

Cutting-Off & Grinding Wheels



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Cutting-Off & Grinding Wheels

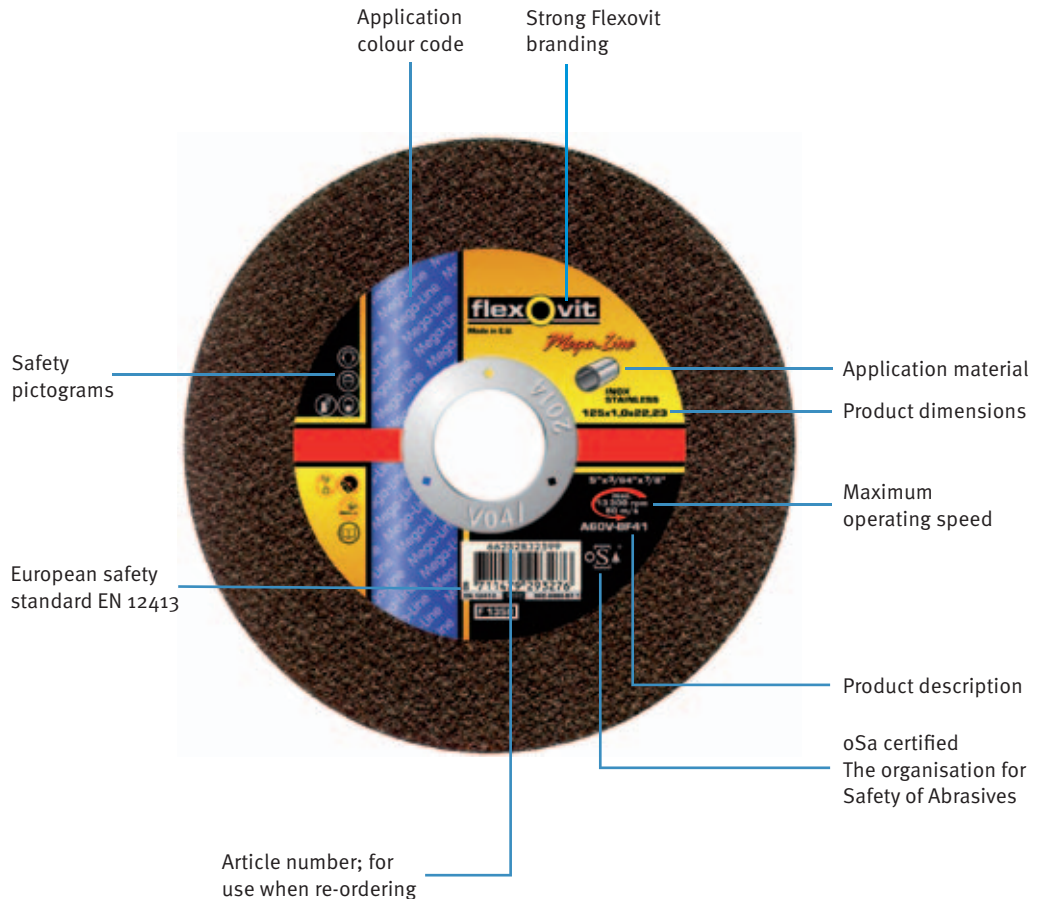


Technical Information

Throughout the world, Flexovit cutting-off and grinding wheels are extensively used across a range of industries including aerospace, automotive, foundries, fabrication, ship-building and construction. Flexovit's wide range of products provide high value, high performance industrial solutions. High performance Flexovit products are backed up by a team of experienced product engineers providing the technical support that modern industrial companies demand.


Flexovit's stock delivery program ensures quick and reliable availability. This is why Flexovit is the preferred brand for professional users of abrasive wheels. This section presents our state-of-the-art industrial range of cutting-off and grinding wheels covering a wide variety of cutting-off and grinding applications.

Understanding the Product



METAL RING WITH VALIDITY DATE

V = validity date (production quarter + 3 year)

	V01	V04	V07	V10
	1st quarter	2nd quarter	3rd quarter	4th quarter

Example:
V04/2014 indicates production in the 2nd quarter of 2011 and advised usage before the 2nd quarter of 2014



Differentiation in the Range

Flexovit provides the industry's widest selection of cutting-off and grinding wheels to help meet every requirement. The Flexovit Industrial range comprises three distinct product lines giving three different price/performance levels, satisfying all demands encountered in industrial markets. Flexovit cutting-off and grinding wheels are classified into Flexovit Mega-Line (premium performance), Flexovit (high performance), and Flexovit Speedoflex (economy performance) product lines to help you choose the right product for your specific application.



FLEXOVIT MEGA-LINE

Flexovit Mega-Line is the premium quality product line of Flexovit and contains cutting-off and grinding wheels, designed to meet the demands of the most discerning users. The products work faster and have a longer life resulting in lower operating costs. The products have been designed to be exceptionally user friendly and easy to use, satisfying the ultimate requirements of the professional user.



FLEXOVIT

Throughout the world, Flexovit cutting-off and grinding wheels are used extensively in a range of industries including aerospace, automotive, foundry, fabrication, ship-building and construction. Flexovit's wide range of products give high performance and high value levels, leading to lower costs.



FLEXOVIT SPEEDOFLEX

Speedoflex cutting-off and grinding wheels offer good levels of performance with excellent price/performance ratio, an excellent economy product. They are suitable for cutting-off and grinding wheels a wide range of materials including steel, stainless steel, cast iron and stone.

APPLICATION

Where greater differentiation of products by application is needed, this is done through colour coding.

APPLICATION MATERIAL

Stone/
Cast Iron

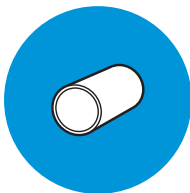
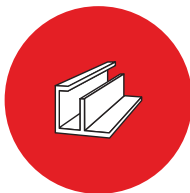
Non-ferrous

Inox/
Stainless Steel

Steel

Steel/Inox
Stainless Steel

PICTOGRAMS



WHEELS



PACKAGING LABELS



Cutting-Off & Grinding Wheels

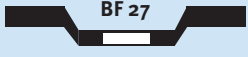
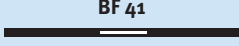



Technical Information









MARKING SYSTEM OF ABRASIVE CUTTING-OFF & GRINDING WHEELS

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 BF = Bakelite and glass fibre reinforcement
C = Silicon Carbide	20	to	to	O	R	U	
Z = Zirconia Alumina	24	60	100	P	S	V	

SHAPE SPECIFICATION SYSTEM

BF 27	BF 41	BF 42
		
Depressed centre grinding wheels, thickness from 2.2-10mm. Available in diameters 76-230mm for hand-held machines.	Flat cutting-off wheels. Available in diameters 76-406mm for hand-held machines and 300-406mm for stationery machines.	Depressed centre cutting-off wheels. Available in diameters 76-230mm
Application: grinding	Application: cutting-off	Application: cutting-off

MACHINE PICTOGRAMS

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



Operating Speeds

Flexovit products are designed and tested for certain applications and operating speeds. Choose a wheel suitable for the application material. Suitable materials are indicated on the wheel label. For a comprehensive list please refer to Selecting the Right Product chart on page 162. Before mounting the grinding or cutting-off wheel on the machine, ensure that the operating speed of the machine does not exceed the maximum operating speed as it is marked on the product.

