642586259	###,##
	Medium + P150	F2309	1	63642586260	###,##



### STANDARD WHEELS

- Wide range of different grades for applications, from rust removal to a satin finish
- Generates an excellent linear finish

### INTERLEAVED WHEELS

- Less conformable, more aggressive abrasive flap versions for stock removal and finishing

## TECHNICAL INFORMATION

Flange mounted flap wheels achieve their best performance at a recommended speed of 15-30m/s. At this speed, abrasive flaps stand up straight due to centrifugal force and only the edges are in contact with the workpiece, optimizing stock removal, surface finish, thermal load of the workpiece and toll wear

To prevent unnecessary tool wear, use a coarser grit size instead of increasing contact pressure.

## MADE-TO-ORDER AVAILABILITY

CAP CODE	36	40	60	80	120	150	180	240	320
Industrail line - zirconia grain on a cotton backing	●	●	●	●	●	●			
Speedoflex - KX31Plus		●	●	●	●	●	●	●	●

DIMENSIONS (mm)	MINIMUM ORDER QUANTITY
115 or 125mm	20 pieces

Flexbrite wheels available as made-to-order on request



# FLAP WHEELS

## FOR BENCH / PEDESTAL GRINDERS

Flange mounted flap wheels have a continual rate of wear as they constantly expose new abrasive grains when in use. Ideal for sanding contours and uneven surfaces as they conform well to intricate shapes thanks to the flap construction. The product structure; abrasive flaps anchored by a resin core at the centre have great flexibility and a very smooth surface finish. A consistent finish is always maintained due to the uniform cut rate. Wheels can be used for blending, deburring and finishing applications in metal fabrication, welding and polishing.

### PRODUCT SELECTION GUIDE

- Highly recommended ●
- Recommended ◐



MATERIALS	SPEEDOFLEX KX31 PLUS
	<b>GOOD</b> ●●●
Stainless steel, inox & duplex	◐
Titanium, inconel & super alloys	◐
Carbon, construction & mild steel	●
Cast iron	●
Non-ferrous metal (brass/aluminium)	●
Wood	●

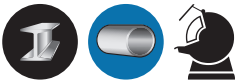
### APPLICATION GUIDE

COATED GRIT	COARSE - GRINDING				FINE - FINISHING			
	40	60	80	120	180	240	320	
<b>NON-WOVEN GRADE</b>	<b>COARSE / EXTRA CUT</b>				<b>FINE</b>			
Stock removal	●							
Roughing	●							
Preparing metal for painting		●	●					
Blending out medium machine marks		●	●					
Blending metal surfaces			●	●	●			
Applying light scratch patterns			●	●	●			
Fine blending and cleaning				●	●	●		
Metal finishing and polishing						●	●	

COATED/INTERLEAF FLAP WHEELS ← → NON-WOVEN FLAP WHEELS



## SPEEDOFLEX KX31 PLUS

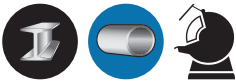


DIA (mm)	GRIT	PK QTY	RECOMMENDED SPEED (RPM)	ART NO.	PRICE
165 x 50 x 54	40	1	4300 - 4900	69957394000	###,##
	60	1		69957394064	###,##
	80	1		69957394001	###,##
	120	1		69957394002	###,##



- Versatile & long-lasting premium aluminum oxide blend, suitable for use on steels, non-ferrous metals and wood
- Excellent cut rate on low-pressure finishing operations
- For handheld and fixed machines

## FLEXBRITE



DIA (mm)	GRADE	ABRASIVE	CAP CODE	PK QTY	ART NO.	PRICE
150 x 20 x 25	Coarse	Alox	PBF D05	1	66261175148	###,##
	Medium	Alox	PBF D05	1	66261175164	###,##
	Very fine	SIC	PBF D05	1	66261175165	###,##
150 x 50 x 25	Coarse	Alox	PBF D05	1	66261175149	###,##
	Medium	Alox	PBF D05	1	66261175166	###,##
	Fine	Alox	PBF D05	1	66261175167	###,##
	Very fine	SIC	PBF D05	1	66261175168	###,##
200 x 51 x 76	Medium	Alox	F2301	1	63642588146	###,##
	Very fine	Alox	F2501	1	63642588147	###,##
	Very fine	SIC	F4501	1	63642588151	###,##



- The most conformable of all Flexbrite wheels
- Ideal for use on contoured surfaces & parts with awkward geometry
- Gentle cushioning action achieves a consistent & uniform finish with no risk of gouging

## MADE-TO-ORDER AVAILABILITY

CAP CODE	36	40	60	80	120	150	180	240	320
Industrial line - zirconia grain on a cotton backing	●	●	●	●	●	●			
Speedoflex - KX31Plus		●	●	●	●	●	●	●	●

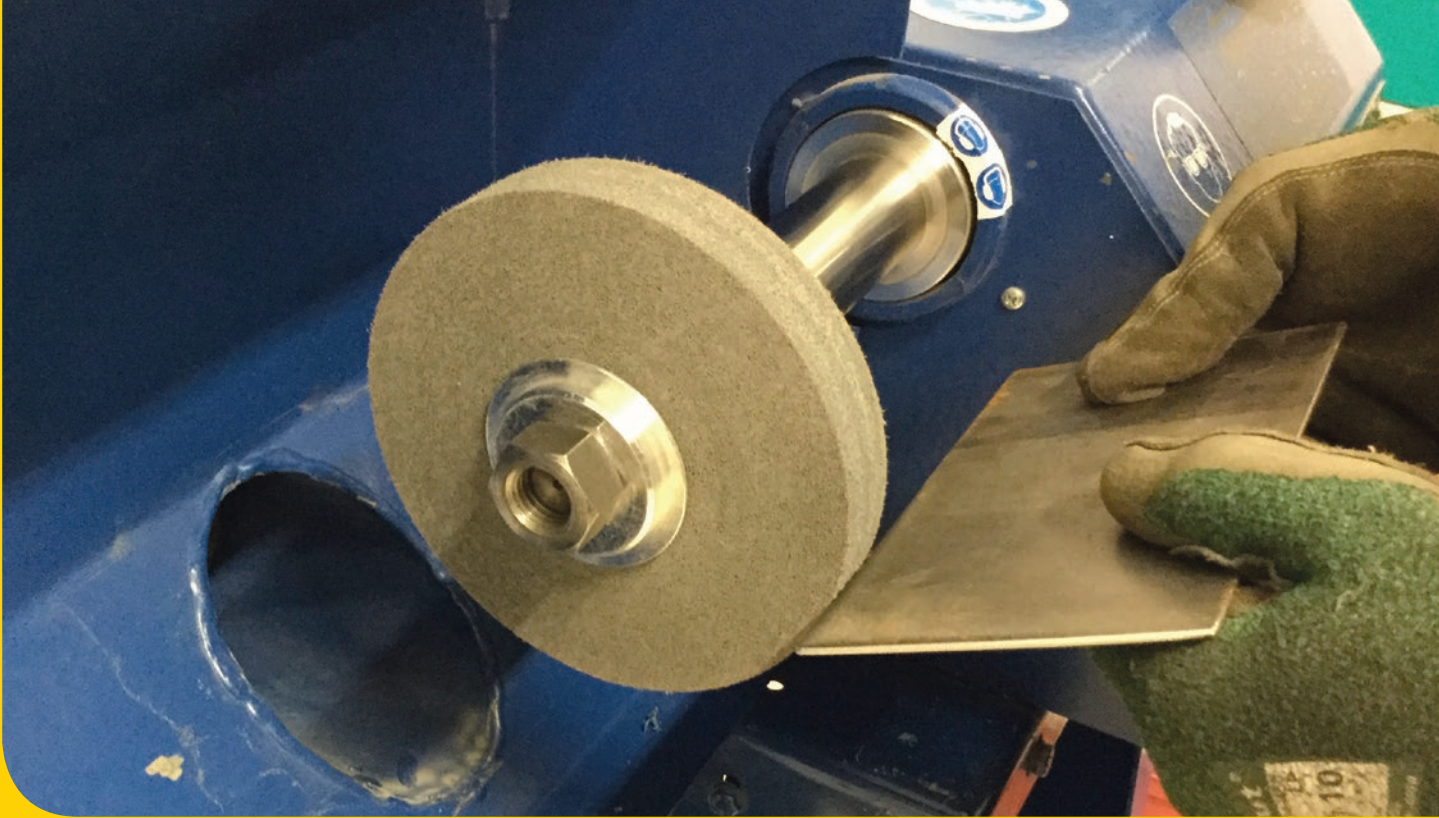
DIMENSIONS (mm)	MINIMUM ORDER QUANTITY
All diameters	10 pieces

Flexbrite wheels available as made-to-order on request

## TECHNICAL INFORMATION

Flange mounted flap wheels achieve their best performance at a recommended speed of 38-42m/s. At this speed, abrasive flaps stand up straight due to centrifugal force and only the edges are in contact with the workpiece, optimising stock removal, surface finish, and thermal load of the workpiece and tool wear.

To prevent unnecessary tool wear, use a coarser grit size instead of increasing contact pressure.



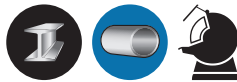
# CONVOLUTE WHEELS

## FOR BENCH & PEDESTAL GRINDERS



- Best choice for deburring, blending, and finishing on all materials including metals, wood, glass on a bench grinder
- Smear and heat resistant so will not contaminate the workpiece in light deburring applications.
- Wheels of 8 & 9 have a higher density, those with 7 have a more open construction

### SERIES 1000



DIA (mm)	GRADE	CAP CODE	DENSITY	PK QTY	ART NO.	PRICE
150 x 25 x 25	Fine	C4408	8	1	63642588971	###,##
	Fine	C4408	9	1	63642588982*	###,##
	Medium	C4308	7	1	63642588989	###,##
200 x 25 x 76	Fine	C4408	7	1	63642588981*	###,##
200 x 50 x 76	Fine	C4408	7	1	63642589832*	###,##
	Fine	C4408	8	1	63642588958*	###,##

\* Made-to-order

# FLEXCLEAN WHEELS

## FOR DIE GRINDERS

### FLEXCLEAN



DIA (mm)	GRADE	MAX RPM	PK QTY	ART NO.	PRICE	
<b>STANDARD WHEELS WITH CENTRE HOLE</b>						
100 x 12	Extra coarse	8000	25	63642586215	###,##	
150 x 12		5500	15	63642586216	###,##	
200 x 12		4500	5	63642586218	###,##	
<b>HOOK &amp; LOOP BACKING</b>						
125	Extra coarse	10000	10	63642586221*	###,##	
150		8000	10	63642587597*	###,##	
<b>HOOK &amp; LOOP BACKING DIAMETER (mm)</b>						
Small Area (1 disc)	75 x 13 x 6	Extra Coarse	10000	10	63642586229	###,##
	100 x 13 x 6		8000	10	63642586235	###,##
	150 x 13 x 8		6000	5	63642586238	###,##
Large Area (2 discs)	75 x 25 x 6	Extra Coarse	10000	5	63642586242	###,##
	100 x 25 x 6		8000	5	63642586243	###,##
	150 x 25 x 8		6000	5	63642586245	###,##

<b>ACCESSORIES</b>					
DIA (mm)	SHANK	PK QTY	ART NO.	PRICE	
up to 150mm	ø6mm	1	7660707022	###,##	
up to 200mm	ø6mm	1	7660707023	###,##	

\* Available as made-to-order only



- Silicon carbide grain bonded to an open web construction for fast cleaning and removal of coatings from wood, metal and plastic
- Extra coarse grain ensures an aggressive cutting action
- Small wheels are ideal for intricate and hard to reach areas, whilst larger dimensions strip large areas quickly



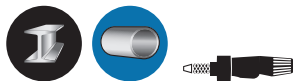
# FLEXFINISH WHEELS

## FOR DIE GRINDERS



- Bonded layers of non-woven material are compressed to offer excellent performance in deburring, cleaning, removing sharp edges and finishing on all metal surfaces
- Different combinations of grain and resin offer different properties depending on the job
- Wheels hold their shape, meaning less down time spent dressing and reshaping
- The uniform wheel construction ensures even wear to maintain part integrity, preventing cutting or gauging
- The smear resistant formula prevents smearing and costly rework

### FLEXFINISH



DIA (mm)	GRADE	ABRASIVE	CAP CODE	PK QTY	ART NO.	PRICE
75 x 3 x 6	NEX 8 Medium	Alox	U2301	20	63642586355	###,##
75 x 6 x 6	NEX-2 Medium	Alox	U2301	10	63642586286	###,##
	NEX-2 Fine	SIC	U4401	10	63642586289	###,##
	NEX-4 Fine	Alox	U2401	10	63642586287*	###,##
	NEX-6 Fine	Alox	U2401	10	63642586290	###,##
	NEX-8 Medium	Alox	U2301	10	63642586292	###,##
150 x 6 x 12	NEX 2 Medium	Alox	U2301	10	66261019411	###,##
	NEX 2 Fine	SIC	U4401	10	66261019415	###,##
	NEX 6 Medium	Alox	U2301	10	66261019413*	###,##
150 x 13 x 12	NEX 2 Fine	SIC	U4401	5	63642586346	###,##
200 x 25 x 25	NEX-2 Medium	Alox	U2301	5	63642586296	###,##
	NEX-2 Fine	SIC	U4401	5	63642586298*	###,##
150 x 50 x 25,4	Coarse	Alox	FBR H04	1	66261175151	###,##
	Fine	Alox	FBR H02	1	66261175162	###,##

#### ACCESSORIES

SPEC	THICKNESS	BORE (mm)	PK QTY	ART NO.	PRICE
M 3-6	Up to 6mm	6	1	63642586234	###,##
M 3 L 6	From 6mm to 12mm	3-6	1	63642586236	###,##
M 22 EXL 6	From 12mm to 25mm	13	1	63642586239	###,##

\* Made-to-order

## ABRASIVE ROLLS

FlexiMesh	102
Cloth rolls in a box	104
Paper & cloth rolls	107
Flexbrite rolls	110
Soft rolls	111

FOR INDUSTRIAL APPLICATIONS

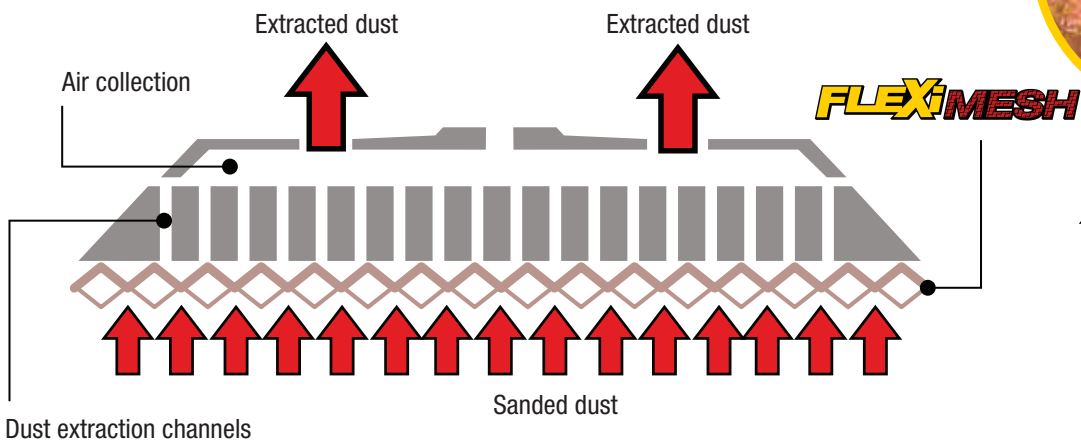




## NEW FLEXIMESH FOR HAND SANDING

### POWERFUL DUST EXTRACTION MEANS A CLEANER ENVIRONMENT

The demand for a cleaner working environment, better quality finish and reduced consumable cost, means sanding solutions have evolved, from paper backed abrasive to a mesh construction with thousands of tiny holes. FlexiMesh responds to these demands by offering dust extraction in many operations. The open mesh construction of the backing allows dust particles to flow freely through thousands of tiny holes, creating a virtually dust free sanding environment. Better for your health, better for your application and better for your business!



## NEW FLEXIMESH CERAMIC



DIM	GRIT	PK QTY	BOX QTY	ART NO.	PRICE
75mm x 10m	P80	1	1 x 4	78072701976	###,##
	P120	1	1 x 4	78072701977	###,##
	P180	1	1 x 4	78072701978	###,##
	P240	1	1 x 4	78072701979	###,##
	P320	1	1 x 4	78072701980	###,##
	P400	1	1 x 4	78072701983	###,##



- Ceramic grain provides the highest material removal
- Best productivity
- Longest life and fine finish

## NEW FLEXIMESH ALUMINIUM OXIDE



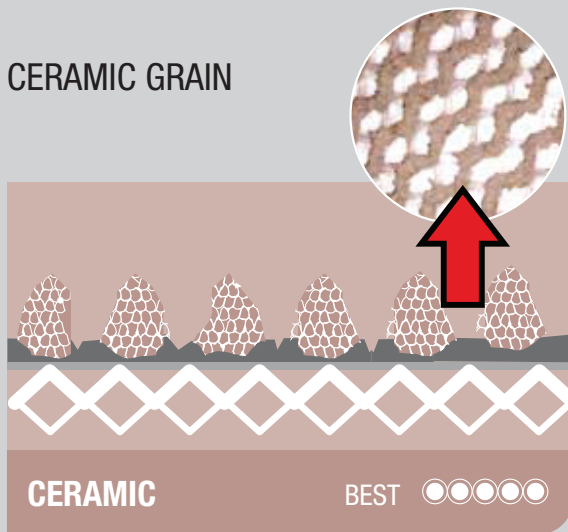
DIM	GRIT	PK QTY	BOX QTY	ART NO.	PRICE
75mm x 10m	P80	1	1 x 4	78072701815	###,##
	P120	1	1 x 4	78072701816	###,##
	P180	1	1 x 4	78072701818	###,##
	P240	1	1 x 4	78072701819	###,##
	P320	1	1 x 4	78072701820	###,##
	P400	1	1 x 4	78072701821	###,##



- Aluminium oxide grain for consistent cutting performance
- Good productivity
- Good disc life

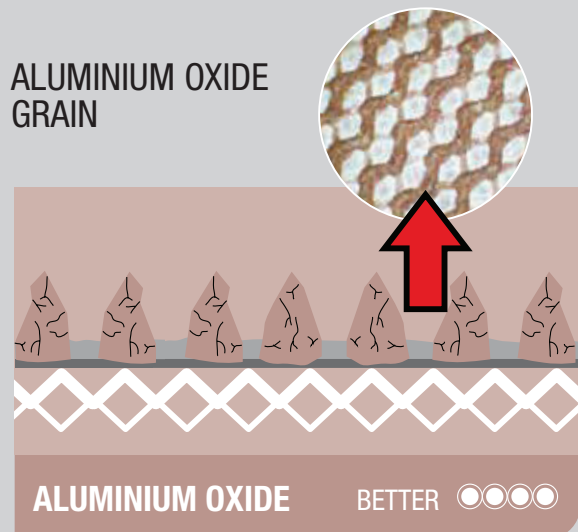
## WHY CHOOSE A CERAMIC ABRASIVE?

### CERAMIC GRAIN



Very tough grain, fracturing constantly to expose sharp cutting edges time and time again.

### ALUMINIUM OXIDE GRAIN



A sharp cutting grain, which wears evenly during use.



# CLOTH BACKED ROLLS FOR HAND SANDING

The superior flexibility of the cloth backing and wide grit range make Flexovit handy rolls excellent for deburring, rust removal and even finishing applications in hard to reach, curved and profiled applications on wood or metal. Easy to tear off in smaller strips. Rolls are packed in a convenient dispenser unit for additional protection as well as neat, and easy storage.

## PRODUCT SELECTION GUIDE

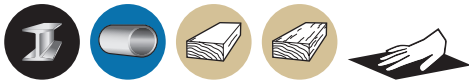
Highly recommended ●  
Recommended ◐



MATERIALS	MEGA-LINE KF271	SPEEDOFLEX K20N
	<b>BEST</b> ●●●●●	<b>GOOD</b> ●●●
General purpose (metal, wood, etc.)	●	●
Scouring and light deburring	●	◐
Scale and rust removal		●
Blending and fine sanding	●	◐
Polishing lathe turnings, rolls and cylinders, and blending machine tool marks	●	◐



## MEGA-LINE KF271



DIM WxL	GRIT	PK QTY	ART NO.	PRICE	
25mm x 25m	40	1	63642585733	###,##	
	60	1	63642585736	###,##	
	80	1	63642585737	###,##	
	100	1	63642585738	###,##	
	120	1	63642585739	###,##	
	150	1	63642585740	###,##	
	180	1	63642585743	###,##	
	220	1	63642585744	###,##	
	240	1	63642585745	###,##	
	320	1	63642585747	###,##	
38mm x 25m	40	1	63642570216	###,##	
	50	1	63642559129	###,##	
	60	1	63642515525	###,##	
	80	1	63642512992	###,##	
	100	1	63642512993	###,##	
	120	1	63642512994	###,##	
	150	1	63642512995	###,##	
	180	1	63642512996	###,##	
	220	1	63642512997	###,##	
	240	1	63642512998	###,##	
	320	1	63642559092	###,##	
	400	1	63642570213	###,##	
	50mm x 25m	40	1	63642559076	###,##
		50	1	63642559073	###,##
60		1	63642559067	###,##	
80		1	63642559066	###,##	
100		1	63642559064	###,##	
120		1	63642559062	###,##	
150		1	63642559061	###,##	
180		1	63642559059	###,##	
220		1	63642559057	###,##	
240		1	63642559055	###,##	
320		1	63642559052	###,##	
400		1	63642585753	###,##	



- Sharp aluminium oxide grain for aggressive cutting action
- Grain is harder than standard aluminium oxide, so doesn't break down easily providing long product life
- Heavy cotton cloth backing provides great flexibility for use on curved and contoured surfaces and can be torn easily from the box to the desired length
- For use on wood and metal, can be used by hand and machine
- Dispenser unit for easy storage and product protection

# CLOTH BACKED ROLLS

FOR HAND SANDING



- Aluminium oxide grain for general applications on wood and metal
- Cotton cloth backing with open density for flexibility on curved surfaces
- Easy to tear off from the roll and tear into strips
- Dispenser unit for easy storage and product protection

**FIND OUT MORE**  
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## SPEEDOFLEX K20N



DIM WxL	GRIT	PK QTY	ART NO.	PRICE
25mm x 25m	40	1	69957354662	###,##
	60	1	69957354776	###,##
	80	1	69957354837	###,##
	100	1	69957354870	###,##
	120	1	69957354661	###,##
	150	1	69957353962	###,##
	180	1	69957354872	###,##
	220	1	69957355257	###,##
	320	1	69957359909	###,##
	400	1	69957359910	###,##
38mm x 25m	40	1	69957312251	###,##
	60	1	69957312253	###,##
	80	1	69957312255	###,##
	100	1	69957312256	###,##
	120	1	63642589847	###,##
	150	1	69957375078	###,##
	180	1	69957375079	###,##
	220	1	69957375080	###,##
	320	1	69957359905	###,##
	400	1	69957359906	###,##
50mm x 25m	40	1	69957372974	###,##
	60	1	69957371611	###,##
	80	1	69957372226	###,##
	100	1	69957375081	###,##
	120	1	69957372293	###,##
	150	1	69957375082	###,##
	180	1	63642592951	###,##
	220	1	69957375677	###,##
	320	1	69957359907	###,##
	400	1	69957359908	###,##



# PAPER & CLOTH BACKED ROLLS

## FOR HAND & MACHINE SANDING APPLICATIONS

Coated abrasive rolls are ideal for fast easy sanding, light deburring and polishing of wood, paint, metal, plaster, rust and scale. Engineered for flexibility and fast cutting, they can be torn to exact lengths as needed.

