

# flexovit

## 2024 CATALOGUE

Cutting Discs & Grinding Wheels

Coated Abrasives

Diamond Blades

Carbide Burrs & Wire Brushes

Bonded Abrasives

Polishing Products



TERÄSKENTTORI

**INDUSTRIAL PERFORMANCE ABRASIVES**



Flexovit offers a complete collection of high performance coated abrasives, cutting discs and grinding wheels, bonded abrasives and 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 and clean-up are vital in maintaining quality parts; Flexovit offers performance solutions for every application.



### AEROSPACE

Increase production and reduce costs 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 ferries, ships, and warships, and the maintenance and repair of small and large vessels.



### BOILERS & PIPING

High-performance abrasives for the construction and 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 and yachts.



### BUILDING & HARDWARE

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



# A STRONG BRAND HERITAGE

## CLEAR PRODUCT DIFFERENTIATION

Bold design with clear communication makes 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 clearly distinguished sub-brands.



### BEST

MAXX3 and Mega-Line are the ultimate high-performance industrial products for excellent results in very demanding applications.



### BETTER

'Industrial Line' provides professional quality for challenging applications.



### GOOD

Cost-effective product solutions with a standard performance level for general applications.



## SUPPORTING SUSTAINABILITY IN THE ABRASIVES INDUSTRY

Saint-Gobain is proud to be an active member of SEAM - Sustainable European Abrasive Manufacturers. An initiative from FEPA, the SEAM program guarantees that member organisations from within the abrasive supply chain manufacture and distribute products according to new standards, to support sustainable growth in production and distribution.



Sustainable European Abrasive Manufacturers

The aim is to balance environmental efficiency, production performance and labour safety by meeting a series of requirements related to three pillars: environment, labour and economy.

Saint-Gobain Abrasives is committed to preserving the environment and resources, reducing inequalities and improving daily life for all. It's more than an expectation, making a positive contribution has become a requirement for all our stakeholders. We all have a part to play in ensuring our processes, products and the health and safety of our employees is maintained and allows our industry to operate sustainably now and in the future.

For more information visit [www.flexovit.com](http://www.flexovit.com)

# SUPPORTING SUSTAINABILITY IN THE ABRASIVES INDUSTRY

Mitigating climate change means decarbonising our economies, and here at Saint-Gobain, the goal is simple: by 2050, we must not emit any more carbon than we absorb. We must be carbon neutral, we must preserve our planet's assets, such as water and rare earth, and we must limit the waste that we generate.

This commitment is rooted in a history of reducing our environmental impact and it is inseparable from our ambition to provide our customers with solutions to decarbonise and reduce their own environmental footprint. Our net-zero ambition is also a concrete expression of our purpose -making the world a better home!

SUSTAINABILITY IS AT THE CORE OF WHAT WE DO, WE HAVE CLEAR COMMITMENTS **BUILT AROUND FIVE PILLARS:**

## SUSTAINABILITY AS A DRIVER FOR GROWTH



- Decarbonisation of our customers' applications
- By 2030, 100% of products covered by Environmental Product Declaration / Life Cycle Assessment (ISO 14040)
- Circular economy, recycling services, eco-innovation

## LIMIT OUR ENVIRONMENTAL IMPACT



- By 2030, reduce energy consumption and CO<sub>2</sub> emissions by -33% (Scope 1 and 2)
- -50% water withdrawal and reuse by 2030
- Reduction of waste to landfill, and reuse and recycle
- Increased biodiversity and reduced pollution
- -80% of non-valorised residues by 2030

## TAKE ACTIONS ACROSS THE SUPPLY CHAIN



- Reduction of -16% CO<sub>2</sub> value chain emissions by 2030 (Scope 3)
- Decarbonising our transportation
- 100% of packaging recyclable, >30% of recycled or bio-sourced packaging content by 2030

## SOLUTIONS WITH END-USERS' SAFETY, HEALTH, COMFORT AND WELLBEING AT HEART



- Customer centricity on safety, health, comfort and wellbeing
- Surface solutions to reduce vibration, noise, dust, and VOC
- Greener solutions that respect the planet and the people
- 100% REACH compliant

## ENCOURAGE EMPLOYEE ENGAGEMENT



- Awareness and education programs
- Ambassador networks and employee ideation

To understand more and to see practical examples of the steps that we've taken and targets that we work to, for each of these five pillars, please ask your sales representative.

# 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.
Display: 2300 x 1030 x 500	1	410101315

INDIVIDUAL COMPONENTS	QTY	ART NO.
Header: with light	1	MTO
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.
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 & GRINDING	
CUTTING & GRINDING	
MATERIAL REMOVAL	
SURFACE PREPARATION & FINISHING	





# ONE BOND

SAINT-GOBAIN

Transforming  
surfaces  
...and beyond

**DISCOVER OUR  
NEW RANGE!**

SAINT-GOBAIN SURFACE SOLUTIONS

# ADHESIVES AND SEALANTS FOR MAINTENANCE AND REPAIR OPERATIONS



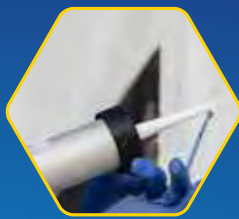
**FOR BONDS THAT LAST.**

  
SAINT-GOBAIN



### SILICONE SEALANTS

Acetoxy silicones for sanitary sealing in bathrooms and kitchens, and neutral silicones for exterior applications with very low VOC emissions.



### ACRYLIC SEALANTS

Acrylic sealants for interior use, and weather-resistant acrylic grade for exterior applications with very low VOC emissions.



### MS HYBRID SEALANTS

Multi-purpose and multi-material sealants and adhesives with very low VOC emissions.



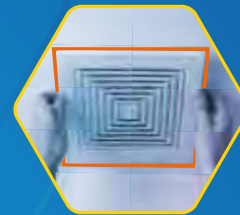
### POLYURETHANE SEALANTS

Strong, hard-wearing, durable sealant for demanding operational conditions.



### INSTANT BONDS

Fast, strong, easy to use multi-surface adhesives for smart repair.



### GAP FILLERS

Strong, hard-wearing, durable epoxies and 2K CAs for demanding operational conditions.



### THREAD LOCKERS & THREAD SEALANTS

Locks and seals bolts, studs, nuts, and screws, preventing unscrewing due to stress and vibration.



### CHEMICALS & ACCESSORIES

Perfect complement of the OneBond range. A comprehensive portfolio that addresses our customers' needs and offers a competitive edge.



### TAPES

From precise masking to versatile double-sided adhesion and reliable strength for any task, our range of masking, double-sided, and duct-tapes is the ultimate solution for all market needs.



[onebondadhesives.com](http://onebondadhesives.com)



Onebond.UK



Onebond.UK



OneBond



**flexovit**

**DISCOVER MORE FROM  
OUR EXPERTS AT:**

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







# FLEXOVIT SOLUTIONS

FOR RIGHT ANGLE GRINDERS IN THE METAL FABRICATION MARKET

1



## CUTTING

Cutting discs to cut a range of materials

2



## HEAVY-DUTY GRINDING

Grinding disc to remove welds and burrs.

3



## STOCK REMOVAL

Flap discs remove heavy weld seams and excess material. Long product life.

Fibre discs remove excess material from flat and contoured surfaces.

4



## BLENDING & REFINING

Impart a uniform finish.

5



## DEBURRING

Remove burrs, radiusing and break sharp edges.

6



## SURFACE PREP & CLEANING

Remove dirt, rust or corrosion and prepare the surface prior to coating or welding.

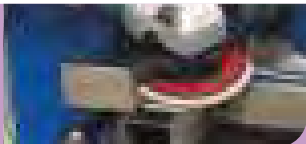
7



## FINISHING

Reduce surface roughness, apply a cosmetic finish, and prepare surfaces for polishing.

8



## POLISHING

Final step to provide a high gloss finish.

# CUTTING DISCS & GRINDING WHEELS

FOR INDUSTRIAL APPLICATIONS

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# PRODUCT INNOVATION

## GRINDING, BUT NOT AS YOU KNOW IT



### LIGHT COMFORT GRINDING 3.0mm WHEELS

Flexovit Light Comfort Grinding (LCG) wheels are 3.0mm thick and bring three clear benefits: they're faster, smoother and more precise than their traditional 7mm counterparts in light grinding applications.

**INTERESTED?**  
SEE HOW LCG CAN BENEFIT YOUR CUSTOMERS AND CONTACT YOUR LOCAL FLEXOVIT REPRESENTATIVE TODAY.

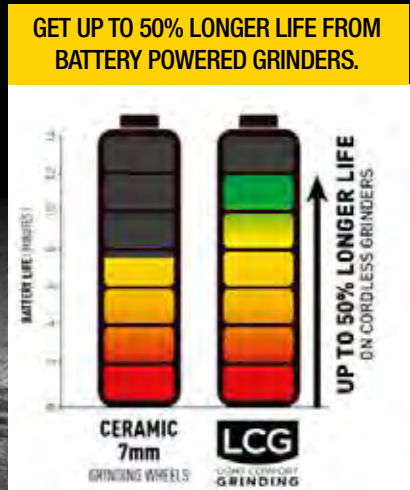


RETHINK EVERYTHING YOU KNOW ABOUT GRINDING WHEELS AND FEEL THE DIFFERENCE IN LIGHT GRINDING APPLICATIONS

**MAXX3**  
MAXXimum comfort and performance

**FLEXOVIT LCG**  
Cost-effective solution

- 1 FASTER**  
A light touch of the metal with the LCG wheel and material is removed in an instant, the wheel works with ease.
- 2 SMOOTHER**  
It's more comfortable to use than a traditional grinding wheel. Less vibrations are felt through the angle grinder.
- 3 MORE PRECISE**  
At 3mm thick, the wheel is perfect where precision is needed. Makes light work of grinding in tight spaces, t-sections, corners and curves.





# 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:**  
 V04/2025 indicates production in the 2nd quarter of 2022 and advised usage before the 2nd quarter of 2025

## 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. Perfex is your basic range of a limited number of cutting and grinding discs.



**MAXX3** ○○○○○  
 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.

**MEGA-LINE** ○○○○  
 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.

**INDUSTRIAL LINE** ○○○○  
 Flexovit Industrial Line offers a great balance between speed, life and cost on many different metals in all cutting and grinding applications.

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

**PERFLEX** ○○○  
 Flexovit Perfex range offers a good level of performance and a consistent cut quality throughout product life.

# 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	Cordless 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



Highly recommended ●  
Recommended ◐

MATERIALS	NQ 30 S MAXX3 LCG	FLEXOVIT LCG	NQ 24 R MAXX3 COMBO	NQ 24 P MAXX3	NQ 24 N MAXX3	ZA 24 Q MEGA-LINE MAXX	A 30 W MEGA-LINE	A 30 Q MEGA-LINE
	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
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



MATERIALS	NQ 60 Y MAXX3	NQ 60 ZZ MAXX3	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
	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
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 30 P MEGA-LINE	ALL IN 1 WHEEL	ZA 24 Q IND. LINE ZIRCONIA	A 24 V IND. LINE LONG LIFE	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
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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	NEW PERFLEX
●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
○	○	●	○		○	○					●	●
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# CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

### GRINDING – BF 27

#### CERAMIC TECHNOLOGY

**WE'VE REINVENTED THE WHEEL**  
**LIGHT COMFORT GRINDING**



### FLEXOVIT MAXX3 GRINDING, BUT NOT AS YOU KNOW IT

- **MAXX OPERATOR COMFORT**  
Reduced hand fatigue from less cutting vibration
- **MAXX METAL REMOVAL**  
Sharper wheel for faster cutting action, reduced pressure and less grinding time
- **MAXX WHEEL LIFE**  
Less downtime and waste, using fewer wheels



DEVELOPED FOR YOUR BATTERY POWERED MACHINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
115	3.0 x 22.23	NQ 30 S-BF27	10	66252846612
125	3.0 x 22.23	NQ 30 S-BF27	10	66252846613



CORDLESS COMPATIBLE



# FLEXOVIT LCG

COST-EFFECTIVE SOLUTION FOR FASTER, SMOOTHER AND MORE PRECISE GRINDING



## FLEXOVIT LCG

- Aluminium oxide disc with only one abrasive layer for less spalling and reduced chipping
- Great price/performance ratio
- Easy access in hard-to-grind areas, corners and inside tight grooves
- Open and prepare welds on the exact right thickness, and prepare and grind them down safely with one disc

**LCG**  
LIGHT COMFORT  
GRINDING

DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
115	3.0 x 22.23	A 24 V-BF27	10	66252849226
125	3.0 x 22.23	A 24 V-BF27	10	66252849227



CORDLESS COMPATIBLE



# CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## HEAVY-DUTY GRINDING

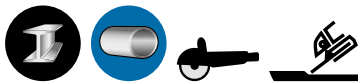
# THE ULTIMATE IN SPEED, LIFE & USER COMFORT



### 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.
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)



## MEGA-LINE



- 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



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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



## MEGA-LINE INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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
230	7.0 x 22.23	A 30 Q-BF27 INOX	10	66252919713

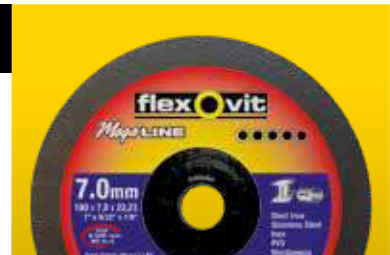


- Sharp aluminium oxide grain removes material quickly during use
- Medium hardness grade provides greater wheel life and less vibrations for more comfortable use

## MEGA-LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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 and chlorine so does not contaminate the workpiece

# CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## CUTTING – BF 41

### CERAMIC TECHNOLOGY

# CUT WITH SPEED & CONFIDENCE

## FLEXOVIT MAXX3

Following in the footsteps of Maxx3 grinding wheels comes the new innovation in cutting: Maxx3 in 1.3mm and 1.6mm thickness. If you want fast cutting speeds 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.
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
	2.5 x 22.23	NQ 24 P-T41	25	66252846122
180	2.5 x 22.23	NQ 24 P-T41	25	66252849116
	2.5 x 22.23	NQ 24 P-T42	25	66252845045
230	2.5 x 22.23	NQ 24 P-T41	25	66252846358

## FIND OUT MORE

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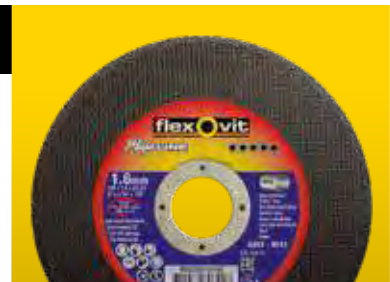


## MEGA-LINE INOX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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](http://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.
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
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.
115	1,0 x 22,23	A 60 W-BF41	25	66252832592
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



- 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.
115	0.8 x 22.23	ZA 60 Y-BF42	25	66252840226
125	0.8 x 22.23	ZA 60 Y-BF42	25	66252840227
180	3.0 x 22.23	A 24 V-BF42 INOX	25	66252919679



- 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.
115	2.5 x 22.23	A 24 V-BF42 INOX	25	66252919154
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	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.
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



**INDUSTRIALLINE**

# 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.
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

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# INDUSTRIAL LINE CUTTING DISCS & GRINDING WHEELS

## FOR ANGLE GRINDERS

### GRINDING – BF 27

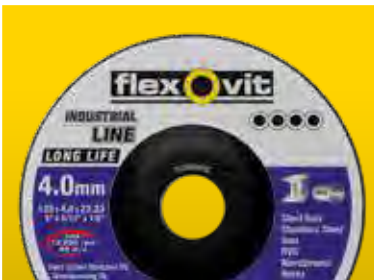


- Sharp zirconia grains remove material fast
- Coarse grain powers through the toughest of metals like cast iron, time after time thanks to long wheel life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE LONG LIFE ZIRCONIA



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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



- 4mm and 4.5mm wheel thickness means use at 90° and 45° for cutting and 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, for even more use from one wheel
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE LONG LIFE COMBO WHEEL



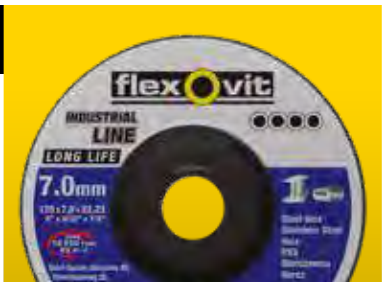
DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
100	4.5 x 16.0	A 24 V-BF27	20	66252829176
125	4.0 x 22.23	A 24 V-BF27	20	66252918945
150	4.5 x 22.23	A 24 V-BF27	20	66252919671
180	4.0 x 22.23	A 24 V-BF27	20	66252829229
230	4.0 x 22.23	A 24 V-BF27	20	66252829256



## INDUSTRIAL LINE LONG LIFE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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

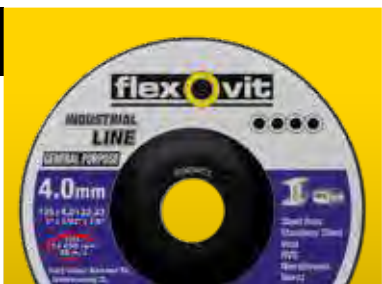


- Coarse aluminium oxide grain grinds easily through steel and inox
- Hard grade wheel lasts longer, helping you get more use from one disc
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## INDUSTRIAL LINE GENERAL PURPOSE COMBO WHEEL



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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

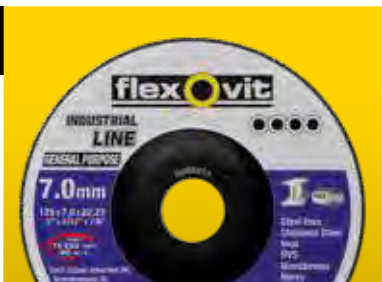


- 4mm and 4.5mm wheel thickness means use at 90° and 45° for cutting and grinding standard and hard to access areas, saving time on wheel changes
- Medium grade hardness makes this wheel ideal for use on a number of metals, making it a great all round disc
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

## INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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

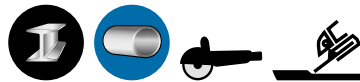
## FOR ANGLE GRINDERS

### 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.
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
230	7.0 x 22.23	A 24 Q-BF27	10	66252919694
	8.0 x 22.23	A 24 Q-BF27	10	66252919726

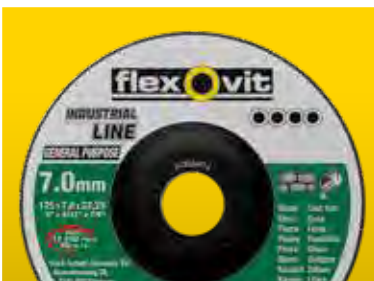


- Unique grain and bond combination for excellent performance on aluminium
- This bond system prevents loading and does not glaze during grinding for longer product life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE ALU



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
100	7.0 x 16.0	A 36 Q-BF27	10	66252918944
125	7.0 x 22.23	A 36 Q-BF27	10	66252833005
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.
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 LONG LIFE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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 stainless steel
- 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.
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 carbon 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 disc ideal for general cutting on all angle grinders
- 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.
100	2.5 x 16.0	A 30 S-BF41	25	66252829280
115	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



- 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.
115	1.0 x 22.23	A 60 Q-BF41	25	66252832590
	1.6 x 22.23	A 46 Q-BF41	25	66252832919
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
230	1.9 x 22.23	A 46 Q-BF41	25	66252832924
	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 optimises cutting performance

### INDUSTRIAL LINE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
115	3.0 x 22.23	C 30 S-BF41	25	66252918959
125	3.0 x 22.23	C 30 S-BF41	25	66252918960
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.
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
230	2.5 x 22.23	A 30 V-BF42 EXTRA	25	66252831194



- Hard grade disc cuts for longer on carbon steel, reducing downtime and cost, by increasing productivity
- 2mm and 2.5mm disc thickness provides extra cutting stability

### INDUSTRIAL LINE LONG LIFE

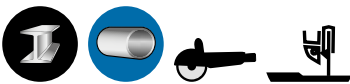


DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
115	2.5 x 22.23	A 24 V-BF42 INOX	25	66252831164
	3.0 x 22.23	A 24 V-BF42 INOX	25	66252831169
125	2.0 x 22.23	A 24 V-BF42 INOX	25	66252919655
	2.5 x 22.23	A 24 V-BF42 INOX	25	66252831174
	3.0 x 22.23	A 24 V-BF42 INOX	25	66252831178
150	2.5 x 22.23	A 24 V-BF42 INOX	25	66252833234
180	2.5 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 disc for long life on stainless steel
- Get more use out of one disc and reduce total abrasive cost
- Coarse aluminium oxide grit cuts fast throughout disc 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.
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 disc 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

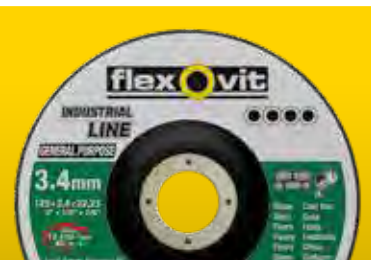


- Unique grain and bond combination for excellent performance on aluminium
- Bond system prevents loading and disc does not glaze during grinding for longer product life
- Free of iron, sulphur and chlorine so does not contaminate the workpiece

### INDUSTRIAL LINE ALU



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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
230	3.0 x 22.23	A 36 Q-BF42	25	66252829416



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

### INDUSTRIAL LINE GENERAL PURPOSE



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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.
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.
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 disc 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.
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.
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
	2.0 x 22.23	A 24/30 S-BF41	25	66252832612
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 cutting performance on steel

### SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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.
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 cutting 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.
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





# SPEEDOFLEX CUTTING DISCS & GRINDING WHEELS

FOR ANGLE GRINDERS

## AFFORDABLE VALUE AND GOOD PERFORMANCE

### NEW FLEXOVIT PERFLEX

Perflex cutting and grinding discs for angle grinders and fixed machines, provide a good level of performance and a consistent quality cut throughout product life. Free from iron, sulphur and chlorine, the disc is suitable for use on hard metals and does not contaminate stainless steel. A limited range for your basic needs.

## GRINDING – BF 27

### FLEXOVIT PERFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
115	6.4x22.23	A30P - BF27	25	66252842416
125	6.4x22.23	A30P - BF27	25	66252842417
180	6.4x22.23	A30P - BF27	25	66252842418
230	6.4x22.23	A30P - BF27	25	66252842419

- Excellent value for money
- Good product life
- General purpose range of grinding discs

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

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



## CUTTING – BF 41

### FLEXOVIT PERFLEX

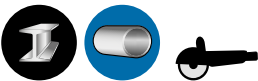


DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
115	1.0x22.23	A60V - BF41	25	66252842398
125	1.0x22.23	A60V - BF41	25	66252842406
	1.6x22.23	A46V - BF41	25	66252842407
230	1.9x22.23	A46V - BF41	25	66252842411



- Excellent value for money
- Good product life
- General purpose range of cutting discs

### FLEXOVIT PERFLEX



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
115	1.0x22.23	A60R - BF41	25	66252844283
	1.6x22.23	A46S - BF41	25	66252844304
125	1.0x22.23	A60R - BF41	25	66252844282
	1.6x22.23	A46S - BF41	25	66252844303
150	1.6x22.23	A46S - BF41	25	66252844302
180	1.6x22.23	A46S - BF41	25	66252844298
230	1.9x22.23	A46S - BF41	25	66252844299



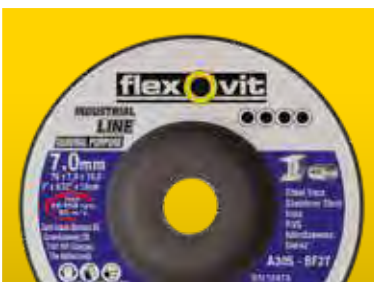
- Excellent value for money
- Good product life
- General purpose range of cutting discs





## 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.
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.
76	2.0 x 10.0	A 30 S-BF41	100	66252950745



- Small cutting disc 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.
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 disc for a stable cut on steel and inox
- Free of iron, sulphur and chlorine so will not contaminate the workpiece





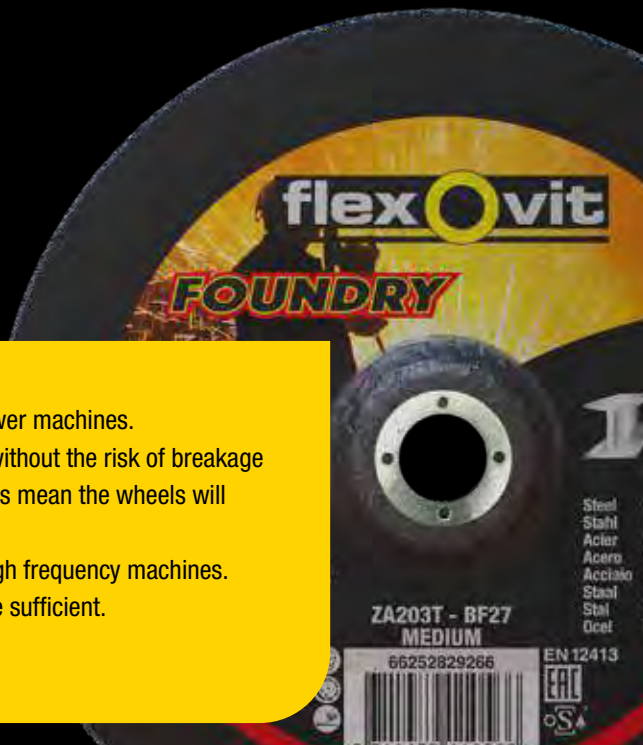
# FOUNDRY

GRINDING – BF 27

**FOUNDRY**

## HIGH POWER DISCS FOR HIGH POWER MACHINES

Flexovit Foundry grinding wheels are optimised 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.