SPEED CONVERSION FOLLOWING EN 12413

Wheel diameter (mm)	Maximum peripheral operating speed in m/s		
	63	80	100
50/51	24100	30600	38200
63/65	19100	24300	30250
76	15850	20150	25150
80	15100	19100	23900
85	14200	18000	22500
100/102	12100	15300	19100
115	10500	13300	16650
125	9650	12250	15300
150/152	8050	10200	12700
180	6700	8500	10650
200	6050	7650	9550
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



Technical Information

Getting the best from your Cutting-Off & Grinding Wheels

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

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

TROUBLESHOOTING CUTTING OFF WHEELS

Wheel does not cut

Cause	in case of blue cutting: wheel too hard or too thick
Solution	use softer or Flexovit Thin Cut wheels, check peripheral speed
Cause	peripheral speed too low
Solution	increase rpm up to max. (80m/s)

Excessive wear

Cause	in case of white cutting edge: wheel too soft
Solution	use harder wheel
Cause	operating speed too low
Solution	increase rpm up to max (80m/s)
Cause	decrease of rpm during cutting
Solution	use machine with more power, reduce pressure on the machine

Crumbled wheel edge

Cause	cutting-off wheel used for grinding operations
Solution	use a grinding wheel for grinding operations
Cause	workpiece is moving
Solution	clamp the workpiece properly
Cause	too much side-pressure
Solution	add only the radial pressure to the wheel

Arborhole or centre break out

Cause	wheel sticks in the workpiece/material
Solution	use more radial pressure and swing the wheel forwards and backwards
Cause	cutting-off wheel used for grinding operations
Solution	use a grinding wheel for grinding operations
Cause	too much side pressure
Solution	add only the radial pressure to the wheel
Cause	different diameter top/bottom flange
Solution	use flanges with the same diameter



TROUBLESHOOTING GRINDING WHEELS

Wheel does not grind

Cause	wheel too hard, wheelglazing
Solution	use softer wheel
Cause	not enough pressure
Solution	increase pressure
Cause	machine power too low
Solution	use machine with more power
Cause	loading and wheelglazing (non-ferrous)
Solution	use Flexovit Alu wheels which counteracts loading and wheelglazing

Excessive wheelwear

Cause	wheel too soft
Solution	use harder wheel
Cause	too much pressure
Solution	reduce pressure, let the wheel do the grinding
Cause	decrease of peripheral speed
Solution	use machine with more power, reduce pressure on the machine
Cause	too low peripheral speed
Solution	max. 80m/s is optimum speed

Crumbled wheel edge

Cause	grinding angle too flat
Solution	change angle to 30 - 40°
Cause	workpiece is moving
Solution	clamp the workpiece properly
Cause	too much pressure
Solution	reduce pressure, let the wheel do the grinding

Cracks on the bottom of the wheel

Cause	contact area too large
Solution	reduce contact area
Cause	too much pressure
Solution	reduce pressure, let the wheel do the grinding

Unbalance

Cause	dirty flanges
Solution	clean flanges
Cause	wheel mounting insecure
Solution	tighten flanges
Cause	flanges with different diameter
Solution	replace flanges



Technical Information

SAFETY ADVICE – DO'S

✓	DO always handle and store wheels carefully. Cutting-off wheels should be stacked horizontally and flat, preferably on a steel base plate. Depressed centre wheels should be placed on top of each other or stored in the original packaging.
✓	DO always visually inspect all wheels before mounting for possible damage in transit.
✓	DO always use a safety guard and ensure that it is correctly positioned and securely fitted. It should cover at least one half of the wheel and protect the operator in the unlikely event of a wheel breakage. NON-REINFORCED CUTTING-OFF WHEELS SHOULD ONLY BE USED ON FIXED MACHINES AND SHOULD BE CORRECTLY GUARDED.
✓	DO always switch 'OFF' the power at supply source and/or remove the plug from the socket before changing the wheel.
✓	DO always use the tools supplied by the machine manufacturer to change the wheel.
✓	DO always ensure that the spindle speed of the machine does not exceed the operating speed marked on the wheel.
✓	DO always use the correct wheel mounting flanges and ensure that they are undamaged, clean and free from burrs.
✓	DO SEE EN 12413.
✓	DO allow newly mounted wheels to run at operating speed, with the guard in place, for a reasonable time before cutting or grinding.
✓	DO always wear EYE PROTECTION.
✓	DO always wear appropriate safety clothing such as DUST MASK, GLOVES, EAR PROTECTION, OVERALLS AND SAFETY SHOES.
✓	DO 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.
✓	DO check tension of driving belts, where fitted, on a regular basis. Belts must be kept tight to ensure full power transmission.
✓	DO always secure the workpiece firmly while it is being cut or ground.
✓	DO put portable machines in suitable cradles, when not being used, to avoid damage to the wheel.
✓	DO always use a portable machine in a comfortable position, where the workpiece is well balanced and the machine is well supported.
✓	DO grind at an angle above 30 degrees to the workpiece with a depressed centre grinding wheel.
✓	DO 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.



SAFETY ADVICE – DON'TS

X	DON'T handle wheels roughly.
X	DON'T use non-reinforced cutting-off wheels on portable machines.
X	DON'T store wheels in a damp atmosphere or in extreme temperatures.
X	DON'T mount a damaged wheel.
X	DON'T EVER exceed the maximum operating speed marked on the wheel.
X	DON'T force a wheel onto a machine spindle.
X	DON'T use mounting flanges which are incorrect, damaged, dirty or burred.
X	DON'T tighten the mounting nut or locking flange excessively. To do so can distort the flanges.
X	DON'T use blotters with depressed centre wheels less than or equal to 406mm (EN 12413).
X	DON'T use a machine which is not in good mechanical condition.
X	DON'T use a machine without a wheel guard.
X	DON'T use wheels without proper ventilation or dust protection equipment.
X	DON'T apply side pressure to cutting-off wheels. You should not bend the wheel.
X	DON'T stop the wheel by applying pressure to the periphery or face. Always switch the machine off and allow the wheel to stop revolving.
X	DON'T allow the wheel to be trapped or pinched in the cut.
X	DON'T apply excessive pressure onto the wheel so that the driving motor slows down.
X	DON'T grind on the side of cutting-off wheels or depressed centre wheels below 4.0mm thickness.
X	DON'T drop or lower a portable machine by the cable or airline onto the floor. A wheel can be easily cracked, if it is put down hard, by the weight of the machine. This is a common cause of wheel breakage.
X	DON'T grind with a depressed centre grinding wheel at an angle below 30 degrees to the workpiece.
X	DON'T use a machine in a position where you do not have full control of the machine and you are not well balanced.



Technical Information

Safety in the Storage & Use of Cutting-Off & Grinding Wheels

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

SELECTION OF THE WHEEL

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

INSPECTION & TEST BEFORE MOUNTING

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

VISUAL INSPECTION

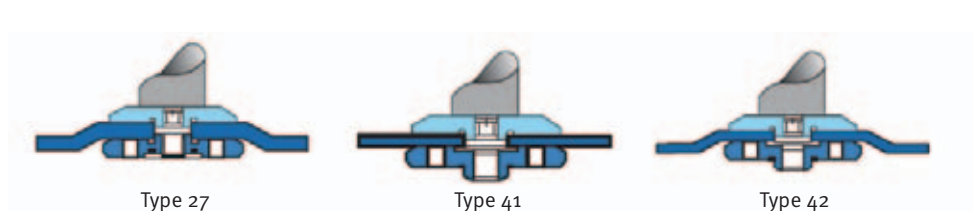
Carefully inspect the abrasive wheel: if it is damaged in any way do not use.