Select cloth or paper backing depending application requirements, for more details see product selection guide.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐

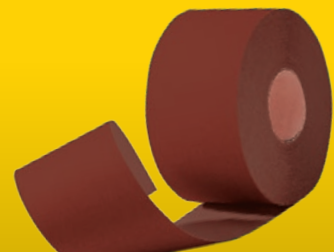


MATERIALS	MEGA-LINE KF271	MEGA-LINE P64E	INDUSTRIAL LINE P37C PREMIER RED	SPEEDOFLEX PE173
	BEST ●●●●●	BEST ●●●●●	BETTER ●●●●	GOOD ●●●
Metal	●	◐		
Wood	◐	●	◐	◐
Primer / paint / varnish		◐	●	◐

### MEGA-LINE KF271



DIM WxL	GRIT	PK QTY	ART NO.	PRICE
100mm x 50m	40	1	66261165506	###,##
	60	1	66261165517	###,##
	80	1	66261165523	###,##
	100	1	66261165529	###,##
	120	1	66261165535	###,##
	150	1	66261165541	###,##
	180	1	66261165549	###,##
	240	1	66261165555	###,##
	320	1	66261165564	###,##



- Tough aluminium oxide abrasive grain is ideal for hard materials like carbon steel, alloys and hard woods
- Cloth backing is flexible so the roll can be torn to size for use by machine or hand
- If used by hand, the flexible cotton backing conforms to profiled surfaces

# PAPER & CLOTH ROLLS

FOR HAND & MACHINE SANDING APPLICATIONS



- Tough aluminium oxide grain brings a consistent finish in sanding and finishing jobs
- Heavy paper backing supports aggressive applications
- Clogging of the roll is reduced thanks to the open coat layer, extending life and reducing overall abrasive costs
- The ideal product when performance and speed of work on wood, metal, plastic, filler or primer is key

## MEGA-LINE P64E



DIM WxL	GRIT	PK QTY	ART NO.	PRICE
95mm x 25m	40	1	63642588303	###,##
	60	1	63642588304	###,##
	80	1	63642588305	###,##
	100	1	63642588306	###,##
	120	1	63642588307	###,##
100mm x 50m	150	1	63642588308	###,##
	40	1	63642585614	###,##
	60	1	63642585618	###,##
	80	1	63642585620	###,##
	120	1	63642585621	###,##
115mm x 25m	150	1	63642585623	###,##
	180	1	63642585624	###,##
	40	1	63642588309	###,##
	60	1	63642588310	###,##
	80	1	63642588311	###,##
	100	1	63642588312	###,##
	120	1	63642588313	###,##
	150	1	63642588314	###,##



- Aluminium oxide abrasive for good cut rate and consistent scratch pattern for a quality result from start to finish
- Reinforced light paper backing provides flexibility
- Stearate layer applied to the grain resists dust build up and clogging, extending roll life so you can work for longer without changing the product, saving time and consumable cost

## INDUSTRIAL LINE P37C PREMIER RED

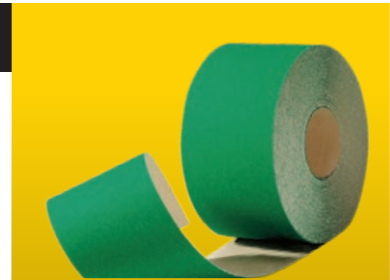


DIM WxL	GRIT	PK QTY	ART NO.	PRICE
115mm x 50m	80	1	63642535506	###,##
	120	1	63642535507	###,##
	150	1	63642535508	###,##
	180	1	63642535509	###,##
	220	1	63642535510	###,##
	240	1	63642535511	###,##
	280	1	63642535512	###,##
	320	1	63642535513	###,##
	400	1	63642535514	###,##
	500	1	63642535515	###,##
	600	1	63642535516	###,##

## SPEEDOFLEX PE173



DIM WxL	GRIT	PK QTY	ART NO.	PRICE
95mm x 25m	60	1	69957354079	###,##
	80	1	69957354351	###,##
	120	1	69957354613	###,##
	150	1	69957354618	###,##
115mm x 25m	60	1	69957354628	###,##
	80	1	69957354634	###,##
	120	1	69957354659	###,##
	150	1	69957354660	###,##



- Standard aluminium oxide abrasive for good initial material removal
- Heavy paper backing supports good resistance in heavy and medium pressure applications
- A good general-purpose product for sanding wood and plaster when price is an important factor over performance

## MADE-TO-ORDER AVAILABILITY

PRODUCT	36	40	60	80	100	120	150	180	220	240	280	320	400	500	600
Mega-Line - KF271 flexible cotton cloth		●	●	●	●	●	●	●	●	●	●	●	●		
Mega-Line - P64E heavy paper	●	●	●	●		●	●	●		●		●			
Industrial Line - P37C light paper				●		●	●	●	●	●		●	●	●	●
Speedoflex - PE173 affordable paper	●	●	●	●		●	●								

WIDTH	MINIMUM ORDER QUANTITY
Up to 25 mm	20 pieces
26 up to 50mm	12 pieces
51 up to 100 mm	4 pieces
101 up to 200mm	2 pieces
Over 201mm	1 pieces



# FLEXBRITE SLIT ROLLS

## FOR HAND & MACHINE SANDING



- Flexible 3D Flexbrite material in roll form for for hand and machine use
- Ideal for various blending and finishing applications on a variety of substrates

### FLEXBRITE SLIT ROLLS



DIM WxL	GRADE	ABRASIVE	COLOUR	CAP CODE	QTY	ART NO.	PRICE
100mm x 10m	Medium	Aluminium oxide	Maroon	F2300	2	63642558446	###,##
	Fine	Aluminium oxide	Maroon	F2401	2	63642586034	###,##
	Very fine Long life	Aluminium oxide	Maroon	F2504	2	63642586040	###,##
	Very fine A	Aluminium oxide	Maroon	F2560	2	63642586370	###,##
	Ultra fine	Silicon carbide	Grey	F4601	1	07660739661	###,##
	Ultra fine	Silicon carbide	Grey	F4660	2	63642558447	###,##
115mm x 10m	Coarse	Aluminium oxide	Maroon	F2200	1	7660739670	###,##
	Medium	Aluminium oxide	Maroon	F2309	1	66261163601	###,##
	Fine	Aluminium oxide	Maroon	F2400	1	66261164137	###,##
	Very fine	Aluminium oxide	Maroon	F2500	1	7660739658	###,##
	General purpose	Aluminium oxide	Green	F2568	2	63642515711	###,##
	Ultra fine	Silicon carbide	Grey	F4600	1	7660739660	###,##
125mm x 10m	Medium	Aluminium oxide	Maroon	F2300	2	63642558448	###,##
	Fine	Aluminium oxide	Maroon	F2401	2	63642586041	###,##
	Very fine Long life	Aluminium oxide	Maroon	F2504	2	63642586042	###,##
	Very fine A	Aluminium oxide	Maroon	F2560	2	63642586371	###,##
	Ultra fine	Silicon carbide	Grey	F4802	2	63642558449	###,##
	150mm x 10m	Very fine Long life	Aluminium oxide	Red	F2504	2	63642586045
Ultra fine		Silicon carbide	Grey	F4660	2	63642558450	###,##



# SOFT ROLLS

## FOR HAND & MACHINE SANDING

The flexible foam backing distributes sanding pressure during use preventing unwanted material removal on corners and edges. For fine sanding, contours & curves, achieving an outstanding finish on primers & top coats. Soft rolls are pre-perforated for easy tearing to desired length and come in a dispenser box for easy storage and accessibility.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ●



MATERIALS		INDUSTRIAL LINE P37C PREMIER RED
		BETTER ○○○○
Metal - fine sanding		●
Wood - fine sanding		●
Filler		●
Varnish / paint / primer		●
Composites /coatings		●

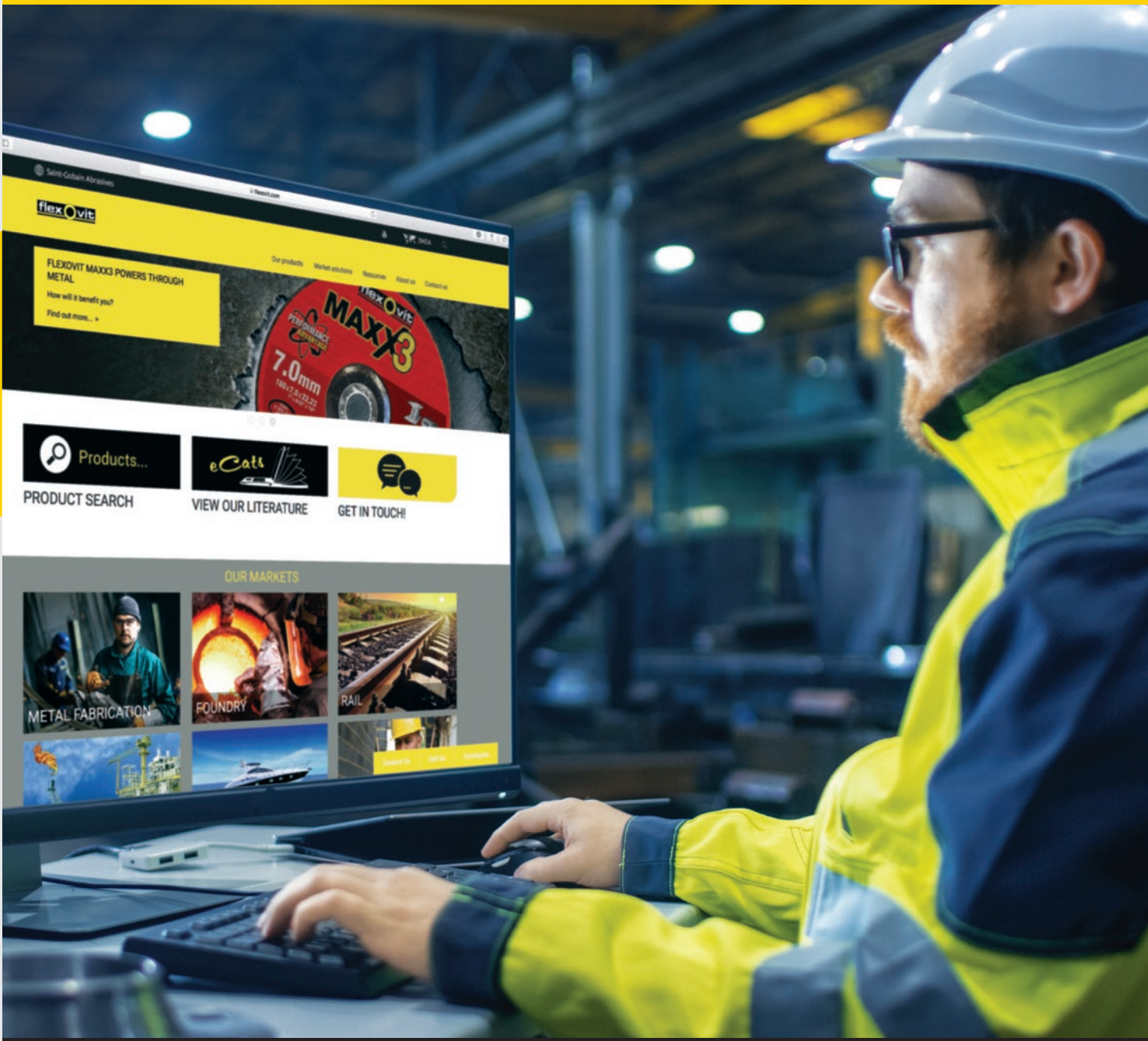
### INDUSTRIAL LINE P37C PREMIER RED



DIM WxL	GRIT	PK QTY	ART NO.	PRICE
115mm x 25m	150	1	63642535517	###,##
	180	1	63642535520	###,##
	220	1	63642535521	###,##
	240	1	63642535522	###,##
	280	1	63642535523	###,##
	320	1	63642535524	###,##
	400	1	63642535525	###,##
	500	1	63642535526	###,##
	600	1	63642535528	###,##
	800	1	63642535530	###,##
1000	1	63642535531	###,##	



- Exceptional flexibility, can be folded without cracking and conforms to contours
- Special steriate layer applied to the grain minimizes clogging for load resistance and extended life
- Pre-perforated rolls can be torn from the dispenser box to the desired length



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# SHEETS, PADS & SPONGES

FOR INDUSTRIAL APPLICATIONS

Hand sanding sheets	114
Flexbrite hand pads	117
Cut sheets	119
Abrasive sponges	122



# SHEETS

## FOR HAND SANDING APPLICATIONS

Flexovit offers a full range of sheets & hand pads for manual sanding operations. They are engineered for optimum performance when sanding metal, wood, composites and painted surfaces. The sheets are packed in protective packaging to eliminate curling, damage and for easy, neat storage.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	APPLICATION	MEGA-LINE KF271	INDUSTRIAL LINE P37C PREMIER RED	INDUSTRIAL LINE PC891 / PA891	SPEEDOFLEX K20N	SPEEDOFLEX A12N
		BEST ○○○○	BETTER ○○○	BETTER ○○○	GOOD ○○○	GOOD ○○○
Metal	Wet sanding			●		-
	Dry sanding	●			◐	-
Wood	Coarse sanding	●			◐	◐
	Light sanding & finishing	●	●		◐	◐
Varnish / paint / primer	Wet sanding			●		
	Dry sanding		●			◐



### MEGA-LINE KF271



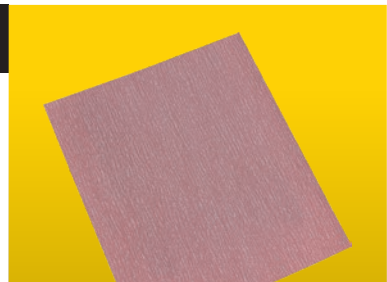
- Premium aluminium oxide grain is sharper and harder than standard grain for longer life and higher material removal
- Thick cotton cloth backing conforms to surface curves and contours
- Sheet can be folded or torn to desired shape for many different uses
- Excellent results on both wood and metal for stripping to finishing jobs

DIM WxL (mm)	GRIT	PK QTY	ART NO.	PRICE
230 x 280	40	25	63642585117	###,##
	50	25	69957392553	###,##
	60	25	63642585147	###,##
	80	50	63642585151	###,##
	100	50	63642585152	###,##
	120	50	63642585154	###,##
	150	50	63642585155	###,##
	180	50	63642585157	###,##
	220	50	63642585158	###,##
	240	50	63642585160	###,##
	320	50	63642585162	###,##
	400	50	63642585163	###,##

## INDUSTRIAL LINE P37C PREMIER RED



DIM WxL (mm)	GRIT	PK QTY	ART NO.	PRICE
230 x 280 	80	100	63642535480	###,##
	120	100	63642535484	###,##
	150	100	63642535485	###,##
	180	100	63642535486	###,##
	220	100	63642535487	###,##
	240	100	63642535488	###,##
	280	100	63642535489	###,##
	320	100	63642535490	###,##
	400	100	63642535492	###,##
	600	100	63642535493	###,##



- Tough aluminium oxide abrasive provides a great cut rate in sanding applications on wood
- Light weight paper backing is flexible and gives a smooth finish to speed up preparation for the next stage of the job
- The stearate layer applied to the grain reduces clogging and loading to extend the life of the sheet

## INDUSTRIAL LINE PC891 / PA891



DIM WxL (mm)	GRIT	PK QTY	ART NO.	PRICE
230 x 280 	80	50	63642585221	###,##
	100	50	63642585224	###,##
	120	50	63642585226	###,##
	150	50	63642585227	###,##
	180	50	63642585179	###,##
	220	50	63642585182	###,##
	240	50	63642585183	###,##
	280	50	63642585185	###,##
	320	50	63642585187	###,##
	360	50	63642585188	###,##
	400	50	63642585189	###,##
	500	50	63642585191	###,##
	600	50	63642585192	###,##
	800	50	63642585193	###,##
	1000	50	63642585195	###,##
1200	50	63642585196	###,##	



- Sharp, hard silicon carbide grain cuts easily through metal surfaces
- Use wet for best results and to extend product life
- The latex backing is waterproof and flexible allowing access to contours and can be torn for reaching awkward areas

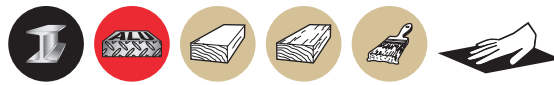
# SHEETS


FOR HAND SANDING APPLICATIONS



- Aluminium oxide abrasive provides a good cut rate for stripping, sanding and finishing
- The cotton backing provides flexibility for use on curves and contours
- Ideal product for small volume metal and wood and metal working where price takes precedence over performance

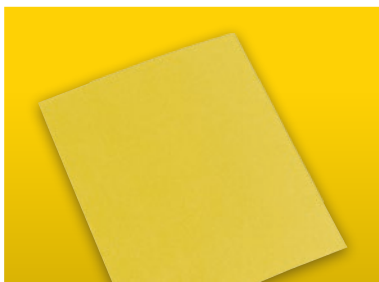
## SPEEDOFLEX K20N



DIM WxL (mm)	GRIT	PK QTY	ART NO.	PRICE
230 x 280 	40	25	69957374393	###,##
	60	25	69957312184	###,##
	80	50	69957374395	###,##
	100	50	69957312188	###,##
	120	50	69957312191	###,##
	150	50	69957312193	###,##
	180	50	69957372614	###,##
	220	50	69957372615	###,##
	320	50	69957345455	###,##
	400	50	69957345458	###,##

**FIND OUT  
MORE**


[www.flexovit.com](http://www.flexovit.com)



- Standard grade aluminium oxide grain which provides good initial material removal
- Standard grade paper backing is easy to tear for smaller applications
- Ideal multipurpose product for those looking for price over performance

## SPEEDOFLEX A12N



DIM WxL (mm)	GRIT	PK QTY	ART NO.	PRICE
230 x 280 	40	50	69957365395	###,##
	60	50	69957365394	###,##
	80	50	69957365396	###,##
	100	50	69957365397	###,##
	120	50	69957365398	###,##
	180	50	69957365399	###,##
	220	50	69957365400	###,##



# FLEXBRITE HAND PADS

Flexovit Flexbrite hand pads, discs and rolls are ideal for a broad range of hand applications from cleaning and finishing to deburring and light polishing. Flexbrite is a non-woven nylon fibre impregnated with abrasive grain, creating a 3D abrasive material, perfect for conforming to surfaces and providing a great, consistent cutting action without gouging the workpiece.

## FLEXBRITE HANDPAD AND ROLL MATERIAL

### CHARACTERISTICS (IN ORDER OF DECREASING AGGRESSION)

	CAP CODE ABRASIVE TYPE	GRADE	MATERIAL	APPLICATIONS	ADVANTAGES		
Dark Tan	<b>F2302</b> Aluminium Oxide	Extra Cut	All metals	Heavy duty rust removal, blending, deburring, grain finishing, removal of weld bluing on stainless steel.	Stiff, coarse and aggressive. Very durable and long life. Can be used in place of steel wool or wire brushes.		
Maroon	<b>F2300</b> Aluminium Oxide	Medium A	Metals, ceramics	Cleaning, deburring, rust and coating removal.	Strong material with open construction. Resistant to loading for long life. Creates a matt satin finish.		
Maroon	<b>F2401</b> Aluminium Oxide	Fine A	Wood, plastic, paint, lacquer, non-ferrous metals	Cleaning and finishing ferrous and non-ferrous metals, smoothing wood, denibbing lacquer, paint and plastic.	Coarse and stiff, yet still flexible. Provides a matt satin finish on a number of surfaces.		
Maroon	<b>F2560</b> Aluminium Oxide	Very fine A	Metals, automotive refinishing, wood, plastic	Rust removal, applying a key to primer, smoothing wood, denibbing plastic.	Highly conformable. Consistent surface finish. Versatile; can be used on a number of materials.		
Maroon	<b>F2504</b> Aluminium Oxide	Very fine A Long Life	Metals, automotive refinishing, wood, plastic. General purpose use.	Rust removal, applying a key to primer, smoothing wood, denibbing plastic. Light sanding old paint and fresh primer.	Fast cut rate. Flexible and durable. Consistent finish through life of product. Colour will not transfer when working with solvents.		
Green	<b>F2568</b> Alumina Silicate	General Purpose Clean & Scour	Metals, plastic	General purpose preparation for painting, removal light stains and oxidation on metal.	Durable nylon web. Good performance when cost takes precedence over performance.		
Dark Grey	<b>F4300</b> Silicon Carbide	Medium S	Stainless steel	Provides a satin finish, ideal for cleaning glass molds, finishing and removing weld bluing on stainless steel, to a bright finish.	Tough and conformable to irregular surfaces		
Grey	<b>F4660 / F4807</b> Silicon Carbide	Ultra fine S	Metals, automotive refinishing, wood, plastic and fibreglass, clearcoat, acrylic	Keying clearcoat and acrylic, finishing metal, deburring plastic, blending paint, scuffing varnish	Ultra fine grade abrasive. Softer, less aggressive for cleaning between coats.		
White	<b>F0001</b> None	Cleaning	Almost any surface including composites, metal, plastic, glass and ceramics	Light cleaning & polishing. Smoothing light primer and wood.	Highly conformable. Gentle yet tear resistant. Can be used with liquid detergents. Removes paint overspray.		Fine for light scuffing & blending

# FLEXBRITE HAND PADS

FOR HAND SANDING APPLICATIONS



- Hand pads are ideal for a broad range of applications from cleaning and finishing to deburring and light polishing operations
- Flexibility ensures constant contact with the surface and prevents cutting or gouging
- Can be folded for comfortable use

## HAND PADS



DIM WxL (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.	PRICE
152 x 229	Extra cut	Aluminium Oxide	Dark Tan	F2302	20	63642558441	###,##
	Medium	Aluminium Oxide	Maroon	F2300	20	63642558442	###,##
	Fine	Aluminium Oxide	Maroon	F2401	20	63642558443	###,##
	Very fine	Aluminium Oxide	Maroon	F2504	20	66261018452	###,##
	Gen/Purpose Clean & Scour	Aluminium Oxide	Green	F2568	20	66261018453	###,##
	Medium	Silicon Carbide	Black	F4300	20	66261039803	###,##
	Ultra fine	Silicon Carbide	Grey	F4660	20	63642586014	###,##
	Ultra fine	Silicon Carbide	Grey	F4807	20	77696046255	###,##
	White cleaning	None	White	F0001	20	63642585982	###,##



- Thinner special coated web design cuts faster, saves time, with no added effort from the user
- Product can be scrunched, rolled and saves shelf space
- Ultra flexible and conformable, ideal for tight spaces
- Versatile, can be used for woodworking, metalworking, maintenance operations and body repair

## THINBRITE HAND PADS



DIM WxL (mm)	GRADE	COLOUR	PK QTY	ART NO.	PRICE
115 x 230	Very fine A	Red	100	66261132462	###,##
	Very fine S	Grey	100	66261132463	###,##



# CUT SHEETS

## FOR HAND AND MACHINE APPLICATIONS

Cut sheets have a quick release backing that allows fast and easy product changing from the back-up pad. Made with premium abrasive grains for excellent cutting action, providing at same time a very uniform and high quality finish. Flexovit offers a full range of cut sheets, which depending on the grit size, are ideal for preparing primed & painted surfaces, stripping primer, varnish & paint, sanding plastic & fibreglass, light weld blending & deburring and sanding bare wood.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐

MATERIALS	APPLICATION	MEGA-LINE P64E	INDUSTRIAL LINE P37C PREMIER RED
		BETTER ○○○○	BETTER ○○○○
Metal	Coarse sanding	●	
	Finishing	◐	●
Wood	Coarse sanding	●	
	Light sanding & finishing	◐	●
Varnish / paint / primer	Coarse sanding	●	
	Light sanding & finishing	◐	●
Plaster	Coarse sanding	●	
	Finishing	◐	●

### HOLE PATTERNS

Flexovit offers a range of cut sheets with different hole patterns for dust extraction.  
Other hole patterns available on request.



80 × 133mm  
8 holes ø 10mm



115 × 230mm  
10 holes ø 10mm

# CUT SHEETS



FOR HAND AND MACHINE APPLICATIONS



- Tough aluminium oxide grain brings a consistent finish in sanding and finishing jobs
- Heavy paper backing supports aggressive applications
- Quick release fixing for quick, easy product changing, minimises down time
- Clogging of the sheet is reduced thanks to the open coat layer, extending product life and reducing your abrasive costs
- Very versatile products when performance and speed of work on wood, metal, plastic, filler or primer is key

## MEGA-LINE P64E





DIM WxL (mm)	GRADE	PK QTY	ART NO.	PRICE
80 x 133 	40	25	63642588488	###,##
	60	50	63642588489	###,##
	80	50	63642588490	###,##
	120	100	63642588492	###,##
	180	100	63642588494	###,##
115 x 230 	40	50	63642535652	###,##
	60	50	63642535653	###,##
	80	50	63642535655	###,##
	120	50	66261021943	###,##



- Aluminium oxide abrasive for faster cut rate and consistent scratch pattern for a quality result from start to finish
- Reinforced light paper backing provides better flexibility and finish than sheets with a heavier backing, sheets can even be folded for use by hand
- Stearate layer applied to the grain resists dust build up and clogging, extending product life so you can work for longer without changing the product, saving you time and consumable cost

## INDUSTRIAL LINE P37C PREMIER RED

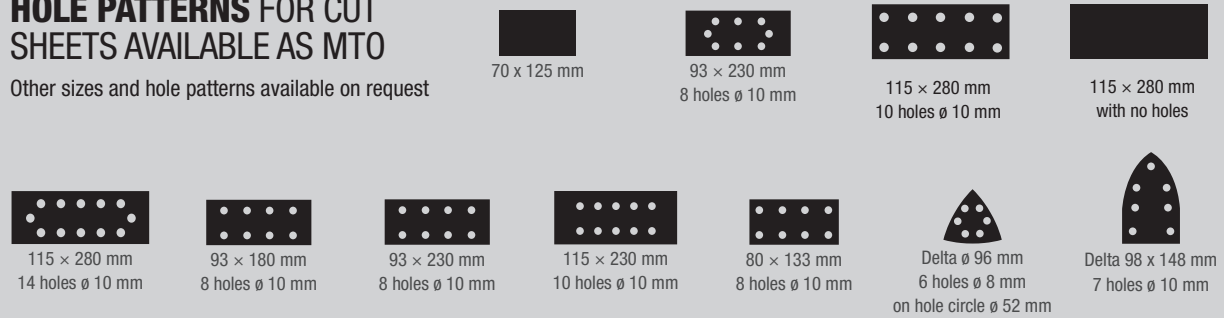


DIM WxL (mm)	GRADE	PK QTY	ART NO.	PRICE
80 x 133 	80	50	66261082259	###,##
	120	50	66261082265	###,##
	180	50	66261082266	###,##
	240	50	66261082269	###,##
	320	50	66623334143	###,##
	400	50	66623375694	###,##
	115 x 230 	80	100	63642535457
120		100	63642535467	###,##
180		100	63642535470	###,##
240		50	63642535473	###,##
320		50	63642535476	###,##
400		50	63642535478	###,##



## HOLE PATTERNS FOR CUT SHEETS AVAILABLE AS MTO

Other sizes and hole patterns available on request



## MADE-TO-ORDER AVAILABILITY

CAP CODE	GRAIN / BACKING	36	40	60	80	120	150	180	220	240	320	400	500	600
Mega-Line - P64E	Aluminium oxide heavy paper	●	●	●	●	●	●	●		●	●			
Industrial Line - P37C	Aluminium oxide reinforced light paper sheets				●	●	●	●	●	●	●	●	●	●

DIAMETER (mm)	MINIMUM ORDER QUANTITY
80 x 133	1000 pieces
93 x 180	1000 pieces
93 x 230	1000 pieces
115 x 230	1000 pieces
115 x 280	1000 pieces
Delta 96	2000 pieces
Delta 98 x 148	1000 pieces



# ABRASIVE SPONGES FOR HAND SANDING

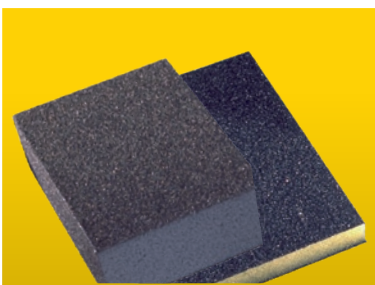
Abrasive sanding sponges are designed for use on wood, plaster, paint and metal. Their flexible nature means they can be used on curved, contoured and flat surfaces.