- Foundry wheels with reinforcement outperform standard Flexovit wheels.
- They feature four layers of glass fibre for optimal strength.
- The wheel is designed to withstand extra pressure without the risk of breakage, due to the higher machine frequency, ensuring a consistently high speed.



**HF** OPTIMISED FOR HIGH FREQUENCY ANGLE GRINDERS

DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
230	7.0 x 22.23	ZA 203 T-BF27 HF	10	66252829266

## FOUNDRY ZA 20/3 R



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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.
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

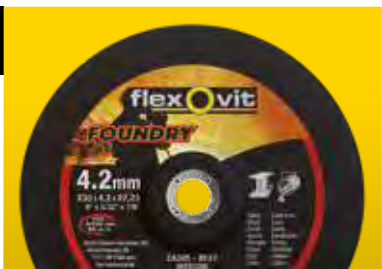


- Hardness: medium
- For stainless steel/inox/modular and grey cast iron
- For high frequency machines with power > 3kW
- Free of iron, sulphur and chlorine, does not contaminate the workpiece

## FOUNDRY ZA 30 S



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
230	4.2 x 22.23	ZA 30 S-BF27	20	66252919708
	4.5 x 22.23	ZA 30 S-BF27	20	66252829252



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

**HF OPTIMISED FOR HIGH FREQUENCY ANGLE GRINDERS**

High frequency machines will not reduce in revolutions when grinding pressure is increased. When using high pressure on standard or non-reinforced discs and machines, the risk of discs breakage is high. Also, under low pressure, non-reinforced discs can show cracks due to fatigue within the abrasive running at high revolutions. High Frequency reinforced grinding discs ensure safe working conditions in all circumstances.



## CUTTING – BF 41 & BF 42



- Hardness: hard
- For nodular and grey cast iron

### FOUNDRY ZA 20/3 T



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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.
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.
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.
230	3.4 x 22.23	ZA 24 R-BF42	25	66252831201

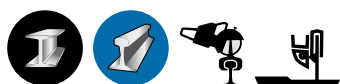
# RAIL

## 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 introduced Flexovit Maxx3 Rail. These discs have been specially developed with ceramic grain for the ultimate cutting performance on tracks, increasing productivity, saving time and reducing cost.

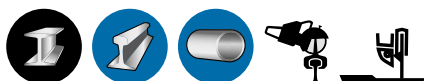


**WORLD'S 1st CERAMIC RAIL DISCS!**

**CERAMIC TECHNOLOGY**

DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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 25.4	NQ 24 Q-T41	10	66252846337

## ZIRCONIA



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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

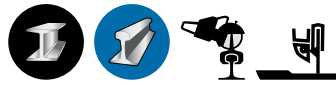


- Zirconia and aluminium oxide grain blend for long life, stable cut and reduced vibration for a more comfortable cutting experience



- 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 Medium

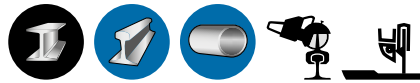


DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
300	3.5 x 22.23	A 24 Q-BF41/80	10	66252920091
356	4.0 x 20.0	A 24 Q-BF41/100	10	66252920149
	4.0 x 22.23	A 24 Q-BF41/100	10	66252921826
	4.0 x 25.4	A 24 Q-BF41/100	10	66252832796
406	4.0 x 25.4	A 24 Q-BF41/100	10	66252832954



- 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 Soft

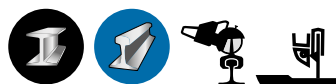


DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
356	4.0 x 25.4	A 24 P-BF41/100	10	66252833233
406	4.0 x 25.4	A 24 P-BF41/100	10	66252920164



- Hardness: hard
- Zirconia and aluminium oxide grain blend for long life, and a stable cut
- 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 Hard



DIA (mm)	TxB (mm)	SPEC	PK QTY	ART NO.
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.
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



- Durable performance on both steel and stainless steel enhances productivity while lowering the 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.
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 25.4	C 30 S-BF41		10	66252918961



- Silicon carbide grain for fast cut through stone and cast iron
- Extended disc lifespan boosts productivity and diminishes the total abrasive cost
- Iron free so will not contaminate the workpiece

# LARGE DIAMETER WHEELS

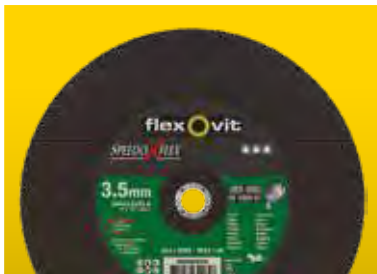


- Good wheel life on steel and inox, increases productivity and reduces overall abrasive cost
- Fast cutting through steel and inox for reduced process time and overall abrasive cost

## SPEEDOFLEX



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.
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



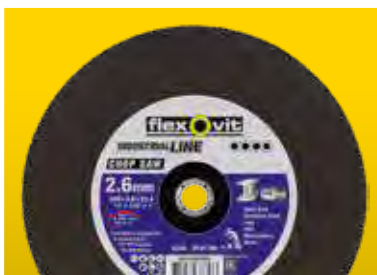
- Silicon carbide grain for fast cut through stone and cast iron
- Good wheel life increases productivity and reduces overall abrasive cost

## SPEEDOFLEX



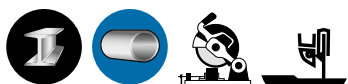
DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.
300	3.5 x 22.23	C 24/30 RS-BF41	80	10	66252833024

## CHOP SAWS – BF 41



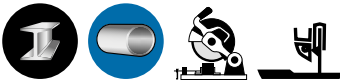
- Good wheel life on steel and inox, increases productivity and reduces overall abrasive cost
- Burn and burr-free cutting maintains workpiece integrity
- Very stable wheel for straight cutting results
- Designed for electric table and fixed machines
- Double reinforcement inside the wheel means it's 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.
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		10	66252918953
	2.6 x 32.0	A 30 S-BF41		10	66252833057
406	3.2 x 25.4	A 30 S-BF41		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.
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 / DEMOLITION



DIA (mm)	TxB (mm)	SPEC	SPEED (m/s)	PK QTY	ART NO.
356	4.0 x 25.4	AC 30 S-BF41	100	10	66252920158
406	4.5 x 25.4	AC 30 S-BF41		10	66252920179



- Combination of aluminium oxide and 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.
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



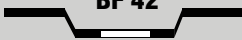


# TECHNICAL INFORMATION









## 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		O	R	U	BF = Bakelite and glass fibre reinforcement
Z = Zirconia Alumina	24	60		P	S	V	
NQ = Ceramic							

## SHAPE SPECIFICATION

BF 27	BF 41	BF 42
		
Depressed centre grinding discs, thickness from 2.2-10mm, Available in diameters 76-230mm for hand-held machines	Flat cutting discs Available in diameters 76-406mm for hand-held machines and 300-406mm for stationery machines	Depressed centre cutting discs.. Available in diameters 76-230mm
<b>APPLICATION: GRINDING</b>	<b>APPLICATION: CUTTING</b>	<b>APPLICATION: CUTTING</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 disc suitable for the application material. Suitable materials are indicated on the disc label. For a comprehensive list please refer to Selecting the Right Product chart on page 12. Before mounting the grinding or cutting disc 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 & GRINDING DISCS

- Determine the primary material being cut and choose the most appropriate Flexovit product based on the application chart provided in this section. Selecting the correct disc for the specific material is crucial for optimising the disc's longevity and its cutting/grinding performance.
- Check if the machine is operating correctly and that the machine does not exceed the speed that is indicated on the disc.
- Use the wheel at the recommended speed indicated on the disc 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 DISCS

Disc does not cut	
<b>Cause</b>	In case of blue cutting: the disc is too hard or too thick
<b>Solution</b>	Use softer or Flexovit Thin Cut cutting discs, and 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: the disc is too soft
<b>Solution</b>	Use harder disc
<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, and reduce pressure on the machine
Crumbled wheel edge	
<b>Cause</b>	Cutting disc used for grinding operations
<b>Solution</b>	Use a grinding disc 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 disc
Arborhole or centre break out	
<b>Cause</b>	Disc sticks in the workpiece/material
<b>Solution</b>	Use more radial pressure and swing the disc forwards and backwards
<b>Cause</b>	Cutting disc used for grinding operations
<b>Solution</b>	Use a grinding disc 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 DISCS

Disc does not grind	
<b>Cause</b>	Disc is too hard, and is causing the disc to glaze
<b>Solution</b>	Use softer disc
<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 glazing (non-ferrous)
<b>Solution</b>	Use Flexovit Alu discs which counteracts loading and glazing
Excessive wheelwear	
<b>Cause</b>	Disc is too soft
<b>Solution</b>	Use harder disc
<b>Cause</b>	Too much pressure
<b>Solution</b>	Reduce pressure, let the disc do the grinding
<b>Cause</b>	Decrease in speed
<b>Solution</b>	Use machine with more power, and reduce pressure on the machine
<b>Cause</b>	Speed is too low
<b>Solution</b>	Max. 80m/s is the 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, and let the disc do the grinding
Cracks on the bottom of the wheel	
<b>Cause</b>	Contact area is too large
<b>Solution</b>	Reduce the contact area
<b>Cause</b>	Too much pressure
<b>Solution</b>	Reduce pressure, and let the disc do the grinding
Unbalance	
<b>Cause</b>	Dirty flanges
<b>Solution</b>	Clean flanges
<b>Cause</b>	Disc 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 and grinding discs 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

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








## GRINDING

When grinding keep the disc at an angle of 30 degrees

## 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 disc to stop completely before placing it on a bench or on the floor. Never bring the disc to rest by applying pressure to the disc 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 cutting and grinding discs
✓	<b>DO</b> Always handle and store discs carefully. Cutting discs should be stacked horizontally and flat, preferably on a steel base plate. Depressed centre discs should be placed on top of each other or stored in the original packaging.
✓	<b>DO</b> Always visually inspect all discs 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 discs and protect the operator in the unlikely event of a discs breakage. <b>NON-REINFORCED CUTTING-OFF DISCS 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 disc
✓	<b>DO</b> Always use the tools supplied by the machine manufacturer to change the disc
✓	<b>DO</b> Always ensure that the spindle speed of the machine does not exceed the operating speed marked on the disc
✓	<b>DO</b> Always use the correct disc 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 discs 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 disc
✓	<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 disc
✓	<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 cutting and grinding discs
✗	<b>DON'T</b> Handle discs roughly.
✗	<b>DON'T</b> Use non-reinforced cutting-off discs on portable machines.
✗	<b>DON'T</b> Store discs in a damp atmosphere or in extreme temperatures.
✗	<b>DON'T</b> Mount a damaged disc
✗	<b>DON'T</b> EVER exceed the maximum operating speed marked on the disc
✗	<b>DON'T</b> Force a disc 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 discs 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 disc guard.
✗	<b>DON'T</b> Use disc without proper ventilation or dust protection equipment.
✗	<b>DON'T</b> Apply side pressure to cutting discs. You should not bend the disc
✗	<b>DON'T</b> Stop the disc by applying pressure to the periphery or face. Always switch the machine off and allow the disc to stop revolving.
✗	<b>DON'T</b> Allow the disc to be trapped or pinched in the cut.
✗	<b>DON'T</b> Apply excessive pressure onto the disc so that the driving motor slows down.
✗	<b>DON'T</b> Grind on the side of cutting discs or depressed centre discs below 4.0mm thickness.
✗	<b>DON'T</b> Drop or lower a portable machine by the cable or airline onto the floor. A disc can be easily cracked, if it is put down hard, by the weight of the machine. This is a common cause of disc breakage.
✗	<b>DON'T</b> Grind with a depressed centre grinding disc 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 & GRINDING DISCS

All cutting and grinding discs 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 DISC

Carefully read the label or the information on the disc and make sure that the disc 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 disc and on the machine are compatible.

### VISUAL INSPECTION

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

### SAFETY EQUIPMENT

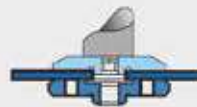
Before starting any cutting or grinding the guard must be in position and fixed securely. The disc guard must be capable of catching broken disc fragments effectively and capable of withstanding the impact caused by disc breakage.

### MOUNTING CUTTING & GRINDING DISCS & THE USE OF MOUNTING DEVICES

Only mount the discs 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, and never modify them in any way.



Type 27



Type 41



Type 42

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

1

Grinding discs will withstand more power and are more robust

2

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

3

Grinding discs and especially combination discs (4.2mm) and Light Comfort Grinding (LCG) discs (3.0mm) can easily be applied in corners, grooves and on sharp edges without damaging the disc

4

Grinding discs, and specifically combination discs (4.2mm) and Light Comfort Grinding discs are very light and comfortable to use

## COATED ABRASIVES

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# COATED ABRASIVES

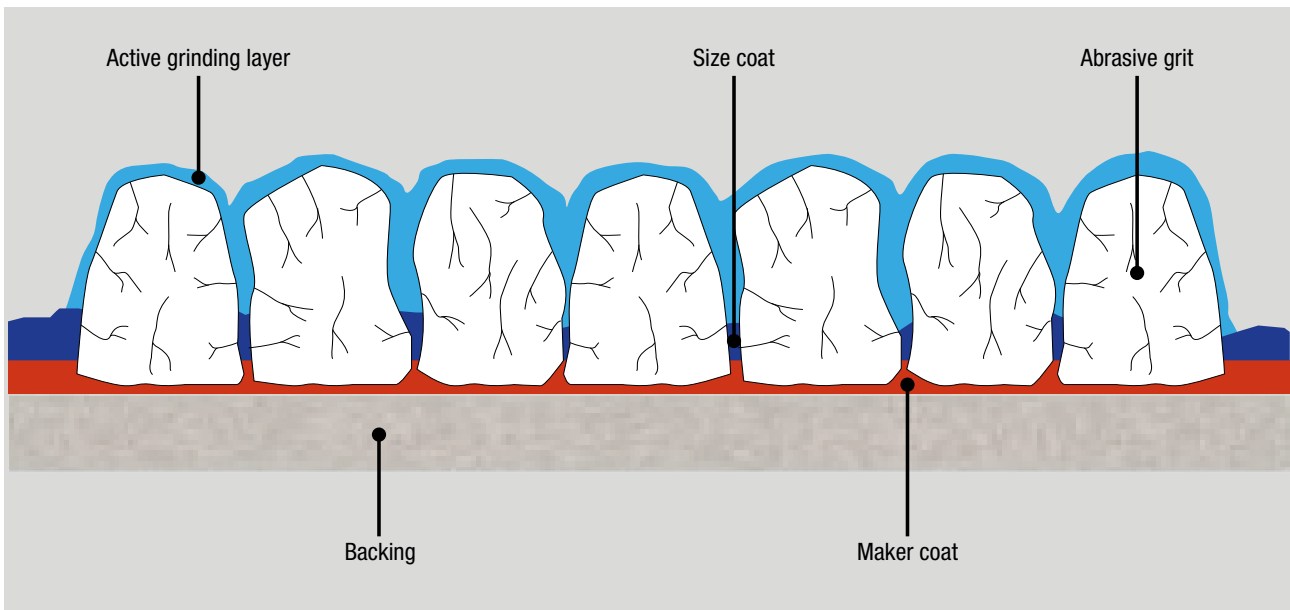
## INTRODUCTION

Flexovit has a range of belts, discs, rolls, sheets and flap discs 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 minimise 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.



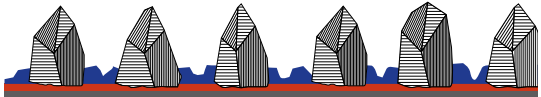

**Ceramic aluminium oxide** is a long-lasting, tough, dense abrasive due to its micro structure. The extremely small micron size particles break off during grinding, producing multiple new cutting edges. As it stays sharp, especially when used in medium and high pressure operations, it cuts at a higher 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 fibres 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.

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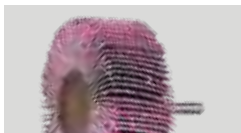


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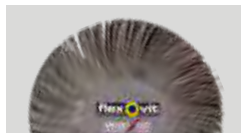


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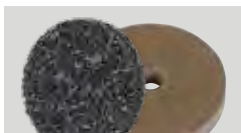
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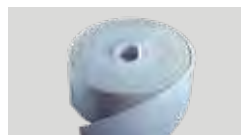
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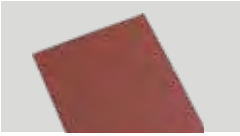


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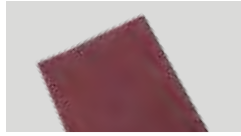


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







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Spiral rolls **143**










# COATED ABRASIVES 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	Cordless 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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# FIBRE DISCS

## FOR ANGLE GRINDERS

### PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	MEGA-LINE FX777	NEW MEGA-LINE FX888	INDUSTRIAL LINE FX672	SPEEDOFLEX FX170
	BEST ●●●●●	BEST ●●●●●	BETTER ●●●●	GOOD ●●●
Stainless steel, inox & duplex	●	-	◐	-
Titanium, inconel & super alloys	●	-	◐	-
Carbon, construction & mild steel	-	●	●	◐
Cast iron	◐	●	●	◐
Non-ferrous metal (brass/aluminium)	-	-	◐	●
Wood	-	-	●	◐



### MEGA-LINE FX777



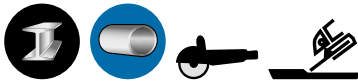
- Premium, sharp ceramic grain for fast and aggressive cut rate
- 0.8mm thick fibre backing provides durability and supports strong metal removal on heavy-duty applications
- Supersize treatment reduces thermal build-up on heat sensitive materials like stainless steel

DIM DxB (mm)	GRIT	PK QTY	ART NO.
115 x 22	36	25	66254493915
	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.

## NEW MEGA-LINE BLUE FX888X



DIM DxB (mm)	GRIT	PK QTY	ART NO.
115 x 22	36	25	78072749571
	80	25	78072749592
125 x 22	36	25	78072749593
	50	25	78072749597
	60	25	78072749599
180 x 22	36	25	78072749602
	60	25	78072749604



- Ceramic micro-fracturing grain for a better cut rate and longer disc life
- Stronger fibre backing provides better face-to-surface grinding and resists tearing in heavy-duty applications
- Specially designed for use on carbon steel, indicated on the back of every disc, for easy disc identification

COATED  
ABRASIVES

## INDUSTRIAL LINE FX672



DIM DxB (mm)	GRIT	PK QTY	ART NO.
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

\* Made-to-order



- 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.

## 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 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.

# FIBRE DISC

## SAFETY & STORAGE

COATED  
ABRASIVES



- 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

### SPEEDOFLEX FX170



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

\* Made-to-order

# 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.
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.
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 and 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.

Highly recommended ●  
Recommended ◐

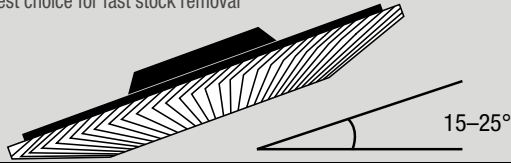


MATERIALS	MEGA-LINE PINK	MEGA-LINE MAXX3	NEW MEGA-LINE BLUE	INDUSTRIAL LINE PREMIUM	INDUSTRIAL LINE STEEL	SPEEDOFLEX	NEW PERFLEX
	BEST ●●●●●	BEST ●●●●●	BEST ●●●●●	BETTER ●●●●	BETTER ●●●●	GOOD ●●●	GOOD
Stainless steel, inox & duplex	●	●	●	◐	-	-	◐
Titanium, inconel & super alloys	●	●	●	◐	-	-	-
Carbon,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

## DISC SHAPES

### TYPE 29 CONICAL

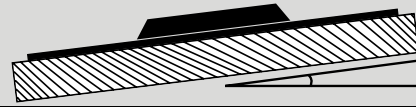
- For both contoured surfaces and edge work
- Angled flaps offer greater contact when removing stock on flat surfaces
- The best choice for fast stock removal



### TYPE 27 FLAT

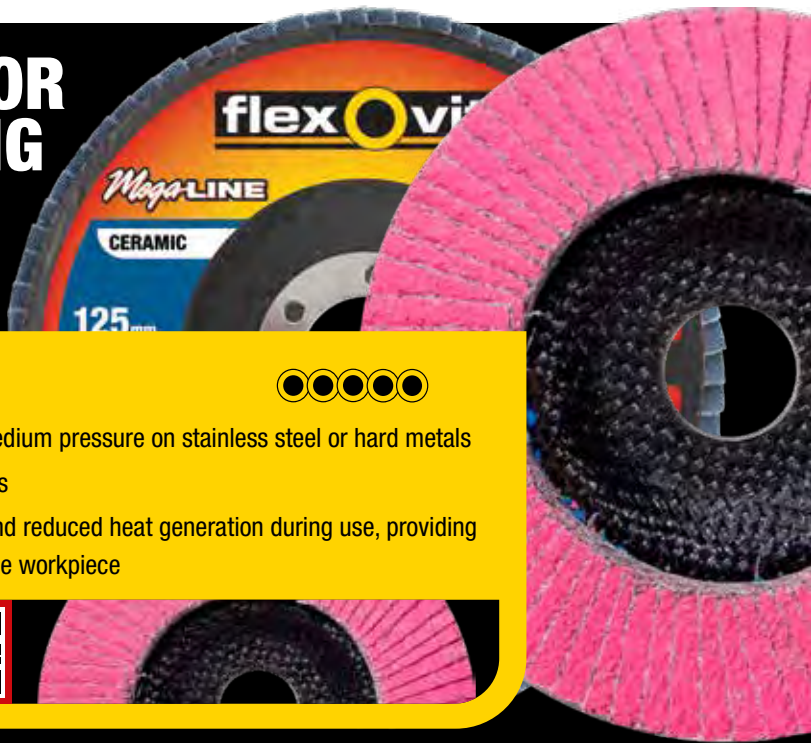
- For use on flat surfaces
- Best choice for blending and finishing

0–15°



COATED  
ABRASIVES

# THINK PINK FOR FAST GRINDING

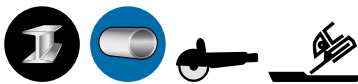



## MEGA-LINE PINK




- 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 and reduced heat generation during use, providing better part quality and no burning of the workpiece

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



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

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

# FLAP DISC

## FOR ANGLE GRINDERS

COATED  
ABRASIVES



- Extremely aggressive ceramic grain for noticeably faster cut rate
- Strong polyester backing for demanding work on edges
- For cool grinding of stainless steel, inconnels, 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.
125 x 22	40	10	66261086960
	60	10	66261086961



- Sharp zirconia grain for a faster cut from the very beginning
- Tough polyester backing for excellent product life and more material removal with one disc
- Ideal on medium to high pressure applications on carbon steel and hard metals

### NEW MEGA LINE BLUE R860








TRY IT OUT!