SAFETY EQUIPMENT

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

MOUNTING OF THE GRINDING WHEEL & USE OF THE MOUNTING DEVICES

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





WORKPLACE CONDITIONS

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

INSTRUCTIONS FOR USE

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

Cutting-off

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

Grinding

When grinding keep the wheel at an angle of 20/30 degrees or more to the work piece.

PERSONAL PROTECTION

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

PERSONAL PROTECTION



Mouth Protection



Wear Gloves



Eye Protection



Ear Protection



Read Instruction



Not for Side Grinding



Do not use Damaged Wheel

PROTECTION OF THE WORKPIECE

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

SAFETY GUARDS

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

STOPPING THE MACHINE

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

Selecting the Right Product

GRINDING WHEELS

	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
A24/30S Speedoflex	●	●	◐	◐	◐		◐				
A24/30RS Speedoflex	●	●	◐	◐			◐				
A24/30Q Speedoflex	●	●	◐	◐	◐		◐				
A24Q Fast Cut	●	●	◐		◐		◐				
A30S General Purpose	●	●	◐		◐		◐				
A24V Long Life	◐	◐	●		●		◐				
ZA24Q Zirconia	◐	◐	●		●		●		◐		
A30P HP Mega-Line	●	●	●		●	●	◐				
A30W Mega-Line	●	●	◐	●	◐		◐				
A30Q INOX Mega-Line	◐	◐	●		●		◐				
ZA24R INOX Foundry	◐	◐	●		●		●				
ZA203R Foundry	◐	◐	◐		◐		●				
ZA203T Foundry	◐	◐	◐		◐		●				
A36Q Alu	◐	◐	◐		◐		◐	●	●		
C24/30RS Speedoflex							●		●	●	●
C30T General Purpose							●		●	●	●

USAGE KEY

- strongly recommended
- ◐ recommended

CUTTING-OFF WHEELS

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	
●	●	●	●	●								ZA 60 Y-BF41 Mega-Line
◐	◐	●	●	●			◐	◐				A46/60V Inox Speedoflex
●	●	◐	◐	◐		◐						A24/30S Speedoflex
●	●	◐	◐			◐						A24/30RS Speedoflex
◐	◐	●	●	●			◐	◐				A60T Thin Cut
●	●	◐	◐	◐		◐						A30S General Purpose
◐	◐	●	◐	●	●	◐						A24V INOX Long Life
●	●	◐	◐	◐		◐						A30V Extra Long Life
◐	◐	●	●	●			◐	◐				A60V INOX Mega-Line
◐	◐	●	◐	●		◐						A24V INOX Mega-Line
◐	◐	◐	●	◐								A60W Mega-Line
●	●	◐	◐	◐		◐						A30W Mega-Line
◐	◐	◐		◐		●						ZA24R Foundry
◐	◐	◐		◐		●						ZA30S Foundry
◐	◐	◐		◐		●						ZA203T Foundry
◐	◐	◐		◐		●						ZAC24S Foundry
●	●	●		●	◐	◐						A30S Petrol Saw
●	●	●		●								A30S Chop Saw
◐	◐	◐		◐	●							A24P Rail Cut
◐	◐	◐		◐	●							A24Q Rail Cut
◐	◐	◐		◐	●							ZA24Q Rail Cut
									●		●	C30S Petrol Saw
◐	◐	◐	●	◐			●	●				A60Q Alu

USAGE KEY

- strongly recommended
- ◐ recommended

Cutting-Off & Grinding Wheels

CUTTING-OFF WHEELS

A36Q Alu
C24/30RS Speedoflex
C30S/C30T General Purpose

	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
A36Q Alu	◐	◐	◐	◐	◐		◐	●	●			
C24/30RS Speedoflex							●		●	●		●
C30S/C30T General Purpose							◐		●	●	●	

USAGE KEY

- strongly recommended
- ◐ recommended

Cutting-Off & Grinding Wheels

Wheels
for Angle
Grinders



Centre of Excellence

To familiarize customers with the biggest advantages of our advanced solutions, Flexovit regularly invites customers to the dedicated Centre of Excellence in Eibergen, The Netherlands. This technical grinding centre has an excellent reputation when it comes to testing cutting and grinding wheels and it has machines at its disposal which are selected with care for the most occurring grinding situations.

All Flexovit cutting- and grinding wheels from diameter 76 to 406mm can be tested here on grinding performance and on security.

The Centre of Excellence Flexovit also disposes of facilities to give customized trainings. All users and sellers of our products can be trained by us. Our trainings are based on more than 70 years of experience within the Saint-Gobain Abrasives group. Participants can put into practice what they learned by doing grinding tests.

Upon demand Flexovit specialists can carry out product tests on location, to find technical solutions for problems. Motives for a test on location can be; the material/object to be treated, the machine on which the wheels are mounted or the work situation of the user.



Cutting-Off & Grinding Wheels

flex  **vit**

Mega-Line



Flexovit Mega-Line is the premium quality product line of Flexovit and contains cutting-off and grinding wheels, designed to meet the demands of the most discerning users. The products work faster and have a longer life resulting in lower operating costs. The products have been designed to be exceptionally user friendly and easy to use, satisfying the ultimate requirements of the professional user.

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Wheels for Angle Grinders

Grinding – BF 27



Mega-Line A 30 W-BF27



- Steel
- Heavy and rough grinding jobs
- Optimised for sharp edges
- Long wheel life
- Easy to use

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 7.0 x 22.23	A 30 W-BF27	10	66252919149	8711479259449
125 x 7.0 x 22.23	A 30 W-BF27	10	66252919150	8711479259661
150 x 7.0 x 22.23	A 30 W-BF27	10	66252919674	8711479269127
180 x 7.0 x 22.23	A 30 W-BF27	10	66252919151	8711479259883
180 x 8.0 x 22.23	A 30 W-BF27	10	66252829249	8711479259968
230 x 7.0 x 22.23	A 30 W-BF27	10	66252919153	8711479261176
230 x 8.0 x 22.23	A 30 W-BF27	10	66252919720	8711479260247



Mega-Line A 30 Q-BF27 INOX



- Stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheel life
- Easy to use
- Fast stock removal

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 7.0 x 22.23	A 30 Q-BF27 INOX	10	66252919148	8711479259401
125 x 7.0 x 22.23	A 30 Q-BF27 INOX	10	66252833006	8711479259623
150 x 7.0 x 22.23	A 30 Q-BF27 INOX	10	66252919673	8711479260988
180 x 7.0 x 22.23	A 30 Q-BF27 INOX	10	66252833013	8711479259845
180 x 8.0 x 22.23	A 30 Q-BF27 INOX	10	66252919691	8711479259982
230 x 7.0 x 22.23	A 30 Q-BF27 INOX	10	66252919713	8711479260148
230 x 8.0 x 22.23	A 30 Q-BF27 INOX	10	66252919719	8711479261190



Mega-Line A 30 P-BF27 HP



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Fast stock removal
- Operator friendly
- Easy to use