## PRODUCT SELECTION GUIDE

MATERIALS	APPLICATION	GRIT
All materials	Rough sanding	60
	Semi-finishing	100
	Finishing	180+

## APPLICATION GUIDE

GRIT	FINISH GENERATED EQUIVALENT TO:	APPLICATIONS
60	180/120	Scuffing, shaping filler
40	400/320	Feather edging, scuffing primer, and new parts before painting
180	600/600	Preparing panel for base coat



- Different abrasive grades in one sponge for multi-purpose usage
- Can be used wet or dry
- Conforms to curves and contours for a uniform finish
- Washable and reusable, won't lose grains or sharpness so sponge can be reused

## INDUSTRIAL LINE SPONGES



ABRASIVE	DIM WxLxH (mm)	GRIT	PK QTY	ART NO.	PRICE
Two sided abrasive	123 x 98 x 12,5	60	60	77696093995	###,##
		100	60	77696094014	###,##
Four sided abrasive	100 x 66 x 26	60	60	77696098472	###,##
		100	60	77696094093	###,##
		180	60	77696094095	###,##



## ABRASIVE BELTS

File belts	124
Portable belts	126
Narrow belts	128
Belts by dimension	131

FOR INDUSTRIAL APPLICATIONS





# FILE BELTS

## FOR FILE BELT MACHINES

Flexovit offers a wide range of file belts designed to deliver outstanding performance on intricate shapes and contours. Portable file belt sanders have replaced tedious hand filing and sanding. First introduced in pneumatic, they are now also available in electric. Increasingly, tool manufacturers are introducing additional fixtures for a greater range of applications. The belts listed are popular stock sizes, but additional sizes, specifications, backing materials, and edge scallops are available made-to-order should you require something bespoke.

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐

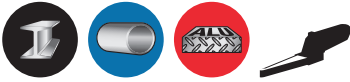


MATERIALS	MEGA-LINE SY798	INDUSTRIAL LINE SY674	SPEEDOFLEX MX240
	BEST ●●●●●	BETTER ●●●●	GOOD ●●●
Stainless steel, inox & duplex	●	◐	
Titanium, inconel & super alloys	●	◐	
Carbon, construction & mild steel		◐	
Cast iron		●	●
Non-ferrous metal (brass/aluminium)			●
Hard & soft wood			●

#### SUPERSIZE TREATMENT

Advanced supersize treatment is applied to the grain during manufacturing. It minimises heat, loading and glazing on stainless, titanium and super alloys, resulting in improved cut and finish quality with no burn marks on stainless steel to reduce rework operations.

## MEGA-LINE SY798



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
10 x 330	40	10	77696005445	###,##
	60	10	77696004752	###,##
	80	10	66261129846	###,##
15 x 475	40	10	66623332792	###,##
	60	10	77696067983	###,##
	80	10	66261114986	###,##
20 x 520	40	10	69957306270	###,##
	60	10	66261124226	###,##
	80	10	66261129845	###,##



- Premium ceramic abrasive grain stays sharp for long belt life
- Heavy polyester cotton backing supports aggressive material removal
- Supersize layer reduces heat generation, loading and glazing for consistent cut rate and less pressure required, even in heavy duty applications

## INDUSTRIAL LINE SY674



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
10 x 330	40	10	66623312535	###,##
	60	10	66623312540	###,##
	80	10	66623312541	###,##
20 x 520	40	10	66623312534	###,##
	60	10	66623312542	###,##
	80	10	66623312370	###,##



- Zirconia grain stays sharp thanks to its fracturing properties removing material consistently throughout the life of the belt
- Heavy polyester cloth backing supports aggressive material removal
- Recommended for all type of steels, from low to high pressure applications

## SPEEDOFLEX MX240



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
10 x 330	40	10	63642585988	###,##
	60	10	63642585992	###,##
	80	10	63642585993	###,##
	120	10	63642585994	###,##
13 x 454	40	10	63642586006	###,##
	60	10	63642586008	###,##
	80	10	63642586009	###,##
	120	10	63642586012	###,##
13 x 610	40	10	63642586017	###,##
	60	10	63642586018	###,##
	120	10	63642586021	###,##
20 x 520	40	10	63642590752	###,##
	60	10	63642590768	###,##
	80	10	63642590771	###,##



- Aluminium oxide abrasive for consistent cutting action
- Polycotton backing for good material removal
- Semi-open coat resists clogging on wood & metal



# PORTABLE BELTS FOR PORTABLE BELT MACHINES

Flexovit offers a wide variety of portable sanding belts, designed to fit the most common types of portable belt sander.

Portable belts are used for all metal and wood sanding applications. Choose coarse grit 40 for rough/heavy-duty applications, grit 60 or 80 for intermediate applications and P120 for finishing applications.

The belts are packed by 10 pcs in a protective packaging to eliminate waste and offer easy, neat storage.

### APPLICATION GUIDE

### T33X

Coarse sanding metal	●
Light sanding & finishing metal	●
Coarse sanding wood	●
Light sanding & finishing wood	●

Highly recommended ●  
Recommended ○



- Aluminium oxide grain cuts well even in low pressure applications
- Cotton backing supports good material removal
- Supplied with belt joints for easy mounting and smooth finish on floor and furniture applications

## SPEEDOFLEX T33X



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
30 x 533	40	10	63642585902	###,##
	60	10	63642585905	###,##
	80	10	63642585906	###,##
75 x 457	120	10	63642585907	###,##
	40	10	63642585881	###,##
	60	10	63642585883	###,##
	80	10	63642585885	###,##
75 x 533	100	10	63642585886	###,##
	120	10	63642585887	###,##
	40	10	63642585889	###,##
	60	10	63642585896	###,##
	80	10	63642585897	###,##
75 x 610	100	10	63642585898	###,##
	120	10	63642585900	###,##
	40	10	63642588534	###,##
	60	10	63642588539	###,##
	80	10	63642588540	###,##
	120	10	63642588542	###,##

DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
100 x 560	40	10	63642585922	###,##
	60	10	63642585926	###,##
	80	10	63642585927	###,##
	100	10	63642585929	###,##
	120	10	63642585934	###,##
100 x 610	40	10	63642585937	###,##
	60	10	63642585941	###,##
	80	10	63642585942	###,##
	100	10	63642585943	###,##
	120	10	63642585944	###,##
100 x 620	40	10	63642585947	###,##
	60	10	63642585949	###,##
	80	10	63642585950	###,##
	100	10	63642585952	###,##
	120	10	63642585953	###,##
100 x 690	40	10	63642579760	###,##
	60	10	63642579740	###,##
	80	10	63642579730	###,##
	100	10	63642579720	###,##
	120	10	63642579710	###,##
110 x 620	40	10	63642585956	###,##
	60	10	63642585957	###,##
	80	10	63642585958	###,##
	100	10	63642585959	###,##
	120	10	63642585960	###,##

### TECHNICAL INFORMATION

Sanding results depend on several factors, the most critical being grinding pressure. As a rule consider that higher pressure increases the cut rate but generally creates a rougher finish.



# NARROW BELTS FOR BACKSTAND MACHINES

A broad selection of sizes and grits for most dimensioning, intermediate grinding and polishing applications. The belts listed are popular stock sizes, but additional sizes, specifications, and backing materials are available made-to-order.

## PRODUCT SELECTION GUIDE

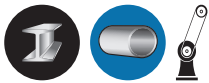
Highly recommended ●  
Recommended ◐



MATERIALS	MEGA-LINE SY798 BEST ●●●●●	INDUSTRIAL LINE SY674 BETTER ●●●●	SPEEDOFLEX SX373 GOOD ●●●
Stainless steel, inox & duplex	●	◐	
Titanium, inconel & super alloys	●	◐	
Carbon, construction & mild steel		◐	
Cast iron		●	●
Non-ferrous metal (brass/aluminium)			●
Hard & soft wood			●



## MEGA-LINE SY798



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
50 x 2000	36	10	66623339978	###,##
	40	10	66623304566	###,##
	60	10	66623337685	###,##
	80	10	63642577536	###,##
50 x 4000	36	10	63642577234	###,##
	40	10	66261146430	###,##
	60	10	69957306269	###,##
	80	10	66261146431	###,##
75 x 2000	36	10	66623304027	###,##
	40	10	66623304430*	###,##
	60	10	66623312654	###,##
	80	10	66623331556	###,##
100 x 920	36	10	69957313327*	###,##
	40	10	66623327399	###,##
	60	10	69957306268	###,##
	80	10	66623377735	###,##
100 x 1000	36	10	63642543458*	###,##
	40	10	63642575019*	###,##
	60	10	66623397189*	###,##
	80	10	66261146438*	###,##



- Premium ceramic abrasive grain stays sharp for long belt life
- Heavy polyester cotton backing supports aggressive material removal
- Supersize layer reduces heat generation, loading and glazing for consistent cut rate and less pressure required, even in heavy duty applications

## INDUSTRIAL LINE SY674



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
50 x 2000	40	10	66623312442	###,##
	60	10	66623312441	###,##
	80	10	66623312440	###,##
	120	10	66623312455	###,##
75 x 2000	36	10	66623312437	###,##
	40	10	66623312436	###,##
	50	10	66623315784	###,##
	60	10	66623312435	###,##
	80	10	66623312434	###,##
	120	10	66623312413	###,##
75 x 2500	36	10	66623312432	###,##
	40	10	66623315788	###,##
	60	10	66623312431	###,##
	80	10	66623312430	###,##
	120	10	66623312433	###,##
150 x 2000	36	10	66623312473	###,##
	40	10	66623312472	###,##
	60	10	66623312464	###,##
	80	10	66623312368	###,##

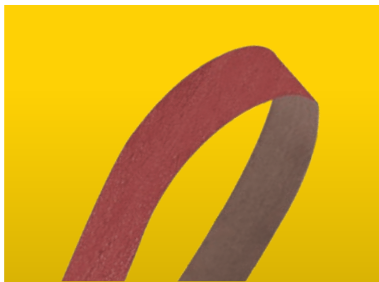


- Zirconia grain stays sharp thanks to its fracturing properties removing material consistently throughout the life of the belt
- Heavy polyester cloth backing supports aggressive material removal
- Recommended for all type of steels, from low to high pressure applications

\* Made-to-order

# NARROW BELTS

## FOR BACKSTAND MACHINES



- Aluminium oxide abrasive for good cut rate on metal and hard wood
- Heavy polyester backing supports aggressive material removal

### SPEEDOFLEX SX373



DIA (mm)	GRIT	PK QTY	ART NO.	PRICE
100 x 915	60	10	63642585979	###,##
	80	10	63642585980	###,##
	100	10	63642585984	###,##
	120	10	63642585986	###,##
75 x 2000	36	10	63642586052	###,##
	40	10	63642586053	###,##
	60	10	63642586056	###,##
	80	10	63642586059	###,##
	120	10	63642586060	###,##
	180	10	63642586062	###,##
	150 x 2000	36	10	63642593043*
40		10	69957332736	###,##
60		10	63642588378*	###,##
80		10	63642595089*	###,##
120		10	66261052650*	###,##

\* Made-to-order

## MADE-TO-ORDER AVAILABILITY

### FILE BELTS

CAP CODE	GRAIN/GRIT	24	36	40	50	60	80	100	120	150	180	240
Mega-Line SY798	Ceramic, Y-polyester supersize		●	●	●	●	●	●	●			
Industrial Line SY674	Norzon, Y-polyester	●	●	●	●	●	●	●	●			
Speedoflex MX240	Aluminium oxide, X-polycotton	●	●	●	●	●	●	●	●	●	●	●

DIMENSIONS (mm) D X B	MINIMUM ORDER QUANTITY
All file belts	200 pieces

#### PRO TIP

File belts can be run in both directions. Allow belts to run for at least 3 seconds before applying to the workpiece.

### PORTABLE BELTS

CAP CODE	GRAIN/GRIT	36	40	60	80	100	120	150
Speedoflex T33X	Aluminium oxide, X-cloth	●	●	●	●	●	●	●

DIMENSIONS (mm) D X B	MINIMUM ORDER QUANTITY
All sizes	100 pieces

# NARROW BELTS

CAP CODE	GRAIN/GRIT	24	36	40	50	60	80	100	120	150	180	240
Mega-Line SY798	Ceramic, Y-polyster supersize		●	●	●	●	●	●	●			
Industrial Line SY674	Norzon, Y-polyester	●	●	●	●	●	●	●	●			
Speedoflex MX240	Aluminium oxide, X-polycotton	●	●	●	●	●	●	●	●	●	●	●

## NARROW BELT MINIMUM ORDER QUANTITY

WIDTH (mm) D X B	LENGTH (mm) 750 - 1999mm	LENGTH (mm) > 2000mm
Up to 50mm	40 pieces	40 pieces
51 to 100mm	30 pieces	30 pieces
Over 101mm	20 pieces	10 pieces

### PRO TIP

The contact wheel chosen affects belt performance. Achieve optimum performance from ceramic and zirconium products with hard contact wheels to break down the grain. Aluminium grits can be used with medium hardness contact wheels.

## BELTS BY DIMENSION

GRIT	CAPCODE	PK QTY	ART NO.	QUALITY TIER
<b>10 x 330mm</b>				
40	SY798	10	77696005445	●●●●●
	SY674	10	66623312535	●●●●●
	MX240	10	63642585988	●●●
60	SY798	10	77696004752	●●●●●
	SY674	10	66623312540	●●●●●
	MX240	10	63642585992	●●●
80	SY798	10	66261129846	●●●●●
	SY674	10	66623312541	●●●●●
	MX240	10	63642585993	●●●
120	MX240	10	63642585994	●●●
<b>13 x 454mm</b>				
40	MX240	10	63642586006	●●●
60	MX240	10	63642586008	●●●
80	MX240	10	63642586009	●●●
120	MX240	10	63642586012	●●●
<b>13 x 610mm</b>				
40	MX240	10	63642586017	●●●
60	MX240	10	63642586018	●●●
120	MX240	10	63642586021	●●●
<b>15 x 475mm</b>				
40	SY798	10	66623332792	●●●●●
60	SY798	10	77696067983	●●●●●
80	SY798	10	66261114986	●●●●●
<b>20 x 520mm</b>				
40	SY798	10	69957306270	●●●●●
	SY674	10	66623312534	●●●●●
	MX240	10	63642590752	●●●
60	SY798	10	66261124226	●●●●●
	SY674	10	66623312542	●●●●●
	MX240	10	63642590768	●●●
80	SY798	10	66261129845	●●●●●
	SY674	10	66623312370	●●●●●
	MX240	10	63642590771	●●●

GRIT	CAPCODE	PK QTY	ART NO.	QUALITY TIER
<b>30 x 533mm</b>				
40	T33X	10	63642585902	●●●
60	T33X	10	63642585905	●●●
80	T33X	10	63642585906	●●●
120	T33X	10	63642585907	●●●
<b>75 x 457mm</b>				
40	T33X	10	63642585881	●●●
60	T33X	10	63642585883	●●●
80	T33X	10	63642585885	●●●
100	T33X	10	63642585886	●●●
120	T33X	10	63642585887	●●●
<b>75 x 533mm</b>				
40	T33X	10	63642585889	●●●
60	T33X	10	63642585896	●●●
80	T33X	10	63642585897	●●●
100	T33X	10	63642585898	●●●
120	T33X	10	63642585900	●●●
<b>75 x 610mm</b>				
40	T33X	10	63642588534	●●●
60	T33X	10	63642588539	●●●
80	T33X	10	63642588540	●●●
120	T33X	10	63642588542	●●●
<b>100 x 560mm</b>				
40	T33X	10	63642585922	●●●
60	T33X	10	63642585926	●●●
80	T33X	10	63642585927	●●●
100	T33X	10	63642585929	●●●
120	T33X	10	63642585934	●●●
<b>100 x 610mm</b>				
40	T33X	10	63642585937	●●●
60	T33X	10	63642585941	●●●
80	T33X	10	63642585942	●●●
100	T33X	10	63642585943	●●●
120	T33X	10	63642585944	●●●
<b>100 x 620mm</b>				

# ABRASIVE BELTS

## BY DIMENSION

GRIT	CAPCODE	PK QTY	ART NO.	QUALITY TIER
40	T33X	10	63642585947	●●●●
60	T33X	10	63642585949	●●●●
80	T33X	10	63642585950	●●●●
100	T33X	10	63642585952	●●●●
120	T33X	10	63642585953	●●●●
<b>100 x 690mm</b>				
40	T33X	10	63642579760	●●●●
60	T33X	10	63642579740	●●●●
80	T33X	10	63642579730	●●●●
100	T33X	10	63642579720	●●●●
120	T33X	10	63642579710	●●●●
<b>110 x 620mm</b>				
40	T33X	10	63642585956	●●●●
60	T33X	10	63642585957	●●●●
80	T33X	10	63642585958	●●●●
100	T33X	10	63642585959	●●●●
120	T33X	10	63642585960	●●●●
<b>100 x 915mm</b>				
60	SX373	10	63642585979	●●●●
80	SX373	10	63642585980	●●●●
100	SX373	10	63642585984	●●●●
120	SX373	10	63642585986	●●●●
<b>100 x 920mm</b>				
36	SY798	10	69957313327*	●●●●●●
40	SY798	10	66623327399	●●●●●●
60	SY798	10	69957306268	●●●●●●
80	SY798	10	66623377735	●●●●●●
<b>100 x 1000mm</b>				
36	SY798	10	63642543458*	●●●●●●
40	SY798	10	63642575019*	●●●●●●
60	SY798	10	66623397189*	●●●●●●
80	SY798	10	66261146438*	●●●●●●
<b>50 x 2000mm</b>				
36	SY798	10	66623339978	●●●●●●
40	SY798	10	66623304566	●●●●●●
	SY674	10	66623312442	●●●●
60	SY798	10	66623337685	●●●●●●
	SY674	10	66623312441	●●●●
80	SY798	10	63642577536	●●●●●●
	SY674	10	66623312440	●●●●
120	SY674	10	66623312455	●●●●
<b>50 x 4000mm</b>				
36	SY798	10	63642577234	●●●●●●
40	SY798	10	66261146430	●●●●●●
60	SY798	10	69957306269	●●●●●●
80	SY798	10	66261146431	●●●●●●
<b>75 x 2000mm</b>				
36	SY798	10	66623304027	●●●●●●
	SY674	10	66623312437	●●●●●●
	SX373	10	63642586052	●●●●

GRIT	CAPCODE	PK QTY	ART NO.	QUALITY TIER
40	SY798	10	66623304430*	●●●●●●
	SY674	10	66623312436	●●●●●●
	SX373	10	63642586053	●●●●
50	SY674	10	66623315784	●●●●●●
60	SY798	10	66623312654	●●●●●●
	SY674	10	66623312435	●●●●●●
	SX373	10	63642586056	●●●●
80	SY798	10	66623331556	●●●●●●
	SY674	10	66623312434	●●●●●●
	SX373	10	63642586059	●●●●
120	SY674	10	66623312413	●●●●●●
	SX373	10	63642586060	●●●●
180	SX373	10	63642586062	●●●●
<b>75 x 2500mm</b>				
36	SY674	10	66623312432	●●●●●●
40	SY674	10	66623315788	●●●●●●
60	SY674	10	66623312431	●●●●●●
80	SY674	10	66623312430	●●●●●●
120	SY674	10	66623312433	●●●●●●
<b>150 x 2000mm</b>				
36	SY674	10	66623312473	●●●●●●
	SX373	10	63642593043*	●●●●
40	SY674	10	66623312472	●●●●●●
	SX373	10	69957332736	●●●●
60	SY674	10	66623312464	●●●●●●
	SX373	10	63642588378*	●●●●
80	SY674	10	66623312368	●●●●●●
	SX373	10	63642595089*	●●●●
120	SX373	10	66261052650*	●●●●

\* Made-to-order

## SPECIALTIES

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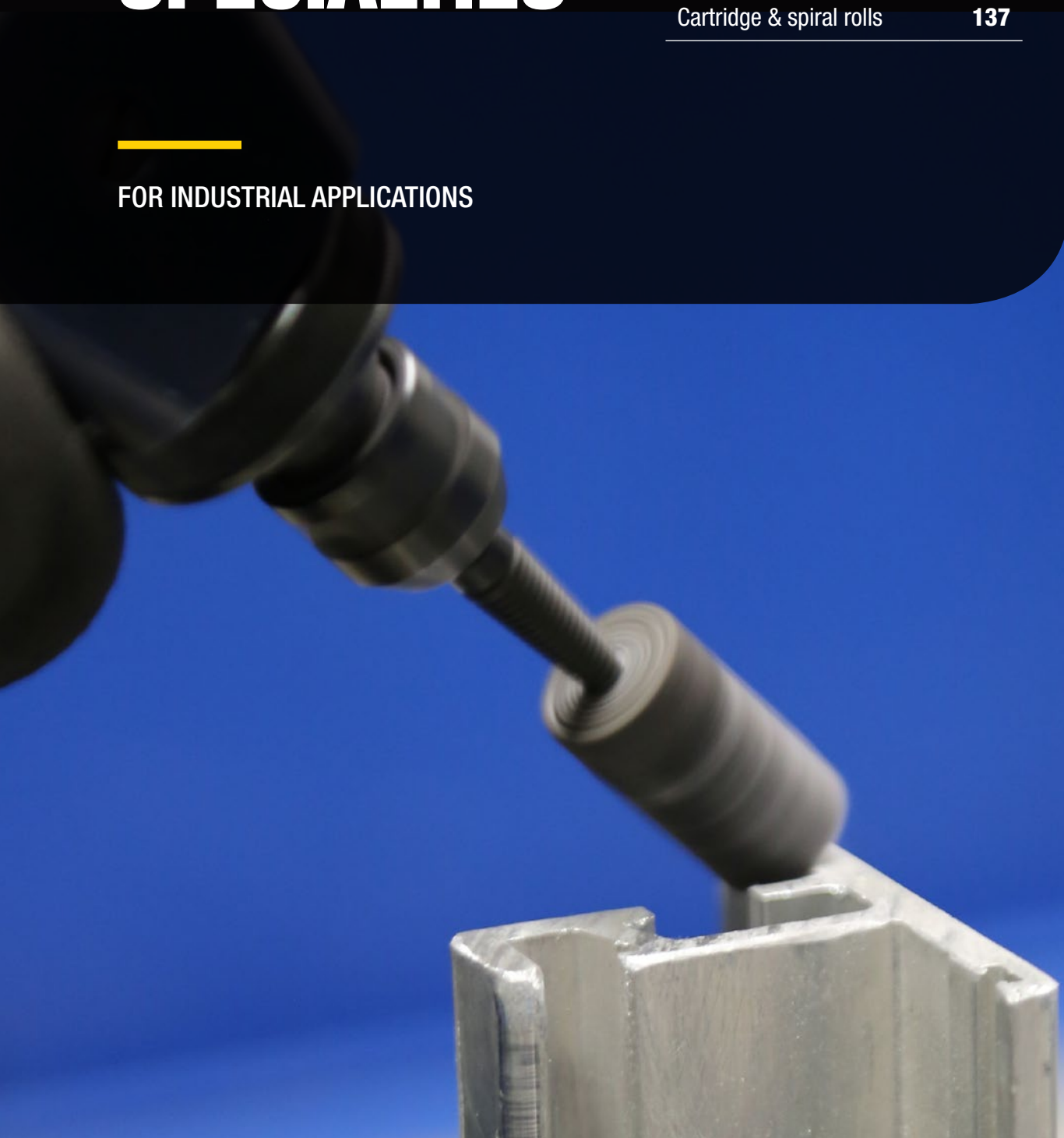
Spirabands 134

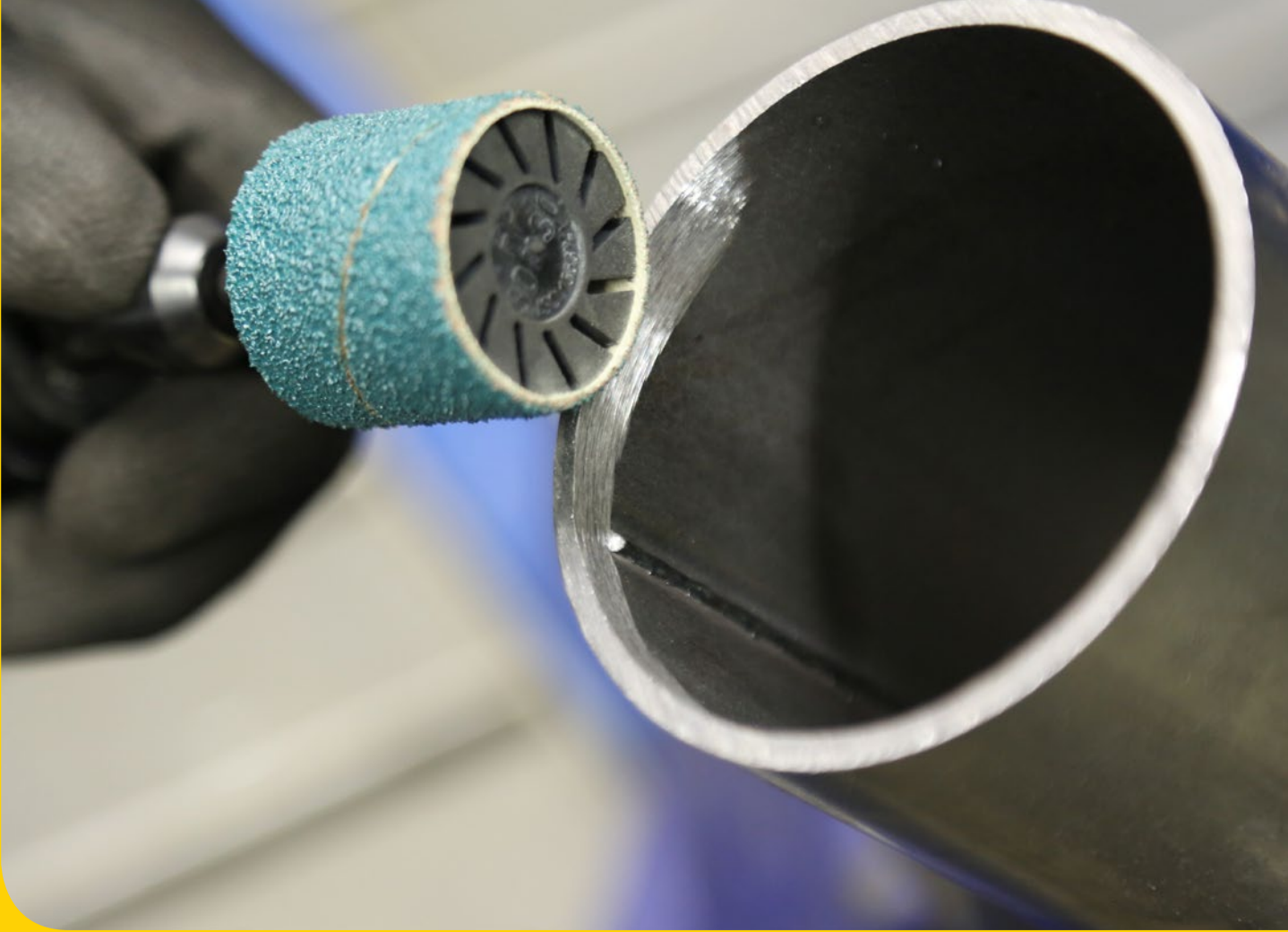
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Cartridge & spiral rolls 137

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FOR INDUSTRIAL APPLICATIONS





# SPIRABANDS FOR DIE GRINDERS

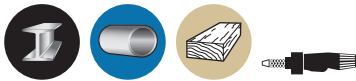
Spirabands are made of abrasive cloth which is rolled and glued on to a cotton backing. They are designed to access hard to reach areas including internal diameters, edges, curves and contours of components. Spirabands can be used on metals, leather, glass, plastic and wood and are the ideal shape for removing parting lines, imperfections and burrs on surfaces and post-processing and repair work on metal structures. They achieve high stock removal thanks to premium grain and exceptional product life even under the most demanding operating conditions. Spirabands can be used on electric or pneumatic power tools but must be fitted on the correct size serrated rubber holder.

## PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	INDUSTRIAL LINE KX672	SPEEDOFLEX
	BETTER ○○○○	GOOD ○○○
Stainless steel, inox & duplex	●	
Titanium, inconel & super alloys	●	
Carbon, construction & mild steel	●	◐
Cast iron	●	◐
Non-ferrous metal (brass/aluminium)		●
Hard & soft wood	●	◐



DIA (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE	PRICE
10 x 20mm	36	50	63642584999	38200 - 47500	63642562526	###,##
	50	50	63642585001			###,##
	60	50	63642585002			###,##
	80	50	63642585004			###,##
	120	50	63642585009			###,##
12 x 25mm	50	50	63642585023	29400 - 36500	63642562528	###,##
	80	50	63642585024			###,##
	120	50	63642585025			###,##
15 x 30mm	36	50	63642585076	25000 - 31500	63642562530	###,##
	50	50	63642585080			###,##
	60	50	63642585081			###,##
	80	50	63642585083			###,##
	120	50	63642585086			###,##
19 x 25mm	36	50	63642585026	20100 - 25100	63642562531	###,##
	50	50	63642585027			###,##
	80	50	63642585028			###,##
	120	50	63642585030			###,##
22 x 20mm	36	50	63642585012	17500 - 21000	63642562532	###,##
	50	50	63642585017			###,##
	60	50	63642585018			###,##
	80	50	63642585019			###,##
	120	50	63642585021			###,##
25 x 25mm	36	50	63642585032	15300 - 19000	63642562533	###,##
	50	50	63642585033			###,##
	80	50	63642585035			###,##
	120	50	63642585036			###,##
30 x 30mm	36	50	63642585088	12700 - 15800	63642562535	###,##
	50	50	63642585090			###,##
	60	50	63642585093			###,##
	80	50	63642585095			###,##
	120	50	63642585097			###,##
38 x 25mm	36	50	63642585039	10000 - 12500	63642562536	###,##
	50	50	63642585040			###,##
	80	50	63642585041			###,##
	120	50	63642585043			###,##
45 x 30mm	36	50	63642585100	9250 - 10500	63642562537	###,##
	50	50	63642585101			###,##
	60	50	63642585102			###,##
	80	50	63642585103			###,##
	120	50	63642585104			###,##
51 x 25mm	36	50	63642585044	7500 - 9300	63642562538	###,##
	50	50	63642585046			###,##
	80	50	63642585047			###,##
	120	50	63642585048			###,##
60 x 30mm	36	50	63642585105	6500 - 7900	63642562539	###,##
	50	50	63642585107			###,##
	80	50	63642585108			###,##



- Sharp zirconia grain provides an aggressive cut for fast material removal
- Thanks to the sharpness of the grain, product life is extended compared to standard abrasives, particularly on alloyed metals, stainless and carbon steels
- Ideal for use on irregular shaped components, curves and recesses

### TECHNICAL INFORMATION

Strong abrasive & backing combination gives an aggressive cut however, the rubber holder gives a forgiving finish. The spiraband locks on to the rubber expanding holder – no tools required.

# SPIRABANDS

FOR DIE GRINDERS



- Aluminium oxide grain makes Speedoflex spirabands a good choice for light applications on all materials from soft metals to hard to grind materials
- Achieve a good cut rate throughout the product life

#### TECHNICAL INFORMATION

Spirabands perform best at a recommended speed of 20-30m/s to optimize stock removal and surface finish whilst avoiding thermal load of the workpiece and tool wear.

## SPEEDOFLEX



DIA DxW (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE	PRICE
15 x 30mm	50	50	63642564259	25000 - 31500	63642562530	###,##
	80	50	63642565237			###,##
	150	50	63642565242			###,##
19 x 25mm	50	50	66261168184	20100 - 25100	63642562531	###,##
	80	50	66261168195			###,##
	150	50	66261168204			###,##
22 x 20mm	50	50	66261168185	17500 - 21000	63642562532	###,##
	80	50	66261168196			###,##
	150	50	63642584977			###,##
25 x 25mm	50	50	66261168226	15300 - 19000	63642562533	###,##
	80	50	63642569344			###,##
	150	50	66261168227			###,##
30 x 30mm	50	50	66261162797	12700 - 15800	63642562535	###,##
	80	50	63642565251			###,##
	150	50	63642584985			###,##
45 x 30mm	50	50	66261162798	9250 - 10500	63642562537	###,##
	80	50	66261168199			###,##
	150	50	63642584992			###,##
60 x 30mm	50	50	66261162799	6500 - 7900	63642562539	###,##
	80	50	66261168200			###,##
	150	50	63642584995			###,##

## ACCESSORIES MANDRELS FOR SPIRABAND

#### MANDRELS FOR SPIRABAND

- Rubber expanding mandrel gives a forgiving finish
- Easy to mount and remove spiraband from serrated rubber holder by turning slightly to the right
- Mandrel diameter 6mm



DIA DxW (mm)	PK QTY	ART NO.	PRICE
10 x 20 x 6	5	63642562526	###,##
12 x 25 x 6	5	63642562528	###,##
15 x 30 x 6	5	63642562530	###,##
19 x 25 x 6	5	63642562531	###,##
22 x 20 x 6	5	63642562532	###,##
25 x 25 x 6	5	63642562533	###,##
30 x 20 x 6	5	63642562534	###,##
30 x 30 x 6	5	63642562535	###,##
38 x 25 x 6	5	63642562536	###,##
45 x 30 x 6	5	63642562537	###,##
51 x 25 x 6	5	63642562538	###,##
60 x 30 x 6	5	63642562539	###,##





# CARTRIDGE & SPIRAL ROLLS

Cartridge rolls are made up of rolls of resin bonded abrasive cloth which promotes a new cutting surface to be uncovered as the top layer is worn away. They are available in two different shapes and in a wide variety of sizes and grades. Cartridge rolls are suitable for a range of applications including flash removal, polishing, edge breaking and removing machine tool marks. They are also especially useful for getting into small spaces, intricate areas and inside surfaces and corners where other abrasive shapes cannot reach.

## PRODUCT SELECTION GUIDE

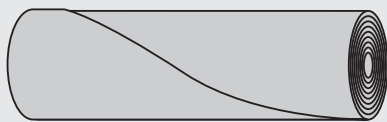
Highly recommended ●  
Recommended ◐



MATERIALS	SPEEDOFLEX
	GOOD ●●●
Stainless steel, inox & duplex	◐
Titanium, inconel & super alloys	◐
Carbon, construction & mild steel	●
Cast iron	●
Non-ferrous metal (brass/aluminium)	●
Hard & soft wood	●

## SHAPE RECOMMENDATION GUIDE

### STRAIGHT ZPE

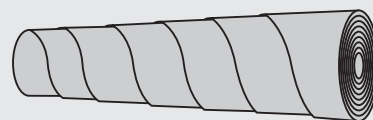


Straight rolls wear to the shape required. Effective for:

- Flash removal
- Polishing or removing machine tool marks
- Edge breaking
- Reaching into corners, where larger diameter tools cannot work

All cartridge rolls are resin bonded, half-glued.

### SPIRAL ZSPI



Spiral rolls are suited for use on contoured parts. Effective for:

- Grinding/polishing of channels, fillets and radii, and deburring small holes
- Tapered end can be used when the area to finish is hard to reach with a full cartridge roll
- Conforms to small areas
- Fits into irregular concaves, contours, channels

All spiral rolls are fully tapered, resin bonded, half glued.

# CARTRIDGE & SPIRAL ROLLS

FOR DIE GRINDERS

COATED  
ABRASIVES



- Aluminium oxide abrasive is ideal for hard to grind material as the tough grain removes material quickly
- Cool cutting property of the grain helps to prevent workpiece burn
- Ideal for use on edges, curves, contours and internal diameter grinding

## SPEEDOFLEX ZPE STRAIGHT



DIMS (mm) Ba x L x B	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE	PRICE
6 x 25 x 3mm	80	100	63642562285	19000 - 28600	63642562516	###,##
	120	100	63642562286			###,##
6 x 38 x 3mm	80	100	63642562287	19000 - 28600	63642562517	###,##
	120	100	63642556508			###,##
10 x 25 x 3mm	80	100	63642562292	11500 - 17200	63642562516	###,##
	120	100	63642562293			###,##
10 x 38 x 3mm	80	100	63642562295	11500 - 17200	63642562517	###,##
	120	100	63642562296			###,##
13 x 38 x 3mm	80	100	63642562299	8800 - 13200	63642562517	###,##
	120	100	63642562300			###,##



- Aluminium oxide abrasive is ideal for hard to grind material as the tough grain removes material quickly
- Cool cutting property of the grain helps to prevent workpiece burn
- Tapered shape makes spiral rolls perfect for small internal diameters and holes

### TECHNICAL INFORMATION

Pilot length should be 6-12mm shorter in length than the cartridge roll. The mandrel pilot diameter should match the size of the cartridge roll pilot hole. Always insert glued end first onto mandrel.

## SPEEDOFLEX ZSPI SPIRAL



DIMS (mm) Ba x L x B	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE	PRICE
10 x 25 x 3mm	60	100	63642562291	11500 - 17200	63642562516	###,##
13 x 38 x 3mm	80	100	63642562369	8800 - 13200	63642562517	###,##
	120	100	63642562379*			###,##

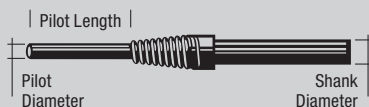
\* Made-to-order

## ACCESSORIES STEEL MANDREL - CARTRIDGE & SPIRAL ROLLS

### STEEL MANDREL - CARTRIDGE & SPIRAL ROLLS

Precision machined from high quality steel featuring sharp coarse threads which hold rolls securely in place during operation.

They also have a good lead in thread allowing the roll to start easily on the mandrel.



DIMS (mm) DIA x L	SHAFT DIA (mm)	PK QTY	ART NO.	PRICE
3 x 19 x 6	6mm	1	63642562526	###,##
3 x 25 x 6	6mm	1	63642562528	###,##

## MADE-TO-ORDER AVAILABILITY

PRODUCT	GRIT AVAILABILITY		
Alumina Zirconia	60	80	120
Silicon Carbide	60	80	120
Aluminium Oxide	60	80	120

SHAPE	DIMENSIONS (mm) Ba x L x B	MINIMUM ORDER QUANTITY
Straight ZPE	6 x 25 x 3	250 pieces
	6 x 38 x 3	250 pieces
	10 x 25 x 3	250 pieces
	10 x 38 x 3	250 pieces
	13 x 25 x 3	250 pieces
	13 x 38 x 3	250 pieces
	19 x 25 x 3	250 pieces
	19 x 38 x 3	250 pieces
Spiral ZSPI	10 x 25 x 3	250 pieces
	10 x 38 x 3	250 pieces
	10 x 50 x 3	250 pieces
	13 x 25 x 3	250 pieces
	13 x 38 x 3	250 pieces
	19 x 38 x 3	250 pieces
	19 x 50 x 3	250 pieces

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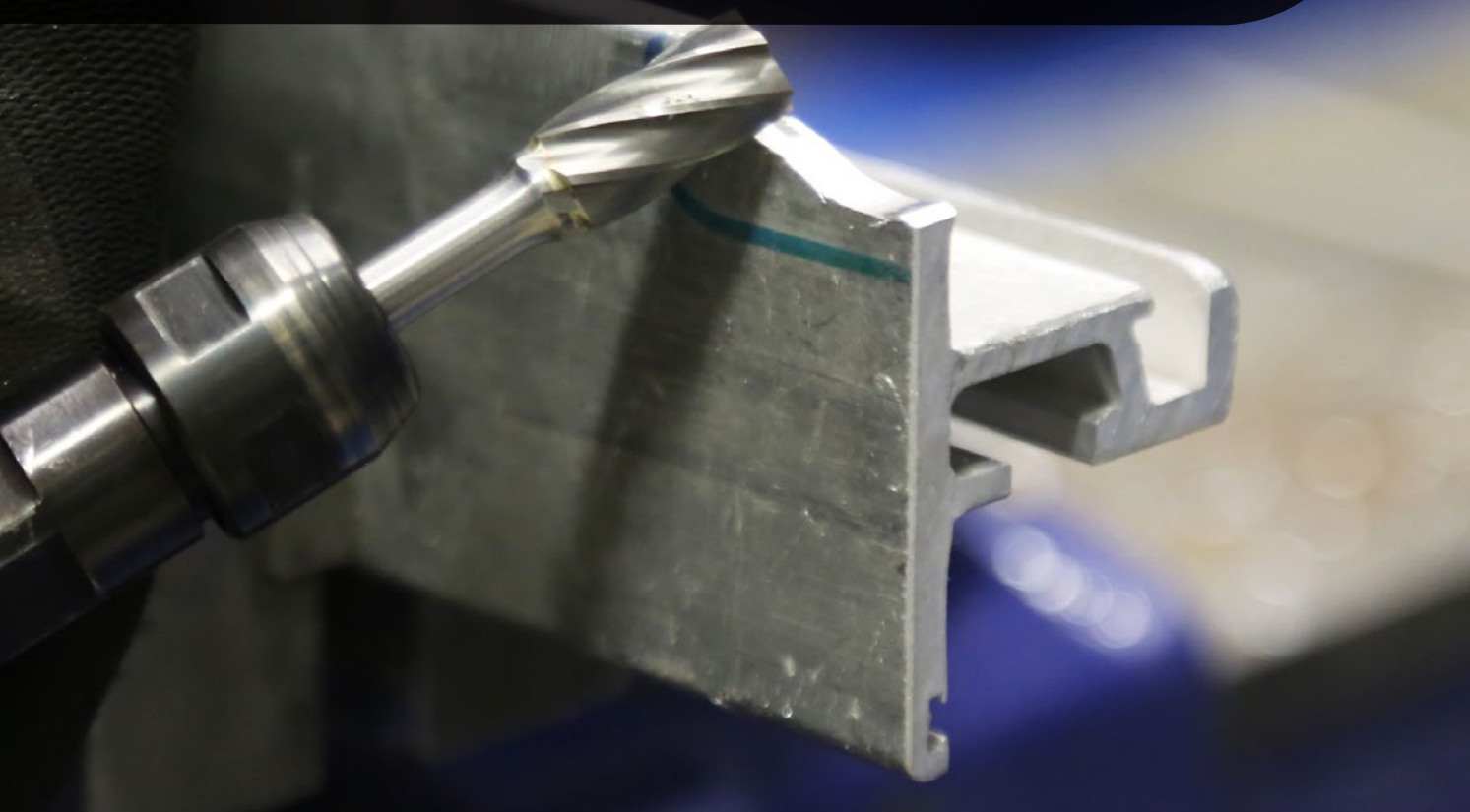
COATED  
ABBRAIVES



# CARBIDE BURRS

Understanding the product	142
Application by shape	143
Double cut carbide burrs	144
Burr kits	147
Aluminium cut ALU carbide burrs	147

FOR INDUSTRIAL APPLICATIONS





# TUNGSTEN CARBIDE BURRS

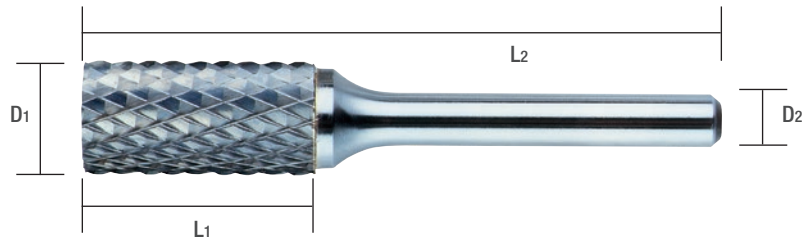
## FOR STRAIGHT SHAFT MACHINES

Flexovit tungsten carbide burrs are manufactured on state of the art CNC machines to give high consistency and perfect concentricity for low vibration operations. All Flexovit tungsten carbide burrs provide fast stock removal and long life, providing optimum efficiency. With the right choice of fluting style and speed, carbide burrs can be used to cut the most diverse types of material, such as stainless steel, alloy steel, cast iron, titanium alloys, aluminium, brass, copper or plastic.

Carbide burrs can be used with both electrically-powered and pneumatically-powered hand-held grinders or CNC machines. Each carbide burr is packed individually in a plastic case.

## UNDERSTANDING THE PRODUCT

### DIMENSIONS & DESCRIPTION OF THE BURR



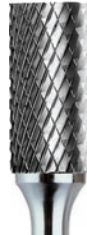
16,0	x	25,0	x	60L65	Cut style & shape
D1		L1		D2 + L2	
Diameter of the head		Length of the head		Diameter of the shank and overall Length of the burr (OL)	Shape of the head

## CUT STYLES



### DC/HD - DOUBLE CUT / HEAVY DUTY\*

Better stock removal. Stronger tooth formation (decreased tooth wedge angle) longer tool life and reduced chipping



### DC - DOUBLE CUT

Universal cutting style, fast material removal, smooth finish and granular chip break.



### ALU ALUMINIUM

For deburring of aluminium alloys & plastic wide tooth formation, easy chip flow.

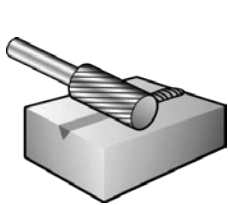
\* available as MTO

## PRODUCT SELECTION GUIDE

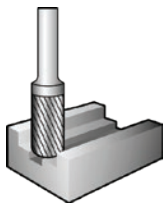
Highly recommended ●  
Recommended ◐

APPLICATIONS	DC/HD - Double Cut / HEAVY DUTY*	DC - Double Cut	ALU Aluminium
Stainless steel	◐		
Hardened steel	◐		
Cast iron	●	◐	
Titanium		●	
Nickel		●	
Copper / copper alloy		●	
Aluminium			●
Plastics / wood			●

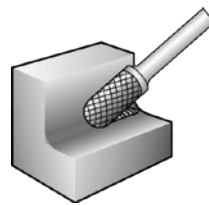
## APPLICATION BY SHAPE



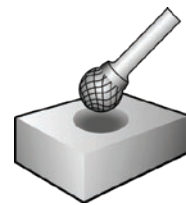
A CYLINDER



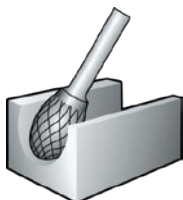
B CYLINDER WITH END CUT



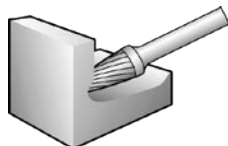
C BALL NOSED CYLINDER



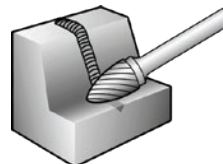
D BALL



E OVAL



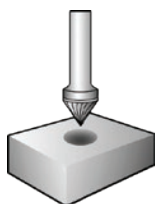
F BALL NOSED TREE



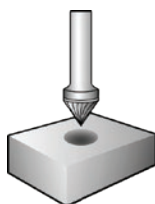
G TREE



H FLAME



J COUNTERSINK 60° \*



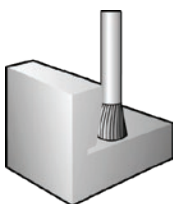
K COUNTERSINK 90° \*



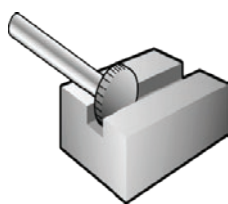
L BALL NOSED CONE



M CONE



H INVERTED CONE \*



J CYLINDER WITH END CUT

\*available as MTO

# TUNGSTEN CARBIDE BURRS

FOR STRAIGHT SHAFT MACHINES







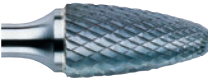

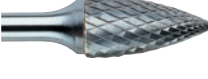
## DOUBLE CUT



- Universal cutting style, fast material removal, smooth finish and granular chip break
- For stainless steel, hardened steel, cast iron, titanium, nickel, copper and copper alloys
- Sharp cutting edges for improved productivity & longer product life
- Perfect concentricity, runs without vibrations for improved operator comfort
- Available on a wide variety of shapes and sizes



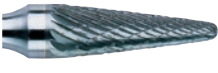

PRODUCT SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	PK QTY	ART NO.	PRICE
<b>SHAPE A: CYLINDER</b>				
	6 x 19 x 6 x 50	1	66261151982	###,##
	6 x 25 x 6 x 50	1	7660717907	###,##
	8 x 19 x 6 x 64	1	66261151985	###,##
	10 x 19 x 6 x 64	1	66261151990	###,##
	10 x 25 x 6 x 70	1	7660717908	###,##
	12 x 19 x 6 x 65	1	7660719140	###,##
	12 x 25 x 6 x 70	1	66261151993	###,##
	12 x 25 x 8 x 70	1	66261175639	###,##
	16 x 25 x 6 x 70	1	7660718981	###,##
<b>SHAPE A: CYLINDER WITH EXTRA LONG SHAFT</b>				
	10 x 19 x 6 x 169	1	7660717911	###,##
	12 x 25 x 6 x 175	1	7660718089	###,##
<b>SHAPE B: CYLINDER WITH END CUT</b>				
	3 x 13 x 3 x 38	1	7660717889	###,##
	6 x 19 x 6 x 50	1	7660717900	###,##
	6 x 25 x 6 x 50	1	7660718401	###,##
	8 x 19 x 6 x 65	1	7660717901	###,##
	10 x 19 x 6 x 65	1	66261151995	###,##
	10 x 25 x 6 x 70	1	69014150736	###,##
	12 x 19 x 6 x 65	1	7660704974	###,##
	12 x 25 x 6 x 70	1	66261151996	###,##
	12 x 25 x 8 x 70	1	66261175677	###,##
	16 x 25 x 6 x 70	1	66261151997	###,##
<b>SHAPE C: BALL NOSED CYLINDER</b>				
	3 x 13 x 3 x 38	1	7660704960	###,##
	5 x 16 x 6 x 50	1	66261175601	###,##
	6 x 18 x 6 x 50	1	66261151998	###,##
	6 x 25 x 6 x 50	1	7660704972	###,##
	8 x 19 x 6 x 64	1	66261152002	###,##
	10 x 19 x 6 x 64	1	66261152003	###,##
	10 x 25 x 6 x 70	1	7660708053	###,##
	12 x 19 x 6 x 65	1	7660704975	###,##
	12 x 25 x 6 x 70	1	66261152005	###,##
	12 x 25 x 8 x 70	1	69014150731	###,##
	16 x 25 x 6 x 70	1	66261152049	###,##