DIM DxB (mm)	GRIT	PK QTY	ART NO.
115 x 22	40	10	78072747900
	60	10	78072747908
	80	10	78072747910
	120	10	78072747911
125 x 22	40	10	78072747912
	60	10	78072747914
	80	10	78072747925
	120	10	78072747927
125 x 22	40	10	78072747978
	60	10	78072747979
	80	10	78072748019
150x22	40	10	78072747983
	60	10	78072747984
	80	10	78072748019
180x22	60	10	78072747980

## INDUSTRIAL LINE PREMIUM







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

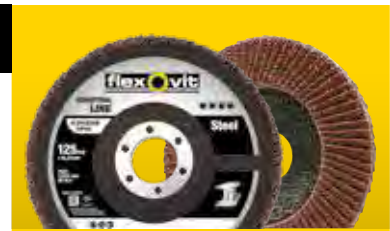


- Premium self-sharpening zirconia grain for consistent cut rate throughout disc life
- Cotton cloth backing supports wear during use to expose new grain under low to medium grinding pressure
- Grain and backing combination make a versatile disc for all rough grinding jobs
- High performance versus price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

## INDUSTRIAL LINE STEEL



DIM DxB (mm)	GRIT	PK QTY	ART NO.
115 x 22 	40	10	63642521034
	60	10	63642521035
	80	10	63642521036
	120	10	63642521037
125 x 22 	40	10	63642521038
	60	10	63642521039
	80	10	63642521040
	120	10	63642521041
180 x 22 	40	10	63642521042
	60	10	63642521043
115 x 22 	40	10	63642521046
	60	10	63642521047
	80	10	63642521048
	120	10	66261162876



- 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



# FLAP DISC

## FOR ANGLE GRINDERS

COATED  
ABRASIVES



- 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.
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



- Optimal material removal rate
- Low vibration levels
- Consistent cut rate
- Perfect price/performance ratio

### NEW PERFLEX ZIRCONIA ALUMINA



CORDLESS  
COMPATIBLE

DIM DxB (mm)	GRIT	PK QTY	ART NO.
115 x 22 	40	10	78072750539
	60	10	78072750541
	80	10	78072750592
	120	10	78072750594
125 x 22 	40	10	78072750597
	60	10	78072750598
	80	10	78072750600
	120	10	78072750603

# 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 and 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.
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 and concrete
- Ideal where aggressive material removal is required such as heavy 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.
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 spatter 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.
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

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



- Silicon carbide grain is extra coarse for aggressive removal of coatings
- General purpose disc, for use on a variety of surfaces including wood, metal and 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.
115 x 22	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.
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.
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 fibre and tightly packed grain, meaning less down time, and faster part throughput

COATED ABRASIVES

## SPEEDOFLEX FLEXFINISH



DIM DxTxH (mm)	GRADE	COLOUR	CAP CODE	PK QTY	RPM	ART NO.
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.
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



DIA (x Hole) (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.
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

- The life of the aluminium oxide grain is extended by the flap construction, so you 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

COATED  
ABRASIVES

# 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.
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

\* Made-to-order



- 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

## SURFACE BLENDING



- 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

DIA (x Hole) (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.
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
	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
	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.
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	78
Mini flap discs	81
Non-woven discs	83
Back-up pads	86

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 and finishing on small or difficult to access areas including tool and mold construction, automotive, aeronautical and 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 & softwood	●	◐

## QUICK CHANGE DISCS ATTACHMENTS & TIPS



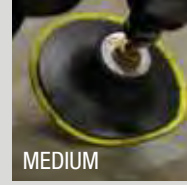
**TS ATTACHMENT**  
(Type 2 – SL2)  
A turn-on/turn-off style fastener



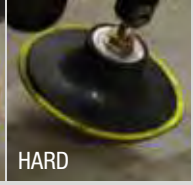
**TR ATTACHMENT**  
(Type 3 – SL3)  
Twist on and twist off in 2½ turns



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



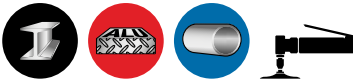
MEDIUM



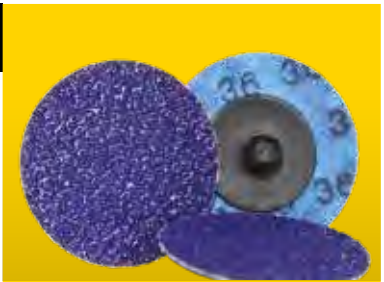
HARD

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

### INDUSTRIAL LINE



DIA (mm)	GRIT	REC. RPM	PK QTY	ART NO.
<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



COATED  
ABRASIVES



- 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

## SPEEDOFLEX ALUMINIUM OXIDE



DIA (mm)	GRIT	REC. RPM	PK QTY	ART NO.
<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, which 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 ◐

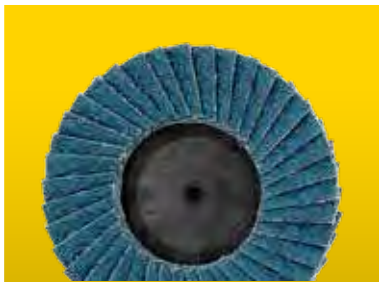


MATERIALS	INDUSTRIAL LINE
	<b>BETTER</b> ●●●●
Stainless steel, inox & duplex	●
Inconel, titanium & super alloys	●
Carbon steel, construction steel & mild steel	●
Cast iron	●
Non-ferrous metal (brass/aluminium)	◐
Hard & softwood	●

# MINI FLAP DISCS

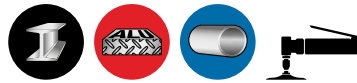
FOR MINI ANGLE GRINDER


COATED  
ABRASIVES



- 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.	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

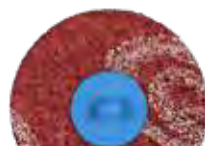
PRODUCTS	36	40	50	60	80	120
Ceramic mini flap disc		●	●	●	●	
Zirconia mini flap discs	●	●		●	●	●
Aluminum oxide mini flap discs	●	●		●	●	●

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.
50	Extra coarse	Ceramic	Orange	R9101	15000	10	63642547419
75	Extra coarse	Ceramic	Orange	R9101	12000	10	63642547420



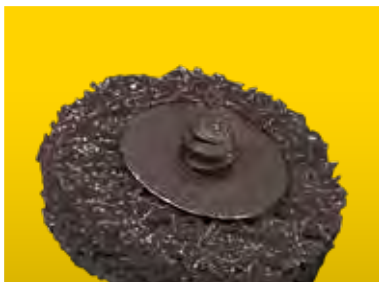
- Ceramic grain applied to an open web construction makes Mega-Line Flexclean the best choice for fast removal of rust, weld spatter scale and paint



# NON-WOVEN QUICK CHANGE DISCS

FOR MINI ANGLE GRINDER

COATED  
ABRASIVES



- The silicon carbide disc also removes rust, weld spatter 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.
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.
50	Extra coarse	SIC	Black	R4104	15000	10	63642557677*
75	Extra coarse	SIC	Black	R4104	12000	10	63642557678

\* Made-to-order



- Fine silicon carbide and 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.
50	Fine	SIC	Grey	U4401	18000	10	63642586194
	Medium	Alox	Grey	U2301	22100	10	63642586198*
75	Fine	SIC	Grey	U4401	12100	10	63642586199
	Medium	Alox	Grey	U2301	12100	10	63642586213
	Medium	Alox	Grey	U2301	18000	10	63642586214

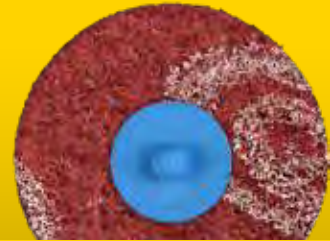
\* Made-to-order

## INDUSTRIAL LINE SURFACE BLENDING DISCS SL3



DIA (mm)	GRADE	ABRASIVE	COLOUR	CAP CODE	MAX RPM	PK QTY	ART NO.
50	Coarse	Alox	Tan	S2203	23000	50	69957314715
	Medium	Alox	Red	S2303	23000	50	69957318189
	Fine	Alox	Green	S2503	23000	50	69957314718
	Very fine	Alox	Blue	S2403	23000	50	69957314716
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*

\* Made-to-order



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

COATED ABRASIVES

## SURFACE BLENDING SL2



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

\* Made-to-order



- 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.
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

\* Made-to-order



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

# RUBBER BACK-UP PADS

FOR MINI ANGLE GRINDER

## 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

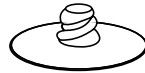


- Roll-on/roll-off system using a nylon threaded male button



### TS ATTACHMENT BACK-UP PAD

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



### TR ATTACHMENT BACK-UP PAD

DIA (mm)	DENSITY	MAX RPM	QTY	ART NO.
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	88
Quick release discs	90
Quick release back-up pads	94
Floor pads for floor sanding machines	95





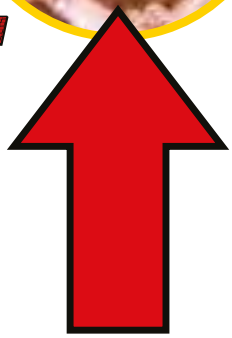
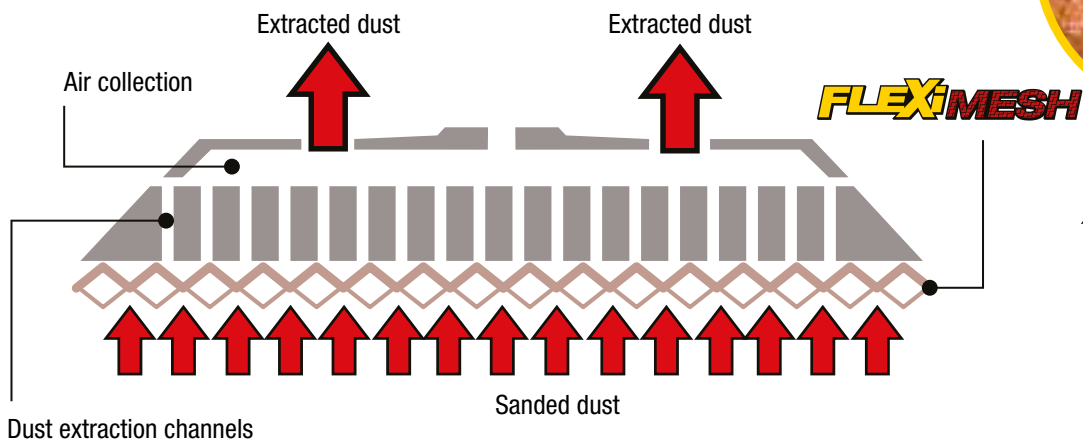


# FLEXIMESH

## 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!



**FLEXIMESH CERAMIC**



DIM (mm)	GRIT	PK QTY	ART NO.
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

**FLEXIMESH ALUMINIUM OXIDE**



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

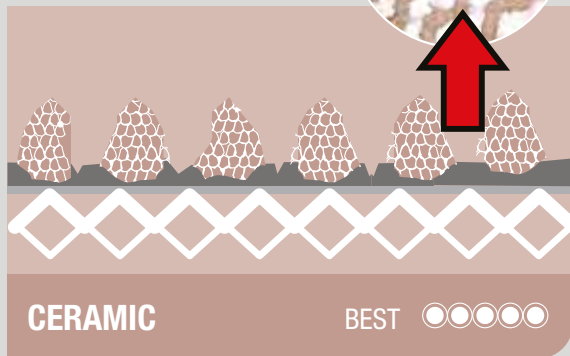


- Aluminium oxide grain for consistent cutting performance
- Good productivity
- Good disc life

COATED ABRASIVES

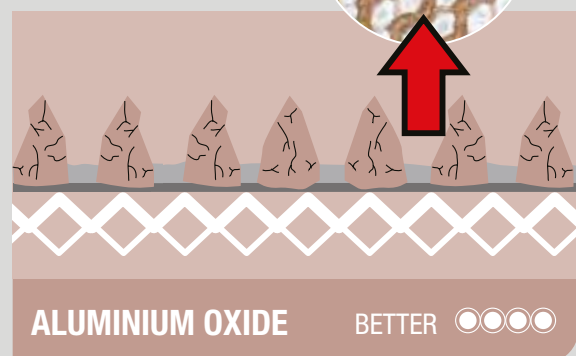
**WHY CHOOSE A CERAMIC ABRASIVE?**

**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, minimising 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 and painted surfaces, stripping primer, varnish and paint, sanding plastic and fibreglass, light weld blending and 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		●



DIA (mm)	GRIT	PK QTY	ART NO.
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, minimising downtime
- 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.
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
150 15 holes	800	100	63642535455
	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
150 17 holes	600	100	66254405906
	800	100	66254405907
	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

<p>115mm</p> <p>Ø115mm with no holes</p>	<p>125mm</p> <p>Ø125mm with no holes</p>	<p>125mm</p> <p>Ø125mm with eight holes Ø10mm on hole circle Ø90mm + one centre hole Ø10mm</p>	<p>150mm</p> <p>Ø150mm with six holes Ø10mm on hole circle Ø80mm + one centre hole Ø17mm</p>
<p>Ø150mm</p> <p>Ø150mm eight holes Ø10mm on hole circle Ø120mm + one centre hole Ø17mm</p>	<p>Ø203mm</p> <p>Ø203mm eight holes Ø12mm</p>	<p>Ø225mm</p> <p>Ø225mm ten holes Ø12mm on hole circle Ø105mm</p>	

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 pack, 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.
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.



# FLOOR PADS

FOR FLOOR SANDING MACHINES

COATED  
ABRASIVES



- 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

## GENERAL PURPOSE FLOOR PADS THICK

DIA (mm)	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.
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



- 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

## GENERAL PURPOSE FLOOR PADS THIN

DIA (mm)	ABRASIVE	COLOUR	CAP CODE	PK QTY	ART NO.
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>98</b>
Flap wheels for angle grinders	<b>101</b>
Flap wheels for satinex machines	<b>102</b>
Flap wheels for bench / pedestal grinders	<b>104</b>
Convolute wheels for bench & pedestal grinders	<b>106</b>
Flexclean wheels for die grinders	<b>107</b>
Flexfinish wheels for die grinders	<b>108</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

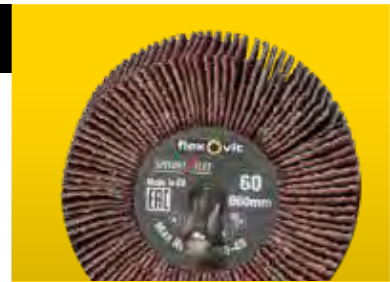
COATED GRIT	COARSE - GRINDING					FINE - FINISHING	
	40	60	80	120	180	240	320
<b>NON-WOVEN GRADE</b>	COARSE / EXTRA CUT					FINE	
Stock removal	●						
Roughing	●						
Preparing metal for painting		●	●				
Blending out medium machine marks		●	●				
Blending metal surfaces			●	●	●		
Applying light scratch 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.
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
60 x 40 x 6	40	10	4800 - 7900	66261168335
	60	10		66261168356
	80	10		63642585467
	120	10		63642585469
80 x 30 x 6	40	10	3600 - 6000	63642585470
	60	10		63642585471
	80	10		66261168290
	120	10		66261168303
80 x 50 x 6	40	10	3600 - 6000	66261168314
	60	10		66261168328
	80	10		63642585474
	120	10		63642585476
	40	10		63642585478
	60	10		63642585480
	80	10		
	120	10		



- Cut cooler and smoother, with our versatile and 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

COATED  
ABRASIVES



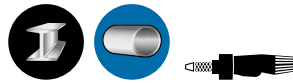
# FLAP WHEELS

COATED  
ABRASIVES



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

## FLEXBRITE



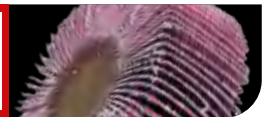
DIA (mm)	GRADE	CAP CODE	PK QTY	ART NO.
60 x 30 x 6	Fine	F2401	10	63642586269
	Fine A interleaved 100g	F2401	10	63642586271
80 x 50 x 6	Fine	F2401	10	63642586274
	Fine A interleaved 100g	F2401	10	63642586277
	Extra Cut	F2302	10	63642586275
100 x 50 x 6	Fine	F2401	10	63642586278
	Fine A interleaved 100g	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 finish a higher contact pressure creates a rougher finish.

# 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.
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*

\* Made-to-order



- Cut cooler and smoother, with our versatile and long-lasting premium aluminum oxide blend
- Excellent cut rate on low-pressure finishing operations
- Ensures perfect linear finish for repair and 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 grinding 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>	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

# FLEXBRITE SATINEX



DIA (mm)	GRADE	CAP CODE	PK QTY	ART NO.
<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

COATED ABRASIVES

## 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, optimising 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 ◐



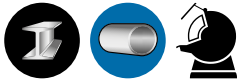
MATERIALS	SPEEDOFLEX KX31 PLUS
	<b>GOOD</b> ●●●
Stainless steel, inox & duplex	◐
Titanium, inconel & super alloys	◐
Carbon, construction & mild steel	●
Cast iron	●
Non-ferrous metal (brass/aluminium)	●
Wood	●

### APPLICATION GUIDE

COATED GRIT	COARSE - GRINDING						FINE - FINISHING	
	40	60	80	120	180	240	320	
<b>NON-WOVEN GRADE</b>	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.
165 x 50 x 54	40	1	4300 - 4900	69957394000
	60	1		69957394064
	80	1		69957394001*
	120	1		69957394002*

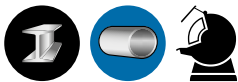
\* Made-to-order



- Versatile and long-lasting premium aluminium 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

COATED ABRASIVES

## FLEXBRITE



DIA (mm)	GRADE	ABRASIVE	CAP CODE	PK QTY	ART NO.
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	Very fine	SIC	F4501	1	63642588151



- The most conformable of all Flexbrite wheels
- Ideal for use on contoured surfaces and parts with awkward geometry
- Gentle cushioning action achieves a consistent and 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.



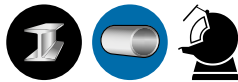
# CONVOLUTE WHEELS

## FOR BENCH & PEDESTAL GRINDERS



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

### FLEXFINISH LONG LIFE



DIA (mm)	GRADE	CAP CODE	DENSITY	PK QTY	ART NO.
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.
<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>SPINDLE MOUNTED WHEELS</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

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



- 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





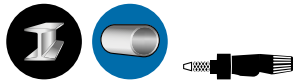
# FLEXFINISH WHEELS

## 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 downtime spent dressing and reshaping
- The uniform wheel construction ensures even wear to maintain part integrity, preventing cutting or gouging
- The smear resistant formula prevents smearing and costly rework

### FLEXFINISH



DIA (mm)	GRADE	ABRASIVE	CAP CODE	PK QTY	ART NO.
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

#### ACCESSORIES

SPEC	THICKNESS	BORE (mm)	PK QTY	ART NO.
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	110
Cloth rolls in a box	112
Paper & cloth rolls	115
Flexbrite rolls	118
Soft rolls	119

FOR INDUSTRIAL APPLICATIONS



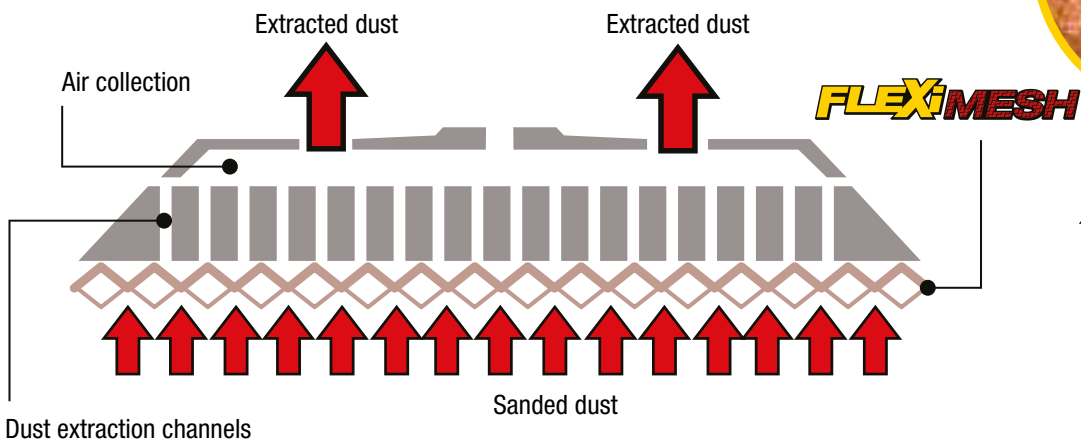




## FLEXIMESH FOR HAND SANDING

### 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!



## FLEXIMESH CERAMIC



DIM	GRIT	PK QTY	BOX QTY	ART NO.
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*

\* Made-to-order



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

## FLEXIMESH ALUMINIUM OXIDE



DIM	GRIT	PK QTY	BOX QTY	ART NO.
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*

\* Made-to-order

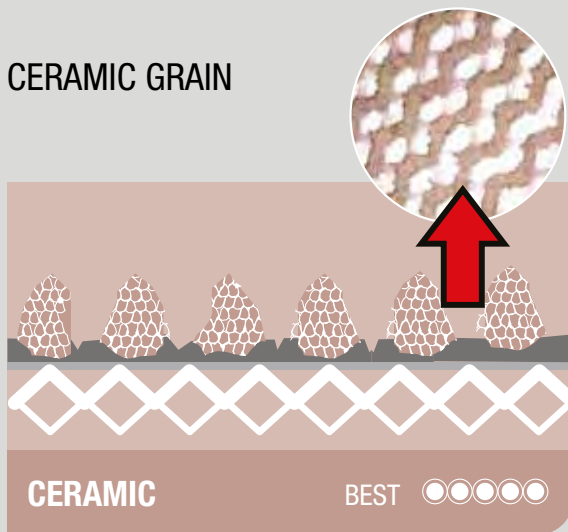


- Aluminium oxide grain for consistent cutting performance
- Good productivity
- Good disc life

COATED  
ABRASIVES

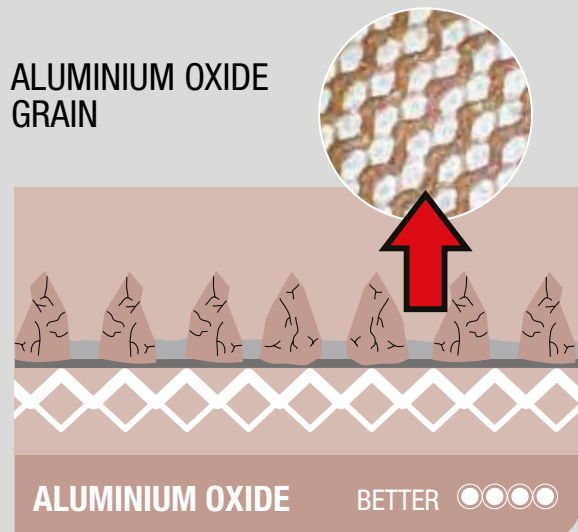
## WHY CHOOSE A CERAMIC ABRASIVE?

### 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.

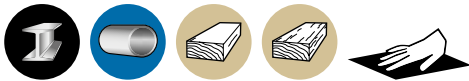
## PRODUCT SELECTION GUIDE

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.
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
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

\* Made-to-order



- 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

COATED  
ABRASIVES

# 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

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## SPEEDOFLEX K20N



DIM WxL	GRIT	PK QTY	ART NO.	
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 <b>PREMIER RED</b>
	<b>BEST</b> ●●●●●	<b>BEST</b> ●●●●●	<b>BETTER</b> ●●●●
Metal	●	◐	
Wood	◐	●	◐
Primer / paint / varnish		◐	●



# PAPER & CLOTH ROLLS

FOR HAND & MACHINE SANDING APPLICATIONS

COATED  
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- Tough aluminium oxide abrasive grain is ideal for hard materials like carbon steel, alloys and hardwoods
- 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

## MEGA-LINE KF271



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

## INDUSTRIAL LINE P37C PREMIER RED



DIM WxL	GRIT	PK QTY	ART NO.
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	

\* Made-to-order



- 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

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## 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 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.
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

\* Made-to-order



# 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 and curves, achieving an outstanding finish on primers and 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



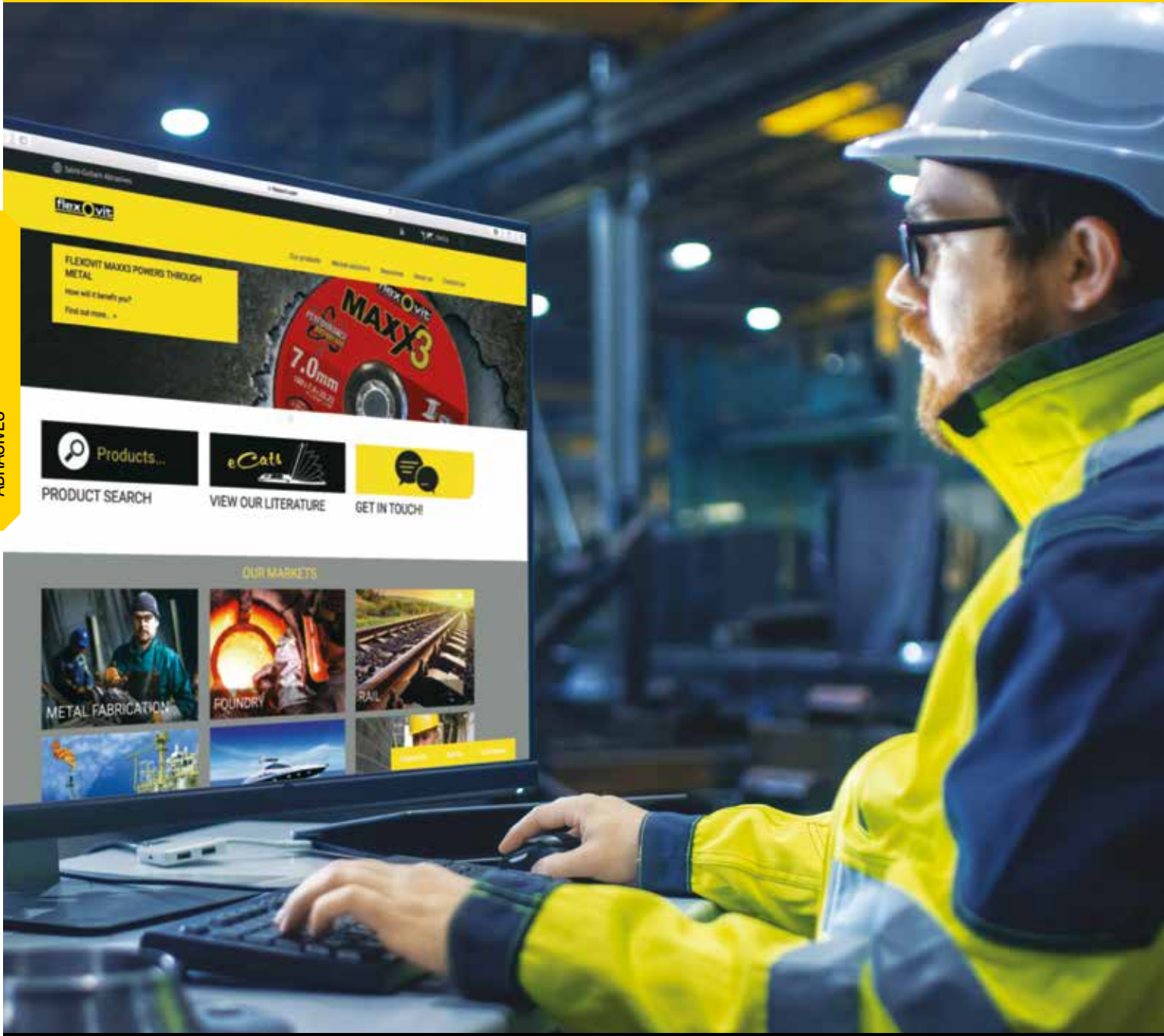
DIM WxL	GRIT	PK QTY	ART NO.
115mm x 25m	150	1	63642535517
	180	1	63642535520
	220	1	63642535521
	240	1	63642535522
	280	1	63642535523
	320	1	63642535524
	400	1	63642535525
	500	1	63642535526
	600	1	63642535528
	800	1	63642535530
	1000	1	63642535531



- Exceptional flexibility, can be folded without cracking and conforms to contours
- Special stearate layer applied to the grain minimises 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	122
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# SHEETS

## FOR HAND SANDING APPLICATIONS

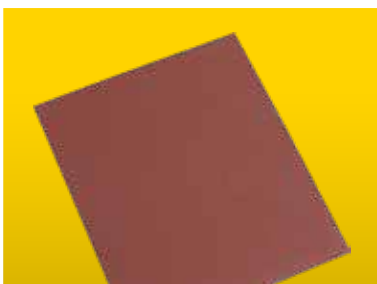
Flexovit offers a full range of sheets and hand pads for manual sanding operations. They are engineered for optimum performance when sanding metal, wood, composites and painted surfaces. The sheets are packed in protective packaging to eliminate curling, damage and for easy, neat storage.