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
180 x 7.0 x 22.23	A 30 P-BF27 HP	10	66252829243	8711479108464
180 x 8.0 x 22.23	A 30 P-BF27 HP	10	66252919696	8711479333118
230 x 7.0 x 22.23	A 30 P-BF27 HP	10	66252829272	8711479330711
230 x 8.0 x 22.23	A 30 P-BF27 HP	10	66252919724	8711479333125

Mega-View Grinding & Polishing Grinding – BF 29



Mega-View A 60 T-BF29/A 36 T-BF29



- Steel/stainless steel/inox
- Continuous view of workpiece
- Grinding and polishing in 1 action
- Long wheel life
- Low vibrations
- Comfortable working; operator friendly
- Uniquely patterned face prevents loading
- No backing pad needed
- Use at 15° angle
- Grit 36 for stock removal
- Grit 60 for polishing

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 4.0 x 22.23	A 36 T-BF29	20	66252828974	8711479358487
115 x 4.0 x 22.23	A 60 T-BF29	20	66252828975	8711479358517
125 x 4.0 x 22.23	A 36 T-BF29	20	66252828976	8711479358531
125 x 4.0 x 22.23	A 60 T-BF29	20	66252828977	8711479356865



Cutting – BF 41



MEGA-LINE MAXXX



- High metal removal rate
- Fast cutting
- High stability
- Low vibration
- Less material loss
- Less noise & dust
- Less energy consumption
- Burr-free cutting
- White and clean cutting
- Extreme precision and straight cutting

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 1.0 x 22.23	ZA 60 Y-BF41	25	66252836749	8711479553011
115 x 1.3 x 22.23	ZA 60 Y-BF41	25	66252836911	8711479553967
115 x 1.6 x 22.23	ZA 46 Y-BF41	25	66252836750	8711479553028
125 x 1.0 x 22.23	ZA 60 Y-BF41	25	66252836751	8711479553035
125 x 1.3 x 22.23	ZA 60 Y-BF41	25	66252836912	8711479553974
125 x 1.6 x 22.23	ZA 46 Y-BF41	25	66252836752	8711479553042
180 x 1.6 x 22.23	ZA 46 Y-BF41	25	66252841204	8711479571435
230 x 1.9 x 22.23	ZA 46 Y-BF41	25	66252841205	8711479571442





Wheels for Angle Grinders

Cutting – BF 41 (cont)

Mega-Line A 60 V-BF41 INOX/A 46 V-BF41 INOX/A 36 V-BF41 INOX



- Stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheel life
- Quick cutting
- Easy to use
- Optimised for powerful machines
- High stability

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 1.0 x 22.23	A 60 V-BF41 INOX	25	66252832594	8711479293214
115 x 1.6 x 22.23	A 46 V-BF41 INOX	25	66252832920	8711479303203
125 x 1.0 x 22.23	A 60 V-BF41 INOX	25	66252832599	8711479293276
125 x 1.6 x 22.23	A 46 V-BF41 INOX	25	66252919145	8711479303227
180 x 1.6 x 22.23	A 36 V-BF41 INOX	25	66252832607	8711479312946
230 x 1.9 x 22.23	A 36 V-BF41 INOX	25	66252832923	8711479318740

Mega-Line A 24 V-BF41 INOX



- Stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheel life
- Quick cutting
- Easy to use
- Optimised for powerful machines
- High stability

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252919380	8711479299162
125 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252919381	8711479299179
180 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252919382	8711479299186
230 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252919383	8711479299193
115 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252919977	8711479261701
125 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252920007	8711479261787
150 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252920023	8711479261824
180 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252920042	8711479261862
180 x 3.0 x 22.23	A 24 V-BF41 INOX	25	66252920050	8711479261886
230 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252920065	8711479299209
230 x 3.0 x 22.23	A 24 V-BF41 INOX	25	66252919221	8711479261923

Mega-Line A 60 W-BF41/A 46 W-BF41/A 30 W-BF41

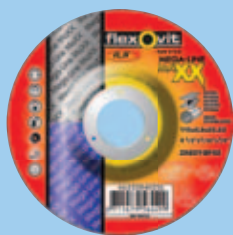


- Steel
- Long wheellife
- Quick cutting
- Easy to use
- Optimised for powerful machines

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 1.0 x 22.23	A 60 W-BF41	25	66252832592	8711479293191
115 x 1.6 x 22.23	A 46 W-BF41	25	66252833016	8711479293238
125 x 1.0 x 22.23	A 60 W-BF41	25	66252833017	8711479293252
125 x 1.6 x 22.23	A 46 W-BF41	25	66252833019	8711479293290
115 x 2.0 x 22.23	A 30 W-BF41	25	66252919973	8711479299117
125 x 2.0 x 22.23	A 30 W-BF41	25	66252950809	8711479299124
180 x 2.0 x 22.23	A 30 W-BF41	25	66252920036	8711479299131
230 x 2.0 x 22.23	A 30 W-BF41	25	66243451721	8711479299148
115 x 2.5 x 22.23	A 30 W-BF41	25	66252919981	8711479256868
125 x 2.5 x 22.23	A 30 W-BF41	25	66252920009	8711479120824
150 x 2.5 x 22.23	A 30 W-BF41	25	66252920024	8711479269165
180 x 2.5 x 22.23	A 30 W-BF41	25	66252920044	8711479257049
180 x 3.0 x 22.23	A 30 W-BF41	25	66252831067	8711479257087
230 x 2.5 x 22.23	A 30 W-BF41	25	66252920066	8711479299155
230 x 3.0 x 22.23	A 30 W-BF41	25	66252920074	8711479257223



Cutting-Off & Grinding Wheels



Wheels for Angle Grinders

Cutting – BF 42



- Steel/stainless steel/innox
- Free of iron, sulphur and chlorine
- 0.8mm wheel thickness for extremely precise and straight cutting
- Optimised for material thickness < 2mm

- Reduced energy consumption
- Low noise, dust and material loss
- Less sparks
- Minimal vibration

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 0.8 x 22.23	ZA 60 Y-BF42	25	66252840226	8711479564499
125 x 0.8 x 22.23	ZA 60 Y-BF42	25	66252840227	8711479564505

Mega-Line A 24 V-BF42 INOX



- Stainless steel/innox
- Free of iron, sulphur and chlorine
- Long wheellife

- Quick cutting
- Easy to use
- Optimised for powerful machines

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252919154	8711479260889
125 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252919657	8711479260902
150 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252919669	8711479260940
180 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252919676	8711479331749
230 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252919702	8711479331763
115 x 3.0 x 22.23	A 24 V-BF42 INOX	25	66252919647	8711479331787
125 x 3.0 x 22.23	A 24 V-BF42 INOX	25	66252919659	8711479264245
180 x 3.0 x 22.23	A 24 V-BF42 INOX	25	66252919679	8711479261053
230 x 3.0 x 22.23	A 24 V-BF42 INOX	25	66252829578	8711479261114