PRODUCT SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	PK QTY	ART NO.	PRICE
<b>SHAPE C: BALL NOSED CYLINDER WITH EXTRA LONG SHAFT</b>				
	6 x 12 x 6 x 169	1	7660717912	###,##
	10 x 19 x 6 x 169	1	7660718982	###,##
	12 x 25 x 6 x 169	1	66261175651	###,##
<b>SHAPE D: BALL</b>				
	3 x 3 x 3 x 38	1	7660717895	###,##
	5 x 5 x 6 x 50	1	66261175655	###,##
	6 x 5 x 6 x 50	1	66261152053	###,##
	8 x 6 x 6 x 52	1	66261152056	###,##
	8 x 7 x 6 x 52	1	7660707884	###,##
	10 x 8 x 6 x 54	1	66261152058	###,##
	10 x 9 x 6 x 53	1	7660704971	###,##
	12 x 11 x 6 x 55	1	7660717865	###,##
	13 x 11 x 6 x 56	1	66261152059	###,##
	16 x 14 x 6 x 60	1	7660707878	###,##
<b>SHAPE D: BALL WITH EXTRA LONG SHAFT</b>				
	6 x 5 x 6 x 155	1	66261175745	###,##
	8 x 7 x 6 x 126	1	66261175824	###,##
	10 x 9 x 6 x 159	1	66261175746	###,##
	12 x 11 x 6 x 161	1	7660719180	###,##
	16 x 14 x 6 x 164	1	66261175814	###,##
<b>SHAPE E: OVAL</b>				
	6 x 10 x 6 x 50	1	7660717902	###,##
	10 x 16 x 6 x 60	1	7660717862	###,##
	12 x 22 x 6 x 67	1	7660717867	###,##
<b>SHAPE F: BALL NOSED TREE</b>				
	3 x 13 x 3 x 38	1	7660717880	###,##
	6 x 16 x 6 x 50	1	7660717875	###,##
	6 x 18 x 6 x 50	1	66261152060	###,##
	8 x 20 x 6 x 65	1	66261152061	###,##
	10 x 19 x 6 x 64	1	66261152062	###,##
	12 x 25 x 6 x 70	1	66261152063	###,##
	12 x 25 x 8 x 70	1	7660707873	###,##
	16 x 25 x 6 x 70	1	66261152064	###,##
<b>SHAPE F: BALL NOSED TREE WITH EXTRA LONG SHAFT</b>				
	10 x 19 x 6 x 169	1	69014157733	###,##
	12 x 25 x 6 x 175	1	7660718403	###,##
<b>SHAPE G: TREE</b>				
	6 x 16 x 6 x 50	1	7660717870	###,##
	6 x 18 x 6 x 50	1	66261152065	###,##
	8 x 19 x 6 x 64	1	66261152066	###,##
	10 x 19 x 6 x 64	1	66261152067	###,##
	12 x 19 x 6 x 65	1	66261175692	###,##
	12 x 25 x 6 x 70	1	66261152068	###,##
	12 x 25 x 8 x 70	1	7660718989	###,##
	16 x 25 x 6 x 70	1	66261152070	###,##

# TUNGSTEN CARBIDE BURRS

FOR STRAIGHT SHAFT MACHINES

PRODUCT SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	PK QTY	ART NO.	PRICE
<b>SHAPE H: FLAME</b>				
	8 x 19 x 6 x 65	1	7660717878	###,##
	12 x 32 x 6 x 77	1	7660707570	###,##
	16 x 36 x 6 x 80	1	66261175697	###,##
<b>EXTRA LONG SHAFT</b>				
	8 x 19 x 6 x 169	1	66261175757	###,##
	12 x 32 x 6 x 172	1	66261175758	###,##
<b>SHAPE J: COUNTERSINK 60°</b>				
	16 x 15 x 6 x 60	1	66261175700	###,##
<b>SHAPE K: COUNTERSINK 90°</b>				
	12 x 6 x 6 x 54	1	66261175606	###,##
	16 x 8 x 6 x 60	1	66261175704	###,##
<b>SHAPE L: BALL NOSED CONE</b>				
	3 x 13 x 3 x 38	1	7660717898	###,##
	6 x 19 x 6 x 50	1	7660704964	###,##
	8 x 22 x 6 x 70	1	66261152071	###,##
	10 x 27 x 6 x 75	1	66261152072	###,##
	12 x 30 x 6 x 77	1	66261152073	###,##
	16 x 33 x 6 x 78	1	7660719138	###,##
	16 x 33 x 8 x 78	1	66261175708	###,##
<b>SHAPE M: CONE</b>				
	3 x 11 x 3 x 38	1	7660717857	###,##
	3 x 16 x 3 x 38	1	7660717856	###,##
	6 x 19 x 6 x 50	1	7660704962	###,##
	6 x 25 x 6 x 50	1	7660717858	###,##
	10 x 16 x 6 x 65	1	7660717861	###,##
	12 x 19 x 6 x 65	1	66261175820	###,##
	12 x 22 x 6 x 70	1	7660717868	###,##
	12 x 22 x 8 x 70	1	66261175709	###,##
	12 x 25 x 6 x 70	1	7660719273	###,##
	16 x 22 x 6 x 73	1	7660719137	###,##



PRODUCT	SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	PK QTY	ART NO.	PRICE
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**BURRS KIT X10 DOUBLE CUT - DC**


A	10 x 19 x 6 x 65	1	66261175595	###,##
A	12 x 25 x 6 x 70	1		
C	10 x 19 x 6 x 65	1		
C	12 x 25 x 6 x 70	1		
L	12 x 30 x 6 x 75	1		
E	10 x 16 x 6 x 60	1		
G	10 x 19 x 6 x 65	1		
G	12 x 25 x 6 x 70	1		
D	12 x 11 x 6 x 55	1		
F	12 x 25 x 6 x 70	1		

**BURRS KIT X4 DC/HD- DOUBLE CUT/HEAVY DUTY**


C	12 x 25 x 6 x 70	1	66254414511	###,##
D	10 x 9 x 6 x 53	1		
F	12 x 25 x 6 x 70	1		
L	12 x 30 x 6 x 75	1		

**TECHNICAL INFORMATION**

Apply constant movement and light pressure when in use.

Do not sink the burr for more than one third of its periphery.

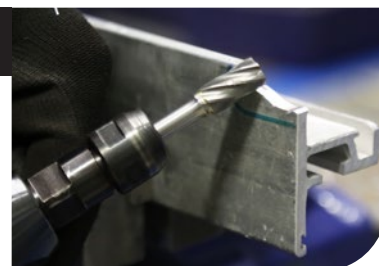
Extra long burrs (>150mm long) working with harder materials or require slower speeds. (Max. 15000 RPM)

Don't let the tool get too hot as it may cause the braze to melt and detach the head of the shank.

## ALUMINIUM CUT ALU



- For deburring of aluminium alloys and plastic. Wide tooth formation, easy chip flow
- ALU' cut style, for de-burring aluminium alloys and plastic
- Reduced heat generation on the workpiece
- Excellent chip removal and reduced wear of teeth



PRODUCT SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	PK QTY	ART NO.	PRICE
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**SHAPE A: CYLINDER**


10 x 19 x 6 x 65	1	7660717905	###,##
12 x 25 x 6 x 70	1	7660717887	###,##

**SHAPE C: BALL NOSED CYLINDER**


6 x 19 x 6 x 50	1	7660719368	###,##
10 x 19 x 6 x 65	1	7660717885	###,##
12 x 25 x 6 x 70	1	7660717886	###,##

**SHAPE F: BALL NOSED TREE**


10 x 19 x 6 x 65	1	7660717883	###,##
12 x 25 x 6 x 70	1	7660717882	###,##

**SHAPE L: BALL NOSED CONE**


10 x 27 x 6 x 75	1	7660718404	###,##
12 x 30 x 6 x 75	1	7660717876	###,##

# TUNGSTEN CARBIDE BURRS

## RECOMMENDED OPERATING SPEEDS

### RECOMMENDED OPERATING SPEEDS (RPM)

MATERIAL TYPE	PRODUCT DIAMETER				
	3mm	6mm	10mm	12mm	16mm
Steel	60000-90000	45000-60000	30000-40000	22500-30000	18000-24000
Tempered steel	60000-90000	30000-45000	19000-30000	15000-22500	12000-18000
Stainless steel	60000-90000	30000-45000	19000-30000	15000-22500	12000-18000
Casting	45000-90000	22500-60000	15000-40000	11000-30000	9000-24000
Titanium	60000-90000	30000-45000	19000-30000	15000-22500	12000-18000
Nickel	60000-90000	30000-45000	19000-30000	15000-22500	12000-18000
Copper & copper alloys	45000-90000	22500-60000	15000-40000	11000-30000	9000-24000
Aluminium	30000-90000	15000-70000	10000-50000	7000-38000	6000-30000
Plastics	30000-90000	15000-70000	10000-50000	7000-38000	6000-30000
Carbon or glass fibers	64000-117000	32000-59000	19000-35000	16000-30000	12000-22000

Recommended speeds are for standard shank length of 45mm, maximum overhang 10mm.  
Maximum recommended speed for extra long burrs is 15000 RPM.

### RECOMMENDATIONS FOR USE

- It may be necessary to adjust the rates shown to achieve optimum performance
- Running below the optimum speed will encourage chipping
- Harder materials or sticky metals such as titanium, require slower speeds
- Running above optimum speed will cause tooth wear
- Smaller burrs require faster speeds
- Letting the tool get too hot may cause the braze to melt and detach the head of the shank
- Apply constant movement and light pressure when in use
- Do not sink the burr for more than one third of its periphery

# WIRE BRUSHES

FOR INDUSTRIAL APPLICATIONS

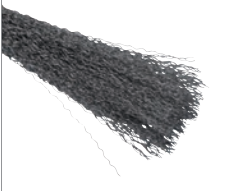

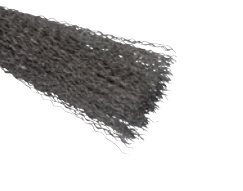


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# WIRE BRUSHES









The range of brushes includes crimped and knotted wire power wheel brushes, bevelled brushes, cup brushes, end brushes and hand brushes. Our high quality products only contain the very best wire types to deliver the right result whatever the application.

## UNDERSTANDING THE PRODUCT

### WIRE TYPES

TEMPERED QUALITY STEEL WIRE			STAINLESS STEEL WIRE			BRASS WIRE
CRIMPED	STRAIGHT		CRIMPED	STRAIGHT		CRIMPED
						
Removing rust and smoothing low-grade and non alloy steels			Brushing and smoothing chrome-nickel steels, including stainless steel			Brushing, cleaning and smoothing brass, copper and bronze
NOSCW NOrmal Steel Crimped Wire	NOSKW NOrmal Steel Knotted Wire	NOSSW NOrmal Steel Straight Wire	STSCW STainless Steel Crimped Wire	STSKW STainless Steel Knotted Wire	STSSW STainless Steel Straight Wire	BRACW BRAss Crimped Wire

### SHAPE KEY

CODE	PRODUCT TYPE	TOOL	APPLICATION
WHB	Crimped Wheel Brushes		Supplied as standard with arbour hole as indicated. The size of the arbour hole can be reduced with reduction rings. Wheel brushes with short wire are more aggressive. Larger widths require more horse power.
	Twist Knotted Wheel Brushes		Suitable for brushing out welded joints and brushing sharp corners.
BEB	Bevel Brushes		Specially designed for brushing hard-to-reach places such as edges and corners.
CPB	Crimped Cup Brushes		Use for cleaning jobs, especially on larger surfaces. Ideal for removing rust, corrosion, paint & primers.
	Twist Knotted Cup Brushes		An aggressive brush perfect for heavy-duty cleaning and finishing of large surfaces. Can be used for removing barnacles, scale, paint, rust and corrosion, as well as cleaning weld seams and spot-welds.
WHB/ENB	Shaft Mounted Brushes		Suitable for industrial use. Ideal for hard-to-reach areas. All shaft mounted brushes are equipped with a 6mm shank.
HCB/SPB	Hand Brushes		With wooden core. Available in different widths. For use on narrow work pieces. Ideal for light deburring & cleaning profiled surfaces.
TUB	Pipe Brushes		With handle or thread. For deburring and cleaning tubes.



# WIRE BRUSHES FOR ANGLE GRINDERS

Flexovit offers a number of brush types and sizes for large flat areas to small, tight spaces. All provide a uniform finish and excellent price/performance ratio.

## PRODUCT SELECTION GUIDE

### FOR ANGLE GRINDERS

ANGLE GRINDER SIZE (mm)	115	125	150	180	230
BRUSH TYPES	BRUSH DIAMETER (mm)				
Wheel brush, knotted	100, 115	125	150	178	-
Wheel brush, crimped	100, 115	-	-	-	-
Cup brush, knotted	65	75	80	100	120
Cup brush, crimped	60	75	80, 100	100	125, 150

### BY APPLICATION

Highly recommended ●

APPLICATIONS	WIRE DIAMETER (mm)		
	0,35	0,5	0,8
Roughening	-	●	●
Planing	●	-	-
Deburring	●	-	-
Edge honing	●	-	-
Descaling/paint stripping	●	●	●
Weld seams	●	●	●

### BY TYPE & MATERIAL

Highly recommended ●

PRODUCT AVAILABILITY ON:	STEEL	CARBON STEEL	STAINLESS STEEL	NON-FERROUS METAL	ALUMINIUM
Normal steel	●	●	-	-	-
Stainless steel	-	-	●	●	●

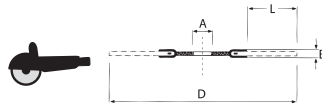
# WIRE BRUSHES

## FOR ANGLE GRINDERS



- For brushing out welded joints and sharp corners
- Removes rust and smoothing low-grade and non-alloy steels
- Stainless steel wire for brushing clean and grinding chrome-nickel steels, including stainless steels

### TWIST KNOTTED WHEEL BRUSHES

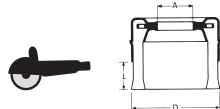


WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,35	115 x 11 T23	22,2	1	7660739555	###,##
	125 x 13 T28	22,2	1	7660739556	###,##
	115 x 11 T23	M14	1	7660739559	###,##
	125 x 13 T28	M14	1	7660739557	###,##
0,50	115 x 11 T23	22,2	1	7660739566	###,##
	125 x 13 T28	22,2	1	7660739567	###,##
	150 x 13 T34	22,2	1	7660739569	###,##
	115 x 11 T23	M14	1	7660739565	###,##
	125 x 13 T28	M14	1	7660739568	###,##
<b>STAINLESS STEEL</b>					
0,50	115 x 11 T23	22,2	1	7660739580	###,##
	125 x 13 T28	22,2	1	66261071591	###,##



- An aggressive brush which is excellent for heavy-duty cleaning and finishing of large surfaces
- Extremely suitable for removing barnacles, paint, rust and oxidation
- Stiff, long lasting knots make light work of heavy material build-up for applications such as preparing joints for filing and scaling

### TWIST KNOTTED CUP BRUSHES

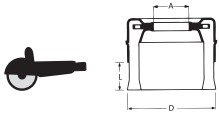


WIRE DIA (mm)	D L (mm)	BORE A (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,35	65 T20	M10	1	7660707289	###,##
	65 T20	M14	1	7660739507	###,##
	80 T25	M14	1	7660739508	###,##
	100 T25	M14	1	7660739510	###,##
0,50	65 T20	M14	1	7660739517	###,##
	80 T25	M14	1	7660739518	###,##
	100 T25	M14	1	7660739520	###,##
0,80	80 T25	M14	1	7660739524	###,##
	100 T25	M14	1	7660739526	###,##
<b>STAINLESS STEEL</b>					
0,50	65 T20	M14	1	7660739530	###,##
	80 T25	M14	1	7660739531	###,##
	100 T25	M14	1	7660739532	###,##





## CRIMPED CUP BRUSHES

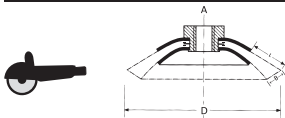


WIRE DIA (mm)	D L (mm)	BORE A (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,35	60 T16	M14	1	7660739541	###,##
	75 T20	M14	1	66261175457	###,##
	80 T25	M14	1	66261175417	###,##
	100 T30	M14	1	7660739544	###,##
0,50	80 T25	M14	1	7660739550	###,##
<b>STAINLESS STEEL</b>					
0,35	60 T16	M14	1	7660739552	###,##
	80 T25	M14	1	7660739553	###,##



- For cleaning jobs and finishing large surfaces
- Easy to use due to flexible bristles
- Select a smaller diameter wire for lighter cleaning, thicker wire for more aggressive applications

## TWIST KNOTTED BEVEL BRUSHES



WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,50	100 x 12 T20	M14	1	7660739564	###,##
	115 x 15 T27,5	M14	1	7660739572	###,##
<b>STAINLESS STEEL</b>					
0,50	100 x 12 T20	M14	1	7660739560	###,##
	115 x 15 T27,5	M14	1	7660739561	###,##



- For difficult to reach areas such as T joints
- For aggressive removal of rust, corrosion, paint & primer
- Stiff, long lasting knots make light work of heavy material build-up for applications such as preparing joints for filling and scaling

## CRIMPED BEVEL BRUSHES



WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,30	100 x 12 T20	M14	1	7660739361	###,##
	115 x 15 T20	M14	1	7660739362	###,##



- Bevel shape is specially designed for hard to reach areas including edges and T joints
- For removal of light rust, corrosion, paint & primer



# WIRE BRUSHES

## FOR HAND DRILLS

Flexovit wire brushes for hand drills are ideal for small and hard to reach areas like inner diameters of holes and tubes.

Used with medium pressure, the brushes are almost spark free, reducing thermal damage on the workpiece. A number of brush types are available for different application needs.

### PRODUCT SELECTION GUIDE

#### BY APPLICATION

Highly recommended ●

APPLICATIONS	WIRE DIAMETER (mm)			
	0,20	0,30	0,35	0,5
Roughening	-	-	●	●
Planing	●	●	●	-
Deburring	●	●	●	●
Edge honing	●	●	●	-
Descaling/paint stripping	-	●	●	●
Weld seams	●	●	●	-

#### BY TYPE & MATERIAL

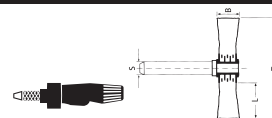
Highly recommended ●

PRODUCT AVAILABILITY ON:	STEEL	CARBON STEEL	STAINLESS STEEL	NON-FERROUS METAL	ALUMINIUM	SOFT WOOD	HARD WOOD
Normal steel	●	●	-	-	-	●	●
Stainless steel	-	-	●	●	●	-	-
Brass wire	-	-	-	●	-	●	-



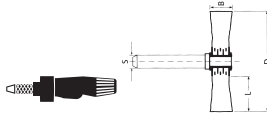
- Circular shape for hard to reach areas including edges and corners
- For aggressive removal of rust, corrosion, paint & primer
- Stiff, long lasting knots make light work of heavy material build-up for preparing joints for filling and scaling

### TWIST KNOTTED WITH SHANK

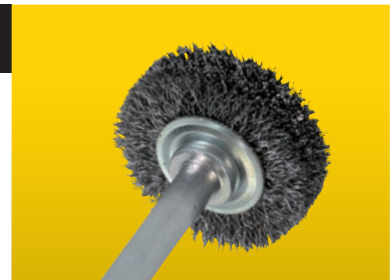


WIRE DIA (mm)	DxB L (mm)	SHANK (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,35	70 x 15 T15	6	12	7660739299	###,##
0,5	70 x 15 T15	6	12	66261175458	###,##

## CRIMPED WITH SHANK



WIRE DIA (mm)	DxB L (mm)	SHANK (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,20	20 x 4 T3	6	10	7660739284	###,##
	30 x 6 T6,5	6	10	7660739296	###,##
	30 x 9 T6,5	6	10	7660739285	###,##
	40 x 9 T9	6	10	7660739286	###,##
	40 x 14 T9	6	10	7660739287	###,##
	50 x 10 T12,5	6	10	7660739288	###,##
	50 x 15 T12,5	6	10	7660739289	###,##
	60 x 10 T17,5	6	10	7660739290	###,##
	70 x 10 T19	6	10	7660739292	###,##
	70 x 15 T19	6	10	7660739293	###,##
0,30	80 x 20 T19	6	10	7660739294	###,##
	50 x 10 T12,5	6	10	7660739301	###,##
	50 x 15 T12,5	6	10	7660739302	###,##
	60 x 10 T17,5	6	10	7660739303	###,##
	60 x 20 T17,5	6	10	7660739308	###,##
	70 x 10 T19	6	10	7660739305	###,##
	70 x 15 T19	6	10	7660739306	###,##
80 x 20 T19	6	10	7660739307	###,##	
<b>STAINLESS STEEL</b>					
0,20	30 x 9 T6,5	6	10	7660739312	###,##
	40 x 9 T9	6	10	7660739313	###,##
	40 x 14 T9	6	10	7660739314	###,##
	50 x 10 T12,5	6	10	7660739315	###,##
	50 x 15 T12,5	6	10	7660739316	###,##
	60 x 10 T17,5	6	10	7660739317	###,##
	70 x 10 T19	6	10	7660739319	###,##
	70 x 15 T19	6	10	7660739320	###,##
0,30	60 x 10 T17,5	6	10	7660739324	###,##
	70 x 10 T19	6	10	7660739326	###,##
	70 x 15 T19	6	10	7660739327	###,##
	80 x 20 T19	6	10	7660739328	###,##
<b>BRASS</b>					
0,20	30 x 9 T6,5	6	10	7660739329	###,##
	40 x 9 T9	6	10	7660739330	###,##
	50 x 15 T12,5	6	10	7660739331	###,##
	70 x 15 T19	6	10	7660739333	###,##



- Circular shape for hard to reach areas including edges and corners
- For removal of light rust, corrosion, paint & primer
- Thicker wire diameter provides more aggressive cleaning
- For less aggressive applications, choose a thinner wire
- 6mm shank fits most brands of hand drills

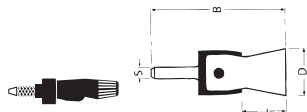
# WIRE BRUSHES

FOR HAND DRILLS



- End brush for heavy duty cleaning and deburring hard to reach areas such as tubes and internal diameters
- Suitable for industrial use. These brushes spread themselves out at a certain speed. Ideal for use inside pipes
- All shaft mounted brushes are equipped with a 6mm diameter shaft. Fit on electric portable drilling machines or pillar drilling machines

## TWIST KNOTTED END BRUSHES ON SHANK (ENB)

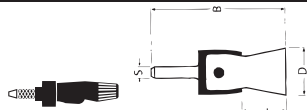


WIRE DIA (mm)	DxBxA L (mm)	SHANK (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,35	19 x 68 T28	6	12	7660739356	###,##
	22 x 68 T28	6	12	7660739357	###,##
0,50	28 x 68 T28	6	12	7660739358	###,##



- Crimped wires for lighter cleaning and material removal
- Suitable for industrial use
- These brushes spread themselves out at a certain speed
- Ideal for use inside pipes

## CRIMPED END BRUSHES ON SHANK (ENB)



WIRE DIA (mm)	DxBxA L (mm)	SHANK (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,20	17 x 65 T22	6	12	66261175341	###,##
0,30	12 x 60 T20	6	12	7660739343	###,##
	17 x 65 T22	6	12	7660739344	###,##
	24 x 68 T25	6	12	7660739263	###,##
	30 x 68 T25	6	12	7660739345	###,##
<b>STAINLESS STEEL</b>					
0,30	12 x 60 T20	6	12	7660739346	###,##
	17 x 65 T22	6	12	7660739347	###,##
	24 x 68 T25	6	12	7660739348	###,##
	30 x 68 T25	6	12	7660739349	###,##





# WIRE BRUSHES FOR BENCH GRINDERS

Wire wheel brushes for bench grinders are commonly used to remove rust, corrosion, hardened paint and adhesive residues, achieving a good surface finish on large or small work pieces at a good price/performance ratio.

Our multiple row wheel brushes are supplied with one set of metal flanges & a complete set of plastic reducing rings.

## PRODUCT SELECTION GUIDE

### BY APPLICATION

Highly recommended ●

APPLICATIONS	WIRE DIAMETER (mm)	
	0,30	0,50
Roughing	-	●
Surface preparation	●	-
Edge honing	●	-
Descaling/paint stripping	●	●
Weld seams	●	●

### BY TYPE & MATERIAL

Highly recommended ●

PRODUCT AVAILABILITY ON:	STEEL	CARBON STEEL	STAINLESS STEEL	NON-FERROUS METAL	ALUMINIUM	SOFT WOOD	HARD WOOD
Normal steel	●	●	-	-	-	●	●
Stainless steel	-	-	●	●	●	-	-
Brass wire	-	-	-	●	-	●	-

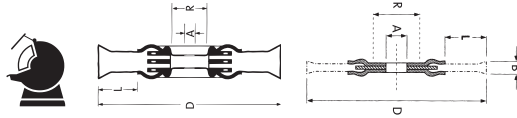
# WIRE BRUSHES

## FOR BENCH GRINDERS



- For removing corrosion, rust, hardened paints & hard adhesive residues
- Crimped wire removes light rust, corrosion, paint & primer
- Choose a larger wire diameter for more aggressive applications
- For lighter work, select a smaller wire diameter
- For working on large surface areas, several wheel brushes can be mounted on the machine simultaneously

### CRIMPED WHEEL BRUSHES



WIRE DIA (mm)	DxBxR L (mm)	BORE A (mm)	# ROWS (mm)	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>						
0,30	100 x 11 x 20 T22	12	1R	1	7660739390	###,##
	125 x 11 x 20 T34	12	1R	1	7660739391	###,##
	150 x 13 x 32 T34	12	1R	1	7660739374	###,##
	80 x 15 x 20 T20	20	2R	1	7660739370	###,##
	100 x 20 x 30 T24	20	2R	1	7660739397	###,##
	100 x 28 x 30 T24	20	3R	1	7660739371	###,##
	125 x 24 x 30 T36	20	2R	1	7660739398	###,##
	150 x 18 x 51 T27	32	2R	1	7660739399	###,##
	150 x 29 x 51 T27	32	2R	1	7660739376	###,##
	180 x 22 x 51 T42	32	2R	1	66261175466	###,##
	180 x 28 x 51 T42	32	2R	1	7660739377	###,##
	200 x 26 x 80 T40	32	2R	1	7660739400	###,##
	200 x 36 x 80 T40	32	2R	1	7660739401	###,##
	250 x 32 x 100 T50	50,8	3R	1	7660739402	###,##
	300 x 32 x 100 T69	50,8	2R	1	7660739382	###,##
<b>STAINLESS STEEL</b>						
0,30	125 x 24 x 30 T36	20	2R	1	7660739410	###,##
	150 x 18 x 51 T27	32	2R	1	7660739411	###,##
	180 x 28 x 51 T42	32	2R	1	7660739409	###,##
	200 x 26 x 80 T40	32	2R	1	7660739414	###,##

#### TECHNICAL INFORMATION

Short steel wire makes the brushes more aggressive than the one with long wire.