### 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.
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.
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.
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



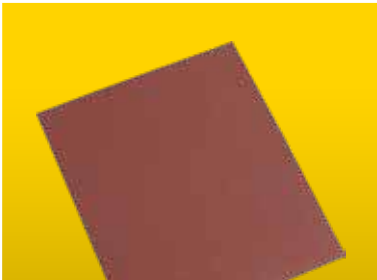
- Sharp, hard silicon carbide grain cuts easily through metal surfaces
- Use wet for best results and to extend product life
- The latex backing is waterproof and flexible allowing access to contours and can be torn for reaching awkward areas



# SHEETS

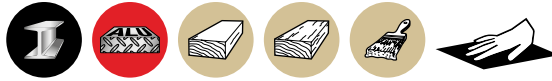
FOR HAND SANDING APPLICATIONS


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- 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

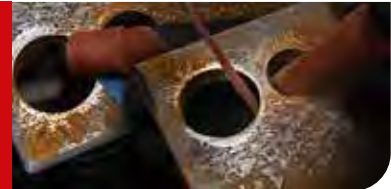
## SPEEDOFLEX K20N



DIM WxL (mm)	GRIT	PK QTY	ART NO.
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**


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- 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.
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.	Coarser for general cleaning	
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 matte 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 matte 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, removing 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 and 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

COATED  
ABRASIVES



- 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.
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, and 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.
115 x 230	Very fine A	Red	100	66261132462
	Very fine S	Grey	100	66261132463

# 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+

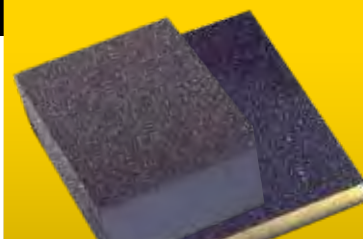
## APPLICATION GUIDE

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

## INDUSTRIAL LINE SPONGES



ABRASIVE	DIM WxLxH (mm)	GRIT	PK QTY	ART NO.
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



- 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





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## ABRASIVE BELTS

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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 ◐



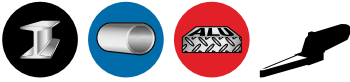
MATERIALS	MEGA-LINE SY798	NEW INDUSTRIAL LINE SY699	SPEEDOFLEX MX240
	BEST ●●●●●	BETTER ●●●●	GOOD ●●●
Stainless steel, inox & duplex	●	◐	
Titanium, inconel & super alloys	●	◐	
Carbon, construction & mild steel		◐	
Cast iron		●	●
Non-ferrous metal (brass/aluminium)			●
Hard & softwood			●

#### 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.
10 x 330	40	10	77696005445
	60	10	77696004752
	80	10	66261129846
20 x 520	40	10	69957306270
	60	10	66261124226
	80	10	66261129845



- Premium ceramic abrasive grain stays sharp for long belt life
- Heavy polyester 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

## NEW INDUSTRIAL LINE SY699



DIA (mm)	GRIT	PK QTY	ART NO.
10 x 330	40	10	78072743735
	60	10	78072743737
	80	10	78072743738
20 x 520	40	10	78072743734
	60	10	78072743739
	80	10	78072743729



- New zirconia grain for higher material removal and longer life
- Strong Y-polester backing for demanding applications
- Wide grit range for rough to finishing operations

## SPEEDOFLEX MX240



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

\* Made-to-order

DIA (mm)	GRIT	PK QTY	ART NO.
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



COATED  
ABRASIVES

### 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.

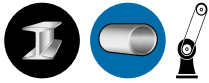
## PRODUCT SELECTION GUIDE

Highly recommended ●  
Recommended ◐



MATERIALS	MEGA-LINE SY798 BEST ●●●●●	NEW INDUSTRIAL LINE SY699 BETTER ●●●●	SPEEDOFLEX SX373 GOOD ●●●
Stainless steel, inox & duplex	●	◐	
Titanium, inconel & super alloys	●	◐	
Carbon, construction & mild steel		◐	
Cast iron		●	●
Non-ferrous metal (brass/aluminium)			●
Hard & softwood			●

## MEGA-LINE SY798



DIA (mm)	GRIT	PK QTY	ART NO.
50 x 2000	36	10	66623339978
	40	10	66623304566
	60	10	66623337685
	80	10	63642577536
75 x 2000	36	10	66623304027
	40	10	66623304430*
	60	10	66623312654
	80	10	66623331556
100 x 1000	36	10	63642543458*
	40	10	63642575019*
	60	10	66623397189*
	80	10	66261146438*

\* Made-to-order



- Premium ceramic abrasive grain stays sharp for long belt life
- Heavy 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

COATED  
ABRASIVES

## NEW INDUSTRIAL LINE SY699



DIA (mm)	GRIT	PK QTY	ART NO.
50x2000	36	10	78072724903
	40	10	78072724907
	60	10	78072724908
	80	10	78072724909
	120	10	78072724910
75x2000	36	10	78072724912
	40	10	78072724913
	60	10	78072724914
	80	10	78072724915
	120	10	78072724916
75x2500	36	10	78072725271
	40	10	78072725272
	60	10	78072725277
	80	10	78072725278
	120	10	78072725279
150x2000	36	10	78072725280
	40	10	78072725282
	60	10	78072725283
	80	10	78072725284
	120	10	78072725285



- New zirconia grain for higher material removal and longer life
- Strong Y-polester backing for demanding applications
- Wide grit range for rough to finishing operations



# NARROW BELTS

## FOR BACKSTAND MACHINES

COATED  
ABRASIVES



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

### SPEEDOFLEX SX373



DIA (mm)	GRIT	PK QTY	ART NO.	
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 SY699	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 three 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 SY699	Norzon, Y-polyester	●	●	●	●	●	●	●	●			
Speedoflex SX373	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.

COATED  
ABRASIVES

## BELTS BY DIMENSION

GRIT	CAPCODE	PK QTY	ART NO.	QUALITY TIER
<b>10 x 330mm</b>				
40	SY798	10	77696005445	●●●●●
	SY699	10	78072743735	●●●●●
	MX240	10	63642585988	●●●
60	SY798	10	77696004752	●●●●●
	SY699	10	78072743737	●●●●●
	MX240	10	63642585992	●●●
80	SY798	10	66261129846	●●●●●
	SY699	10	78072743738	●●●●●
	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>20 x 520mm</b>				
40	SY798	10	69957306270	●●●●●
	SY699	10	78072743734	●●●●●
	MX240	10	63642590752	●●●
60	SY798	10	66261124226	●●●●●
	SY699	10	78072743739	●●●●●
	MX240	10	63642590768	●●●
	MX240	10	63642590768	●●●
80	SY798	10	66261129845	●●●●●
	SY699	10	78072743729	●●●●●
	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	●●●

# ABRASIVE BELTS

## BY DIMENSION

GRIT	CAPCODE	PK QTY	ART NO.	QUALITY TIER
<b>100 x 620mm</b>				
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 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	●●●●●
	SY699	10	78072724903	●●●●●
40	SY798	10	66623304566	●●●●●
	SY699	10	78072724907	●●●●●
60	SY798	10	66623337685	●●●●●
	SY699	10	78072724908	●●●●●
80	SY798	10	63642577536	●●●●●
	SY699	10	78072724909	●●●●●
120	SY699	10	78072724910	●●●●●

GRIT	CAPCODE	PK QTY	ART NO.	QUALITY TIER
<b>75 x 2000mm</b>				
36	SY798	10	66623304027	●●●●●
	SY699	10	78072724912	●●●●●
	SX373	10	63642586052	●●●●
40	SY798	10	66623304430*	●●●●●
	SY699	10	78072724913	●●●●●
	SX373	10	63642586053	●●●●
60	SY798	10	66623312654	●●●●●
	SY699	10	78072724914	●●●●●
	SX373	10	63642586056	●●●●
80	SY798	10	66623331556	●●●●●
	SY699	10	78072724915	●●●●●
	SX373	10	63642586059	●●●●
120	SY699	10	78072724916	●●●●●
	SX373	10	63642586060	●●●●
180	SX373	10	63642586062	●●●●
<b>75 x 2500mm</b>				
36	SY699	10	78072725271	●●●●●
40	SY699	10	78072725272	●●●●●
60	SY699	10	78072725277	●●●●●
80	SY699	10	78072725278	●●●●●
120	SY699	10	78072725279	●●●●●
<b>150 x 2000mm</b>				
36	SY699	10	78072725280	●●●●●
	SX373	10	63642593043*	●●●●
40	SX373	10	69957332736	●●●●
	SY699	10	78072725282	●●●●●
60	SX373	10	63642588378*	●●●●
	SY699	10	78072725283	●●●●●
80	SX373	10	63642595089*	●●●●
	SY699	10	78072725284	●●●●●
120	SX373	10	66261052650*	●●●●
	SY699	10	78072725285	●●●●●

\* Made-to-order

## SPECIALTIES

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Spirabands **140**

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Cartridge & spiral rolls **143**

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FOR INDUSTRIAL APPLICATIONS

COATED  
ABRASIVES







# SPIRABANDS FOR DIE GRINDERS

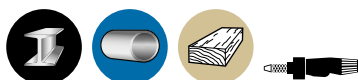
Spirabands are made of abrasive cloth which is rolled and glued on to a cotton backing. They are designed to access hard-to-reach areas including internal diameters, edges, curves and contours of components. Spirabands can be used on metals, leather, glass, plastic and wood and are the ideal shape for 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 & softwood	●	◐



DIA (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
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, the 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

## SPEEDOFLEX



DIA DxW (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
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		

- 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 optimise stock removal and surface finish, whilst avoiding thermal load of the workpiece and tool wear.

## 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.
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

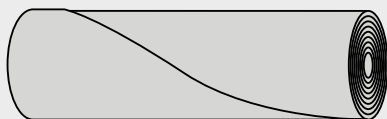
Highly recommended ●  
Recommended ◐



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

## SHAPE RECOMMENDATION GUIDE

### STRAIGHT ZPE

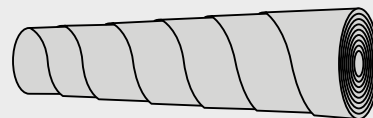


Straight rolls wear to the shape required. Effective for:

- 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, and 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, and 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
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
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*		

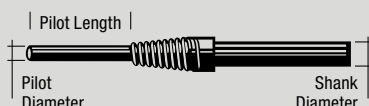
\* Made-to-order

## ACCESSORIES STEEL MANDREL - CARTRIDGE & SPIRAL ROLLS

### STEEL MANDREL - CARTRIDGE & SPIRAL ROLLS

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

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



DIMS (mm) DIA x L	SHAFT DIA (mm)	PK QTY	ART NO.
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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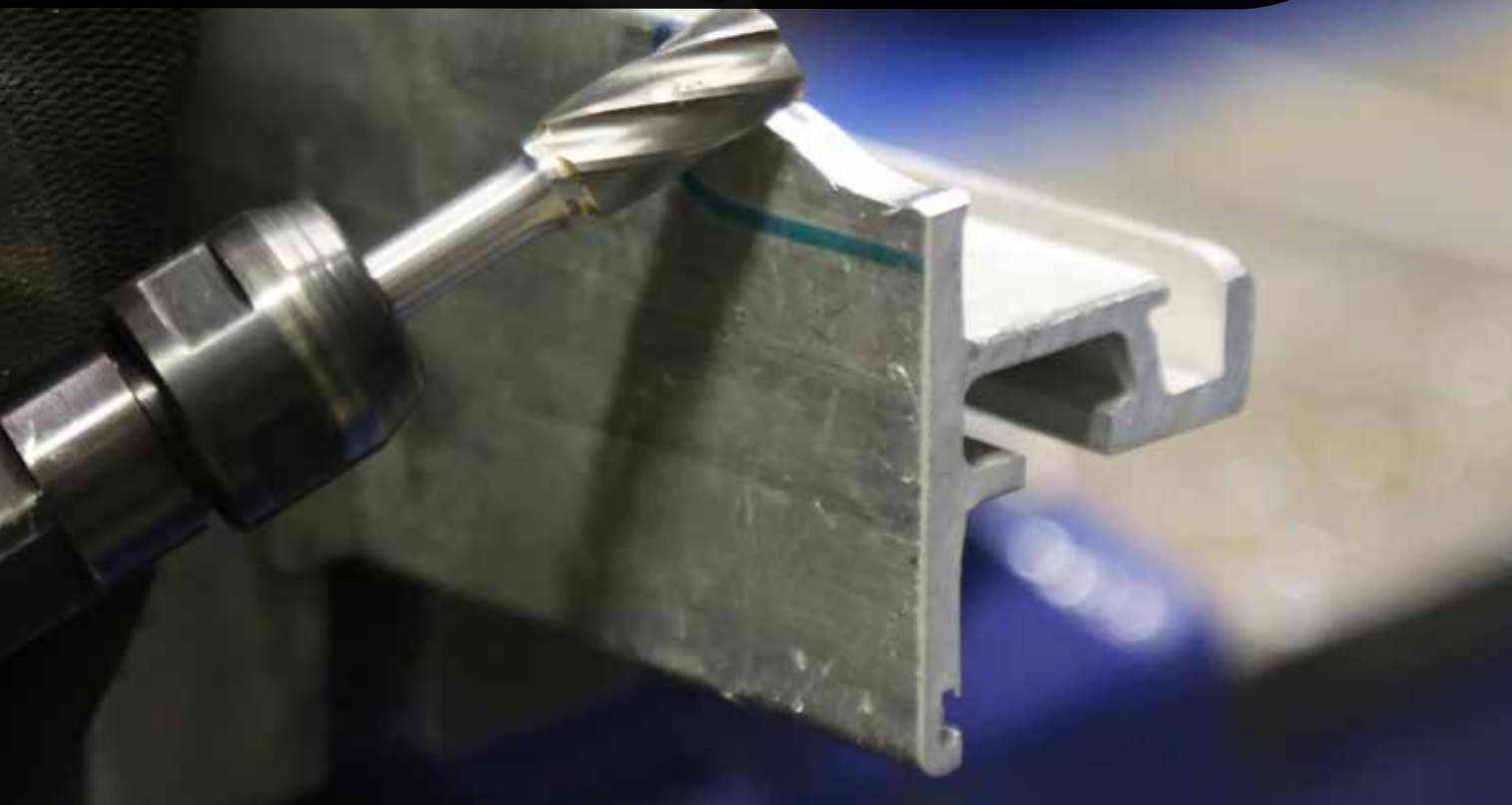
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# CARBIDE BURRS

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FOR INDUSTRIAL APPLICATIONS







# TUNGSTEN CARBIDE BURRS

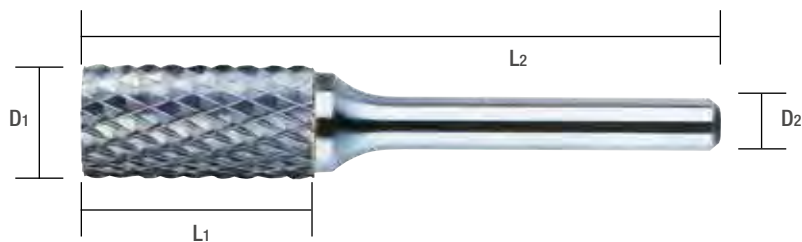
## FOR STRAIGHT SHAFT MACHINES

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

\* available as Made-to-order

# CUT STYLES



MEGA-LINE CUT	DC - DOUBLE CUT		ALU ALUMINIUM	
ML	FLX	SPDX	FLX	SPDX
Faster stock removal. Longer life. Bright & smooth finishing	Universal cutting style, fast material removal, smooth finish and granular chip break.		For deburring of aluminium alloys & plastic wide tooth formation, easy chip flow.	
	Long shaft (some products). High wear resistant	Best cost product for most industrial applications	Long shaft (some products). High wear resistant	Best cost product for most industrial applications

# APPLICATION BY SHAPE



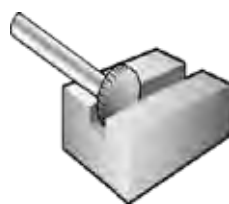
**A CYLINDER**      **B CYLINDER WITH END CUT**      **C BALL NOSED CYLINDER**      **D BALL**



**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 Made-to-order

# TUNGSTEN CARBIDE BURRS

FOR STRAIGHT SHAFT MACHINES

## PRODUCT SELECTION GUIDE

MATERIALS	MEGA-LINE CUT	DC		ALU	
	ML ○○○○○	FLX ○○○○	SPDX ○○○	FLX ○○○○	SPDX ○○○
Steel <40HRc, carbon steel, non-alloy steel	*****	****	****		
Steel (40-60HRc), alloyed steel	*****	****	***		
Stainless steel	*****	****	****		
Cast iron	*****	****	****		
Nickel alloys, cobalt alloys	*****	****	***		
Soft aluminium, aluminium alloys, brass, copper, zinc				****	****
Bronze, titanium, titanium alloys, very hard aluminium alloys	****	****	***	****	***
Plastic / wood				****	****

CARBIDE BURRS & WIRE BRUSHES

## NEW MEGA-LINE CUT

### MEGA-LINE CUT ○○○○○

- 40% faster stock removal than standard DC
- 40% longer life than standard DC
- Bright & smooth finishing
- Very competitive price

**Black stripes help identify Mega-Line Cut. The burr continues to cut even after the black paint is gone; the teeth are still there and will work for a long time.**



# TUNGSTEN CARBIDE BURRS

## FOR STRAIGHT SHAFT MACHINES






### NEW! MEGA-LINE CUT

- The unique tooth geometry provides faster stock removal, longer life and better surface finish than double cut carbide burrs
- The black stripes are for quick product identification only. When the paint is gone, the carbide burr continues to cut

### DOUBLE CUT DC

- Universal cutting style, fast material removal, smooth finishing and granular chip break
- For steel, stainless steel, cast iron, titanium, nickel, and copper



PRODUCT SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	PK QTY	NEW! ML CUT		DC	
			ML ○○○○○	FLX ○○○○	SPDX ○○○	
<b>SHAPE A: CYLINDER</b>						
	6 x 19 x 6 x 50	1	-	7660704965	66261151982	
	6 x 25 x 6 x 50	1	78072753430	-	-	
	8 x 19 x 6 x 64	1	-	7660707872	66261151985	
	9.6 x 19 x 6 x 64	1	-	-	66261151990	
	10 x 19 x 6 x 64	1	-	7660717863		
	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	-	7660704969	-	
	12.7 x 25 x 6 x 70	1	-	-	66261151993	
	12 x 25 x 8 x 70	1	78072753951	-	-	
	16 x 25 x 6 x 70	1	-	7660718981	-	
<b>SHAPE A: CYLINDER WITH EXTRA LONG SHAFT</b>						
	12 x 25 x 6 x 175	1	-	7660718089	-	
<b>SHAPE B: CYLINDER WITH END CUT</b>						
	3 x 14 x 3 x 38	1	-	-	78072755352	
	6 x 19 x 6 x 50	1	-	7660717900	-	
	6 x 25 x 6 x 50	1	-	7660718401	-	
	8 x 19 x 6 x 64	1	-	-	78072755355	
	9,6 x 19 x 6 x 65	1	-	-	66261151995	
	10 x 19 x 6 x 65	1	-	7660717860		
	10 x 20 x 6 x 70	1	-	-	78072755357	
	12 x 19 x 6 x 65	1	-	7660704974	-	
	12 x 25 x 6 x 70	1	-	7660717879	66261151996	
	12 x 25 x 8 x 70	1	78072754383	-	-	
	16 x 25 x 6 x 70	1	-	66261175678	66261151997	


CARBIDE BURRS & WIRE BRUSHES













# 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	NEW! ML CUT		DC
			ML ○○○○○	FLX ○○○○○	SPDX ○○○
<b>SHAPE C: BALL NOSED CYLINDER</b>					
	3 x 14 x 3 x 38	1	-	-	78072755464
	5 x 16 x 6 x 50	1	-	66261175601	-
	6 x 18 x 6 x 50	1	-	-	66261151998
	6 x 19 x 6 x 50	1	-	7660704963	-
	6 x 25 x 6 x 50	1	-	-	78072755465
	8 x 19 x 6 x 64	1	-	7660704966	66261152002
	9.6 x 19 x 6 x 64	1	-	-	66261152003
	10 x 19 x 6 x 65	1	-	7660717859	-
	11 x 25 x 6 x 70	1	-	66261175603	78072755466
	12 x 19 x 6 x 65	1	-	7660704975	-
	12 x 25 x 6 x 70	1	78072751819	7660704970	66261152005
	12 x 25 x 8 x 70	1	78072753956	-	-
	16 x 25 x 6 x 70	1	-	7660707571	66261152049
	<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 2.8 x 3 x 38	1	-	-	78072755467*
	5 x 4.7 x 6 x 50	1	-	66261175655	-
	6 x 5.4 x 6 x 50	1	-	7660717884	66261152053*
	8 x 7 x 6 x 52	1	78072753957	-	-
	10 x 8 x 6 x 54	1	-	-	66261152058*
	10 x 9 x 6 x 53	1	78072753967	-	-
	12 x 10.8 x 8 x 55	1	-	7660717909	-
	12 x 11 x 6 x 54	1	78072753969	-	-
	16 x 14 x 6 x 59	1	78072753968*	-	-
<b>SHAPE D: BALL WITH EXTRA LONG SHAFT</b>					
	6 x 5 x 6 x 155	1	-	66261175745	-
	8 x 7.2 x 6 x 126	1	-	66261175824	-
	10 x 9 x 6 x 159	1	-	66261175746	-
	12 x 10.8 x 6 x 161	1	-	7660719180	-
	16 x 14.4 x 6 x 164	1	-	66261175814	-
<b>SHAPE E: OVAL</b>					
	6 x 10 x 6 x 50	1	-	-	78072755472
	10 x 16 x 6 x 61	1	-	-	78072755482
	12 x 20 x 6 x 65	1	78072753973	-	-
	16 x 25 x 6 x 70	1	-	-	78072755515*
<b>SHAPE F: BALL NOSED TREE</b>					
	3 x 12 x 3 x 38	1	-	-	78072755517
	6 x 16 x 6 x 50	1	78072753976	-	-
	8 x 20 x 6 x 65	1	-	-	66261152061
	9.6 x 19 x 6 x 64	1	-	-	66261152062
	10 x 19 x 6 x 65	1	-	7660717864	-
	12 x 25 x 6 x 70	1	78072751824	7660704967	-
	12.7 x 25 x 6 x 70	1	-	-	66261152063
	12 x 25 x 8 x 70	1	78072751823	-	-
	16 x 25 x 6 x 70	1	-	7660717869	66261152064

CARBIDE BURRS & WIRE BRUSHES

PRODUCT SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	PK QTY	NEW! ML CUT		
			ML ●●●●●	FLX ●●●●●	DC SPDX ●●●
<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	-	-	78072755519
	8 x 19 x 6 x 64	1	-	07660719135	66261152066*
	9.6 x 19 x 6 x 64	1	-	-	66261152067
	10 x 19 x 6 x 65	1	-	7660717881	-
	12 x 25 x 6 x 70	1	78072751825	7660717866	66261152068
	12 x 25 x 8 x 70	1	78072752402	-	-
	16 x 25 x 6 x 70	1	-	7660717891	66261152070*
	19 x 25 x 6 x 70	1	-	-	78072755514*
<b>SHAPE H: FLAME</b>					
	5 x 9.5 x 3 x 38	1	-	-	78072755522*
	8 x 19 x 6 x 64	1	78072753981	-	-
	12 x 32 x 6 x 77	1	78072753987	7660707570	-
	12 x 32 x 8 x 77	1	-	66261175696	-
	16 x 36 x 6 x 81	1	78072753991	-	-
<b>SHAPE H: FLAME WITH 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>					
	12.7 x 11 x 6 x 61	1	-	-	78072755526*
	16 x 14.5 x 6 x 60	1	-	66261175700	-
<b>SHAPE K: COUNTERSINK 90°</b>					
	12 x 6 x 6 x 56	1	-	-	78072755531
	16 x 8 x 6 x 60	1	-	66261175704	-
<b>SHAPE L: BALL NOSED CONE</b>					
	3 x 12 x 3 x 38	1	-	-	78072755535
	6 x 19 x 6 x 50	1	-	-	78072755537
	8 x 22 x 6 x 69	1	-	7660717903	-
	10 x 20 x 6 x 75	1	-	-	66261152072
	10 x 30 x 6 x 76	1	-	7660717871	-
	12 x 30 x 6 x 75	1	-	7660717872	-
	12.7 x 30 x 6 x 77	1	-	-	66261152073
	16 x 30 x 6 x 75	1	78072754385	-	-
	16 x 33 x 8 x 78	1	78072753992	-	-
	<b>SHAPE M: CONE</b>				
	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 20 x 6 x 65	1	-	-	78072755538
	12 x 22 x 6 x 70	1	78072753993	-	-
	12 x 25 x 8 x 70	1	78072753998	-	-
	12 x 25 x 6 x 70	1	78072753997	-	78072755539
	16 x 25 x 6 x 70	1	-	-	78072755540