Mega-Line A 30 W-BF42



- Steel
- Long wheellife
- Quick cutting

- Easy to use
- Optimised for powerful machines

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.5 x 22.23	A 30 W-BF42	25	66252919155	8711479259241
125 x 2.5 x 22.23	A 30 W-BF42	25	66252919156	8711479259487
180 x 2.5 x 22.23	A 30 W-BF42	25	66252919678	8711479261213
230 x 2.5 x 22.23	A 30 W-BF42	25	66252919703	8711479261091
115 x 3.0 x 22.23	A 30 W-BF42	25	66252919648	8711479331725
125 x 3.0 x 22.23	A 30 W-BF42	25	66252919660	8711479264269
180 x 3.0 x 22.23	A 30 W-BF42	25	66252919157	8711479261039
230 x 3.0 x 22.23	A 30 W-BF42	25	66252832569	8711479261138

Cutting-Off & Grinding Wheels

flex  **ovit**



Throughout the world, Flexovit cutting-off and grinding wheels are used extensively in a range of industries including aerospace, automotive, foundry, fabrication, ship-building and construction. Flexovit's wide range of products give high performance and high value levels, leading to lower costs.

flex  **ovit**

Cutting-Off & Grinding Wheels



flexOvit

Wheels for Angle Grinders

Cutting, Grinding, Polishing – BF27



ALL IN 1 WHEEL



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Cutting, light grinding and polishing with one product
- No more time loss due to machine or product changing
- Low vibrations
- Comfortable working; operator friendly
- Excellent and uniform finishing result
- Maximum safety due to 3 layered strong reinforcement

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.2 x 22.23	A 46 S-BF27	25	66252830579	8711479428043
125 x 2.2 x 22.23	A 46 S-BF27	25	66252830580	8711479428067

Grinding – BF 27

flexOvit ZIRCONIA



- Steel/stainless steel/inox/cast iron
- Free of iron, sulphur and chlorine
- Fast stock removal
- Long wheellife

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 7.0 x 22.23	ZA 24 Q-BF27	10	66252829208	8711479329012
125 x 7.0 x 22.23	ZA 24 Q-BF27	10	66252829223	8711479329036
150 x 7.0 x 22.23	ZA 24 Q-BF27	10	66252919672	8711479329050
180 x 7.0 x 22.23	ZA 24 Q-BF27	10	66252829248	8711479329074
180 x 8.0 x 22.23	ZA 24 Q-BF27	10	66252919693	8711479329098
230 x 7.0 x 22.23	ZA 24 Q-BF27	10	66252829278	8711479329111
230 x 8.0 x 22.23	ZA 24 Q-BF27	10	66252919723	8711479329135

flexOvit LONG LIFE - COMBINATION WHEEL



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheellife

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 4.0 x 16.0	A 24 V-BF27	20	66252829177	8711479259227
115 x 4.0 x 22.23	A 24 V-BF27	20	66252829194	8711479106590
125 x 4.0 x 22.23	A 24 V-BF27	20	66252918945	8711479107221
150 x 4.5 x 22.23	A 24 V-BF27	20	66252919671	8711479107702
180 x 4.0 x 22.23	A 24 V-BF27	20	66252829229	8711479108204
230 x 4.0 x 22.23	A 24 V-BF27	20	66252829256	8711479109935

flexOvit LONG LIFE



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheellife

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 7.0 x 16.0	A 24 V-BF27	10	66252829181	8711479106330
115 x 7.0 x 22.23	A 24 V-BF27	10	66252829204	8711479106866
125 x 7.0 x 22.23	A 24 V-BF27	10	66252829225	8711479107566
150 x 7.0 x 22.23	A 24 V-BF27	10	66252918946	8711479107801
180 x 7.0 x 22.23	A 24 V-BF27	10	66252829242	8711479108891
230 x 7.0 x 22.23	A 24 V-BF27	10	66252829271	8711479110467

Dimensions Key: D = Diameter, T = Thickness, B = Bore

Cutting-Off & Grinding Wheels

flexOvit GENERAL PURPOSE - COMBINATION WHEEL



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 4.5 x 16.0	A 30 S-BF27	20	66252829176	8711479331701
115 x 4.5 x 22.23	A 30 S-BF27	20	66252829193	8711479106637
125 x 4.0 x 22.23	A 30 S-BF27	20	66252829211	8711479107207
150 x 4.0 x 22.23	A 30 S-BF27	20	66252832891	8711479107665
180 x 4.0 x 22.23	A 30 S-BF27	20	66252829230	8711479108143
230 x 4.0 x 22.23	A 30 S-BF27	20	66252950741	8711479109751



flexOvit GENERAL PURPOSE



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 7.0 x 16.0	A 30 S-BF27	10	66252829182	8711479103834
115 x 7.0 x 22.23	A 30 S-BF27	10	66252829205	8711479103858
125 x 7.0 x 22.23	A 30 S-BF27	10	66252829220	8711479105029
150 x 7.0 x 22.23	A 30 S-BF27	10	66252832558	8711479107740
180 x 7.0 x 22.23	A 30 S-BF27	10	66252829244	8711479108716
230 x 7.0 x 22.23	A 30 S-BF27	10	66252833243	8711479110320



flexOvit FAST CUT



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Fast stock removal

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 7.0 x 22.23	A 24 Q-BF27	10	66252829203	8711479327322
125 x 7.0 x 22.23	A 24 Q-BF27	10	66252829224	8711479327346
150 x 7.0 x 22.23	A 24 Q-BF27	10	66252918893	8711479327360
180 x 7.0 x 22.23	A 24 Q-BF27	10	66252829241	8711479326790
180 x 8.0 x 22.23	A 24 Q-BF27	10	66252919694	8711479331022
230 x 7.0 x 22.23	A 24 Q-BF27	10	66252829270	8711479327384
230 x 8.0 x 22.23	A 24 Q-BF27	10	66252919726	8711479331060



flexOvit ALU



- Non-ferrous
- Free of iron, sulphur and chlorine
- Special combination counteracts loading and wheel glazing

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 7.0 x 16.0	A 36 Q-BF27	10	66252918944	8711479106316
115 x 7.0 x 22.23	A 36 Q-BF27	10	66252829206	8711479106835
125 x 7.0 x 22.23	A 36 Q-BF27	10	66252833005	8711479107504
150 x 7.0 x 22.23	A 36 Q-BF27	10	66252832921	8711479187711
180 x 7.0 x 22.23	A 36 Q-BF27	10	66252829245	8711479108990
230 x 7.0 x 22.23	A 36 Q-BF27	10	66252832861	8711479260209



Wheels for Angle Grinders

Grinding – BF 27 (cont)



flexOvit GENERAL PURPOSE



- Stone/cast iron
- Iron free
- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 7.0 x 22.23	C 30 T-BF27	10	66252829597	8711479104992
125 x 7.0 x 22.23	C 30 T-BF27	10	66252829221	8711479105036
180 x 7.0 x 22.23	C 30 T-BF27	10	66252829246	8711479105074
230 x 7.0 x 22.23	C 30 T-BF27	10	66252833245	8711479305115