Steel wire for removing rust and smoothing low-grade and non-alloy steels.

Stainless steel wire for brushing clean and grinding chrome-nickel steels, including stainless steels.



# WIRE BRUSHES

## FOR MANUAL APPLICATIONS

Simple brushing operations can be carried out by hand using Flexovit manual brushes. A number of brush types are available for different applications including cleaning and removing rust, scale and paint.

### PRODUCT SELECTION GUIDE

#### BY APPLICATION

Highly recommended ●

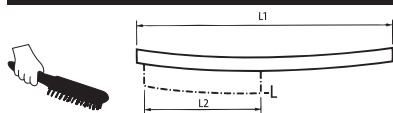
APPLICATIONS	TYPE OF WIRE		
	BRASS	CRIMPED	STRAIGHT
Descaling/paint stripping	-	●	-
Weld seams	-	●	-
Brushing/dust removal	-	-	●
Light cleaning	●	-	-

#### BY TYPE & MATERIAL

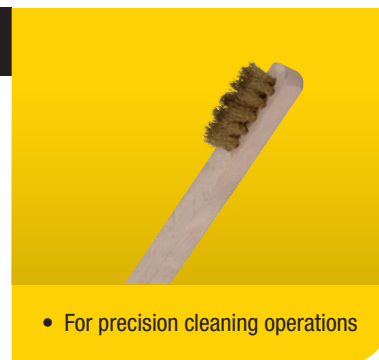
Highly recommended ●

PRODUCT AVAILABILITY ON:	STEEL	CARBON STEEL	STAINLESS STEEL	NON-FERROUS METAL	ALUMINIUM	SOFT WOOD	HARD WOOD
Normal steel	●	●	-	-	-	●	●
Stainless steel	-	-	●	●	●	-	-
Brass wire	-	-	-	●	-	●	-

### WOOD HANDLE STRAIGHT WIRE



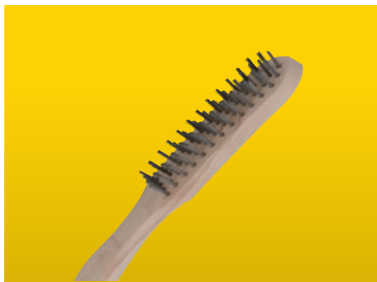
WIRE DIA (mm)	L1xL2xL (mm)	# ROWS	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
0,20	200 x 18 x 45	3 x 6R	24	7660739217	###,##
0,30	195 x 26 x 50	5 x 8R	24	7660739218	###,##



- For precision cleaning operations

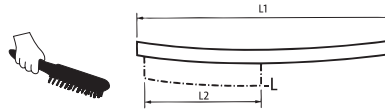
# WIRE BRUSHES

## FOR MANUAL APPLICATIONS



- Basic hand brush for simple cleaning jobs in hard to reach or small areas
- Select plastic handle for better grip and comfort in use
- Choose a larger wire diameter for more aggressive applications while smaller wire diameters are ideal for cleaning operations

### BRUSHES WITH HANDLE



WIRE DIA (mm)	L1xL2xL (mm)	# ROWS	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>					
<b>WOOD HANDLE STRAIGHT WIRE</b>					
0,30	290 x 140 x 25	2R	12	7660739477	###,##
	290 x 140 x 25	3R	12	7660739478	###,##
	290 x 140 x 25	4R	12	7660739479	###,##
	290 x 140 x 25	5R	12	7660739480	###,##
<b>PLASTIC HAND CRIMPED WIRE</b>					
0,30	265 x 140 x 25	1R	6	7660739482	###,##
<b>STAINLESS STEEL</b>					
<b>WOOD HANDLE STRAIGHT WIRE</b>					
0,30	290 x 140 x 25	2R	12	7660739485	###,##
	290 x 140 x 25	3R	12	7660739486	###,##
	290 x 140 x 25	4R	12	7660739487	###,##
<b>WOOD HANDLE CRIMPED WIRE</b>					
0,30	290 x 140 x 25	2R	12	7660739489	###,##
	290 x 140 x 25	3R	12	7660739490	###,##
<b>PLASTIC HAND CRIMPED WIRE</b>					
0,30	265 x 140 x 25	1R	6	7660739483	###,##
<b>BRASS</b>					
<b>WOOD HANDLE CRIMPED WIRE</b>					
0,30	290 x 140 x 25	2R	12	7660739494	###,##
	290 x 140 x 25	3R	12	7660739495	###,##
	290 x 140 x 25	4R	12	7660739496	###,##
<b>PLASTIC HAND CRIMPED WIRE</b>					
0,30	265 x 140 x 25	1R	6	7660739484	###,##



- For heavy duty scrubbing operations on large and irregular surfaces

### HANDLE & BROOM STEELWIRE



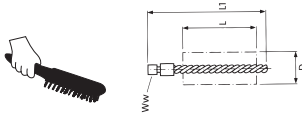
BxD L (mm)	# ROWS	PK QTY	ART NO.	PRICE
<b>NORMAL STEEL</b>				
<b>HANDLE SCRUBBER</b>				
300 x 60 T75	6 x 20	1	7660739213	###,##
<b>BROOM</b>				
210 x 65 T30	6 x 17	1	7660739215	###,##



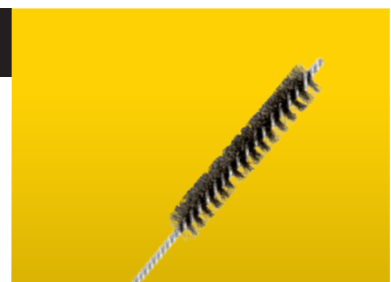


# PIPE BRUSHES WITH HANDLE

## PIPE BRUSHES WITH HANDLE



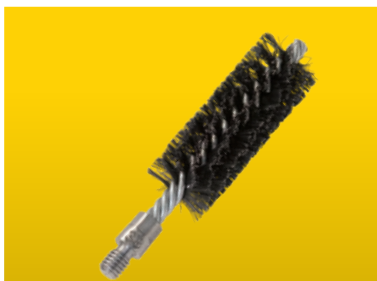
WIRE DIA (mm)	DxLxL1 (mm)	PK QTY	ART NO.	PRICE
<b>CRIMPED WIRE</b>				
<b>NORMAL STEEL</b>				
0,10	6 x 100 x 300	20	7660739442	###,##
	10 x 100 x 300	20	7660739449	###,##
	12 x 100 x 300	20	7660739450	###,##
	15 x 100 x 300	20	7660739451	###,##
	18 x 100 x 300	20	7660739454	###,##
0,20	20 x 100 x 300	20	7660739452	###,##
	25 x 100 x 300	20	7660739453	###,##
<b>STAINLESS STEEL</b>				
0,10	12 x 100 x 300	20	7660739446	###,##
	15 x 100 x 300	20	7660739447	###,##
<b>BRASS</b>				
0,10	6 x 100 x 300	20	7660739455	###,##
	10 x 100 x 300	20	7660739457	###,##
	12 x 100 x 300	20	7660739458	###,##
	15 x 100 x 300	20	7660739459	###,##
	18 x 100 x 300	20	7660739462	###,##
0,20	20 x 100 x 300	20	7660739460	###,##
	25 x 100 x 300	20	7660739461	###,##
<b>STAINLESS STEEL</b>				
0,10	12 x 60 T20	12	7660739346	###,##
	17 x 65 T22	12	7660739347	###,##
<b>NYLON WIRE</b>				
0,20	6 x 100 x 300	20	7660739463	###,##
	8 x 100 x 300	20	7660739464	###,##
	10 x 100 x 300	20	7660739465	###,##
	12 x 100 x 300	20	7660739466	###,##
	15 x 100 x 300	20	7660739467	###,##
0,25	18 x 100 x 300	20	7660739470	###,##
	20 x 100 x 300	20	7660739468	###,##
	25 x 100 x 300	20	7660739469	###,##



- Pipe brush cleans and descales internal diameter of pipes
- Flexible metal shaft allows cleaning around bends and corners

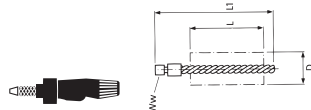


# PIPE BRUSHES WITH SHANK



- Pipe brush cleans and descales internal diameter of pipes
- Specially designed for boiler tube cleaning, removing rust and scale
- Flexible metal shaft allows cleaning around bends and corners with shank 6mm or screw fitting (M6, 1/2" BSW)

## PIPE BRUSHES WITH SHANK



WIRE DIA (mm)	DxLxL1 (mm)	SHANK / W/W	PK QTY	ART NO.	PRICE
<b>CRIMPED WIRE</b>					
<b>NORMAL STEEL</b>					
0,20	25 x 80 x 115	6 mm	10	7660739422	###,##
	10 x 80 x 115	M6	10	7660739424	###,##
	16 x 80 x 115	M6	10	7660739426	###,##
	20 x 80 x 115	M6	10	7660739440	###,##
	25 x 100 x 160	1/2"BSW	5	7660739429	###,##
0,30	32 x 100 x 160	1/2"BSW	5	7660739431	###,##
	38 x 100 x 160	1/2"BSW	5	7660739432	###,##
	44 x 100 x 160	1/2"BSW	5	7660739433	###,##
0,40	50 x 100 x 160	1/2"BSW	5	7660739434	###,##
	69 x 100 x 160	1/2"BSW	5	7660739436	###,##
	75 x 100 x 160	1/2"BSW	5	7660739437	###,##
	82 x 100 x 160	1/2"BSW	5	7660739438	###,##
<b>LONG SHAFT FOR PIPE BRUSHES WITH SHANK</b>					
-	1000	M6	1	7660739474	###,##
-	1000	1/2"BSW	1	7660739475	###,##

## DIAMOND BLADES

FOR INDUSTRIAL APPLICATIONS

Understanding the product	164
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Blades for ceramic & porcelain tiles	176
Blades for asphalt & abrasive materials	178
Blades for multi materials	179
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# UNDERSTANDING THE PRODUCT

Strong Flexovit branding		
Product name	flexOvit	Quality tier indicator
Product type	Diamond Blade	Specific application materials
Machine type	LASER MP +	Application colour code
Safety pictograms	230 mm	European Safety Standard EN13236
Blade size	230 mm	oSa certified - Organization for the Safety of Abrasives

## DIFFERENTIATION IN THE RANGE

Flexovit offers a comprehensive selection of diamond blades helping to meet every requirement encountered in all industrial and construction markets. The Flexovit range comprises 3 distinct product lines with three price/performance levels; Mega-Line (premium performance), Industrial Line (high performance), and Speedoflex (economy performance) to help you choose the right product for your application.



**MEGA-LINE** ○○○○

Mega-Line blades work faster and last longer than their counterparts in the Flexovit range, helping to reduce overall abrasive cost. Designed to provide a smoother, quicker cut, Mega-Line is ideal for heavy duty applications and materials.



**INDUSTRIAL LINE** ○○○○

Great performance versus price, Industrial Line are true 'all round' blades with great cutting capabilities, offering excellent value for money.



**SPEEDOFLEX** ○○○

Speedoflex is ideal for when cost takes precedence over performance. Reliable quality of cut on a number of materials, Speedoflex is the go-to range for an economical solution.

# SEGMENT SHAPES



**SEGMENTED**

The gullets (space between the segments) help to extract cutting dust and cool the blade. They also offer the blade a little flexibility to prevent cracks developing when used in demanding conditions. Ideal for concrete, reinforced concrete, asphalt and all building materials.



**FLAT CONTINUOUS RIM**

Continuous rim blades are required for a good quality finish. The flat continuous surface means there are no shocks against the material that could create chips in the workpiece. This type of blade is particularly suitable for tiles that need a perfect finish.



**TURBO CORRUGATED CONTINUOUS RIM**

When the material is extremely hard a more aggressive cut is needed, so a corrugated continuous rim is the best fit. This design gives small shocks to the workpiece when tackling the hardest tiles and building materials. Suitable for ceramic and porcelain tiles, granite, roof tiles and other hard materials.

## CONSTRUCTION ICONS

### MATERIAL ICONS

Concrete & Re-inforced Concrete	General Purpose & Granite	Roof Tiles	Ductile Iron	Concrete & Hard Materials	Ceramic & Porcelain	PVC	Asphalt & Abrasive Products

### MACHINE ICONS


Angle Grinder	Petrol Saw	Desktop Tile Saw	Masonry Saw	Floor Saw

### SAFETY ICONS

Mouth Protection	Wear Gloves	Eye Protection	Ear Protection	Read Instructions	Do not use wet	Only for wet cutting

### LASER WELDED BLADES

Laser welded blades are recognisable with this logo:



Laser welding segments on to the steel core in the manufacture of diamond tools was invented in 1982.

The segments from this process benefit from higher torque resistance and increased safety.

# PRODUCT SELECTION GUIDE

## DIAMOND BLADES



MATERIALS	MEGA-LINE SILENT MAXX	NEW IND. LINE SILENT	MEGA-LINE LASER MP+	MEGA-LINE LASER MP	IND. LINE TP BETON	IND. LINE DUCTIL	MEGA-LINE TURBO PLUS	IND. LINE SUPREME JET	IND. LINE TURBO GRANIT	SPEEDOFLEX TURBO	NEW IND. LINE SILENT	IND. LINE LASER TURBO GRANIT
	●●●●●	●●●●	●●●●●	●●●●●	●●●●	●●●●	●●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
	CONCRETE & REINFORCED CONCRETE						GENERAL PURPOSE & GRANITE					
Abrasive natural stone			●	●		●	○	○	●	●		●
Asphalt			●	●		●						
Brick	●	●	●	●	○	●	●	●	●	●	●	●
Cellular concrete	●	●	●	●	○	●	○	○	●	●	●	●
Ceramic tiles							●	●	●	○		●
Clay roof tile			●	●	●	●	●	●	●	○		●
Concrete	●	●	●	●	●	●	●	●	●	○	●	●
Concrete block	●	●	●	●	●	●	●	●	●	●	●	●
Concrete floor			●	●	○	●	●	●	●	●		●
Concrete pipe	●	●	●	●	●	●	●	●	●	●	●	●
Concrete roof tile	●	●	●	●		●	●	●	●	●	●	●
Ductile iron			●	●	○	●						
Granite	●	●	●	●	○	●	●	●	●	○		●
Green concrete												
Hard natural stone	●	●	●	●		●	●	●	●	○		●
Hard roof tile	●		●	●		●	●	●	●	○		●
Kerb stone	●	●	●	●	●	●	●	●	●	●	●	●
Limestone			●	●		●	●	●	●	○		
Marble			○	○		○	○	○	○	○		
Mortar	●	●	●	●		●	○	○		●		
Porcelain												
PVC fiberglass												
Quarry tiles							●	●	●	○		●
Refractory block							●	●	●	●		●
Reinforced concrete	●	●	●	●	●	●	●	●	●	○		●
Reinforce resins												
Sandstone	●	●	●	●	○	●	●	●	●	○		●
Sandstone pipe			●	●	●	●	●	●	●	●		
Steel			○	○		●						
Terrazo	●											
Washed concrete	●	●	●	●	●	●	●	●	●	●		●

DIAMOND BLADES



- Highly recommended ●
- Recommended ◐
- Occasional use ○



IND. LINE LASER GP	SPEEDOFLEX LASER GP	SPEEDOFLEX UNI	IND. LINE CG-Z	IND. LINE MR	IND. LINE CG TURBO	IND. LINE PRO SURF	IND. LINE MARMO PRO	IND. LINE CUT'N'GRIND	MEGA-LINE THIN CUT PLUS	IND. LINE THIN CUT	IND. LINE TILE	SPEEDOFLEX TILE	IND. LINE TP ASPHALT	IND. LINE TP MIXTE
●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
CONCRETE & HARD MATERIALS									CERAMIC & PORCELAIN TILES			ASPHALT	MULTI	
								◐						●
								◐					●	◐
●	●	●					◐	◐						●
◐	◐	○					●	●						◐
			●				●	●	●	●	◐	◐		
●	●	●						◐						◐
●	●	◐	●	●	●	●	●	◐						●
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DIAMOND BLADES

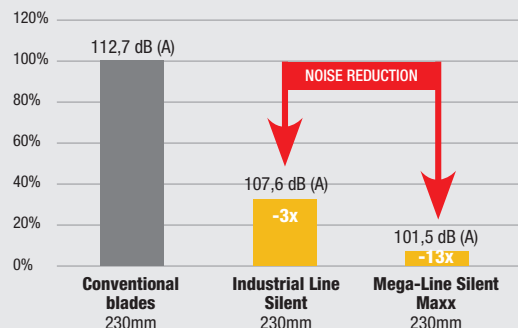


# PRODUCT INNOVATIONS

## DIAMOND BLADE INNOVATIONS & NEW TECHNOLOGIES

### MEGA-LINE SILENT MAXX & INDUSTRIAL LINE SILENT BLADES

NOISE LEVEL COMPARED TO A CONVENTIONAL BLADE (NOT SILENT)



Local regulations often prevent excessive noise in residential areas, city centres, schools and hospitals, where residents are extremely sensitive to environmental disturbances. That is why it is vital to find alternative tools that can help to reduce noise when working in these environments.

With up to 17mm high segments and a bespoke specification for each application, Flexovit Mega-Line Silent Maxx is our most efficient diamond blade for granite, concrete and general purpose materials, while protecting the surrounding area from disturbing cutting noise.

**SEE PAGES 169 & 172 FOR PRODUCT DETAILS**

### iHD™ TECHNOLOGY INFILTRATED HIGH DENSITY DIAMOND BLADES



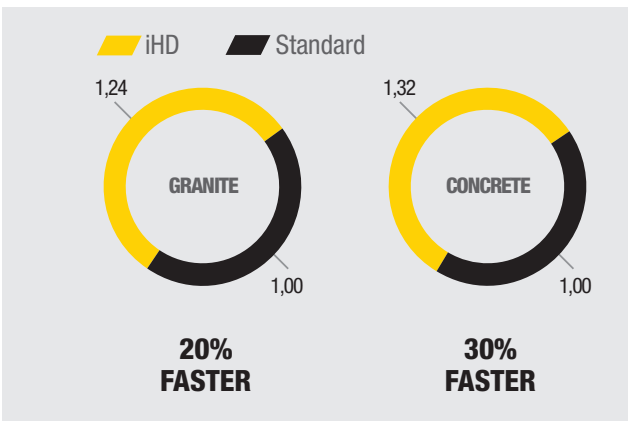
**Flexovit Infiltrated High Density technology (iHD) combined with its patented diamond blades laser-welding process is the biggest breakthrough in diamond tools this century. Through many years of research and development this revolutionary process offers our customers with unrivalled performance, increased safety, lower energy manufacturing and a wider choice of segment design.**

Infiltration achieves high uniform density across each whole segment without applying high pressure (like the standard process). This allows us to manufacture very robust segments which wear evenly, remain intact and perform faster at higher cutting speeds.

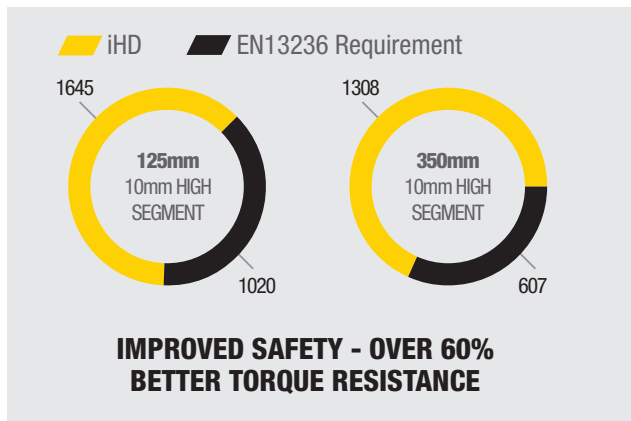
The diamond grit is an integral part of the segment structure. During the patented process a special bond impregnates the core structure and binds the diamond grit into the segment. This ensures optimum use of the diamond grit, giving the diamond tools a longer life.

The optimised process also means increased segment design flexibility resulting in greater diversification of diamond blade shapes to best suit applications and materials to be cut.

#### RELATIVE SPEED COMPARISON



#### MIN TORQUE RESISTANCE COMPARISON N/mm<sup>2</sup>







# DIAMOND TOOLS FOR CONCRETE & REINFORCED CONCRETE

## THE SILENT DIAMOND BLADE



### MEGA-LINE SILENT MAXX

- Patented diamond blade that offers noise reduction of up to 13x on a 230mm blade compared to a conventional blade
- Excellent cutting performance on concrete, reinforced concrete and hard materials
- Laser welded iHD™ segments
- Reduced vibration when in use for improved comfort and cut
- Up to 17mm segment height (ø230mm) for long blade life

**FIND OUT MORE**  
[www.flexovit.com](http://www.flexovit.com)



MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
FOR WET & DRY USE						
	230	22,23	17/2,8	1	70184601169	###,##
	300	20	15/3,1	1	70184693700	###,##
	350	25,4	15/3,1	1	70184693701	###,##
	230	22,23 + flange	17/2,8	1	70184602126*	###,##

\* Made-to-order



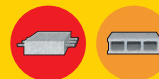
## NEW INDUSTRIAL LINE SILENT

- Noise reducing blade that's up to 3x quieter than standard Industrial Line blades
- Reduced vibration when in use for improved comfort and cut
- Laser welded segments are 12mm high for good cutting life

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	230	22,23	12/2,6	1	70184603113	###,##



FOR WET & DRY USE



DIAMOND  
BLADES



## MEGA-LINE LASER MP+



- Excellent performance on concrete, reinforced concrete & building materials thanks to a high density and more even distribution of diamond grain through the segment
- Specially designed segment side for reduced friction and faster cut
- Laser welded iHD™ segments for higher torque resistance and increased safety
- Perforated steel centre for cooler cutting

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	230	22,23	12/2,5	1	70184694156	###,##
	300	20	12/2,5	1	70184694157	###,##
	350	20	12/2,8	1	70184694159	###,##
	350	25,4	12/2,8	1	70184694158	###,##



## MEGA-LINE LASER MP



- Great cutting performance on concrete, reinforced concrete and building materials
- Segments are laser welded to the steel core for higher torque resistance and increased safety
- Multiple perforations in the steel centre provide an extra cool cut

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	22,23	12/2,2	1	70184628402	###,##
	230	22,23	12/2,5	1	70184623440	###,##
	300	20	10/2,8	1	70184623441	###,##
	300	25,4	10/2,8	1	70184623472	###,##
	350	25,4	10/3	1	70184623442	###,##



## INDUSTRIAL LINE TP BETON



- For concrete, reinforced concrete and building materials
- 'At a glance' cutting depth indicator also shows direction of mounting onto the machine
- Segments are laser welded to the steel core for higher torque resistance and increased safety
- Wide gullets make this blade ideal for use on soft materials like limestone and sandstone

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	300	20	12/2,8	1	70184647250	###,##
	300	25,4	12/2,8	1	70184647252	###,##
	350	25,4	12/3	1	70184647253	###,##
	400	25,4	12/3,2	1	70184694601	###,##
	450	25,4	12/3,2	1	70184694602	###,##



## INDUSTRIAL LINE DUCTIL



- Multi-material vacuum brased blade
- For cutting roof shingles, PVC, fibreglass reinforced resin, wood (some types), ductile iron, metal and building materials

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	22,23	3/2,5	1	70184602031	###,##
	230	22,23	8/3,1	1	70184647090	###,##
	300	20	8/3,1	1	70184602462	###,##



## DIAMOND TOOLS FOR GENERAL PURPOSE & GRANITE

### MEGA-LINE TURBO PLUS



- Corrugated continuous rim blade for a smooth and fast cut on building materials, roof tiles and natural stone
- Excellent performance on hard materials requiring a high quality cut
- Reinforced steel centre helps to ensure a tidy, straight cut

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	22,23	12/2,1	1	70184623437	###,##
	230	22,23	12/2,8	1	70184623438	###,##



FOR WET & DRY USE



### INDUSTRIAL LINE SUPREME JET



- Corrugated continuous rim blade for a smooth and fast cut on general purpose building materials, granite, roof tiles and natural stone
- Great performance on hard materials requiring a high quality cut
- Reinforced steel centre helps to ensure a tidy, straight cut

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	22,23	12/2,1	1	70184694606	###,##
	230	22,23	12/2,8	1	70184694607	###,##



FOR WET & DRY USE



# DIAMOND TOOLS FOR GENERAL PURPOSE & GRANITE



## INDUSTRIAL LINE TURBO GRANIT



- Corrugated continuous rim blade for aggressive cutting on hard building materials, roof tiles and natural stone
- Inserts around the outside of the blade help to reduce wear when cutting hard materials

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	9/2,2	1	70184623406	###,##
	125	22,23	9/2,2	1	70184623407	###,##
	230	22,23	9/2,6	1	70184623408	###,##
	230	22,23 + flange	9/2,6	1	70184623409	###,##