**DIMENSION KEY:** D = Diameter    B = Width    A = Bore min    L = Wire Length

\* Made-to-order

# 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)	ART NO.	PK QTY	FLX ●●●●
---------	-------	--	---------	--------	----------

## BURRS KIT X10 DOUBLE CUT - DC



A	10 x 19 x 6 x 65	7660717863	1	66261175595
A	12 x 25 x 6 x 70	7660704969	1	
C	10 x 19 x 6 x 65	7660717859	1	
C	12 x 25 x 6 x 70	7660704970	1	
L	12 x 30 x 6 x 75	7660717872	1	
E	10 x 16 x 6 x 60	78072755482	1	
G	10 x 19 x 6 x 65	7660717881	1	
G	12 x 25 x 6 x 70	7660717866	1	
D	12 x 11 x 6 x 55	7660719180	1	
F	12 x 25 x 6 x 70	7660719180	1	

PRODUCT	SHAPE	D <sub>1</sub> x L <sub>1</sub> x D <sub>2</sub> x L <sub>2</sub> (mm)	ART NO.	PK QTY	ML ●●●●●
---------	-------	--	---------	--------	----------

## MEGA-LINE CUT 5 CARBIDE BURRS KIT



A	12 x 25 x 6 x 70	78072767843	1	78072767845
C	12 x 25 x 6 x 70	78072751819	1	
D	12 x 10,8 x 6 x 55	78072753969	1	
F	12 x 25 x 6 x 70	78072751824	1	
L	12 x 30 x 6 x 75	78072767844	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	FLX ●●●●	SPDX ●●●
---------------	--	--------	----------	----------

### 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	-
9,5 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

## RECOMMENDED OPERATING SPEEDS (RPM)

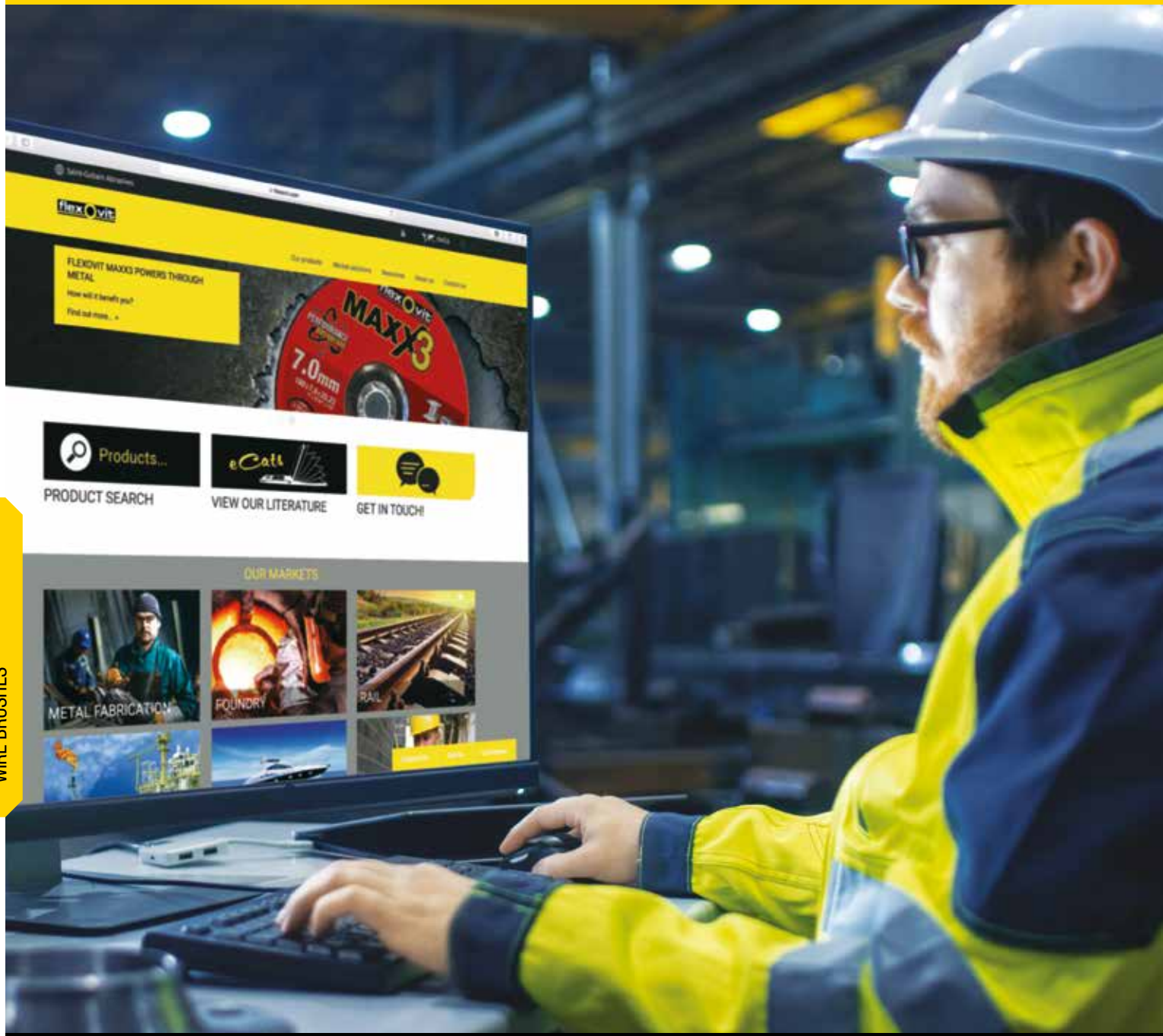
MATERIAL TYPE	PRODUCT DIAMETER				
	3mm	6mm	10mm	12mm	16mm
Steel	60000-90000	45000-60000	30000-40000	22500-30000	18000-24000
Tempered steel	60000-90000	30000-45000	19000-30000	15000-22500	12000-18000
Stainless steel	60000-90000	30000-45000	19000-30000	15000-22500	12000-18000
Casting	45000-90000	22500-60000	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 fibre	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





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# WIRE BRUSHES

FOR INDUSTRIAL APPLICATIONS

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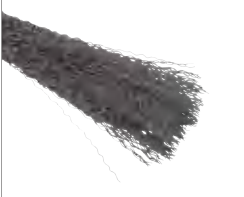

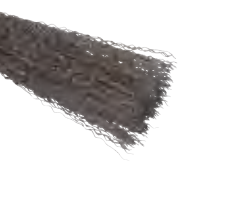

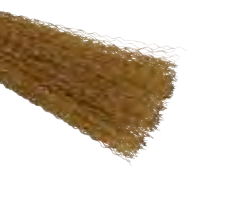


# WIRE BRUSHES









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 Steel Crimped Wire	NOSKW Steel Knotted Wire	NOSSW 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 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 and 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 workpieces. Ideal for light deburring and 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	115, 125	150	178	-
Wheel brush, crimped	100, 115	110, 115	-	-	-
Cup brush, knotted	65	65, 75	80	100	120
Cup brush, crimped	60	60, 75	80, 100	100	125, 150

#### BY APPLICATION

Highly recommended ●

APPLICATIONS	WIRE DIAMETER (mm)		
	0,30 & 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
Steel	●	●	-	-	-
Stainless steel	-	-	●	●	●



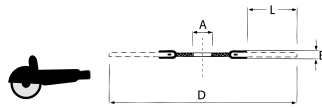
# WIRE BRUSHES

FOR ANGLE GRINDERS



- When pipe welding, residue can build on the surface that needs to be removed without affecting the underlying material. Our Pipeline wire brushes are specifically engineered for this purpose

## PIPELINE HD-HIGH PERFORMANCE TWIST KNOTTED WHEEL BRUSHES



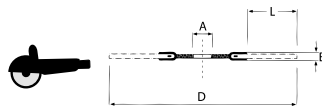
WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.50	125 x 6 T23	22.2	1	78072755544
<b>STAINLESS STEEL</b>				
0.50	125 x 6 T23	22.2	1	78072755546*

\* Made-to-order



- For brushing out welded joints and sharp corners
- Removes rust and smoothing low-grade and non-alloy steels
- Stainless steel wire for brushing, cleaning, 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.
<b>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
	178 x 48 T35	22.2	1	7660739570
<b>STAINLESS STEEL</b>				
0.50	115 x 11 T23	22.2	1	7660739580
	125 x 13 T28	22.2	1	66261071591

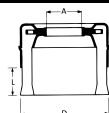
## TWIST KNOTTED WHEEL BRUSHES



WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.50	115 x 11 T23	22.2	1	78072755549*
	125 x 13 T28	22.2	1	78072755550*
<b>STAINLESS STEEL</b>				
0.50	115 x 11 T23	22.2	1	78072755551*

\* Made-to-order

## TWIST KNOTTED CUP BRUSHES



WIRE DIA (mm)	D L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.35	65 T20	M10	1	7660707289
	65 T20	M14	1	7660739507
	100 T25	M14	1	7660739510
0.50	65 T20	M14	1	7660739517
	120 T25	M14	1	7660739522
0.80	80 T25	M14	1	7660739524
	100 T25	M14	1	7660739526
<b>STAINLESS STEEL</b>				
0.50	80 T25	M14	1	7660739531
	100 T25	M14	1	7660739532



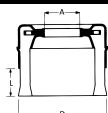
- An aggressive brush which is excellent for heavy-duty cleaning and finishing large surfaces
- Suitable for removing barnacles, paint, rust and oxidation
- Stiff, long lasting knots make light work of heavy material build-up for applications such as preparing joints for filing and scaling

## TWIST KNOTTED CUP BRUSHES



WIRE DIA (mm)	D L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.35	80 T25	M14	1	7660739508
0.50	80 T25	M14	1	7660739518
	100 T25	M14	1	7660739520
<b>STAINLESS STEEL</b>				
0.50	65 T20	M14	1	7660739530

## CRIMPED CUP BRUSHES

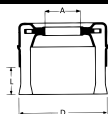


WIRE DIA (mm)	D L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.20	60 T16	M14	1	7660739534
0.35	60 T16	M14	1	7660739541
	75 T20	M14	1	66261175457
	80 T25	M14	1	66261175417
	125 T35	M14	1	66261175421
0.50	80 T25	M14	1	7660739550
<b>STAINLESS STEEL</b>				
0.35	60 T16	M14	1	7660739552
	80 T25	M14	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

## CRIMPED CUP BRUSHES



WIRE DIA (mm)	D L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.30	100 0	M14	1	7660739544



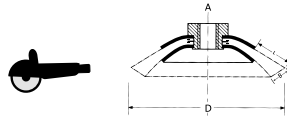
# WIRE BRUSHES

## FOR ANGLE GRINDERS



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

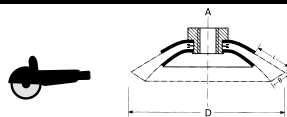
### TWIST KNOTTED BEVEL BRUSHES



WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.50	100 x 12 T20	M14	1	7660739564
<b>STAINLESS STEEL</b>				
0.50	100 x 12 T20	M14	1	7660739560
	115 x 15 T27.5	M14	1	7660739561



### TWIST KNOTTED BEVEL BRUSHES

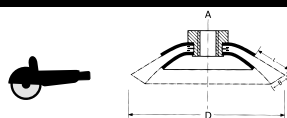


WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.50	115 x 15 T27.5	M14	1	7660739572



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

### CRIMPED BEVEL BRUSHES



WIRE DIA (mm)	DxB L (mm)	BORE A (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.30	100 x 12 T20	M14	1	7660739361
	115 x 15 T20	M14	1	7660739362





# WIRE BRUSHES

## FOR END GRINDERS, STRAIGHT GRINDERS AND 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 ●

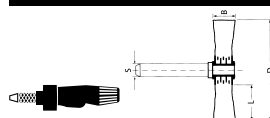
APPLICATIONS	WIRE DIAMETER (mm)			
	0,20	0,30	0,35	0,5
Roughening	-	-	●	●
Planing	●	●	●	-
Deburring	●	●	●	●
Edge honing	●	●	●	-
Descaling/paint stripping	-	●	●	●
Weld seams	●	●	●	-

#### BY TYPE & MATERIAL

Highly recommended ●

PRODUCT AVAILABILITY ON:	STEEL	CARBON STEEL	STAINLESS STEEL	NON-FERROUS METAL	ALUMINIUM	SOFTWOOD	HARDWOOD
Steel	●	●	-	-	-	●	●
Stainless steel	-	-	●	●	●	-	-
Brass wire (no spark)	-	-	-	●	-	●	-

### TWIST KNOTTED WITH SHANK



WIRE DIA (mm)	DxB L (mm)	SHANK (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.35	70 x 15 T15	6	12	7660739299



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



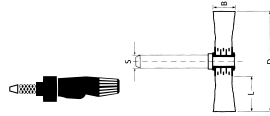
# WIRE BRUSHES

## FOR ANGLE GRINDERS



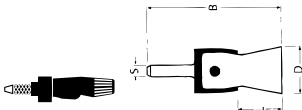
- Circular shape for hard-to-reach areas including edges and corners
- For removal of light rust, corrosion, paint and primer
- Thicker wire diameter provides more aggressive cleaning
- For less aggressive applications, choose a thinner wire
- 6mm shank fits most brands of hand drills

### CRIMPED WITH SHANK



WIRE DIA (mm)	DxB L (mm)	SHANK (mm)	PK QTY	ART NO.
<b>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
	60 x 15 T17.5	6	10	7660739291
	70 x 10 T19	6	10	7660739292
	70 x 15 T19	6	10	7660739293
	80 x 20 T19	6	10	7660739294
0.30	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
	60 x 15 T17.5	6	10	7660739318
	70 x 10 T19	6	10	7660739319
	70 x 15 T19	6	10	7660739320
	80 x 20 T19	6	10	7660739321
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 WIRE (NO SPARK)</b>				
0.20	40 x 9 T9	6	10	7660739330
	50 x 15 T12.5	6	10	7660739331
	70 x 15 T19	6	10	7660739333

**TWIST KNOTTED END BRUSHES ON SHANK (ENB)**

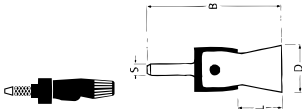


WIRE DIA (mm)	DxBxA L (mm)	SHANK (mm)	PK QTY	ART NO.
<b>STEEL</b>				
0.35	19 x 68 T28	6	12	7660739356
	22 x 68 T28	6	12	7660739357
0.50	28 x 68 T28	6	12	7660739358



- 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

**CRIMPED END BRUSHES ON SHANK (ENB)**



WIRE DIA (mm)	DxBxA L (mm)	SHANK (mm)	PK QTY	ART NO.
<b>STEEL</b>				
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
<b>BRASS CRIMPED</b>				
0.30	24 x 68 T28	6	12	7660739351



- 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

CARBIDE BURRS & WIRE BRUSHES





# 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 and a complete set of plastic reducing rings.

## PRODUCT SELECTION GUIDE

### BY APPLICATION

Highly recommended ●

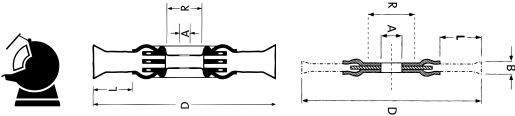
APPLICATIONS	WIRE DIAMETER (mm)	
	0,30	0,50
Roughing	-	●
Surface preparation	●	-
Edge honing	●	-
Descaling/paint stripping	●	●
Weld seams	●	●

### BY TYPE & MATERIAL

Highly recommended ●

PRODUCT AVAILABILITY ON:	STEEL	CARBON STEEL	STAINLESS STEEL	NON-FERROUS METAL	ALUMINIUM	SOFTWOOD	HARDWOOD
Steel	●	●	-	-	-	●	●
Stainless steel	-	-	●	●	●	-	-
Brass wire	-	-	-	●	-	●	-

## CRIMPED WHEEL BRUSHES



WIRE DIA (mm)	DxBxR L (mm)	BORE A (mm)	# ROWS (mm)	PK QTY	ART NO.
<b>STEEL</b>					
0.30	100 x 11 x 20 T22	12	1R	1	7660739390
	125 x 11 x 20 T34	12	1R	1	7660739391
	100 x 20 x 30 T24	20	2R	1	7660739397
	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
0.50	200 x 26 x 80 T40	32	2R	1	7660739406
<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
	200 x 26 x 80 T40	32	2R	1	7660739414



- For removing corrosion, rust, hardened paints and hard adhesive residues
- Crimped wire removes light rust, corrosion, paint and 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

CARBIDE BURRS & WIRE BRUSHES

### 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

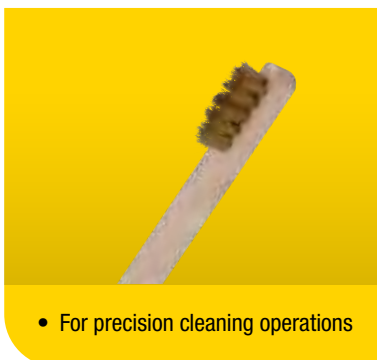
Highly recommended ●

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

#### BY TYPE & MATERIAL

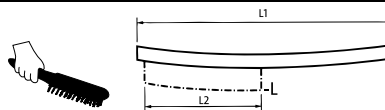
Highly recommended ●

PRODUCT AVAILABILITY ON:	STEEL	CARBON STEEL	STAINLESS STEEL	NON-FERROUS METAL	ALUMINIUM	SOFTWOOD	HARDWOOD
Steel	●	●	-	-	-	●	●
Stainless steel	-	-	●	●	●	-	-
Brass wire (no spark)	-	-	-	●	-	●	-



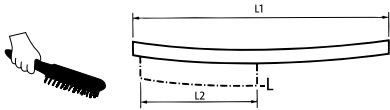
- For precision cleaning operations

### WOOD HANDLE CRIMPED WIRE



WIRE DIA (mm)	L1xL2xL (mm)	# ROWS	PK QTY	ART NO.
<b>BRASS WIRE (NO SPARK)</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

## BRUSHES WITH HANDLE



WIRE DIA (mm)	L1xL2xL (mm)	# ROWS	PK QTY	ART NO.
<b>STEEL</b>				
<b>WOOD HANDLE STRAIGHT WIRE</b>				
0.30	290 x 140 x 25	2R	12	7660739477
<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
<b>WOOD HANDLE CRIMPED WIRE</b>				
0.30	290 x 140 x 25	2R	12	7660739489
	290 x 140 x 25	3R	12	7660739490
	290 x 140 x 25	5R	12	7660739488
<b>PLASTIC HAND CRIMPED WIRE</b>				
0.30	265 x 140 x 25	1R	6	7660739483
<b>BRASS WIRE (NO SPARK)</b>				
<b>WOOD HANDLE CRIMPED WIRE</b>				
0.30	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



- 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

CARBIDE BURRS & WIRE BRUSHES

## BRUSHES WITH HANDLE



WIRE DIA (mm)	L1xL2xL (mm)	# ROWS	PK QTY	ART NO.
<b>STEEL</b>				
<b>WOOD HANDLE STRAIGHT WIRE</b>				
	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>STAINLESS STEEL</b>				
<b>WOOD HANDLE STRAIGHT WIRE</b>				
0.30	290 x 140 x 25	3R	12	7660739486
	290 x 140 x 25	4R	12	7660739487

## HANDLE & BROOM STEELWIRE



BxD L (mm)	# ROWS	PK QTY	ART NO.
<b>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

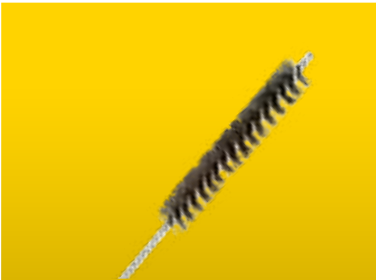


- For heavy-duty scrubbing operations on large and irregular surfaces



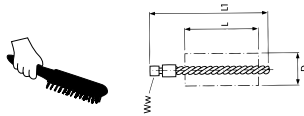
# PIPE BRUSHES WITH HANDLE

CARBIDE BURRS &  
WIRE BRUSHES



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

## PIPE BRUSHES WITH HANDLE



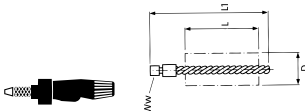
WIRE DIA (mm)	DxLxL1 (mm)	PK QTY	ART NO.
<b>CRIMPED WIRE</b>			
<b>STEEL</b>			
0.10	6 x 100 x 300	20	7660739442
	10 x 100 x 300	20	7660739449
	12 x 100 x 300	20	7660739450
	15 x 100 x 300	20	7660739451
	18 x 100 x 300	20	7660739454
0.20	20 x 100 x 300	20	7660739452
	25 x 100 x 300	20	7660739453
<b>BRASS WIRE (NO SPARK)</b>			
0.10	10 x 100 x 300	20	7660739457
	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>NYLON WIRE</b>			
0.20	6 x 100 x 300	20	7660739463
	10 x 100 x 300	20	7660739465
	15 x 100 x 300	20	7660739467
0.25	20 x 100 x 300	20	7660739468
	25 x 100 x 300	20	7660739469



# PIPE BRUSHES

## WITH SHANK

### PIPE BRUSHES WITH SHANK



WIRE DIA (mm)	DxLxL1 (mm)	SHANK / W/W	PK QTY	ART NO.
<b>CRIMPED WIRE</b>				
<b>STEEL</b>				
0.25	10 x 90 x 140	M6	10	78072755653*
	16 x 90 x 140	M6	10	78072755658*
	20 x 90 x 140	M6	10	78072755659
0.40	25x120x190	M6	10	78072755660
	25x120x190	W1/2	10	78072755661
	30x120x190	W1/2	10	78072755662*
	40x120x190	W1/2	10	78072755663
	45x120x190	W1/2	10	78072755664
	50x120x190	W1/2	10	78072755666
	80x120x190	W1/2	10	78072755669*

\* Made-to-order



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

CARBIDE BURRS & WIRE BRUSHES





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

CARBIDE BURRS &  
WIRE BRUSHES



## DIAMOND BLADES

FOR INDUSTRIAL APPLICATIONS

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# UNDERSTANDING THE PRODUCT



## 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 three 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.

DIAMOND BLADES



# 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	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	IND. LINE SILENT
	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
	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

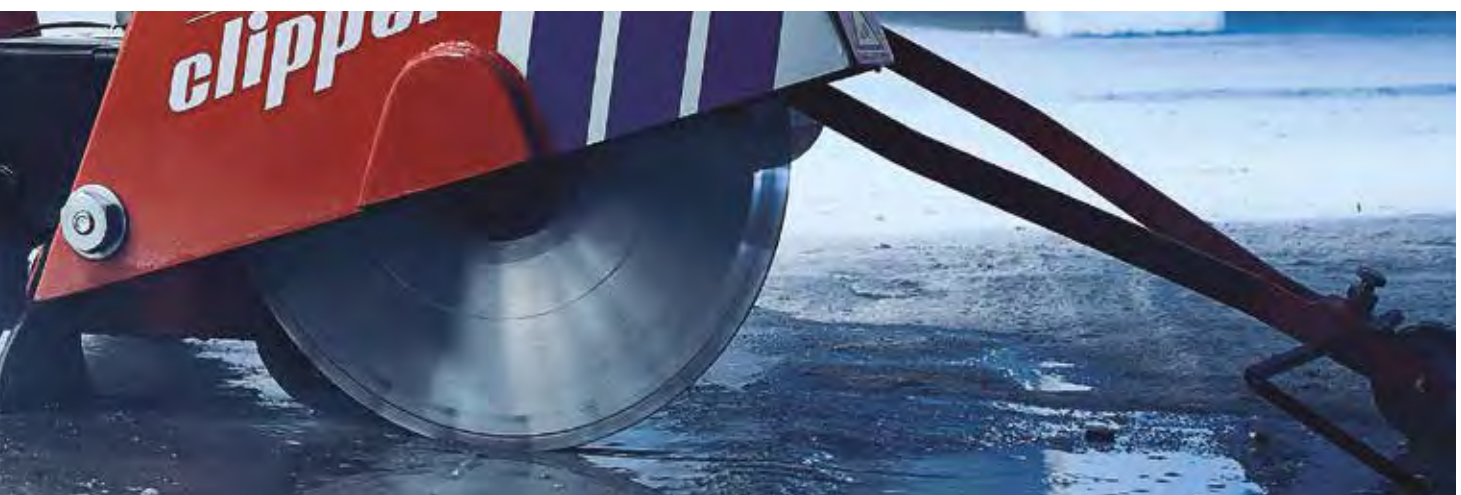


Highly recommended ●  
 Recommended ◐  
 Occasional use ○



IND. LINE LASER TURBO GRANIT	IND. LINE LASER GP	SPEEDOFLEX LASER GP	SPEEDOFLEX UNI	IND. LINE CG-Z	IND. LINE MR	IND. LINE PRO SURF	IND. LINE CUT'N'GRIND	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

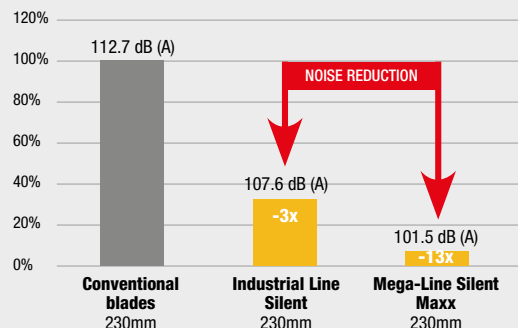


# PRODUCT INNOVATIONS

## 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 179 & 181 FOR PRODUCT DETAILS**

### iHD™ TECHNOLOGY INFILTRATED HIGH DENSITY DIAMOND BLADES



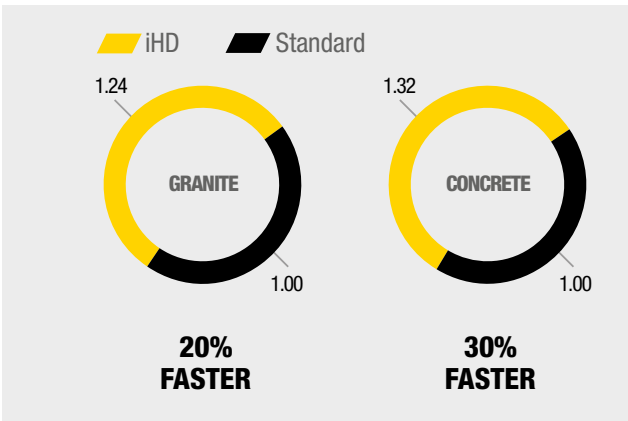
Flexovit Infiltrated High Density technology (iHD) combined with its patented diamond blades laser-welding process, is the biggest breakthrough in diamond tools this century. Through many years of research and development this revolutionary process offers our customers with unrivalled performance, increased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

Infiltration achieves uniform density across each 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.