Cutting – BF 41



flexOvit LONG LIFE



- Steel
- Long wheellife

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.0 x 22.23	A 30 V-BF41 EXTRA	25	66252950746	8711479120138
125 x 2.0 x 22.23	A 30 V-BF41 EXTRA	25	66252950747	8711479120671
150 x 2.0 x 22.23	A 30 V-BF41 EXTRA	25	66252920021	8711479121197
180 x 2.0 x 22.23	A 30 V-BF41 EXTRA	25	66252832610	8711479121609
230 x 2.0 x 22.23	A 30 V-BF41 EXTRA	25	66252829290	8711479122378
115 x 2.5 x 22.23	A 30 V-BF41 EXTRA	25	66252919980	8711479104909
125 x 2.5 x 22.23	A 30 V-BF41 EXTRA	25	66252920008	8711479104916
150 x 2.5 x 22.23	A 30 V-BF41 EXTRA	25	66252920022	8711479121319
180 x 2.5 x 22.23	A 30 V-BF41 EXTRA	25	66252920043	8711479103919
230 x 2.5 x 22.23	A 30 V-BF41 EXTRA	25	66252829289	8711479104930



flexOvit LONG LIFE



- Stainless steel/innox
- Free of iron, sulphur and chlorine
- Long wheellife

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252831036	8711479120190
125 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252829287	8711479120770
150 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252920020	8711479188749
180 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252919163	8711479121661
230 x 2.0 x 22.23	A 24 V-BF41 INOX	25	66252832614	8711479122453
115 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252829283	8711479120268
125 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252918947	8711479120916
150 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252918949	8711479121401
180 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252831060	8711479121821
230 x 2.5 x 22.23	A 24 V-BF41 INOX	25	66252829288	8711479122606

Cutting-Off & Grinding Wheels

flexOvit THIN CUT



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Easy and comfortable cutting

- Burr-free cutting result
- High stability

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 1.0 x 22.23	A 60 T-BF41	25	66252829282	8711479261640
115 x 1.6 x 22.23	A 46 T-BF41	25	66252833015	8711479331251
125 x 1.0 x 22.23	A 60 T-BF41	25	66252829285	8711479261725
125 x 1.6 x 22.23	A 46 T-BF41	25	66252833018	8711479331275
150 x 1.0 x 22.23	A 60 T-BF41	25	66252832962	8711479332494
150 x 1.6 x 22.23	A 46 T-BF41	25	66252832605	8711479121135
180 x 1.6 x 22.23	A 46 T-BF41	25	66252832606	8711479326752
230 x 1.9 x 22.23	A 46 T-BF41	25	66252829660	8711479326776



flexOvit GENERAL PURPOSE



- Steel/stainless steel/inox
- Free of iron sulphur and chlorine

- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.0 x 22.23	A 30 S-BF41	25	66252920392	8711479120114
125 x 2.0 x 22.23	A 30 S-BF41	25	66252920003	8711479120596
180 x 2.0 x 22.23	A 30 S-BF41	25	66252919160	8711479121562
230 x 2.0 x 22.23	A 30 S-BF41	25	66252832613	8711479122255
100 x 2.5 x 16.0	A 30 S-BF41	25	66252829280	8711479103667
115 x 2.5 x 22.23	A 30 S-BF41	25	66252950914	8711479103674
125 x 2.5 x 22.23	A 30 S-BF41	25	66252920476	8711479120879
150 x 2.5 x 22.23	A 30 S-BF41	25	66252918948	8711479104923
180 x 2.5 x 22.23	A 30 S-BF41	25	66252829685	8711479121760
230 x 2.5 x 22.23	A 30 S-BF41	25	66252831080	8711479122545



Dimensions Key: D = Diameter, T = Thickness, B = Bore



Wheels for Angle Grinders

Cutting – BF 41 (cont)

flexOvit ALU



- Special combination counteracts loading and wheel glazing

- Non-ferrous
- Free of iron, sulphur and chlorine

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 1.0 x 22.23	A 60 Q-BF41	25	66252832590	8711479334740
115 x 1.6 x 22.23	A 46 Q-BF41	25	66252832919	8711479334764
125 x 1.0 x 22.23	A 60 Q-BF41	25	66252832598	8711479334788
125 x 1.6 x 22.23	A 46 Q-BF41	25	66252951061	8711479334801
180 x 1.6 x 22.23	A 46 Q-BF41	25	66252832925	8711479334825
230 x 1.9 x 22.23	A 46 Q-BF41	25	66252832924	8711479334849
100 x 2.5 x 16.0	A 36 Q-BF41	25	66252829292	8711479182044
115 x 2.5 x 22.23	A 36 Q-BF41	25	66252918923	8711479120213
125 x 2.5 x 22.23	A 36 Q-BF41	25	66252829286	8711479120930
150 x 2.5 x 22.23	A 36 Q-BF41	25	66252920029	8711479121425
180 x 2.5 x 22.23	A 36 Q-BF41	25	66252833020	8711479121739
230 x 2.5 x 22.23	A 36 Q-BF41	25	66252833021	8711479122507

flexOvit GENERAL PURPOSE



- Stone/cast iron
- Iron free

- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 3.0 x 22.23	C 30 S-BF41	25	66252918959	8711479103704
125 x 3.0 x 22.23	C 30 S-BF41	25	66252918960	8711479103711
150 x 3.0 x 22.23	C 30 S-BF41	25	66252918827	8711479134883
180 x 3.0 x 22.23	C 30 S-BF41	25	66252829662	8711479103728
230 x 3.0 x 22.23	C 30 S-BF41	25	66252950760	8711479103735

Cutting – BF 42



flexOvit LONG LIFE



- Steel
- Long wheel life

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.5 x 22.23	A 30 V-BF42 EXTRA	25	66252832551	8711479104985
125 x 2.5 x 22.23	A 30 V-BF42 EXTRA	25	66252832553	8711479105005
150 x 2.5 x 22.23	A 30 V-BF42 EXTRA	25	66252833007	8711479107627
180 x 2.5 x 22.23	A 30 V-BF42 EXTRA	25	66252832559	8711479105067
230 x 2.5 x 22.23	A 30 V-BF42 EXTRA	25	66252831194	8711479326813

flexOvit LONG LIFE



- Stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheel life

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.0 x 22.23	A 24 V-BF42 INOX	25	66252831166	8711479255922
125 x 2.0 x 22.23	A 24 V-BF42 INOX	25	66252919655	8711479331381
180 x 2.0 x 22.23	A 24 V-BF42 INOX	25	66252919675	8711479331404
230 x 2.0 x 22.23	A 24 V-BF42 INOX	25	66252950740	8711479186776
100 x 2.5 x 16.0	A 24 V-BF42 INOX	25	66252919004	8711479259203
115 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252831164	8711479184000
125 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252831174	8711479184024
150 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252833234	8711479237690
180 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252833009	8711479184048
230 x 2.5 x 22.23	A 24 V-BF42 INOX	25	66252832566	8711479187117
115 x 3.0 x 22.23	A 24 V-BF42 INOX	25	66252831169	8711479106460
125 x 3.0 x 22.23	A 24 V-BF42 INOX	25	66252831178	8711479106958
180 x 3.0 x 22.23	A 24 V-BF42 INOX	25	66252831188	8711479107931
230 x 3.4 x 22.23	A 24 V-BF42 INOX	25	66252831197	8711479109454

flexOvit GENERAL PURPOSE



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 3.4 x 16.0	A 30 S-BF42	25	66252831155	8711479106019
115 x 3.4 x 22.23	A 30 S-BF42	25	66252831167	8711479103889
125 x 3.4 x 22.23	A 30 S-BF42	25	66252831176	8711479107061
150 x 3.4 x 22.23	A 30 S-BF42	25	66252832557	8711479105043
180 x 3.4 x 22.23	A 30 S-BF42	25	66252831186	8711479103933
230 x 3.4 x 22.23	A 30 S-BF42	25	66252831198	8711479109591