## SPEEDOFLEX TURBO



- Corrugated continuous rim blade cuts hard building materials, roof tiles and stone
- Ideal for cutting when cost takes precedence over life and speed

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	10/2	1	70184623377	###,##
	125	22,23	10/2	1	70184623378	###,##
	230	22,23	10/2,5	1	70184623380	###,##



## NEW INDUSTRIAL LINE SILENT



- Noise reducing blade cuts up to 8x quieter than a conventional Industrial Line blade
- Reduced vibration through the blade and machine makes this a more comfortable blade to use
- Great cutting performance on all types of building materials
- 12mm segments ensure this blade lasts longer than standard equivalents

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	350	25,4	12/3,1	1	70184603114*	###,##

\* Made-to-order



## INDUSTRIAL LINE MARMO PRO



- Specific electroplated manufacturing process allows the smoothest cut in hard materials as marble, granite and natural stone
- Also ideal for plastics, composite materials or fiber-glass resins
- The drop-down diamond inserts on the steel core clean the cutting profile to ensure the best quality of cut

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	3,5/2,4	1	70184640958	###,##
	125	22,23	3,5/2,4	1	70184640236	###,##
	230	22,23	3/2,8	1	70184640237	###,##

## INDUSTRIAL LINE LASER TURBO GRANIT



- Corrugated segments cut aggressively on hard materials like granite and natural stone
- Can also be used with good results, on all types of building materials
- The corrugated segments help to remove cutting dust from the surface, creating a cooler cut and reducing friction allowing a faster speed of cut
- 12mm segment depth for longer life

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	12/2,2	1	70184626156	###,##
	125	22,23	12/2,2	1	70184626157	###,##
	180	22,23	12/2,6	1	70184626158*	###,##
	230	22,23	12/2,6	1	70184694612	###,##
	230	22,23	15/2,6	1	70184626160	###,##
	350	25,4	12/3,2	1	70184626163	###,##
	400	25,4	12/3,2	1	70184628248	###,##

\* Made-to-order



FOR WET & DRY USE



**LASER**

## INDUSTRIAL LINE LASER GP



- Provides a good quality cut on all building materials
- 10mm laser welded segments for 30% longer life versus Speedoflex Laser GP

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	10/2,2	1	70184626410	###,##
	125	22,23	10/2,2	1	70184626411	###,##
	150	22,23	10/2,2	1	70184626412	###,##
	180	22,23	10/2,5	1	70184626413	###,##
	230	22,23	10/2,5	1	70184626414	###,##



FOR WET & DRY USE



**LASER**

## SPEEDOFLEX LASER GP



- Good value blade for cutting building materials
- 7mm laser welded segments

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	7/2,2	1	70184623387	###,##
	125	22,23	7/2,2	1	70184623388	###,##
	230	22,23	7/2,5	1	70184623389	###,##



FOR WET & DRY USE



**LASER**

## SPEEDOFLEX UNI



- Cost-effective diamond blade for building materials

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	10/1,6	1	70184623382	###,##
	125	22,23	10/1,6	1	70184623383	###,##
	150	22,23	10/2	1	70184623384	###,##
	180	22,23	10/2	1	70184623385	###,##
	230	22,23	10/2,3	1	70184623386	###,##



FOR WET & DRY USE





## DIAMOND TOOLS FOR **GRINDING & SURFACING**

### DIAMOND BLADES

# SELF SHARPENING GRINDING WHEEL

## INDUSTRIAL LINE CG-Z

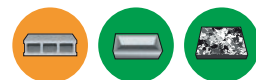


- Diamond grinding wheel with double rim segments for fast and clean material removal
- Ideal for removing material from building materials, concrete and natural stone
- Manufactured using iHD™ technology ensuring uniform density of diamonds throughout each segment to remove more material, faster and longer life

FOR WET & DRY USE



MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	22,23	-	1	70184694211	###,##
	180	22,23	-	1	70184602680	###,##



NEW

## INDUSTRIAL LINE MR



- Double row grinding cup for fast material removal on all building materials, concrete and natural stone

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	100	22,23/16	-	1	70184622076	###,##
	125	22,23/16	-	1	70184622077	###,##



FOR WET & DRY USE



## INDUSTRIAL LINE CG TURBO



- Corrugated cup grinder for aggressive grinding on all building materials, concrete and natural stone
- Large segments enable faster grinding across large surfaces with a good finish

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	22,23/16	-	1	70184630633*	###,##
	180	22,23/16	-	1	70184630715	###,##

\* Made-to-order



FOR WET & DRY USE

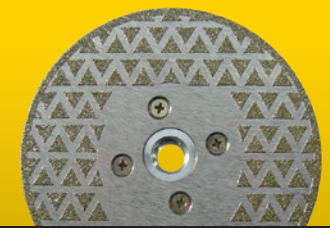


## INDUSTRIAL LINE PRO SURF

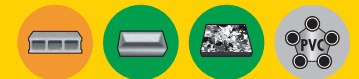


- Designed for both cutting using the rim and grinding using the face of the blade
- Electro-plated diamond grids for use on marble, granite, natural stone, plastics, resins and ductile iron

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	M14	-	1	70184644107	###,##



FOR WET & DRY USE



## INDUSTRIAL LINE CUT'N GRIND



- Designed for cutting with the rim and grinding using the front face of the blade
- Large surface contact supports fast material removal on building materials, concrete, roof tiles and natural stone
- M14 screw connection for offset cutting and grinding

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	M14	-	1	70184645222	###,##



FOR WET & DRY USE





## DIAMOND TOOLS FOR **CERAMIC & PORCELAIN TILES**

### DIAMOND BLADES

# CORRUGATED CONTINUOUS RIM

## MEGA-LINE THIN CUT PLUS

- Thin continuous rim with multiple corrugations for a fast, smooth cut on hard ceramic and porcelain tiles, quarry tiles and marble
- Reinforced steel core supports a very straight cut
- The first choice blade for hard tiles
- 10mm rim height for long life versus Industrial Line

**FOR WET & DRY USE**



MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	10/1,4	1	70184623444	###,##
	125	22,23	10/1,4	1	70184623445	###,##





## INDUSTRIAL LINE THIN CUT



- Thin continuous rim with standard corrugations for a good quality cut through hard ceramic and porcelain tiles, quarry tiles, sandstone and marble
- Ideal blade when performance is less important than blade cost

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	8/1,7	1	70184623420	###,##
	125	22,23	8/1,7	1	70184623421	###,##



FOR WET & DRY USE



## INDUSTRIAL LINE TILE



- Flat continuous rim blade for a smooth cut on ceramic and porcelain tiles

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	5/1,6	1	70184623413	###,##
	125	22,23	5/1,6	1	70184623414	###,##
	180	30/25,4	7/2	1	70184623416	###,##
	200	30/25,4	5/2,3	1	70184623417	###,##



FOR WET USE ON TILE SAWS



## SPEEDOFLEX TILE



- Flat continuous rim blade for a good cut through ceramic and porcelain tiles
- Cost effective solution for when performance is secondary to price

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	115	22,23	5/1,7	1	70184623390	###,##
	125	22,23	5/1,7	1	70184623391	###,##



FOR WET & DRY USE





## DIAMOND TOOLS FOR ASPHALT & ABRASIVE MATERIALS






DIAMOND  
BLADES



### INDUSTRIAL LINE TP ASPHALT



- Slanted segments help to protect the blade against undercutting of the steel centre
- Segments are laser welded onto the steel centre for higher torque resistance and improved safety
- Clear depth indicator visible at a glance, also features rotational arrows showing the direction of mounting onto the machine (for blades up to 450mm)

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	300	25,4/20	10/2,8	1	70184647254	###,##
	350	25,4	10/3,2	1	70184647255	###,##
	400	25,4	10/3,2	1	70184694603	###,##
	450	25,4	10/3,2	1	70184694604	###,##
	500	25,4	10/3,8	1	70184694605	###,##



## DIAMOND TOOLS FOR MULTI MATERIALS

### INDUSTRIAL LINE TP MIXTE



- A true multi-purpose blade
- Can be used on several machines for cutting many different materials from concrete to asphalt
- Clear depth indicator visible at a glance, also features rotational arrows showing the direction of mounting onto the machine
- Laser welded blade for higher torque resistance and improved safety



FOR WET & DRY USE



**LASER**

DIAMOND  
BLADES

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.	PRICE
	125	22,23	10/2,2	1	70184603322	###,##
	230	22,23	10/2,5	1	70184602129	###,##
<b>NEW</b>	300	25,4/20	12/2,8	1	70184647256	###,##
	350	20	12/3	1	70184694653	###,##
	350	25,4	12/3	1	70184647257	###,##
<b>NEW</b>	400	25,4	12/3,2	1	70184603215	###,##

### QUICKFIX

- Adjust the size of blade bores to fit different machines with different arbour/shaft diameters. Two types are available, the first allows a blade with either a 25,4mm or 22,23mm bore to be mounted on a machine with a 20mm arbour/shaft. The second enables a blade with 25,4mm bore to be fitted to a machine with a 22,23mm arbour/shaft.

MACHINE	BORE OF BLADE (mm)	BORE OF MACHINE (mm)	QTY	ART NO.	PRICE
	25,4/22,23	20	1	70184624549	###,##
	25,4	22,23	1	70184624550	###,##



# SAFETY ADVICE DO'S & DON'TS

## DO'S

For your safety you should ensure that you are fully aware of how to safely use diamond blades

✓	<b>DO</b> Read the safety instructions provided by the abrasive and equipment supplier
✓	<b>DO</b> Store abrasives in dry, frost-free conditions avoiding wide variations in temperature
✓	<b>DO</b> Ensure that the product is suitable for its purpose
✓	<b>DO</b> Handle, store and transport products with care
✓	<b>DO</b> Disconnect the power from the machine before fitting the product
✓	<b>DO</b> Examine all products before mounting and periodically during blade use for possible defects or damage (core flatness, fatigue cracks, undercutting, arbour hole damage...)
✓	<b>DO</b> Check that correct mounting devices are used and that they are clean, undistorted and free from burrs
✓	<b>DO</b> Ensure that work rests are properly adjusted and secure
✓	<b>DO</b> Wear appropriate personal protective equipment at all times
✓	<b>DO</b> Always use a correctly designed and adjusted guard (on the blade and belts)
✓	<b>DO</b> Ensure that the workpiece is secure
✓	<b>DO</b> Avoid clogging and uneven wear to ensure that the product is working efficiently
✓	<b>DO</b> Ensure accordance between product direction arrow / machine rotation
✓	<b>DO</b> Ensure that all machines using abrasives meet the requirements of the current european machinery directives-CE
✓	<b>DO</b> Be aware of the hazards likely during the use of abrasives and observe the recommended precautions to be taken: <ul style="list-style-type: none"> <li>• Bodily contact with the abrasive product at operating speed</li> <li>• Injury resulting from product breakage in use</li> <li>• Grinding debris, sparks, fumes and dust generated by the grinding process</li> <li>• Noise</li> <li>• Vibration</li> </ul>

## DON'T'S

For your safety you should ensure that you are fully aware of how to safely use diamond blades

✗	<b>DON'T</b> Allow untrained people to use abrasives
✗	<b>DON'T</b> Use a product that is damaged or one which has been dropped
✗	<b>DON'T</b> Use a product if it cannot be properly identified
✗	<b>DON'T</b> Use a machine that is not in good working order or one with defective parts
✗	<b>DON'T</b> Force the abrasive onto the mounting device or modify the size of the mounting hole
✗	<b>DON'T</b> Exceed the maximum operating speed marked on the product
✗	<b>DON'T</b> Apply shock or excessive force to the product or let it overheat
✗	<b>DON'T</b> Use mounting flanges which are not clean and flat
✗	<b>DON'T</b> Tighten the mounting device excessively
✗	<b>DON'T</b> Start the machine until the guard is in place and fastened securely
✗	<b>DON'T</b> Continue to use a product if vibration occurs. True or replace it
✗	<b>DON'T</b> Grind on the part of the product which is not designed for the operation
✗	<b>DON'T</b> Stop the abrasive by applying pressure to its surface, let it stop naturally
✗	<b>DON'T</b> Exceed permissible rotation speeds: refer to values engraved on product
✗	<b>DON'T</b> Use blades with missing segments or core cracks
✗	<b>DON'T</b> Wear loose clothing, ties and jewellery
✗	<b>DON'T</b> Use abrasive products near flammable materials

# TROUBLESHOOTING

## DIAMOND BLADE DOES NOT CUT

**CAUSE:** The segments are too hard for the material  
**SOLUTION:** Check if the blade is suitable for the material

**CAUSE:** The segments have become blunt  
**SOLUTION:** Sharpen the segments by cutting an abrasive material (e.g. sandstone)

**CAUSE:** Insufficient machine power  
**SOLUTION:** Check the voltage, machine power and filters

## CRACKING OF STEEL CENTRE

**CAUSE:** The segments are too hard for the material  
**SOLUTION:** Check if the blade is suitable for the material

**CAUSE:** Excessive cutting pressure, overheating, material slippage, twisting or jamming in the cut  
**SOLUTION:** Leave the blade to do the work, do not exert too much pressure and allow the blade to cool regularly by leaving it to rotate away from the workpiece for a few seconds

## UNDERCUTTING

**CAUSE:** Undercutting occurs when the steel core wears faster than the segment, i.e. where the segment and steel core meet. This is usually caused by materials that are highly abrasive. The cutting debris is not removed sufficiently and the steel core is affected. Undercutting is certain to occur if a diamond blade for hard materials is used to cut abrasive materials  
**SOLUTION:** Use a diamond blade suitable for the specific material

## EXCESSIVE WEAR

**CAUSE:** The segment is too soft for the material (e.g. if a blade for hard material is used to cut abrasive material)  
**SOLUTION:** Check if the diamond blade is suitable for the material

## LOOSENING OR CRACKING OF SEGMENTS

**CAUSE:** The segments are too hard for the material. This results in the diamond blade bouncing in the cut resulting in cracking segments  
**SOLUTION:** Check if the diamond blade is suitable for the material

## SCORCHING OF SEGMENTS

**CAUSE:** Excessive cutting pressure causing overheating. This is easily recognisable from the blue colouring where the segments and the steel core are welded together  
**SOLUTION:** Allow the diamond blade to cool regularly by rotating the blade away from the workpiece for a few seconds

**CAUSE:** The segments are too hard for the material  
**SOLUTION:** Check if the diamond blade is suitable for the material. Alternatively use less cutting pressure and let the blade do the work

# MAX OPERATING SPEED

DIA (mm)	MAX m/s	MAX RPM
100	80	15300
115	80	13300
125	80	12250
150	80	10200
180	80	8500
200	80	7650
230	80	6650
250	100	7650
300	100	6400
350	100	5500

### Never exceed the maximum operating speeds:

- Hand held blades  $\varnothing < 230\text{mm}$ : 80m/s
- Hand held blades  $\varnothing > 230\text{mm}$ : 100m/s
- Others: 63m/s



DIAMOND  
BLADES

**flexovit**

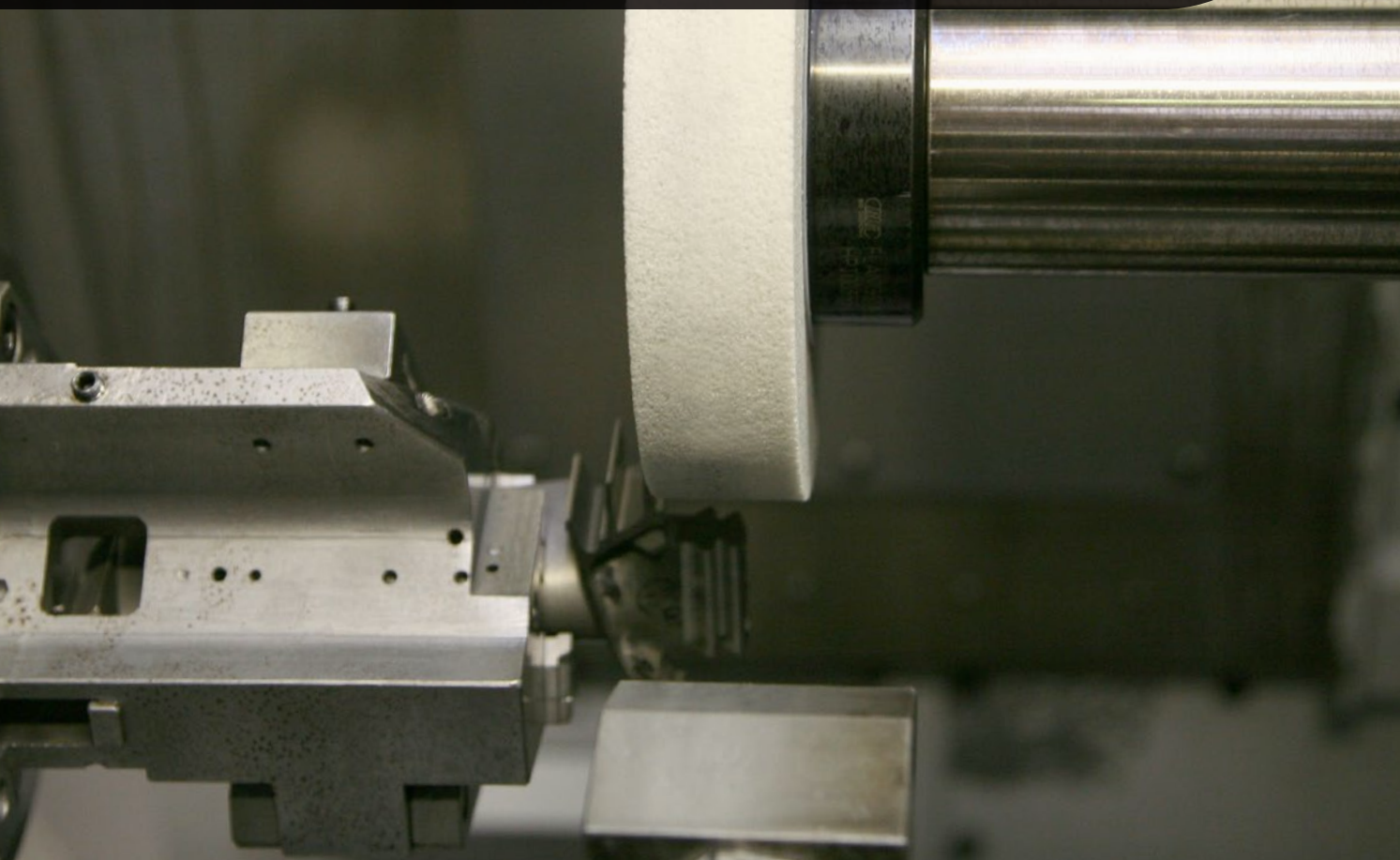
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# BONDED ABRASIVES

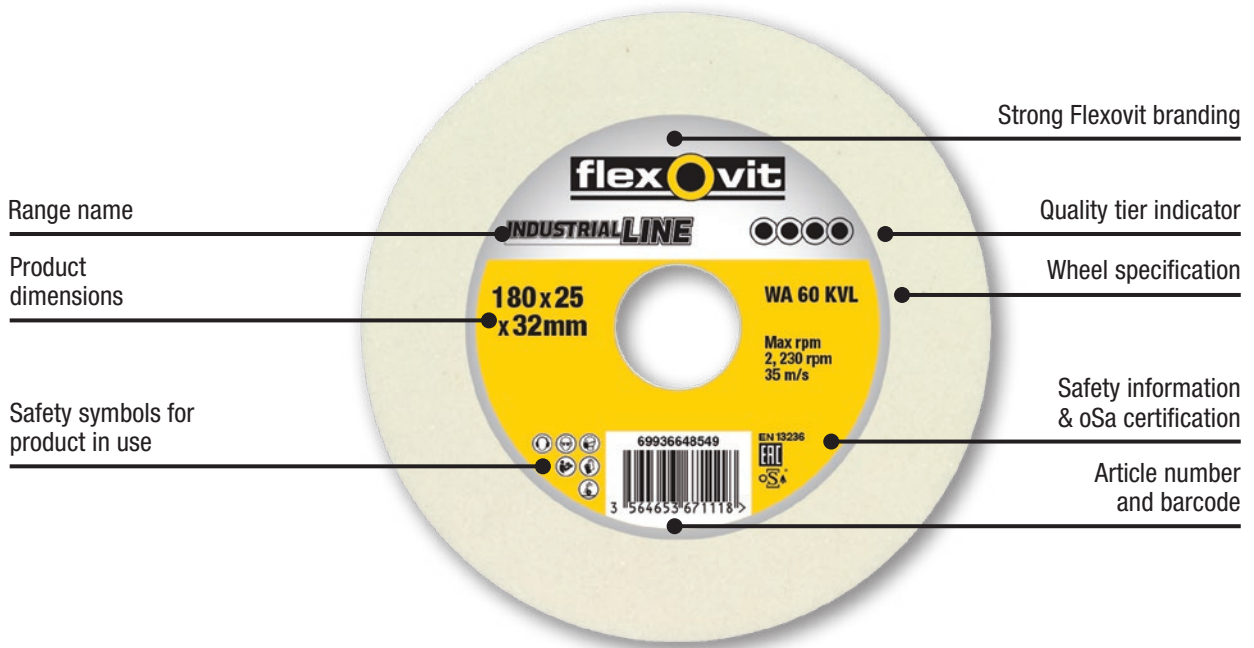
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FOR INDUSTRIAL APPLICATIONS



# UNDERSTANDING THE PRODUCT

## TECHNICAL INFORMATION



## STANDARD GRINDING WHEEL AND PERIPHERY SHAPES

Type 01 straight wheels	Type 02 cylinder wheels	Type 05 recessed one side wheels	Type 06 straight cup wheels (rim and back)	Type 07 double recessed wheels	Type 11 taper cup wheels
Type 12 dish wheels	Type 31 segments	Type 35 & 36 discs	Type 41 cut-off wheels	Type 42 raised hub wheel	

## PLASTIC REDUCTION BUSH AVAILABILITY

The following plastic reduction bushes are available on request.

SPECIFICATION (mm)	PK QTY	ART NO.	PRICE	SPECIFICATION (mm)	PK QTY	ART NO.	PRICE
20 x 10	1	7660717524	###,##	20 x 17	1	7660717531	###,##
20 x 12	1	7660717525	###,##	20 x 18	1	7660717532	###,##
20 x 12,7	1	7660717526	###,##	25 x 20	1	7660717535	###,##
20 x 13	1	7660717527	###,##	32 x 15,88	1	7660717536	###,##
20 x 14	1	7660717528	###,##	32 x 20	1	7660717538	###,##
20 x 15	1	7660717529	###,##	32 x 25	1	7660717540	###,##
20 x 16	1	7660717530	###,##	32 x 25,4	1	7660717541	###,##



# BONDED ABRASIVE

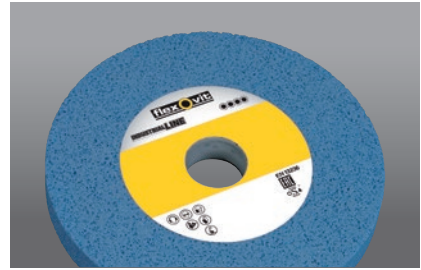
## WHEEL SPECIFICATIONS



### 73A



A ceramic form of aluminium oxide that is harder and sharper than conventional abrasive grain. The microcrystalline structure of the grain allows individual particles to break away as they become dull, producing a very free grinding action that increases the number of parts ground between dressings by up to 70%. A high concentration blended with premium abrasives. Used for grinding hard abrasive resistant steels and operations where high stock removal rates are required.



### C, GC



Silicon carbide is hard and brittle for grinding low tensile grey iron, chilled iron, cast iron, soft bronze, copper, aluminium, stone, marble, rubber, hard facing alloys, and cemented carbides. There are two varieties of silicon carbide; black silicon carbide, is generally used for roughing operations in coarse grit and resinoid wheels. Light green, is preferred for specific applications such as precision and carbide tool grinding.



### A



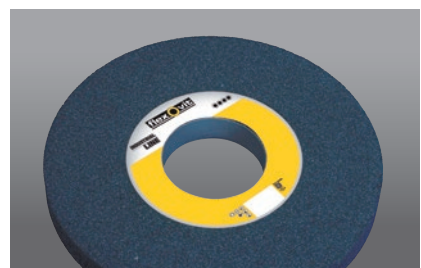
This is a particularly tough form of aluminium oxide due to the presence of 3% of titanium oxide in the abrasive. Fired at low temperature the abrasive retains its natural brown colour. Fired at high temperature further oxidation of the titanium oxide takes place which changes the normal brown colour to a grey-blue. Because of its toughness, regular brown alumina is suitable for grinding high tensile strength materials, specifically off-hand grinding (bench grinding wheels) and sharpening stones.



### 48A



Semi-friable alumina, purity falls part way between conventional regular brown alumina and white alumina. The resulting combination of friability and toughness gives wheels using semi-friable alumina their free cutting characteristics. This, combined with good form holding and a high degree of versatility, makes semi-friable alumina is widely used for cylindrical, centreless, crankshaft and angle head grinding operations.



### WA



White alumina is a highly refined form of aluminium oxide containing over 99% pure alumina. The grain structure is made up of several crystals that breakdown along the shear planes as the grinding pressure increases. This gives wheels containing white alumina friability. Used mainly for the grinding of very hard or heat sensitive materials.