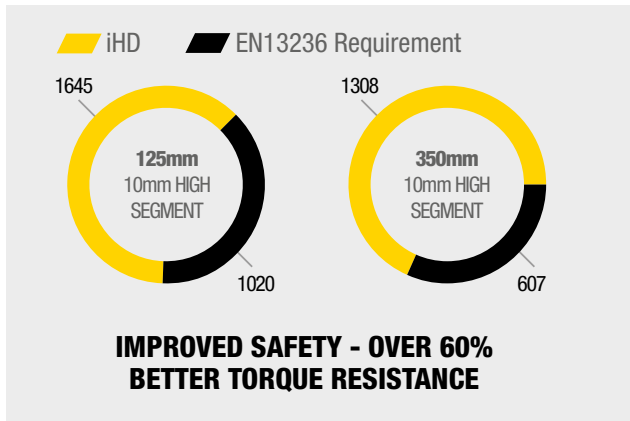
The diamond grit is an integral part of the segment structure. During the patented process a special bond impregnates the core structure and binds the diamond grit into the segment. This ensures optimum use of the diamond grit, giving the diamond tools a longer life.

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

#### RELATIVE SPEED COMPARISON



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



DIAMOND BLADES





# DIAMOND TOOLS FOR CONCRETE & REINFORCED CONCRETE

## THE SILENT DIAMOND BLADE



### MEGA-LINE SILENT MAXX



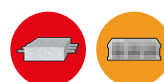
- Patented diamond blade that offers noise reduction of up to 13x on a 230mm blade compared to a conventional blade
- Excellent cutting performance on concrete, reinforced concrete and hard materials
- Laser welded iHD™ segments
- Reduced vibration when in use for improved comfort and cut
- Up to 17mm 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.
FOR WET & DRY USE					
	230	22.23	17/2.8	1	70184601169
	230	22.23 + flange	17/2.8	1	70184602126*

\* Made-to-order



DIAMOND  
BLADES

## INDUSTRIAL LINE SILENT



- Noise reducing blade that's up to three times 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.
	230	22.23	12/2.6	1	70184603113



FOR WET & DRY USE







FOR WET &amp; DRY USE


**LASER** **HD**

## MEGA-LINE LASER MP+

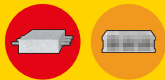


- Excellent performance on concrete, reinforced concrete and building materials thanks to a high density and more even distribution of diamond grain through the segment
- Specially designed segment side for reduced friction and faster cut
- Laser welded iHD™ segments for higher torque resistance and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

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	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



FOR WET &amp; DRY USE


**LASER**

## 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.
	125	22.23	12/2.2	1	70184628402
	230	22.23	12/2.5	1	70184623440



FOR WET &amp; DRY USE


**LASER**

## 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.
	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



FOR WET &amp; DRY USE



## INDUSTRIAL LINE DUCTIL



- Multi-material vacuum braided blade
- For cutting roof shingles, PVC, fibreglass reinforced resin, ductile iron, metal and building materials

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	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 and straight cut

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	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 and straight cut

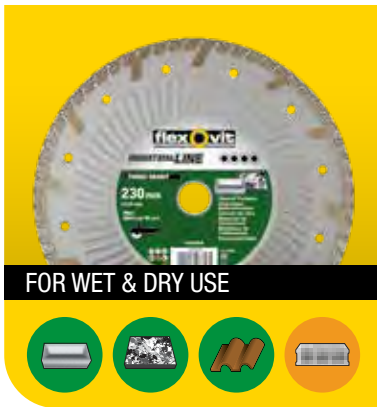
MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	125	22.23	12/2.1	1	70184694606
	230	22.23	12/2.8	1	70184694607



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.
	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

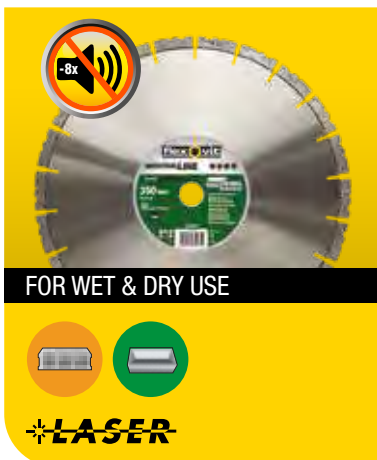


## SPEEDOFLEX TURBO



- 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.
	115	22.23	10/2	1	70184623377
	125	22.23	10/2	1	70184623378
	230	22.23	10/2.5	1	70184623380



## INDUSTRIAL LINE SILENT



- Noise reducing blade cuts up to eight times 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.
	350	25.4	12/3.1	1	70184603114*

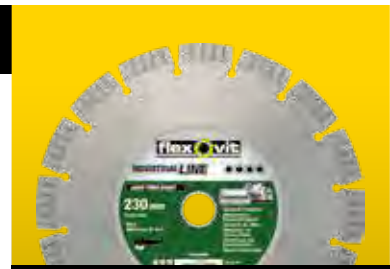
\* Made-to-order

## 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.
	115	22.23	12/2.2	1	70184626156
	125	22.23	12/2.2	1	70184626157
	230	22.23	15/2.6	1	70184626160
	350	25.4	12/3.2	1	70184626163
	400	25.4	12/3.2	1	70184628248



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.
	115	22.23	10/2.2	1	70184626410
	125	22.23	10/2.2	1	70184626411
	150	22.23	10/2.2	1	70184626412
	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.
	125	22.23	7/2.2	1	70184623388
	230	22.23	7/2.5	1	70184623389



FOR WET & DRY USE



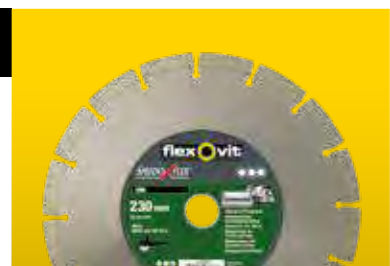
**LASER**

## SPEEDOFLEX UNI



- Cost-effective diamond blade for building materials

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	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  
BLADES





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

### DIAMOND BLADES

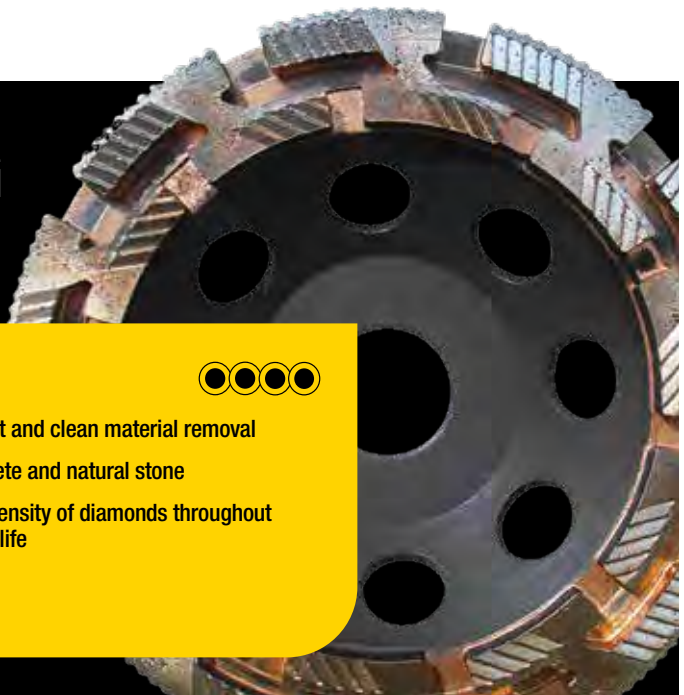
# SELF-SHARPENING GRINDING WHEEL

## INDUSTRIAL LINE CG-Z

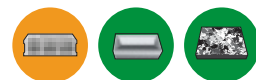


- Diamond grinding wheel with double rim segments for fast and clean material removal
- Ideal for removing material from building materials, concrete and natural stone
- Manufactured using iHD™ technology ensuring uniform density of diamonds throughout each segment to remove more material, faster and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

**FOR WET & DRY USE**




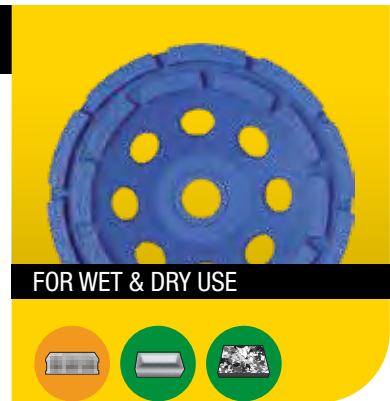
MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	125	22.23	-	1	70184694211
	180	22.23	-	1	70184602680



## 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.
	100	22.23/16	-	1	70184622076
	125	22.23/16	-	1	70184622077



## 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.
	125	M14	-	1	70184644107



## 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

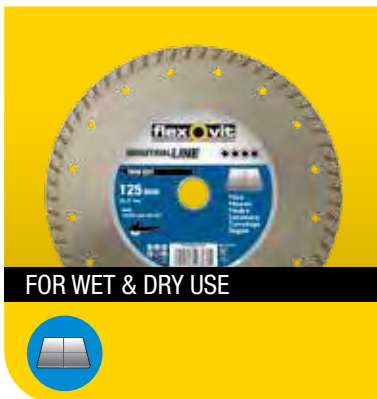
MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	125	M14	-	1	70184645222



DIAMOND  
BLADES



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



### 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.
	115	22.23	8/1.7	1	70184623420
	125	22.23	8/1.7	1	70184623421



## 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.
	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.
	115	22.23	5/1.7	1	70184623390
	125	22.23	5/1.7	1	70184623391



FOR WET & DRY USE



## NEW VB DRY Flexo

- Connection: M14 for fitting directly onto angle grinders
- Vacuum-brazed diamond drills designed for dry-drilling of hard ceramic tiles and natural stones

DESCRIPTION	QTY	ART NO.
Suitcase pack containing dia. 6/8/10/12/35/45/68 + centering device	1	70184631989



DIAMOND  
BLADES





## 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 to mount onto the machine (for blades up to 450mm)

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	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



## 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 to mount onto the machine
- Laser welded blade for higher torque resistance and improved safety

MACHINE	DIA (mm)	BORE (mm)	SEGMENT H/W	QTY	ART NO.
	125	22.23	10/2.2	1	70184603322
	230	22.23	10/2.5	1	70184602129
	300	25.4/20	12/2.8	1	70184647256
	350	20	12/3	1	70184694653
	350	25.4	12/3	1	70184647257
	400	25.4	12/3.2	1	70184603215



FOR WET & DRY USE



**LASER**

### NEW MULTI-MATERIALS CARBIDE



- Fast cutting angle grinder blades with electroplated carbide teeth, a great choice for all types of wood (with or without nails), plastic, PVC, and plaster.

MACHINE	DIA (mm)	BORE (mm)	QTY	ART NO.
	76	10	1	70184631912
	125	22.22	1	70184631496



FOR DRY USE



### 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.
	25.4/22.23	20	1	70184624549
	25.4	22.23	1	70184624550



DIAMOND  
BLADES

# 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 the 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

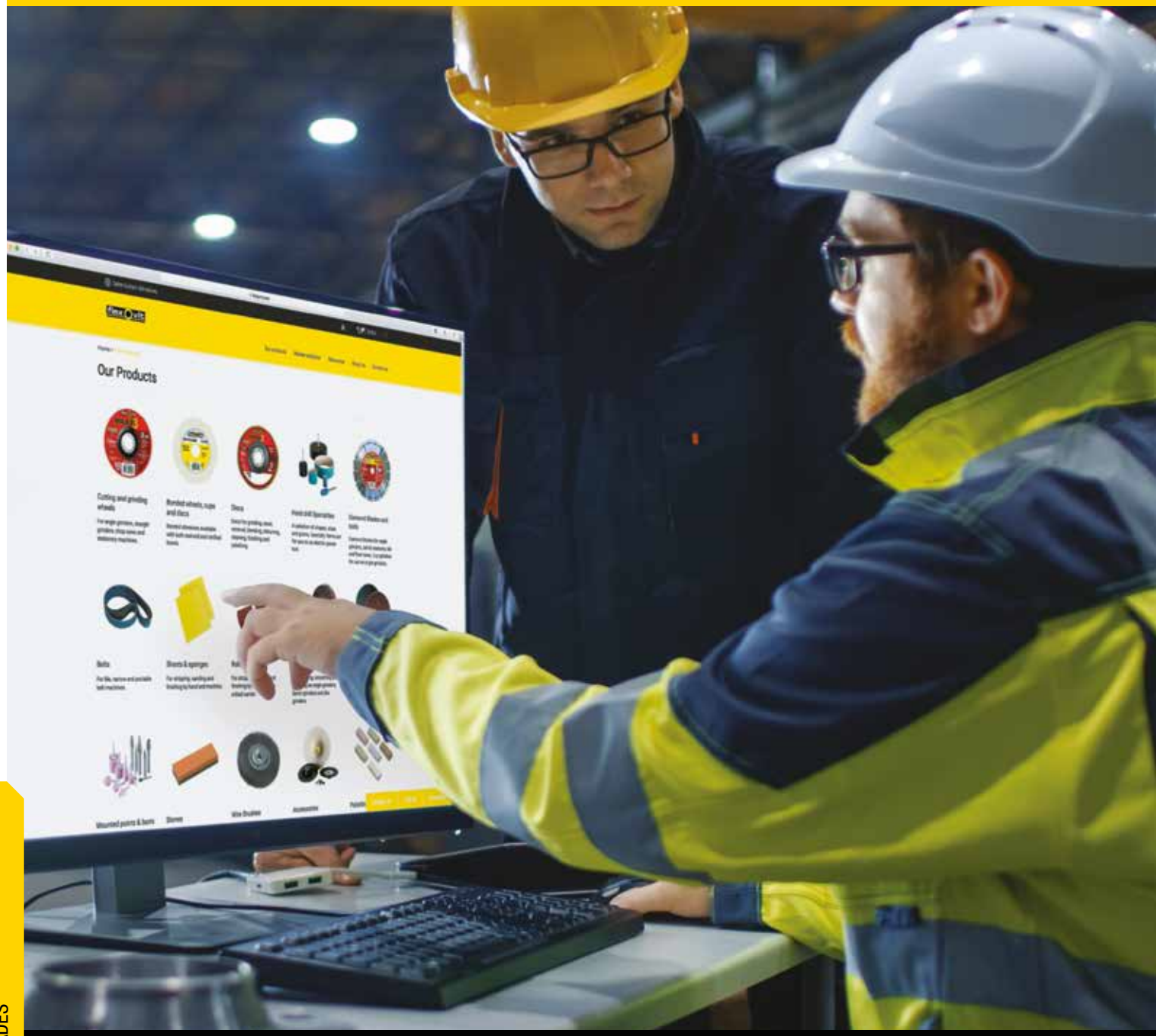
# MAX OPERATING SPEED

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





**flexovit**

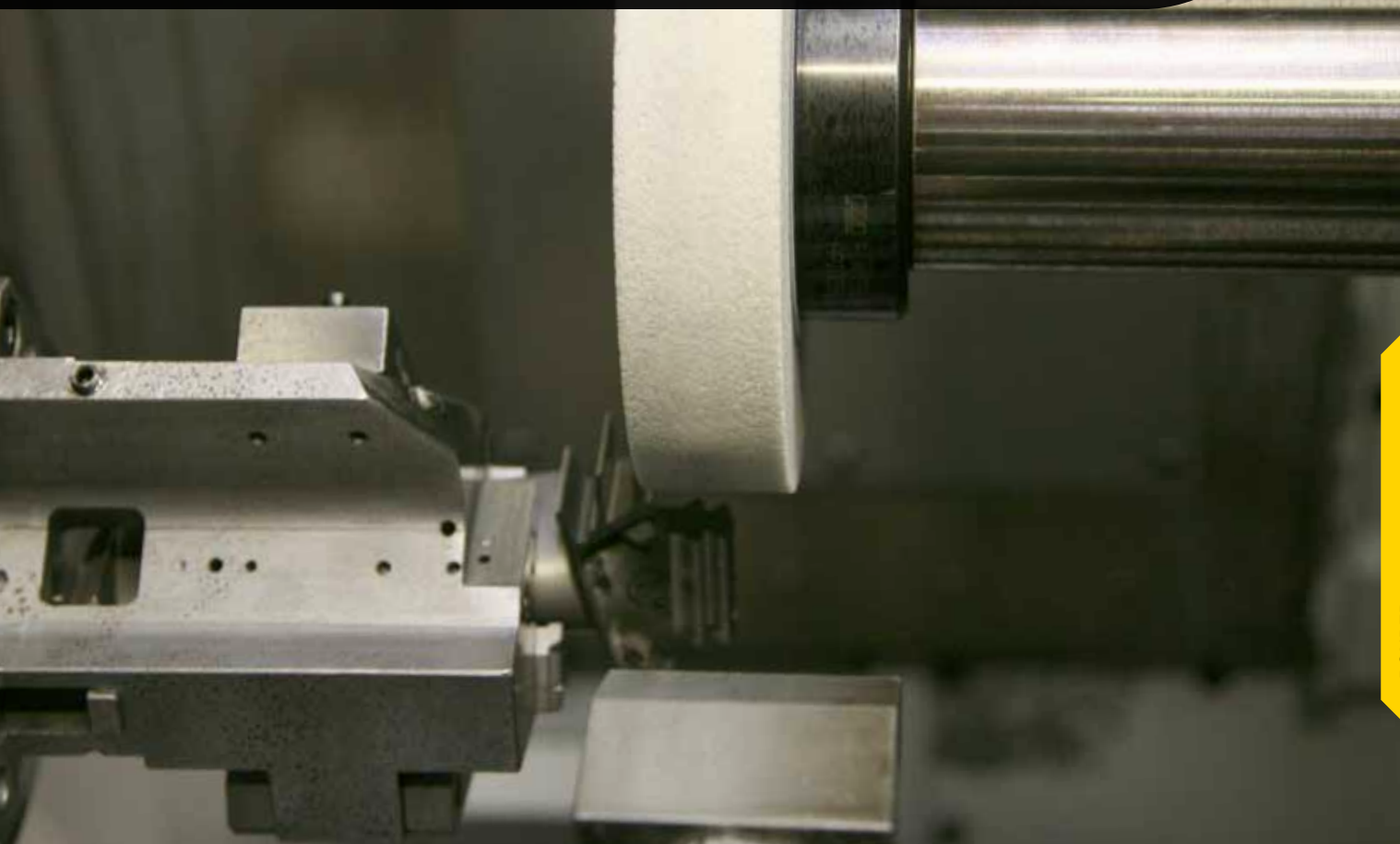
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OUR EXPERTS AT:**

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

# BONDED ABRASIVES

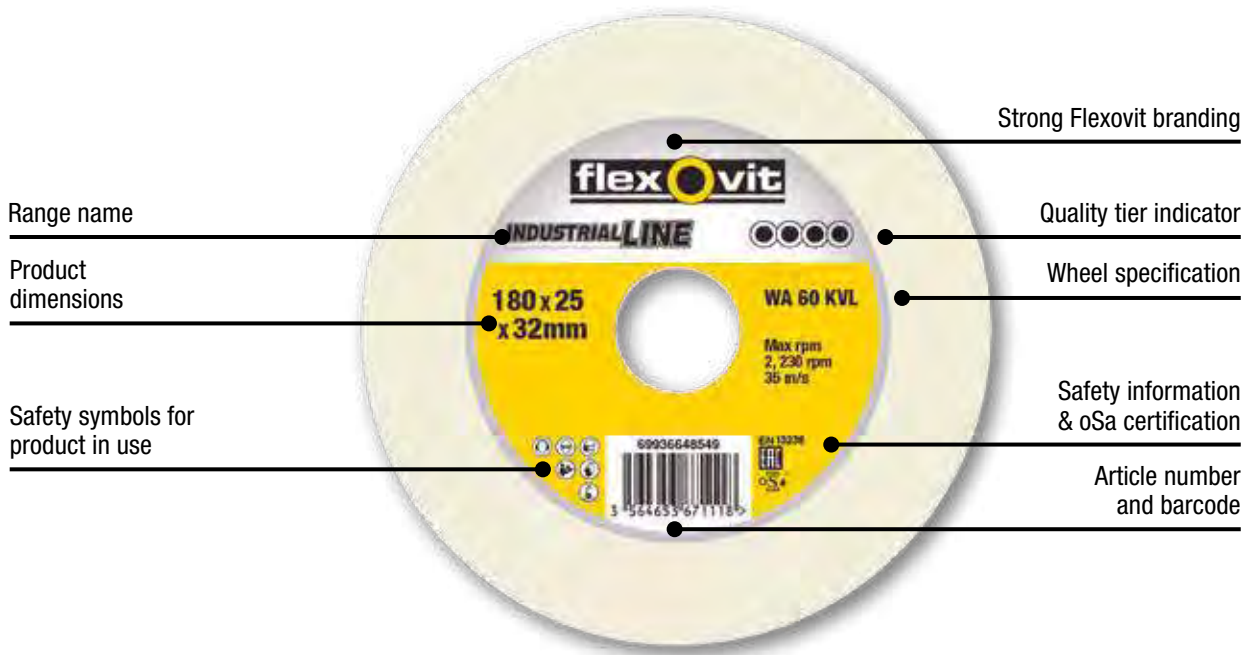
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# UNDERSTANDING THE PRODUCT

## TECHNICAL INFORMATION



- Strong Flexovit branding
- Quality tier indicator
- Wheel specification
- Safety information & oSa certification
- Article number and barcode
- Range name
- Product dimensions
- Safety symbols for product in use

## 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 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.
20 x 10	1	7660717524
20 x 12	1	7660717525
20 x 12.7	1	7660717526
20 x 13	1	7660717527
20 x 14	1	7660717528
20 x 15	1	7660717529
20 x 16	1	7660717530

SPECIFICATION (mm)	PK QTY	ART NO.
20 x 17	1	7660717531
20 x 18	1	7660717532
25 x 20	1	7660717535
32 x 15.88	1	7660717536
32 x 20	1	7660717538
32 x 25	1	7660717540
32 x 25.4	1	7660717541

# BONDED ABRASIVE

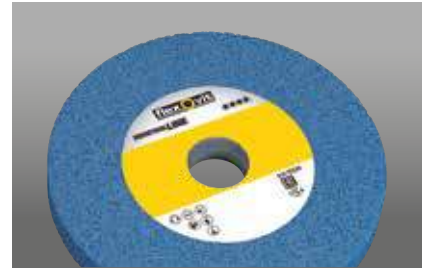
## WHEEL SPECIFICATIONS



### 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 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



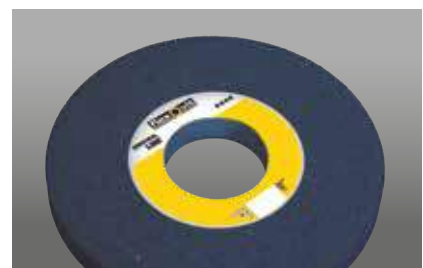
This is a particularly tough form of aluminium oxide due to the presence of 3% of titanium oxide in the abrasive. Fired at low temperature the abrasive retains its natural brown colour. Fired at high temperature further oxidation of the titanium oxide takes place which changes the normal brown colour 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 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 break down 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.