Dimensions Key: D = Diameter, T = Thickness, B = Bore

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Wheels for Angle Grinders

Cutting – BF 42



flexOvit ALU



- Non-ferrous
- Free of iron, sulphur and chlorine

- Special combination counteracts loading and wheel glazing

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 3.0 x 16.0	A 36 Q-BF42	25	66252918941	8711479105975
115 x 3.0 x 22.23	A 36 Q-BF42	25	66252950734	8711479106408
125 x 3.0 x 22.23	A 36 Q-BF42	25	66252950736	8711479106910
180 x 3.0 x 22.23	A 36 Q-BF42	25	66252832892	8711479107856
230 x 3.0 x 22.23	A 36 Q-BF42	25	66252829416	8711479109515

flexOvit GENERAL PURPOSE



- Stone/cast iron
- Iron free

- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 3.4 x 22.23	C 30 T-BF42	25	66252833002	8711479103872
125 x 3.4 x 22.23	C 30 T-BF42	25	66252833003	8711479105012
180 x 3.4 x 22.23	C 30 T-BF42	25	66252833012	8711479103940
230 x 3.4 x 22.23	C 30 T-BF42	25	66252831199	8711479105098

Cutting-Off & Grinding Wheels

flexOvit

SPEEDO  *FLEX*



Speedoflex cutting-off and grinding wheels offer good levels of performance with excellent price/performance ratio, an excellent economy product. They are suitable for cutting-off and grinding wheels a wide range of materials including steel, stainless steel, cast iron and stone.

flexOvit

Wheels for Angle Grinders

Grinding – BF 27



SPEEDO FLEX A 24/30 S-BF27



- Steel/stainless steel/innox
- Free of iron, sulphur and chlorine

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 4.0 x 16.0	A 24/30 S-BF27	20	66252919641	8711479316210
115 x 4.0 x 22.23	A 24/30 S-BF27	20	66252919649	8711479311802
125 x 4.0 x 22.23	A 24/30 S-BF27	20	66252832555	8711479311819
180 x 4.0 x 22.23	A 24/30 S-BF27	20	66252832561	8711479311826
230 x 4.0 x 22.23	A 24/30 S-BF27	20	66252919707	8711479311840



SPEEDO FLEX A 24/30 RS-BF27



- Steel
- Iron free

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 6.4 x 22.23	A 24/30 RS-BF27	10	66252829195	8711479104817
125 x 6.4 x 22.23	A 24/30 RS-BF27	10	66252829512	8711479104824
150 x 6.4 x 22.23	A 24/30 RS-BF27	10	66252832580	8711479268045
180 x 6.4 x 22.23	A 24/30 RS-BF27	10	66252829231	8711479103926
230 x 6.4 x 22.23	A 24/30 RS-BF27	10	66252829257	8711479184086



SPEEDO FLEX A 24/30 Q-BF27



- Steel/stainless steel/innox
- Free of iron, sulphur and chlorine

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 6.4 x 16.0	A 24/30 Q-BF27	10	66252919737	8711479327407
115 x 6.4 x 22.23	A 24/30 Q-BF27	10	66252832575	8711479327421
125 x 6.4 x 22.23	A 24/30 Q-BF27	10	66252832577	8711479327445
150 x 6.4 x 22.23	A 24/30 Q-BF27	10	66252832579	8711479327469
180 x 6.4 x 22.23	A 24/30 Q-BF27	10	66252832581	8711479326820
230 x 6.4 x 22.23	A 24/30 Q-BF27	10	66252919152	8711479327483



SPEEDO FLEX C 24/30 RS-BF27



- Stone/cast iron
- Iron free

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 6.4 x 22.23	C 24/30 RS-BF27	10	66252832957	8711479301919
125 x 6.4 x 22.23	C 24/30 RS-BF27	10	66252950786	8711479301933
150 x 6.4 x 22.23	C 24/30 RS-BF27	10	66252919774	8711479301957
180 x 6.4 x 22.23	C 24/30 RS-BF27	10	66252919136	8711479301971
230 x 6.4 x 22.23	C 24/30 RS-BF27	10	66252829265	8711479301995

Cutting – BF 41

SPEEDO FLEX A 46/60 V-BF41 INOX



• Stainless steel/inox

• Free of iron, sulphur and chlorine

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 1.0 x 22.23	A 46/60 V-BF41 INOX	25	66252832591	8711479303999
115 x 1.6 x 22.23	A 30/46 V-BF41 INOX	25	66252832596	8711479302015
125 x 1.0 x 22.23	A 46/60 V-BF41 INOX	25	66252832600	8711479304019
125 x 1.6 x 22.23	A 30/46 V-BF41 INOX	25	66252832388	8711479302039
150 x 1.6 x 22.23	A 30/46 V-BF41 INOX	25	66252920018	8711479326691
180 x 1.6 x 22.23	A 30/46 V-BF41 INOX	25	66252832608	8711479326714
230 x 1.9 x 22.23	A 30/46 V-BF41 INOX	25	66252832611	8711479326738



SPEEDO FLEX A 24/30 S-BF41



• Steel/stainless steel/inox

• Free of iron, sulphur and chlorine

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 2.0 x 22.23	A 24/30 S-BF41	25	66252832597	8711479311864
125 x 2.0 x 22.23	A 24/30 S-BF41	25	66252832604	8711479311871
180 x 2.0 x 22.23	A 24/30 S-BF41	25	66252832609	8711479311888
230 x 2.0 x 22.23	A 24/30 S-BF41	25	66252832612	8711479305122
115 x 2.5 x 22.23	A 24/30 S-BF41	25	66252919983	8711479104077
125 x 2.5 x 22.23	A 24/30 S-BF41	25	66252920012	8711479104084
150 x 2.5 x 22.23	A 24/30 S-BF41	25	66252920027	8711479316449
180 x 2.5 x 22.23	A 24/30 S-BF41	25	66252920041	8711479104091
230 x 2.5 x 22.23	A 24/30 S-BF41	25	66252833274	8711479104107



SPEEDO FLEX A 24/30 RS-BF41



• Steel

• Iron free

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 2.5 x 16.0	A 24/30 RS-BF41	25	66252919959	8711479271120
115 x 2.5 x 22.23	A 24/30 RS-BF41	25	66252829423	8711479104749
125 x 2.5 x 22.23	A 24/30 RS-BF41	25	66252950812	8711479104756
150 x 2.5 x 22.23	A 24/30 RS-BF41	25	66252920026	8711479268182
180 x 2.5 x 22.23	A 24/30 RS-BF41	25	66252950813	8711479104763
230 x 2.5 x 22.23	A 24/30 RS-BF41	25	66252950815	8711479104770
115 x 3.0 x 22.23	A 24/30 RS-BF41	25	66252919985	8711479271083
125 x 3.0 x 22.23	A 24/30 RS-BF41	25	66252920016	8711479271106
180 x 3.0 x 22.23	A 24/30 RS-BF41	25	66252920046	8711479270994
230 x 3.0 x 22.23	A 24/30 RS-BF41	25	66252920071	8711479122866





Wheels for Angle Grinders

Cutting – BF 41 (cont)