# WHEELS FOR PRECISION GRINDING

SHAPE 01 SHAPE 05 SHAPE 07

## PRODUCT RECOMMENDATION

Highly recommended ●  
Recommended ○

Tools  
Saw sharpening  
Bench wheels  
High alloyed steels & HSS  
Soft steels  
Inox  
Non-Ferrous & carbide  
Cast iron

Abrasive Type  
Grit size  
Specification

## GRAIN COLOUR CODE

WA 48A VL 48A VM A VM  
C GC 73A

DIA (mm)	SHAPE	RECESS	DEBURRING & SHARPENING	MATERIALS	SPECIFICATION	MOS (m/s)	QTY	ART. NO.	PRICE	QUALITY TIER
90 x 40 x 22,23	1		○ ○	○ ○	■ C 16 RVK 35	1	66243548878	###,##	●●●●	
150 x 6 x 32	1		○	● ○	■ WA 80 KVL 35	1	69936648525	###,##	●●●●	
150 x 20 x 32	1		○ ○	○ ○	■ GC 60 JVK 35	1	69936676914	###,##	●●●●	
	1		○ ○	○ ○	■ GC 80 JVK 35	1	69936676915	###,##	●●●●	
	1		○ ○	○ ○	■ GC 120 JVK 35	1	69936676917	###,##	●●●●	
	1			○ ○	■ A 36 MVM 35	1	69936676891	###,##	●●●	
	1			○ ○	■ A 46 MVM 35	1	69936676892	###,##	●●●	
	1			○ ○	■ A 60 MVM 35	1	66243578437	###,##	●●●	
	1		○	● ○	■ WA 80 KVL 35	1	69936648540	###,##	●●●●	
	150 x 25 x 32	1		○ ○	○ ○	■ GC 80 KVK 35	1	69936648843	###,##	●●●●
1				○ ○	■ A 60 MVM 35	1	66243578527	###,##	●●●	
1			○	● ○	■ WA 60 KVL 35	1	69936648543	###,##	●●●●	
1			○	● ○	■ WA 80 KVL 35	1	66243578530	###,##	●●●●	
150 x 40 x 15	5	EU 70 x 20	○	● ○	■ WA 100 JVL 35	1	66243538686	###,##	●●●●	
150 x 40 x 32	5	EU 80 x 20	○	● ○	■ WA 80 KVL 33	1	66243538695	###,##	●●●●	
180 x 25 x 32	1		○	● ○	■ WA 60 KVL 35	1	69936648549	###,##	●●●●	
200 x 20 x 32	1		○ ○	○ ○	■ GC 80 JVL 35	1	66243578534	###,##	●●●●	
	1		○ ○	○ ○	■ GC 120 JVK 35	1	69936696265	###,##	●●●●	
	1			○ ○	■ A 60 MVM 35	1	66243578536	###,##	●●●	
200 x 25 x 20	1		○ ○	○ ○	■ GC 80 JVK 35	1	66243545525	###,##	●●●●	
	1			○ ○	■ A 36 MVM 35	1	66243545527	###,##	●●●	
	1			○ ○	■ A 46 MVM 35	1	66243545524	###,##	●●●	
	1		○	● ○	■ WA 60 KVL 35	1	66243545528	###,##	●●●●	

**PRODUCT RECOMMENDATION**

Highly recommended ●  
Recommended ○

**GRAIN COLOUR CODE**

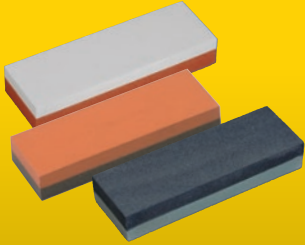
WA 48A VL 48A VM A VM C GC 73A

DIA (mm)	SHAPE	RECESS	DEBURRING & SHARPENING		MATERIALS					SPECIFICATION		MOS (m/s)	QTY	ART. NO.	PRICE	QUALITY TIER		
			Tools	Saw sharpening	Bench wheels	High alloyed steels & HSS	Soft steels	Inox	Non-Ferrous & carbide	Cast iron	Abrasive Type						Grit size	Specification
200 x 25 x 32	1		○	○			○	○			GC	60	JVK	35	1	69936676919	###,##	○○○○○
	1		○	○			○	○			GC	80	JVK	35	1	69936676920	###,##	○○○○○
	1		○	○			○	○			GC	120	JVL	35	1	66243578537	###,##	○○○○○
	1			○		○					A	30	OVM	35	1	69936648672	###,##	○○○
	1			○		○					A	60	KVM	35	1	69936648563	###,##	○○○
	1			○		●	○				WA	60	IVL	35	1	69936661169	###,##	○○○○○
	1			○		●	○				WA	60	MVL	35	1	69936676912	###,##	○○○○○
200 x 25 x 50,8	1		○		●	○					WA	60	KVL	35	1	66243528422	###,##	○○○○○
200 x 32 x 32	1		○	○			○	○			GC	80	JVK	35	1	66243578551	###,##	○○○○○
	1			○		○					A	36	MVM	35	1	66243578555	###,##	○○○
	1			○		○					A	60	MVM	35	1	66243578554	###,##	○○○
	1		○		●	○					WA	60	KVL	35	1	69936648569	###,##	○○○○○
	1		○		●	○					WA	80	KVL	35	1	66243578552	###,##	○○○○○
250 x 13 x 76,2	1		○		●	○					WA	60	KVL	35	1	66243548451	###,##	○○○○○
250 x 25 x 50,8	1		○		●	○					WA	60	KVL	35	1	66243528405	###,##	○○○○○
250 x 25 x 76,2	1		○		●	○					WA	80	KVL	35	1	66243578708	###,##	○○○○○
250 x 32 x 32	1		○	○			○	○			GC	80	KVK	35	1	69936648648	###,##	○○○○○
	1		○		●	○					WA	60	MVL	35	1	69936648577	###,##	○○○○○
250 x 40 x 76,2	1		○		●	○					WA	46	JVL	35	1	66243578721	###,##	○○○○○
300 x 13 x 127	1		○		●	○					WA	60	KVL	35	1	66243548621	###,##	○○○○○
300 x 25 x 127	1		○	○			○	○			GC	80	JVK	35	1	66243578782	###,##	○○○○○
	1		○		●	○					WA	46	KVL	35	1	66243578783	###,##	○○○○○
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	1		○		●	○					WA	80	KVL	35	1	66243578848	###,##	○○○○○
	1		○		○						48A	60	KVM	35	1	66243548729	###,##	○○○
	1		○		○						48A	60	LVM	35	1	66243548727	###,##	○○○
300 x 40 x 35	1			○		○					A	30	PVM	35	1	66243580201	###,##	○○○
	1			○		○					A	60	MVM	35	1	66243548626	###,##	○○○
300 x 40 x 38,1	1		○	○			○	○			GC	60	JVK	35	1	66243548633	###,##	○○○○○
	1			○		○					A	30	PVM	35	1	66243580204	###,##	○○○
	1			○		○					A	46	MVM	35	1	66243548628	###,##	○○○
	1			○		○					A	60	MVM	35	1	66243548627	###,##	○○○
300 x 40 x 76	1		○		●	○					WA	60	KVL	35	1	66243545522	###,##	○○○○○
300 x 40 x 127	1		○		●	○					WA	60	KVL	35	1	69936648583	###,##	○○○○○
	1		○		○						48A	60	KVM	35	1	66243548740	###,##	○○○
300 x 50 x 76,2	5	EU 190 x 13	○		●	○					WA	60	KVL	35	1	66243548680	###,##	○○○○○
	7	DU 160 x 10	○		○	●					73A	46	GVL	35	1	66243548690	###,##	○○○○○
355 x 40 x 127	7	DU 160 x 10	○		●	○					WA	46	JVL	35	1	66243548689	###,##	○○○○○
	1		○		○						48A	60	KVM	35	1	66243579412	###,##	○○○
355 x 50 x 127	1		○		●	○					WA	46	KVL	35	1	66243579397	###,##	○○○○○
	1		○		●	○					WA	60	KVL	35	1	69936648612	###,##	○○○○○
406 x 25 x 127	1		○		●	○					WA	60	KVL	35	1	66243580218	###,##	○○○○○
406 x 50 x 127	1			○		○					A	24	PVM	50	1	66243545550	###,##	○○○
	1		○		●	○					WA	46	JVL	35	1	66243580243	###,##	○○○○○
	1		○		●	○					WA	60	KVL	35	1	66243580237	###,##	○○○○○

BONDED ABRASIVES



# SHARPENING STONES

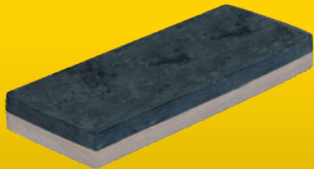


- For all kinds of cutting tools
- Two sides for repairing, sharpening and finishing operations

## COMBIMATE STONES RECTANGULAR



DIA (mm)	SPEC	PK QTY	ART NO.	PRICE
25 x 50 x 150	A 320 / 100	5	66243548440	###,##
25 x 50 x 200	A 320 / 100	5	66243548571	###,##
20 x 50 x 100	EW 280/ER 120 V	1	66243538860	###,##
25 x 50 x 150	EW 280/ER 120 V	1	66243538858	###,##
25 x 50 x 150	CG 320/CD 120 V	1	66243567213	###,##
25 x 50 x 200	CG 320/CD 120 V	1	66243567224	###,##



- Soft natural whetstone
- Natural superfine grit for delicate finishing operations

## HAND STONES NATURAL WHETSTONE



DIA (mm)	PK QTY	ART NO.	PRICE
NR 4 FINE BELGIAN BLOCK	1	7660738917	###,##
NR 5 FINE BELGIAN	1	7660738918	###,##



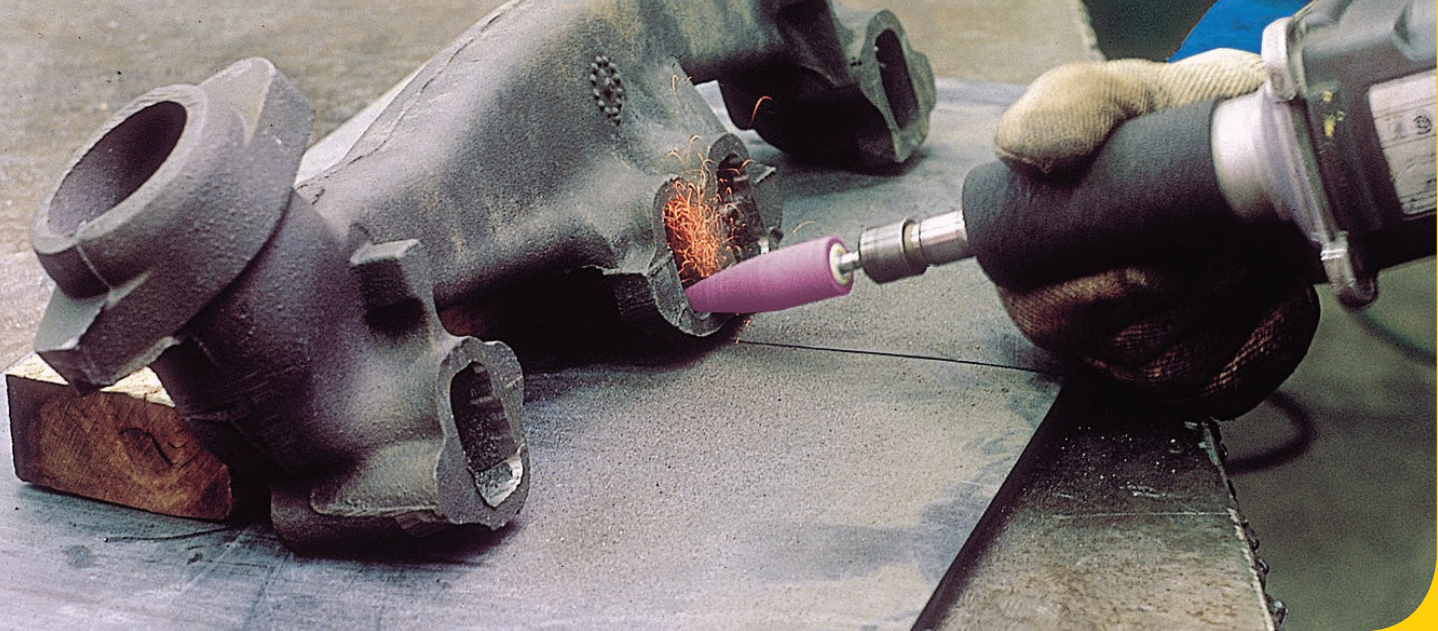
- For smoothing floors and walls
- For industrial, commercial and DIY floors and walls smoothing operations

## HAND STONES

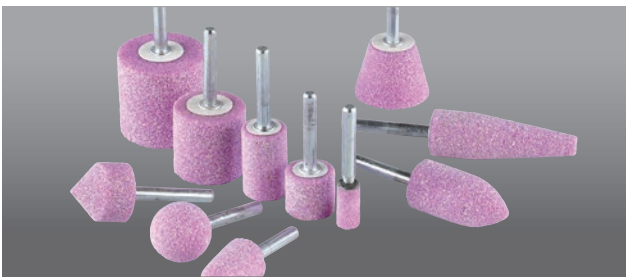


■ SCG	Black silicon carbide
■ CD/SD	Green silicon carbide

DIA (mm)	SPEC	PK QTY	ART NO.	PRICE
50 x 50 x 150	SCG 16/20 KE	1	66243538868	###,##
25 x 50 x 200	SCG 16/20 KE	1	66243538869	###,##
50 x 50 x 200	SCG 16/20 KE	1	66243538870	###,##
25 x 50 x 200	CD 60 PV	1	66243538917	###,##
50 x 50 x 200	CD 60 LV	1	66243567196	###,##
50 x 50 x 200	SD 120 LV	1	66243538876	###,##



# MOUNTED POINTS FOR CLEANING & DEBURRING



**VITRIFIED - 41A**



Highly refined pink aluminum oxide abrasive. Friable grain for good cutting performance. Long lasting profile, reducing the need for dressing. Use on a variety of steels.

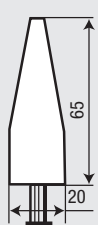


**ORGANIC - A**

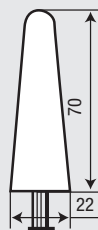


Brown aluminum oxide, tougher than pure white aluminum oxide. Good cutting performance on medium to soft steels. Suitable for carbon steel, HSS and alloyed steel.

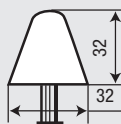
## MOUNTED POINT SHAPES



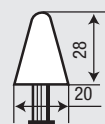
**A1**



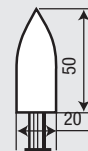
**A3**



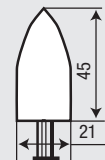
**A4**



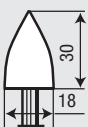
**A5**



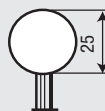
**A8**



**A11**



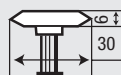
**A12**



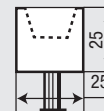
**A25**



**A26**



**A37**



**A38**

# MOUNTED POINTS

FOR CLEANING & DEBURRING

GRAIN COLOUR CODE

■ A

■ 41A

## VITRIFIED MOUNTED POINTS

SHAPE	DIM DxL (mm)	SPINDLE SxL (mm)	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	RPM	QTY	ART. NO.	PRICE	QUALITY TIER	
A1	20 x 65	6 x 40	■	41A	36	P	V	15000	20	66243538967	###,##	●●●●
A3	22 x 70	6 x 40	■	41A	36	P	V	14000	20	66243538971	###,##	●●●●
A4	32 x 32	6 x 40	■	41A	36	P	V	17000	20	66243566869	###,##	●●●●
A5	20 x 28	6 x 40	■	41A	46	P	V	30000	20	66243538968	###,##	●●●●
A8	20 x 50	6 x 40	■	41A	36	P	V	18000	20	66243538966	###,##	●●●●
A11	21 x 45	6 x 40	■	41A	36	P	V	18000	20	66243538969	###,##	●●●●
A26	16	6 x 40	■	41A	46	P	V	54000	20	66243538960	###,##	●●●●
A37	30 x 6	6 x 40	■	41A	60	P	V	30000	20	66243566866	###,##	●●●●
W179	10 x 32	6 x 40	■	41A	60	P	V	25000	20	66243538943	###,##	●●●●
W187	13 x 25	6 x 40	■	41A	60	P	V	30000	20	66243538957	###,##	●●●●
SPEC.	16 x 32	6 x 40	■	41A	46	P	V	25000	20	66243538894	###,##	●●●●
W205	20 x 25	6 x 40	■	41A	46	P	V	32000	20	66243538896	###,##	●●●●
W206	20 x 32	6 x 40	■	41A	46	P	V	30000	20	66243538497	###,##	●●●●
W207	20 x 40	6 x 40	■	41A	46	P	V	24000	20	66243538898	###,##	●●●●
W228	32 x 20	6 x 40	■	41A	36	P	V	24000	20	66243538901	###,##	●●●●
W238	40 x 40	6 x 40	■	41A	36	P	V	12000	20	66243538510	###,##	●●●●

## ORGANIC MOUNTED POINTS

SHAPE	DIM DxL (mm)	SPINDLE SxL (mm)	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	RPM	QTY	ART. NO.	PRICE	QUALITY TIER	
W177	10 x 20	6 x 40	■	A	30	R	B	82200	25	7660738812	###,##	●●●
W179	10 x 30	6 x 40	■	A	30	R	B	56900	25	7660738814	###,##	●●●
	10 x 40	6 x 40	■	A	30	R	B	47500	25	7660738816	###,##	●●●
	15 x 20	6 x 40	■	A	30	R	B	58500	25	7660738819	###,##	●●●
	15 x 30	6 x 40	■	A	30	R	B	39600	25	7660738820	###,##	●●●
	20 x 20	6 x 40	■	A	30	R	B	44800	25	7660738827	###,##	●●●
W204	20 x 30	6 x 40	■	A	30	R	B	30000	25	7660738831	###,##	●●●
	20 x 40	6 x 40	■	A	30	R	B	24200	25	7660738840	###,##	●●●
W220	25 x 25	6 x 40	■	A	30	R	B	30100	25	66243450527	###,##	●●●
	25 x 30	6 x 40	■	A	30	R	B	24200	25	7660738849	###,##	●●●
	30 x 30	6 x 40	■	A	30	R	B	20100	25	7660738859	###,##	●●●
	40 x 30	6 x 40	■	A	30	R	B	15200	25	7660738879	###,##	●●●
W238	40 x 40	6 x 40	■	A	30	R	B	12200	25	7660738881	###,##	●●●
W242	50 x 25	6 x 40	■	A	30	R	B	15200	25	66243472934	###,##	●●●
W220	25 x 25	6 x 40	■	A	36	Q	B	25500	50	66243567292	###,##	●●●
W230	32 x 32	6 x 40	■	A	36	Q	B	24000	50	66243567296	###,##	●●●
W177	10 x 20	6 x 40	■	A	46	Q	B	82200	50	7660738813	###,##	●●●
W179	10 x 30	6 x 40	■	A	46	Q	B	56900	50	7660738815	###,##	●●●
	15 x 30	6 x 40	■	A	46	Q	B	39600	50	7660738821	###,##	●●●
W196	16 x 25	6 x 40	■	A	46	Q	B	46200	50	7660739543	###,##	●●●
W204	20 x 20	6 x 40	■	A	46	Q	B	44800	50	7660738825	###,##	●●●
W205	20 x 25	6 x 40	■	A	46	Q	B	37400	50	7660739538	###,##	●●●
W207	20 x 40	6 x 40	■	A	46	Q	B	24200	50	7660738838	###,##	●●●
W220	25 x 25	6 x 40	■	A	46	Q	B	30100	50	7660738844	###,##	●●●
W221	25 x 40	6 x 40	■	A	46	Q	B	19400	50	7660739106	###,##	●●●
	30 x 20	6 x 40	■	A	46	Q	B	30200	50	7660738858	###,##	●●●
W230	32 x 32	6 x 40	■	A	46	Q	B	19800	50	7660739148	###,##	●●●
W236	40 x 13	6 x 40	■	A	46	Q	B	23800	50	7660739149	###,##	●●●
W242	50 x 25	6 x 40	■	A	46	Q	B	15200	50	7660738882	###,##	●●●



# PLAIN WHEELS & CUPS

## FOR FOUNDRY



### GRAIN COLOUR CODE



### PLAIN WHEELS

SHAPE	DIM DxTxB (mm)	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	MOS (m/s)	QTY	ART. NO.	PRICE	QUALITY TIER
01	51 x 16 x 10	A	30	T	B	50	100	66243450432	###,##	●●●
	65 x 13 x 10	A	24	R	BF	50	100	66243471152	###,##	●●●

### STRAIGHT CUPS

SHAPE	DIM DxTxB (mm)	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	MOS (m/s)	QTY	ART. NO.	PRICE	QUALITY TIER
06	100 x 50 x 20 Rim 10 - Back 10	WA	120	J	VL	32	2	66243548829	###,##	●●●

### TAPER CUPS

SHAPE	DIM DxTxTh (mm)	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	MOS (m/s)	QTY	ART. NO.	PRICE	QUALITY TIER
11	100/80 x 50 x M14 Rim 20 - Back 20	A	30	N	B	50	18	7660738783	###,##	●●●
	100/80 x 50 x M14 Rim 20 - Back 20	A	36	P	B	50	18	66243566925	###,##	●●●
	125/100 x 50 x M14 Rim 25 - Back 20	A	36	P	B	50	10	66243538823	###,##	●●●
	125/100 x 50 x M14 Rim 25 - Back 20	C	20	P	B	50	10	66243538887	###,##	●●●
	150/120 x 50 x 5/8UNC Rim 40 - Back 20	A	16	R	B	50	8	66243567061	###,##	●●●
	150/120 x 50 x 5/8UNC Rim 40 - Back 20	A	36	P	B	50	8	66243567012	###,##	●●●
	110 x 95 x M14*	C	20	N	B5	50	1	66243538707	###,##	●●●

\* For stone applications only



# ORGANIC CUT-OFF WHEELS


## FOR FIXED BASE MACHINES

GRAIN COLOUR CODE

 A


### PLAIN WHEELS



SHAPE	DIM DxDxB (mm)	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	MOS (m/s)	QTY	ART. NO.	PRICE	QUALITY TIER
41	508 x 5,4 x 25,4	 A	24	Q	R	100	10	66243450474	###,##	●●●

### DEPRESSED CENTRE WHEELS



SHAPE	DIM DxDxB (mm)	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	MOS (m/s)	QTY	ART. NO.	PRICE	QUALITY TIER
42	508 x 5,5 x 76,2	 A	24	S	BD4	100	8	66243450461	###,##	●●●



# POLISHING PRODUCTS

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Polishing Products **194**

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Polishing Compounds **195**

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FOR INDUSTRIAL APPLICATIONS





# POLISHING PRODUCTS

## FOR MACHINE & HAND APPLICATIONS



- For polishing all materials with or without polishing compounds

### CLOTH POLISHING MOPS

DIM DxWxA (mm)	SPEC (mm)	PK QTY	ART NO.	PRICE
150 x 20,0 x 10,0	2x Stitched	25	7660739030	###,##
200 x 20,0 x 10,0	2x Stitched	25	7660739008	###,##



- Extra solid construction for polishing straight surfaces
- For polishing all materials with or without polishing compounds

### MULTIPLE STITCHED CLOTH POLISHING MOPS

DIM DxWxA (mm)	SPEC (mm)	PK QTY	ART NO.	PRICE
75 x 20,0 x 10,0	Multiple stitched	1	7660738997	###,##
100 x 20,0 x 10,0	Multiple stitched	1	7660738999	###,##
125 x 20,0 x 10,0	Multiple stitched	1	7660739002	###,##
150 x 20,0 x 10,0	Multiple stitched	1	7660739005	###,##
175 x 20,0 x 10,0	Multiple stitched	1	7660739007	###,##
200 x 20,0 x 10,0	Multiple stitched	1	7660739009	###,##
250 x 20,0 x 10,0	Multiple stitched	1	7660739011	###,##
300 x 20,0 x 10,0	Multiple stitched	1	7660739014	###,##



- For polishing straight surfaces
- Harder than multiple stitched buffing wheels

### FELT WHEEL

DIM DxWxA (mm)	SPEC (mm)	PK QTY	ART NO.	PRICE
125 x 20,0 x 6,0	Felt wheel	1	7660739029	###,##
150 x 20,0 x 6,0	Felt wheel	1	7660739031	###,##
175 x 20,0 x 6,0	Felt wheel	1	7660739032	###,##
200 x 25,0 x 6,0	Felt wheel	1	7660739033	###,##

## STEEL WOOL IN BOX

WEIGHT	SPEC (mm)	PK QTY	ART NO.	PRICE
175 gr	Coarse	1	7660739053	###,##
	Medium	1	7660739054	###,##
	Fine	1	7660739055	###,##
	Extra fine	1	7660739056	###,##



- For surface preparation and fine finishing of various materials

## POLISHING COMPOUNDS

### INDUSTRIAL POLISHING BLOCK

COLOUR	APPLICATION	PK QTY	ART NO.	PRICE
Brown	Cleaning very dirty material	1	7660739107	###,##
Green	High gloss finish	1	7660739108	###,##
White	Polishing stainless steel and aluminium	1	7660739109	###,##
Pink	Polishing copper	1	7660739111	###,##
Blue	Polishing brass	1	7660739112	###,##



- Solid polishing compounds prevent the material from loading
- Supports cool cutting

### POLISHING CREAM IN TUBE

COLOUR	APPLICATION	PK QTY	ART NO.	PRICE
White	Polishing stainless steel & aluminium	1	7660739116	###,##



- Supports cool cutting

### POLISHING COMPOUND, OIL BASED

WEIGHT	GRIT	PK QTY	ART NO.	PRICE
500 gr	100	1	7660739125	###,##
	150	1	7660739126	###,##
	250	1	7660739127	###,##
	320	1	7660739128	###,##



- General purpose for polishing / cleaning all metals

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# INDUSTRIAL PERFORMANCE ABRASIVES

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