# GRINDING WHEELS




















## PLAIN AND RECESSED WHEELS

SHAPE 01  SHAPE 05  SHAPE 07  SHAPE 12 

### GRAIN COLOUR CODE

 WA	 C	 A
 41A	 GC	 48A
 48A	 73A	

### PLAIN WHEELS

DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE	MAIN USAGE(S)	
90 x 40 x 22.23	Diablo		C	16	RVK	35 7430	5	66243548878	3157625634541	Wheel dresser
125 x 20 x 32	01		WA	60	KVL	35 5348	2	69936648512	3564653669610	Tool & cutter
150 x 6 x 32	01		WA	80	KVL	35 4460	2	69936648525	3564653670357	Tool & cutter
150 x 6 x 31.75	01		WA	100	KVL	35 4460	2	66243548490	3157625632837	Tool & cutter
150 x 13 x 31.75	01		WA	46	KVL	35 4460	2	66243548445	3157625632547	Tool & cutter
150 x 13 x 31.75	01		WA	60	KVL	35 4460	2	66243548446	3157625632554	Tool & cutter
150 x 20 x 32	01		73A	60	IVL	35 4460	2	69936648619	3564653678858	Tool & cutter
150 x 20 x 32	01		WA	60	KVL	35 4460	2	69936676902	3564656215043	Tool & cutter
150 x 20 x 32	01		WA	80	KVL	35 4460	2	69936648540	3564653670807	Tool & cutter
150 x 20 x 32	01		A	36	MVM	35 4460	2	69936676891	3564656214886	Bench Wheel
150 x 20 x 32	01		A	46	MVM	35 4460	2	69936676892	3564656214893	Bench Wheel
150 x 20 x 31.75	01		A	60	MVM	35 4460	2	66243578678	3157625635098	Bench Wheel
150 x 20 x 32	01		A	60	MVM	35 4460	2	66243578437	3157625634596	Bench Wheel
150 x 20 x 31.75	01		GC	60	JVK	35 4460	2	66243548487	3157625632806	Carbide tool Offhand
150 x 20 x 32	01		GC	60	JVK	35 4460	2	69936676914	3564656215401	Carbide tool Offhand
150 x 20 x 31.75	01		GC	80	JVK	35 4460	2	66243578674	3157625635074	Carbide tool Offhand
150 x 20 x 32	01		GC	80	JVK	35 4460	2	69936676915	3564656215425	Carbide tool Offhand
150 x 20 x 31.75	01		GC	100	IVK	35 4460	2	66243578670	3157625635036	Tool & cutter Carbide tool
150 x 20 x 32	01		GC	120	JVK	35 4460	2	69936676917	3564656215456	Tool & cutter Carbide tool
150 x 25 x 31.75	01		WA	60	KVL	35 4460	2	66243578684	3157625635135	Tool & cutter
150 x 25 x 32	01		WA	60	KVL	35 4460	2	69936648543	3564653670890	Tool & cutter
150 x 25 x 31.75	01		A	46	MVM	35 4460	2	66243578683	3157625635128	Bench Wheel

Dimensions Key: D = Diameter, T = Thickness, B = Bore, W = Width, H = Height, L = Length, S = Spindle, Th = Thread

# GRINDING WHEELS

## PLAIN AND RECESSED WHEELS

### GRAIN COLOUR CODE

WA	C	A
41A	GC	48A
48A	73A	

DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE	MAIN USAGE(S)	
150 x 25 x 31.75	01	■	A	60	MVM	35 4460	2	66243578700	3157625635241	Bench Wheel
150 x 25 x 32	01	■	A	60	MVM	35 4460	2	66243578527	3157625634619	Bench Wheel
150 x 25 x 32	01	■	GC	80	KVK	35 4460	2	69936648843	3564653791717	Tool & cutter
150 x 40 x 15 Recess 70 x 20	05	■	WA	100	JVL	35 4460	2	66243538686	8711479196768	Tool & cutter
150 x 40 x 32 Recess 80 x 20	05	■	WA	80	KVL	35 4460	2	66243538695	8711479197031	Tool & cutter
180 x 6 x 31.75	01	■	WA	60	KVL	35 3710	2	66243548669	3157625633735	Optical profile Surface
180 x 6 x 31.75	01	■	WA	80	KVL	35 3710	2	66243548666	3157625633711	Optical profile Surface
180 x 6 x 31.75	01	■	WA	100	KVL	35 3710	2	66243548671	3157625633759	Optical profile Surface
180 x 6 x 31.75	01	■	WA	150	KVL	35 3710	2	66243548668	3157625633728	Optical profile Surface
180 x 13 x 31.75	01	■	73A	46	IVL	35 3710	2	66243548639	3157625633537	Surface
180 x 13 x 31.75	01	■	73A	60	JVL	35 3710	2	66243548657	3157625633667	Surface
180 x 13 x 31.75	01	■	41A	60	JVM	35 3710	2	69936621778	3157625641655	Surface
180 x 13 x 31.75	01	■	WA	46	JVL	35 3710	2	69936621762	3157625641594	Surface
180 x 13 x 31.75	01	■	WA	46	KVL	35 3710	2	66243548507	3157625632943	Surface
180 x 13 x 31.75	01	■	WA	60	KVL	35 3710	2	66243548505	3157625632929	Surface
180 x 13 x 31.75	01	■	WA	80	KVL	35 3710	2	66243548501	3157625632905	Surface
180 x 13 x 31.75	01	■	WA	100	KVL	35 3710	2	66243548632	3157625633476	Surface
180 x 13 x 31.75	01	■	GC	60	JVK	35 3710	2	66243548502	3157625632912	Carbide tool Surface
180 x 20 x 31.75	01	■	WA	46	KVL	35 3710	2	66243578710	3157625635326	Surface
180 x 20 x 31.75	01	■	WA	60	KVL	35 3710	2	66243578707	3157625635302	Surface
180 x 25 x 32	01	■	WA	60	KVL	35 3710	2	69936648549	3564653671118	Surface
180 x 25 x 31.75 Recess 105 x 12	05	■	WA	60	KVL	35 3710	2	66243528426	3157625631519	Surface
200 x 13 x 31.75	01	■	WA	46	KVL	35 3340	2	69936621840	3157625641686	Surface
200 x 13 x 31.75	01	■	WA	60	KVL	35 3340	2	66243548677	3157625633803	Surface
200 x 13 x 31.75	01	■	WA	80	KVL	35 3340	2	66243548420	3157625632394	Surface
200 x 20 x 31.75	01	■	WA	46	KVL	35 3340	2	66243578650	3157625634848	Surface
200 x 20 x 31.75	01	■	WA	60	KVL	35 3340	2	66243578655	3157625634893	Surface
200 x 20 x 32	01	■	A	46	MVM	35 3340	2	66243578533	3157625634657	Bench Wheel
200 x 20 x 31.75	01	■	A	60	MVM	35 3340	2	66243578663	3157625634985	Bench Wheel
200 x 20 x 32	01	■	A	60	MVM	35 3340	2	66243578536	3157625634671	Bench Wheel
200 x 20 x 31.75	01	■	GC	60	JVK	35 3340	2	66243578653	3157625634879	Carbide tool Offhand
200 x 20 x 32	01	■	GC	80	JVL	35 3340	2	66243578534	3157625634664	Carbide tool Offhand
200 x 20 x 32	01	■	GC	120	KVK	35 3340	2	69936696265	3564656215555	Surface Carbide tool
200 x 25 x 20	01	■	WA	60	KVL	35 3340	2	66243545528	3157625632134	Surface
200 x 25 x 20	01	■	A	36	MVM	35 3340	2	66243545527	3157625632127	Bench Wheel
200 x 25 x 20	01	■	GC	80	JVK	35 3340	2	66243545525	3157625632103	Carbide tool Offhand
200 x 25 x 31.75	01	■	WA	46	KVL	35 3340	2	66243578692	3157625635173	Surface
200 x 25 x 31.75	01	■	WA	60	KVL	35 3340	2	66243578706	3157625635296	Surface
200 x 25 x 31.75 Recess 105 x 12	05	■	WA	60	KVL	35 3340	2	69936626150	3157625643055	Surface
200 x 25 x 32	01	■	WA	60	MVL	35 3340	2	69936676912	3564656215326	Tool sharpening
200 x 25 x 32	01	■	A	46	LVM	35 3340	2	69936676899	3564656214992	Tool sharpening
200 x 25 x 32	01	■	A	60	KVM	35 3340	2	69936648563	3564653671668	Surface
200 x 25 x 32	01	■	A	30	OVM	35 3340	2	69936648672	3564653696227	Bench Wheel
200 x 25 x 31.75	01	■	A	30	PVM	35 3340	2	66243528411	3157625631403	Bench Wheel
200 x 25 x 31.75	01	■	A	46	MVM	35 3340	2	66243528421	3157625631472	Bench Wheel
200 x 25 x 31.75	01	■	A	60	MVM	35 3340	2	66243578685	3157625635142	Bench Wheel



























BONDED  
ABRASIVES

# GRINDING WHEELS

## PLAIN AND RECESSED WHEELS

### GRAIN COLOUR CODE

 WA	 C	 A
 41A	 GC	 48A
 48A	 73A	

DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE	MAIN USAGE(S)	
200 x 25 x 31.75	01		GC	60	JVK	35 3340	2	66243578701	3157625635258	Carbide tool Offhand
200 x 25 x 32	01		GC	60	JVK	35 3340	2	69936676919	3564656215562	Carbide tool Offhand
200 x 25 x 31.75	01		GC	80	JVK	35 3340	2	66243578697	3157625635227	Carbide tool Offhand
200 x 25 x 32	01		GC	80	JVK	35 3340	2	69936676920	3564656215579	Carbide tool Offhand
200 x 25 x 31.75	01		GC	100	JVK	35 3340	2	69936621892	3157625641747	Surface Carbide tool
200 x 25 x 32	01		GC	120	JVL	35 3340	2	66243578537	3157625634688	Surface Carbide tool
200 x 25 x 50.8	01		WA	60	KVL	35 3340	2	66243528422	3157625631489	Surface
200 x 32 x 32	01		WA	60	KVL	35 3340	2	69936648569	3564653671798	Surface
200 x 32 x 32	01		WA	80	KVL	35 3340	2	66243578552	3157625634725	Surface
200 x 32 x 32	01		A	36	MVM	35 3340	2	66243578555	3157625634749	Bench Wheel
200 x 32 x 32	01		A	60	MVM	35 3340	2	66243578554	3157625634732	Bench Wheel
200 x 32 x 32	01		GC	80	JVK	35 3340	2	66243578551	3157625634718	Carbide tool Offhand
200 x 32 x 51	01		GC	80	JVK	35 3340	2	66243578557	3157625634756	Carbide tool Offhand
250 x 13 x 76.2	01		WA	60	KVL	35 2670	1	66243548451	3157625632592	Cylindrical Surface
250 x 25 x 31.75	01		A	30	PVM	35 2670	1	69936621925	3157625641815	Bench Wheel
250 x 25 x 31.75	01		A	46	MVM	35 2670	1	66243528401	3157625631335	Bench Wheel
250 x 25 x 31.75	01		A	60	MVM	35 2670	1	66243528402	3157625631342	Bench Wheel
250 x 25 x 32	01		A	60	MVM	35 2670	1	66243578559	3157625634787	Bench Wheel
250 x 25 x 31.75	01		GC	60	JVK	35 2670	1	69936621929	3157625641839	Carbide tool
250 x 25 x 31.75	01		GC	100	IVK	35 2670	1	66243528398	3157625631304	Surface Carbide tool
250 x 25 x 50.8	01		WA	60	KVL	35 2670	1	66243528405	3157625631366	Surface
250 x 25 x 76.2	01		41A	46	HVM	35 2670	1	69936621909	3157625641785	Surface
250 x 25 x 76.2	01		WA	46	KVL	35 2670	1	69936621644	3157625641457	Surface
250 x 25 x 76.2	01		WA	60	KVL	35 2670	1	69936623209	3157625642911	Surface
250 x 25 x 76.2	01		WA	80	KVL	35 2670	1	66243578708	3157625635319	Surface
250 x 32 x 32	01		WA	60	MVL	35 2670	1	69936648577	3564653672009	Tool sharpening
250 x 32 x 32	01		GC	80	KVK	35 2670	1	69936648648	3564653690003	Carbide tool Offhand
250 x 40 x 76.2	01		WA	46	JVL	35 2670	1	66243578721	3157625635401	Surface
250 x 50 x 76.2	01		WA	46	KVL	35 2670	1	69936622104	3157625642218	Surface
300 x 13 x 127	01		WA	60	KVL	35 2230	1	66243548621	3157625633391	Cylindrical
300 x 13 x 127	01		WA	80	KVL	35 2230	1	66243548620	3157625633384	Cylindrical
300 x 25 x 76.2	01		WA	60	KVL	35 2230	1	66243578849	3157625635616	Cylindrical
300 x 25 x 127	01		WA	46	KVL	35 2230	1	66243578783	3157625635562	Cylindrical
300 x 25 x 127	01		WA	60	KVL	35 2230	1	66243578731	3157625635487	Cylindrical
300 x 25 x 127	01		WA	80	KVL	35 2230	1	66243578848	3157625635609	Cylindrical
300 x 25 x 127	01		WA	100	KVL	35 2230	1	69936621942	3157625641907	Cylindrical
300 x 25 x 127	01		48A	60	KVM	35 2230	1	66243548729	3157625634244	Cylindrical
300 x 25 x 127	01		48A	60	LVM	35 2230	1	66243548727	3157625634213	Cylindrical
300 x 25 x 127	01		GC	80	JVK	35 2230	1	66243578782	3157625635555	Cylindrical Surface
300 x 25 x 127	01		GC	100	JVK	35 2230	1	69936621940	3157625641891	Carbide tool Surface
300 x 40 x 35	01		A	30	PVM	35 2230	1	66243580201	3157625635968	Bench Wheel
300 x 40 x 35	01		A	60	MVM	35 2230	1	66243548626	3157625633421	Bench Wheel
300 x 40 x 38.1	01		A	30	PVM	35 2230	1	66243580204	3157625635975	Bench Wheel
300 x 40 x 38.1	01		A	60	MVM	35 2230	1	66243548627	3157625633438	Bench Wheel
300 x 40 x 38.1	01		GC	60	JVK	35 2230	1	66243548633	3157625633483	Carbide tool
300 x 40 x 76	01		WA	60	KVL	35 2230	1	66243545522	3157625632073	Cylindrical
300 x 40 x 127	01		WA	60	KVL	35 2230	1	69936648583	3157625631144	Cylindrical

Dimensions Key: D = Diameter, T = Thickness, B = Bore, W = Width, H = Height, L = Length, S = Spindle, Th = Thread















BONDED ABRASIVES

# GRINDING WHEELS

## PLAIN AND RECESSED WHEELS


### GRAIN COLOUR CODE

 WA	 C	 A
 41A	 GC	 48A
 48A	 73A	

DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE	MAIN USAGE(S)	
300 x 40 x 127	01		48A	60	KVM	35 2230	1	66243548740	3157625634336	Cylindrical
300 x 50 x 31.75	01		A	36	MVM	35 2230	1	69936621997	3157625641945	Bench Wheel
300 x 50 x 31.75	01		A	60	MVM	35 2230	1	66243548695	3157625633964	Bench Wheel
300 x 50 x 76.2 2 recesses 160 x 10	07		73A	46	GVL	35 2230	1	66243548690	3157625633919	Surface
300 x 50 x 76.2 2 recesses 160 x 10	07		WA	46	IVL	35 2230	1	66243548689	3157625633902	Surface Cylindrical
355 x 25 x 127	01		WA	60	KVL	35 1890	1	69936622019	3157625641976	Cylindrical
355 x 32 x 127	01		WA	60	KVL	35 1890	1	69936648608	3564653677202	Cylindrical
355 x 40 x 127	01		48A	46	KVM	35 1890	1	66243579412	3157625635944	Cylindrical
355 x 50 x 31.75	01		A	46	MVM	35 1890	1	66243579402	3157625635876	Bench Wheel
355 x 50 x 31.75	01		A	60	MVM	35 1890	1	66243579401	3157625635869	Bench Wheel
355 x 50 x 127	01		WA	46	KVL	35 1890	1	66243579397	3157625635838	Cylindrical
355 x 50 x 127	01		WA	60	KVL	35 1890	1	69936648612	3564653678001	Cylindrical
406 x 25 x 127	01		WA	60	KVL	35 1646	1	66243580218	3157625635999	Cylindrical
406 x 50 x 127	01		WA	46	JVL	35 1646	1	66243580243	3157625636064	Surface Cylindrical
406 x 50 x 127	01		WA	60	KVL	35 1646	1	66243580237	3157625636026	Cylindrical

## DISHES - TYPE 12



DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE	
150 x 13 x 31.75	12		WA	60	KVL	35 4460	4	66243578855	3157625635654





# CUPS

## STRAIGHT AND TAPER CUPS



### GRAIN COLOUR CODE



### STRAIGHT CUPS - TYPE 06



DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
100 x 50 x 20 10 Rim 10 Back	06	WA	120	JVL	32 6112	2	66243548829	3157625634442
100 x 50 x 20 10 Rim 10 Back	06	73A	70	I+VL	32 6112	2	69936693045	3564653674454
180x76.2x82.55 16 Rim 16 Back	06	WA	30	KBC	32 3400	2	69936622286	3157625642423

### TAPER CUPS - TYPE 11



DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
100 x 40 x 31.75	11	WA	46	KVL	32 6112	4	66243528671	3157625631564
100 x 40 x 31.75	11	WA	60	KVL	32 6112	4	66243528667	3157625631557
100 x 50 x 31.75	11	WA	60	KVL	32 6112	3	66243528673	3157625631571



# DISCS

## TYPE 36


TYPE 36 

### GRAIN COLOUR CODE

 WA

### TYPE 36



DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
203 x 50 x 114.3	36	 WA	46	KVL	35 3293	1	66243548738	3157625634312



# CYLINDERS

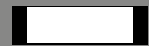
## TYPE 02


SHAPE 02 

### GRAIN COLOUR CODE

 WA

### TYPE 02



DIMENSIONS (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
127 x 50 x 101.6	02	 WA	36	IVL	25 3759	2	69936622357	3157625642478



# DRESSING STICKS

## CONDITIONING

### GRAIN COLOUR CODE

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

### SQUARE



DIMENSIONS (mm) H x L	ABRASIVE TYPE	GRIT SIZE	BOND	PACK QTY	ARTICLE NUMBER	BARCODE	USED WITH
25 x 150	C	20	SV	20	69936623189	3157625642904	Abrasive wheel
25 x 150	WA	150	GV	10	69936621643	3157625641433	CBN wheel
25 x 150	WA	220	GV	10	69936621630	3157625641372	CBN wheel

## SHARPENING

### SQUARE



DIMENSIONS (mm) H x L	ABRASIVE TYPE	GRIT SIZE	BOND	PACK QTY	ARTICLE NUMBER	BARCODE
13 x 150	C	100	RV	20	66243580983	3157625636231

## COMBINATION

### RECTANGULAR



DIMENSIONS (mm) W x H x L	SPECIFICATION	PACK QTY	ARTICLE NUMBER	BARCODE
20 x 50 x 100	EW 280/ER 120 V	1	66243538860	8711479205842
25 x 50 x 150	A 320 / 100	5	66243548440	3157625632486
25 x 50 x 150	EW 280/ER 120 V	1	66243538858	8711479100161
25 x 50 x 150	CG 320/CD 120 V	1	66243567213	4007739006361
25 x 50 x 200	A 320 / 100	5	66243548571	3157625633339
25 x 50 x 200	CG 320/CD 120 V	1	66243567224	4007739400022

### HAND STONES NATURAL WHETSTONE



DIMENSIONS (mm) W x H x L	SPECIFICATION	PACK QTY	ARTICLE NUMBER	BARCODE
43 x 20 x 76	NR 4 FINE BELGIAN BLOCK	1	07660738917	8711479206030
53 x 22 x 60	NR 5 FINE BELGIAN	1	07660738918	8711479206047

### HAND STONES



DIMENSIONS (mm) W x H x L		SPECIFICATION	PACK QTY	ARTICLE NUMBER	BARCODE
50 x 50 x 150	■	SCG 16/20 KE	1	66243538868	8711479206061
25 x 50 x 200	■	SCG 16/20 KE	1	66243538869	8711479206078
50 x 50 x 200	■	SCG 16/20 KE	1	66243538870	8711479206085
25 x 50 x 200	■	CD 60 PV	1	66243538917	4007739400169
50 x 50 x 200	■	CD 60 LV	1	66243567196	8711479177712
50 x 50 x 200	■	SD 120 LV	1	66243538876	8711479206160





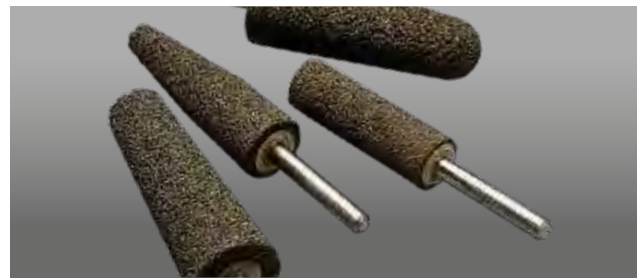
# MOUNTED POINTS AND WHEELS FOR CLEANING & DEBURRING



**VITRIFIED - 41A**



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

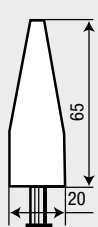


**ORGANIC - A**

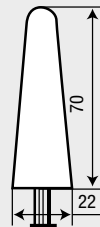


Brown aluminium oxide, tougher than pure white aluminium oxide. Good cutting performance on medium to soft steels. Suitable for carbon steel, HSS and alloyed steel.

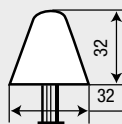
## MOUNTED POINT SHAPES



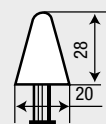
**A1**



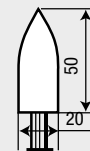
**A3**



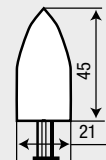
**A4**



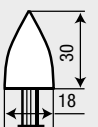
**A5**



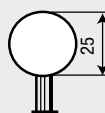
**A8**



**A11**



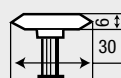
**A12**



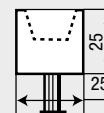
**A25**



**A26**



**A37**



**A38**

# MOUNTED POINTS AND WHEELS

FOR CLEANING & DEBURRING

GRAIN COLOUR CODE

■ A

■ 41A

## MOUNTED POINTS

DIMENSIONS (mm) D x L	SPINDLE (mm) S x L	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	RPM 13mm O/HANG	PACK QTY	ARTICLE NUMBER	BARCODE	
20 x 65	6 x 40	■	A1	41A	36	PV	19800	20	66243538967	3157625631908
22 x 70	6 x 40	■	A3	41A	36	PV	16100	20	66243538971	3157625631939
22 x 70	6 x 40	■	A3	41A	60	PV	16100	20	66243538539	3157625631687
32 x 32	6 x 40	■	A4	41A	36	PV	29840	20	66243566869	3157625634572
20 x 28	6 x 40	■	A5	41A	46	PV	45000	20	66243538968	3157625631915
20 x 50	6 x 40	■	A8	41A	36	PV	25000	20	66243538966	3157625631892
21 x 45	6 x 40	■	A11	41A	36	PV	19860	20	66243538969	3157625631922
18 x 30	6 x 40	■	A12	41A	46	PV	48000	20	66243538962	3157625631885
25 x 25	6 x 40	■	A13	41A	36	PV	33950	20	66243538974	3157625631946
25	6 x 40	■	A25	41A	36	PV	35620	20	66243538939	3157625631809
16	6 x 40	■	A26	41A	46	PV	59680	20	66243538960	3157625631878
30 x 6	6 x 40	■	A37	41A	60	PV	29840	20	66243566866	3157625634565
25 x 25	6 x 40	■	A38	41A	36	PV	34500	20	66243566862	3157625634558

## MOUNTED WHEELS

DIMENSIONS (mm) D x L	SPINDLE (mm) S x L	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	RPM 13mm O/HANG	PACK QTY	ARTICLE NUMBER	BARCODE	
10 x 13	6 x 40	■	W176	41A	60	PV	81000	20	66243538891	3157625631717
10 x 20	6 x 40	■	W177	41A	60	PV	66000	20	66243538496	3157625631625
10 x 32	6 x 40	■	W179	41A	60	PV	25000	20	66243538943	3157625631823
13 x 20	6 x 40	■	W186	41A	60	PV	51000	20	66243538942	3157625631816
13 x 25	6 x 40	■	W187	41A	60	PV	30000	20	66243538957	3157625631854
16 x 20	6 x 40	■	W195	41A	46	PV	47000	20	66243538893	3157625631724
16 x 25	6 x 40	■	W196	41A	46	PV	35250	20	66243538533	3157625631663
16 x 32	6 x 40	■	non std	41A	46	PV	25000	20	66243538894	3157625631731
20 x 20	6 x 40	■	W204	41A	46	PV	42750	20	66243538554	3157625631694
20 x 25	6 x 40	■	W205	41A	46	PV	34500	20	66243538896	3157625631748
20 x 32	6 x 40	■	W206	41A	46	PV	30000	20	66243538497	3157625631632
20 x 40	6 x 40	■	W207	41A	46	PV	24000	20	66243538898	3157625631755
25 x 25	6 x 40	■	W220	41A	36	PV	25500	20	66243538899	3157625631762
25 x 40	6 x 40	■	W221	41A	36	PV	19120	20	66243538900	3157625631779
32 x 20	6 x 40	■	W228	41A	36	PV	29840	20	66243538901	3157625631786
40 x 13	6 x 40	■	W236	41A	36	PV	25130	20	66243566871	3157625629097
40 x 25	6 x 40	■	W237	41A	36	PV	22500	20	66243538910	3157625631793
40 x 40	6 x 40	■	W238	41A	36	PV	15600	20	66243538510	3157625631656

## CENTRE LAPPING

DIMENSIONS (mm) D x L	SPINDLE (mm) S x L	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	RPM 13mm O/HANG	PACK QTY	ARTICLE NUMBER	BARCODE	
13 x 25	3 x 40	■	C2	A	220	RV	40500	10	69936622615	3157625642539
20 x 40	6.3 x 40	■	C1	A	220	RV	24000	10	69936622614	3157625642522

BONDED ABRASIVES



# ORGANIC CUT-OFF WHEELS

SHAPE 41

SHAPE 42

## GRAIN COLOUR CODE

A

### PLAIN – TYPE 41

Dimensions (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
150 x 1.8 x 31.75	41		A	60	PB	80 10190	25	69936625797	3157625642973
180 x 1.8 x 31.75	41		A	46	PB	80 8490	25	69936625810	3157625643048
180 x 1.8 x 31.75	41		A	60	NE	63 6680	25	69936623127	3157625642829
180 x 1.8 x 31.75	41		A	60	PB	80 8490	25	69936625798	3157625642997
200 x 1.8 x 31.75	41		A	60	PB	80 7640	25	69936625795	3157625642966
250 x 1.8 x 31.75	41		A	60	PB	80 6110	2	69936625793	3157625642959
508 x 5 x 25.4	41		A	24	S BF7	100 4136	10	66243450473	8711479298233
508 x 5.4 x 25.4	41		A	24	Q BF	100 4136	10	66243450474	8711479118487

### DEPRESSED CENTRE - TYPE 42

Dimensions (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	GRADE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
508 x 5.5 x 76.2	42		A	24	S BF7	100 4136	8	66243450461	3564659127459

Dimensions Key: D = Diameter, T = Thickness, B = Bore, W = Width, H = Height, L = Length, S = Spindle, Th = Thread



# PLAIN WHEELS AND CUPS FOR FOUNDRY

SHAPE 01



SHAPE 11



## GRAIN COLOUR CODE



A



C

## PLAIN – TYPE 01



Dimensions (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
65 x 13 x 10	01	■ A	24	RBF	50 14693	20	66243471152	3157625631274
76 x 13 x 10	01	■ A	30	TB	50 12566	20	66243450434	8711479262487
80 x 13 x 9.53	01	■ A	36	RB	50 11940	10	69936622034	3157625642058
100 x 25 x 15.88	01	■ A	16	RB	50 9550	2	69936621688	3157625641495

## TAPER CUPS – TYPE 11



Dimensions (mm) D x T x B	SHAPE	ABRASIVE TYPE	GRIT SIZE	BOND	m/s RPM	PACK QTY	ARTICLE NUMBER	BARCODE
100/80 x 50 x M14 20 Rim 20 Back	11	■ A	30	NB	50 9550	18	07660738783	3157625625297
100/80 x 50 x M14 20 Rim 20 Back	11	■ A	36	PB	50 9550	18	66243566925	3157625629103
110 x 95 x M14*	11	■ C20	NB5		50 8690	4	66243538707	8711479197352
125/100 x 50 x M14 25 Rim 20 Back	11	■ A	16	PB	50 7640	10	66243567216	3157625629226
125/100 x 50 x 5/8 UNC 25 Rim 20 Back	11	■ A	20	OB	50 7640	10	66243538920	3157625626294
125/100 x 50 x M14 25 Rim 20 Back	11	■ A	36	PB	50 7640	10	66243538823	3157625626157
125/100 x 50 x M14 25 Rim 20 Back	11	■ C	20	PB	50 7640	10	66243538887	3157625626171
150/120 x 50 x 5/8 UNC 40 Rim 20 Back	11	■ A	16	RB	50 6370	8	66243567061	3157625629189
150/120 x 50 x 5/8 UNC 40 Rim 20 Back	11	■ A	36	PB	50 6370	8	66243567012	3157625629165

BONDED ABRASIVES



# ORGANIC MOUNTED POINTS AND WHEELS

GRAIN COLOUR CODE

■ A

## ORGANIC MOUNTED POINTS

Dimensions (mm) D x L	SPINDLE (mm) S x L	SHAPE	ABRASIVE TYPE	BOND	RPM 13mm O/HANG	PACK QTY	ARTICLE NUMBER	BARCODE	
21 x 45	6 x 40	■	A11	A36	QB	19860	50	07660739229	3157625625532

## ORGANIC MOUNTED WHEELS

Dimensions (mm) D x L	SPINDLE (mm) S x L	SHAPE	ABRASIVE TYPE	BOND	RPM 13mm O/HANG	PACK QTY	ARTICLE NUMBER	BARCODE	
10 x 20	6 x 40	■	W177	A30	RB	82200	50	07660738812	8711479147685
10 x 20	6 x 40	■	W177	A46	QB	82200	50	07660738813	8711479147692
10 x 32	6 x 40	■	W179	A30	RB	56900	50	07660738814	8711479147708
10 x 32	6 x 40	■	W179	A46	QB	56900	50	07660738815	8711479147715
10 x 40	6 x 40	■		A30	RB	47500	50	07660738816	8711479147722
15 x 20	6 x 40	■		A30	RB	58500	50	07660738819	8711479147760
15 x 30	6 x 40	■		A30	RB	39600	50	07660738820	8711479147777
15 x 30	6 x 40	■		A46	QB	39600	50	07660738821	8711479147784
16 x 25	6 x 40	■	W196	A46	QB	35250	50	07660739543	3157625625624
20 x 20	6 x 40	■	W204	A30	RB	44800	50	07660738827	8711479147838
20 x 20	6 x 40	■	W204	A46	QB	42750	50	07660738825	3157625631229
20 x 30	6 x 40	■		A30	RB	30000	50	07660738831	8711479147920
20 x 25	6 x 40	■	W205	A46	QB	34500	50	07660739538	3157625625617
20 x 40	6 x 40	■	W207	A30	RB	24000	50	07660738840	8711479148026
20 x 40	6 x 40	■	W207	A46	QB	24000	50	07660738838	3157625631236
25 x 25	6 x 40	■	W220	A30	RB	25500	50	66243450527	8711479148170
25 x 25	6 x 40	■	W220	A36	QB	25500	50	66243567292	3157625629318
25 x 25	6 x 40	■	W220	A46	QB	25500	50	07660738844	3157625631243
25 x 30	6 x 40	■		A30	RB	24200	50	07660738849	8711479148224
25 x 40	6 x 40	■	W221	A46	QB	19120	50	07660739106	3157625625471
30 x 20	6 x 40	■		A46	QB	20100	50	07660738858	8711479148279
30 x 30	6 x 40	■		A30	RB	20100	50	07660738859	8711479148323
32 x 32	6 x 40	■	W230	A36	QB	24000	50	66243567296	3157625629325
32 x 32	6 x 40	■	W230	A46	QB	24000	50	07660739148	3157625625495
40 x 13	6 x 40	■	W236	A46	QB	25130	50	07660739149	3157625625501
40 x 30	6 x 40	■		A30	RB	15200	50	07660738879	8711479148637
40 x 40	6 x 40	■	W238	A30	RB	12200	50	07660738881	8711479148651
50 x 25	6 x 40	■	W242	A30	RB	15200	50	66243472934	8711479148729
50 x 25	6 x 40	■	W242	A46	QB	19100	50	07660738882	3157625631267

Dimensions Key: D = Diameter, T = Thickness, B = Bore, W = Width, H = Height, L = Length, S = Spindle, Th = Thread

## POLISHING PRODUCTS

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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 DxDxA (mm)	SPEC (mm)	PK QTY	ART NO.
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 DxDxA (mm)	SPEC (mm)	PK QTY	ART NO.
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

## STEEL WOOL IN BOX

WEIGHT	SPEC (mm)	PK QTY	ART NO.
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.
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.
White	Polishing stainless steel and aluminium	1	7660739116



- Supports cool cutting

### POLISHING COMPOUND, OIL BASED

WEIGHT	GRIT	PK QTY	ART NO.
500 gr	250	1	7660739127
	320	1	7660739128



- General purpose for polishing / cleaning all metals



## Conditions of Sale-General Conditions for the Supply of Goods and Associated Services (Feb 2021)

Conditions of Sale-General Conditions for the Supply of Goods and Associated Services (Feb 2021)

1.

(a) In these conditions 'the Company' means Saint-Gobain High Performance Solutions UK Ltd (trading as Saint-Gobain Abrasives) and 'the Customer' means the individual, firm, company or other party with whom the Company contracts. 'Supply' includes (but is not limited to) any supply under a contract of sale. 'International Supply Contract' means such a contract as is described in section 26(3) of the Unfair Contract Terms Act 1977.

(b) No order in pursuance of any quotation or otherwise shall be binding on the Company unless and until such order is accepted by the Company. Any contract made between the Company and the Customer (herein called 'the Contract') shall be subject to these conditions and save as aftermentioned no representative or agent of the Company has authority to agree any terms or make any representations inconsistent with them or to enter into any contract except on the basis of them; any such term representation or contract will bind the Company only if in writing and signed by a director.

(c) Unless otherwise agreed in writing by the Company these conditions shall override any terms and conditions stipulated or referred to by the Customer in his order or pre-contract negotiations.

(d) Any description contained in the Company's catalogues, samples, price lists or other advertising material is intended merely to present a general picture of the Company's products and services and shall not form a representation or be part of the Contract.

(e) In the event that the Company has not given a written acknowledgement of the Customer's order these conditions, provided the Customer shall have had prior notice of them, shall nonetheless apply to the Contract.

(f) In the event that the Customer orders any goods by telephone, any subsequent written order received from the Customer will be deemed to be a confirmation of the order given on the telephone if and only if the written order is (i) marked with the Company's reference number given to the Customer on the telephone and (ii) marked 'Confirmation Only'. Any written order not so marked will be deemed to be a further order from the Customer and may be accepted accordingly.

(g) The Company reserves the right to correct any employee clerical or typographical errors made at any time.

2.

(a) Where goods are made to the Customer's specification, instructions or design, the Customer undertakes full responsibility for the suitability and accuracy of the specification, instructions or design and undertakes to indemnify the Company against any infringement of any patent, design rights, registered design, trade mark, trade name, copyright or other intellectual property rights and any loss, damage or expense which it may incur by reason of such infringement in any country and the Customer undertakes further to indemnify the Company for any loss damage or expense in respect of any liability arising under or by reason of the provisions of the Consumer Protection Act 1987 in relation to the specification or design of such goods.

(b) The Customer warrants that it will pass on to all third parties to whom it may supply the goods all information as to the use and safe handling of the goods as may have been passed on to the Customer by the Company.

3.

(a) Subject to any agreement to the contrary the Company's quotations are provisional and may be altered to take account of any changes taking place between the date of quotation and the Company's acceptance of the Customer's order in the price of raw materials, rates of wages and other costs of production or in the Customer's specification, instructions or design or in the event that the

Customer orders part only of the quantity referred to in any quotation.

(b) The Company shall be entitled to increase its prices at any time to take account of any increase in the cost to the Company of purchasing any goods or materials or manufacturing working on or supplying any goods or services (including any such increase arising from any error or inadequacy in any specification, instructions or design provided by the Customer or any modification carried out by the Company at the Customer's request) and such increased prices ruling at the date of despatch by the Company shall be substituted for the previous Contract price. All prices quoted are exclusive of VAT and the Customer shall pay any and all taxes duties and other government charges payable in respect of the goods or services.

4.

(a) Unless otherwise agreed in writing by the Company, the Company shall deliver the goods by the means most convenient to the Company to the address or addresses specified by the Customer or (in the event that the Customer fails to specify an address) to any address at which the Customer resides or carries on business and off-loading shall be at the Customer's risk.

(b) If the Contract is an International Supply Contract it shall be deemed to incorporate the latest edition of Incoterms current at the date of the Contract save that in the event of any inconsistency between incoterms and any express term of the Contract the latter shall prevail. The Company shall be under no obligation to give the Customer the notice specified in section 32 (3) of the Sale of Goods Act 1979.

(c) Save in the Case of International Supply Contracts and subject to any agreement in writing by the Company, the risk in goods which the Company agrees to supply shall pass to the Customer on the relevant date as defined in sub paragraph 5 (a) hereof or the date (if earlier) on which, the goods being ready for delivery, delivery is postponed at the Customer's request.

(d) The Company shall not be liable for any loss of or damage sustained by any goods left with the Company howsoever caused and whether or not attributable to negligence on the part of the Company or negligence or wilful default on the part of any servant or agent of the Company.

(e) Should the Company be delayed in or prevented from making delivery of the goods or carrying out the services due to war, governmental or parliamentary restrictions, strike, lock-outs, fire, floods, explosions, labour disturbances, trade disputes, damage to or destruction of the goods, breakdown of machinery, shortage of labour or of raw materials or Act of God or due to any other cause whatsoever beyond the reasonable control of the Company the Company shall be at liberty to cancel or suspend the order placed by the Customer without incurring any liability for any loss or damage arising there from.

(f) While the Company will endeavour to deliver the goods or complete the services by any date or within any period agreed upon, such dates and periods are estimates only given in good faith and the Company will not be liable for any failure to deliver or complete by such a date or within such a period. Moreover, the Company shall be entitled to defer delivery until any monies due from the Customer have been received.

5.

(a) For the purposes of this paragraph the goods shall mean the whole or any instalment of the goods which the Company has agreed to supply or to which the Company has agreed to carry out work and the relevant date shall be the date on which (i) the Company despatches the goods or (ii) the Customer takes delivery of the goods at the Company's premises, whichever is the earlier, or (iii) (in the case of services) the services or any part thereof are carried out.

(b) Unless otherwise specified in writing by the Company payment for the goods or services or any part thereof shall be made by the customer net cash not later than the end of the month following the month in which the relevant date falls. Time for payment shall be of the essence of the Contract. Without prejudice to any other rights of the Company interest will be payable on all overdue accounts at Barclays Bank PLC base rate plus 4% and for the purpose of paragraphs 6 and 8 hereof the full purchase price of the goods or services shall include any interest payable hereunder.

(c) Queries or inaccuracies regarding the invoice will only be entertained if the Customer has given the Company written notice of such queries or inaccuracies within 14 days of the invoice date.

(d) The Customer shall make all payments due in full without any deduction by way of set-off, counterclaim, discount or abatement, unless the Company expressly agrees otherwise.

6.

(a) If the Customer shall fail to make any payment when it becomes due or shall enter into any composition or any arrangement with his creditors or if being an incorporated company shall have an administrative receiver or administrator appointed or shall pass a resolution for winding up or a Court shall make an order to that effect or if there shall be any breach by the Customer of any of the terms and conditions hereof the Company may defer or cancel any further deliveries and treat the Contract as determined but without prejudice to its right to the full purchase price for goods delivered and services provided and damages for any loss suffered in consequence of such determination.

(b) Cancellation by the Customer will only be accepted at the discretion of the Company and in any case on condition that any costs or expenses incurred by the Company up to the date of cancellation and all loss or damage resulting to the Company by reason of such cancellation will be paid by the Customer to the Company forthwith. Acceptance of such cancellation will only be binding on the Company if in writing.

(c) A charge will be made for any costs incurred by the Company due to suspension or deferment of any order by the Customer or in the event that the Customer defaults in collecting, or giving instructions for the delivery of, any goods.

7.

(a) No claim for damage in transit, shortage of delivery or loss of goods will be entertained unless the Customer shall have given to the Company written notice of such damage, shortage or loss with reasonable particulars thereof within 14 days of receipt of the goods or (in the case of total loss) of receipt of the invoice or other notification of despatch. The Company's liability, if any, shall be limited to replacing or (in its discretion) repairing such goods and it shall be a condition precedent to any such liability that the Customer shall if so requested have returned damaged goods to the Company within 14 days of such request. The Customer shall not be entitled to make any claim against the Company for consequential loss arising out of such damage shortage or loss as aforesaid.

(b) Save as otherwise provided in these conditions the Company's liability in respect of any defect in or failure of goods supplied or work done is limited to replacing or (in its discretion) repairing or paying for the repair or replacement of goods which within 12 months of delivery to the Customer are found to be defective by reason of faulty or incorrect design workmanship parts or materials and carrying out again any services which the Company has failed properly to perform in accordance with the Contract. In the event of any error in any weight, dimension, capacity, performance or other description or information which has formed a representation or is part of a contract the Company's liability in respect of any direct loss or damage sustained by the Customer as a result of such error shall not exceed the price of the goods or services in respect of which the description or information is incorrect. Conditions precedent to the Company's liability hereunder shall be that as soon as reasonably practicable the Customer

(i) shall have given to the Company reasonable notice of the defect, failure or error

(ii) shall have either returned the goods to the Company or provided authority for the Company's servants or agents to inspect them, as the Company may request.

The Company shall have no other or further liability in respect of any direct, indirect or consequential loss or damage sustained by the Customer arising from or in connection with any such defect failure or error as aforesaid.

(c) Where the Company agrees to repair or replace goods or carry out again the services in accordance with the foregoing provisions of this paragraph any time specified for delivery under the Contract shall be extended for such period as the Company may reasonably require.

(d) The Company shall have no liability in respect of any failure of goods caused, whether wholly or in part, by any modification to the goods (save for trimming or dressing the goods for use) carried out by or for the Customer (other than by the Company) without the Company's prior written approval.

(e) Save for such terms as may be implied in the Contract by section 12 of the Sale of Goods Act 1979 or section 2 of the Supply of Goods and Services Act 1982 all conditions, warranties and other terms express or implied, statutory or otherwise, are expressly excluded, save insofar as contained herein or as otherwise expressly agreed by the Company in writing PROVIDED that if and insofar as any legislation or any order made thereunder shall make or have made it unlawful to exclude or purport to exclude from the Contract any term or shall have made unenforceable any attempt to exclude any such term, the foregoing provisions of this paragraph will not apply to any such term.

(f) Nothing in this agreement shall limit the Company's liability for death or personal injury caused as a result of the negligence of the Company.

8. The following provisions shall apply to all goods which under the Contract (other than an International Supply Contract) the Company agrees to supply to the Customer. No failure by the Company to enforce strict compliance by the Customer with such provisions shall constitute a waiver thereof and no termination of the contract shall prejudice limit or extinguish the Company's rights under this paragraph.

(I) Property in the goods shall not pass to the Customer until full payment has been received by the Company for the goods and any other goods supplied by the Company or any of its associated companies.

(II) The Customer undertakes that until payment has been made in accordance with 8i) above- not to remove, deface, or cover up any identification marks that the goods are the property of the Company

- to store the goods separately from those belonging to the Customer and others

- to allow the Company, its agents and employees, unrestricted access to the Customer's premises or any other location where the goods are stored, for the purpose of removal of the goods.

(III) The Customer is hereby granted a license by the Company to incorporate the goods in any other products.

(IV) The Customer is hereby licensed to sell on the goods and any products incorporating any of them. The Customer shall, immediately upon receipt of the proceeds of sale, and whether or not payment has become due under paragraph 5 hereof, remit to the Company the full purchase price of the goods sold on less any part thereof which has already been paid and until such amount has been so remitted shall hold such amount as trustee and agent for the Company.

(V) The Customer shall maintain all appropriate insurance in respect of the goods from the date or dates on which the risk therein passes to him. In the event of any loss or damage occurring while the goods remain the property of the Company the Customer shall immediately on receipt of the insurance monies, remit to the Company the full purchase price of the goods lost or damaged less any part thereof which has already been paid and until such amount has been so remitted shall hold such amount as trustee and agent for the Company.

(VI) The licences granted under sub-paragraphs (ii) and (iii) above shall be terminable forthwith at any time upon notice by the Company to the Customer.

9. In the case of International Supply Contract property in the goods shall pass to the Customer upon delivery.

10. Save as hereinbefore provided and subject to the provisions of section 2(i) of the Unfair Contract Terms Act 1977 the Company shall not be liable to the Customer for any damage or for any direct or consequential loss incurred by the Customer in consequence of any negligence on the part of the Company or negligence or wilful default on the part of its servants or agents or in connection with the supply of any goods or the design or manufacture thereof or in the carrying out of any work or the provision of any information.

11. Nothing in these Conditions shall exclude or restrict any liability that the Company may have by virtue of the Consumer Protection Act 1987.

12.

(a) The Customer shall be responsible for complying with any legislation or regulations governing the importation of the goods supplied by the Company under the Contract into the country of destination and for the payment of any duties on them.

(b) The Customer shall be liable for and shall indemnify and hold the Company harmless from any and all liability, loss, claims, damages and costs, which the Company may sustain or incur, arising out of or in any way connected with the Customer's failure to comply with paragraphs 12(a) and/or 15 hereof.

13. Without affecting any other right or remedy available to it, the Company may terminate any Contract with the Customer with immediate effect by giving written notice to the Customer if the Customer commits a material breach of any term of these Conditions and/or the Contract which breach is irremediable or (if such breach is remediable) fails to remedy that breach within a period of seven (7) days after being notified in writing to do so.

## Conditions of Sale-General Conditions for the Supply of Goods and Associated Services (Feb 2021)

14. The Customer shall ensure that in any dealings with the Company, neither it or its employees or agents shall commit any offence under the Bribery Act 2010 ("the Act") including not engaging in any activity, practice or conduct which would constitute an offence under sections 1, 2 or 6 of the Act. The Customer shall inform the Company immediately it becomes aware of any actions between the parties that could constitute an offence under the Act.

15. It is the Company's and the Company's group's policy to comply with all applicable sanctions and legal requirements for the import and export of goods, technology and services. The Company is committed to ensuring compliance with all regulatory and licensing requirements relating to international trade. The Company does not permit the supply of any of its goods to any individuals, companies or organisations that are subject to any trade, economic or financial sanctions, embargoes or similar restrictive measures administered, enacted or enforced by the UK, EU, UN or USA ("Sanctioned Entities"). By entering into this Contract the Customer agrees not to re-sell or otherwise transfer the goods supplied by the Company, either directly or indirectly, to any Sanctioned Entities.

16.

(a) For the purposes of this paragraph 16, (a) "Applicable Data Protection Laws" means (i) to the extent the UK GDPR applies, the law of the United Kingdom or of a part of the United Kingdom which relates to the protection of personal data; (ii) to the extent the EU GDPR applies, the law of the law of the European Union or any member state of the European Union to which the Supplier is subject, which relates to the protection of personal data, in each case, as updated, amended or replaced from time to time; (b) "EU GDPR" means the General Data Protection Regulation ((EU) 2016/679), as it has effect in EU law; (c) "UK GDPR" has the meaning given to it in section 3(10) [as supplemented by section 205(4)] of the Data Protection Act 2018; and (d) the terms "Data Subject", "Personal Data", "processing", "processor" and "controller" shall have the meanings set out in the UK GDPR.

(b) Each party shall comply with the provisions and obligations imposed on it by the Applicable Data Protection Laws when processing Personal Data in connection with these Conditions. Such processing shall continue for so long as these Conditions are in force and shall be in respect of the following:

(I) Categories of data: Contacts within each of the parties and the ultimate customer details;

(II) Types of personal data: names, addresses, email addresses, telephone numbers and other contact details;

(III) Purpose and nature of processing: (i) manage the Contracts between the parties including ordering, fulfilment and billing; and (ii) fulfilment of such Contracts by delivering goods (where relevant).

(c) To the extent that a party processes any Personal Data on behalf of the other party, the processing party shall: (i) comply with the provisions and obligations imposed on a processor by the Applicable Data Protection Laws, and any stipulations set out in the Applicable Data Protection Laws as to what shall be included in the contract between the parties shall form a part of, and are incorporated into, these Conditions as if they were set out in full, and any reference to "documented instructions" (or similar) shall include the provisions of these Conditions; and (ii) not disclose any Personal Data to any Data Subject or to a third party other than at the written request of the other party or as expressly provided for in these Conditions.

(d) You agree that we may engage third party providers including any advisers, contractors, or auditors to Process Personal Data ("Sub-Processors"). We shall ensure that our contract with each Sub-Processor shall impose obligations in relation to the Processing of Personal Data on the Sub-Processor that are materially equivalent to the obligations to which we are subject to under these Conditions in relation to the Processing of Personal Data.

(e) If either party receives any complaint, notice or communication which relates to the processing of Personal Data by the other party or to either party's compliance with the Applicable Data Protection Laws, or if any Personal Data processed in connection with these Conditions is subject to a personal data breach (as defined in the UK GDPR), it shall immediately notify the other party and provide the other party with reasonable co-operation and assistance in relation to any such complaint, notice, communication or personal data breach.

17. The proper law of all contracts with the Company shall be English Law which shall govern in all respects the construction and effect of such contracts and of these Conditions. The Customer agrees that in the event of any dispute arising out of the Contract or the performance thereof he will submit to the exclusive jurisdiction of the English Courts.

### RETURNS POLICY

- You must contact our customer service team within 14 days of receiving your order. We do not accept sale and return without prior agreement in writing, where a 25% or £25 handling fee (whichever is higher) will be issued for returns that are agreed upon.
- It is the customer's responsibility to arrange and cover the costs for shipment, which will need to be returned to our returns depot – this could be located in the UK or EU. Any delivery charges incurred will not be refunded.
- Please ensure the returns document with the returns number, accompanies the product when returned. Once you have packaged your items ready for shipping, clearly write the returns number on the outside of the packaging. Failure to do so could cause delays to any refunds or resolving your query.
- Any returned items need to be returned unused, with no signs of tampering and in the original packaging, which must not be damaged.

- If the returned products are damaged, show signs of tampering or being used, or are damaged in transit in a way that you could have foreseen (such as not being sent back in the original packaging), we withhold the right to refuse any returns (or partial returns). Please refer to Conditions of Sale-General Conditions for the Supply of Goods and Associated Services (Feb 2021) Section 7a, for further information.

- Full refunds will only be issued once we have received the products and they have been checked to ensure they have not been damaged or tampered with in any way. This means they should be in their original packaging, unused without any signs of damage and with a copy of the invoice included. We will confirm that we have received the item and that the product has met our required return conditions – please allow 28 days for your account to be credited.

#### PLEASE NOTE:

To obtain or check any prices in this catalogue, please contact the UK Customer Service team on +44 (0)1785 279553, email [sga-uk@saint-gobain.com](mailto:sga-uk@saint-gobain.com) or speak to your local sales representative for further support.

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