SPEEDO FLEX C 24/30 RS-BF41



• Stone/cast iron

• Iron free

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 3.0 x 16.0	C 24/30 RS-BF41	25	66252920203	8711479271205
115 x 3.0 x 22.23	C 24/30 RS-BF41	25	66252920204	8711479104787
125 x 3.0 x 22.23	C 24/30 RS-BF41	25	66252920208	8711479104794
150 x 3.0 x 22.23	C 24/30 RS-BF41	25	66252920211	8711479268168
180 x 3.0 x 22.23	C 24/30 RS-BF41	25	66252920213	8711479267956
230 x 3.0 x 22.23	C 24/30 RS-BF41	25	66252920216	8711479104800

Cutting – BF 42



SPEEDO FLEX A 24/30 S-BF42



- Steel/stainless steel/innox
- Free of iron, sulphur and chlorine

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 2.5 x 16.0	A 24/30 S-BF42	25	66252919640	8711479182099
115 x 2.5 x 22.23	A 24/30 S-BF42	25	66252832552	8711479104220
125 x 2.5 x 22.23	A 24/30 S-BF42	25	66252832554	8711479104633
180 x 2.5 x 22.23	A 24/30 S-BF42	25	66252832560	8711479104237
230 x 2.5 x 22.23	A 24/30 S-BF42	25	66252832571	8711479104244
230 x 3.0 x 22.23	A 24/30 S-BF42	25	66252832568	8711479311833



SPEEDO FLEX A 24/30 RS-BF42



- Steel
- Iron free

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
100 x 3.0 x 16.0	A 24/30 RS-BF42	25	66252831156	8711479271144
115 x 3.0 x 22.23	A 24/30 RS-BF42	25	66252831168	8711479268069
125 x 3.0 x 22.23	A 24/30 RS-BF42	25	66252829414	8711479182464
150 x 3.0 x 22.23	A 24/30 RS-BF42	25	66252832578	8711479268083
180 x 3.0 x 22.23	A 24/30 RS-BF42	25	66252831187	8711479268106
230 x 3.0 x 22.23	A 24/30 RS-BF42	25	66252831204	8711479269844



SPEEDO FLEX C 24/30 RS-BF42



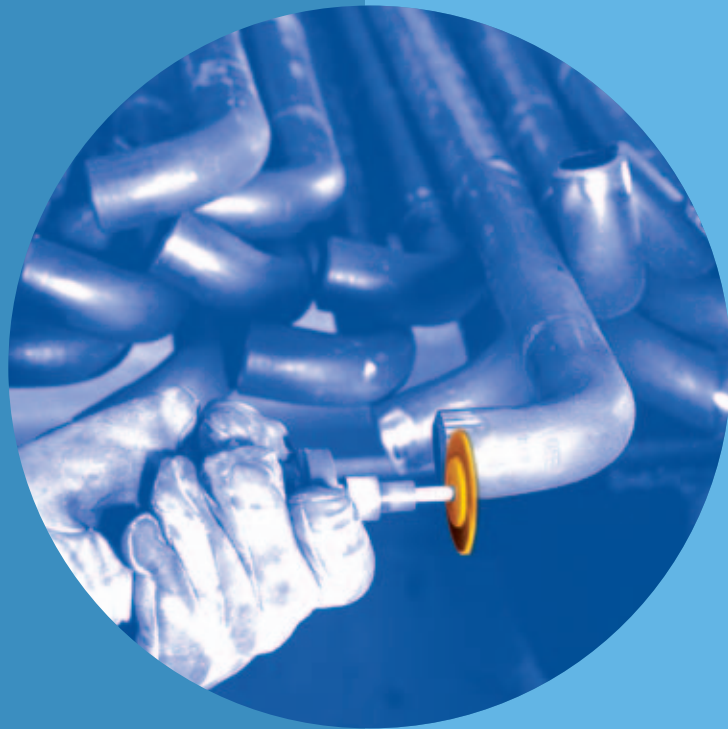
- Stone
- Iron free

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 3.0 x 22.23	C 24/30 RS-BF42	25	66252832574	8711479111617
125 x 3.0 x 22.23	C 24/30 RS-BF42	25	66252832576	8711479112393
180 x 3.0 x 22.23	C 24/30 RS-BF42	25	66252831193	8711479269899
230 x 3.0 x 22.23	C 24/30 RS-BF42	25	66252831209	8711479114175



Cutting-Off & Grinding Wheels

Small Diameter Wheels





Small Diameter Wheels

Grinding – BF 27

flexOvit GENERAL PURPOSE



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
76 x 4.5 x 10.0	A 30 S-BF27	50	66252919030	8711479105623
76 x 7.0 x 10.0	A 30 S-BF27	50	66252829279	8711479105661

Cutting – BF 41

flexOvit GENERAL PURPOSE



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Universal applications

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
76 x 2.0 x 6.0	A 30 S-BF41	100	66252919946	8711479119286
76 x 2.0 x 8.0	A 30 S-BF41	100	66252919947	8711479119309
76 x 2.0 x 10.0	A 30 S-BF41	100	66252950745	8711479119347

flexOvit THIN CUT



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Easy and comfortable cutting
- Burr-free cutting result
- High stability

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
76 x 1.0 x 6.0	A 60 T-BF41	100	66252919378	8711479119088
76 x 1.0 x 8.0	A 60 T-BF41	100	66252919940	8711479329449
76 x 1.0 x 10.0	A 60 T-BF41	100	66252833014	8711479119149
76 x 1.6 x 6.0	A 46 T-BF41	100	66252919000	8711479119187
76 x 1.6 x 8.0	A 46 T-BF41	100	66252919944	8711479329463
76 x 1.6 x 10.0	A 46 T-BF41	100	66252833237	8711479119224

Cutting-Off & Grinding Wheels

Foundry





Foundry

Grinding – BF 27

flexOvit Foundry ZA 203 T



- Hardness: hard
- Steel/nodular and grey cast iron

- Optimised for high frequency machines with power > 3KW

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
230 x 7.0 x 22.23	ZA 203 T-BF27	10	66252829266	8711479110566

flexOvit Foundry ZA 203 R



- Hardness: medium
- Steel/nodular and grey cast iron

- Optimised for high frequency machines with power > 3KW

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
115 x 7.0 x 22.23	ZA 203 R-BF27	10	66252829207	8711479334955
125 x 7.0 x 22.23	ZA 203 R-BF27	10	66252829222	8711479260926
180 x 7.0 x 22.23	ZA 203 R-BF27	10	66252829247	8711479261077
230 x 7.0 x 22.23	ZA 203 R-BF27	10	66252832573	8711479240126

flexOvit Foundry ZA 24 R INOX



- Hardness: medium
- Stainless steel/inox/modular and grey cast iron

- Free of iron, sulphur and chlorine
- Optimised for high frequency machines with power > 3KW

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
180 x 7.5 x 22.23	ZA 24 R-BF27 INOX	10	66252833222	8711479304392
230 x 7.5 x 22.23	ZA 24 R-BF27 INOX	10	66252832955	8711479304415

flexOvit Foundry ZA 30 S



- Hardness: medium

- Steel/nodular and grey cast iron

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
230 x 4.0 x 22.23	ZA 30 S-BF27	20	66252919708	8711479109973
230 x 4.5 x 22.23	ZA 30 S-BF27	20	66252829252	8711479243165
230 x 5.0 x 22.23	ZA 30 S-BF27	10	66252919711	8711479334931

flexOvit Foundry ZA 24 R INOX



- Hardness: soft
- Stainless steel/inox/nodular and grey cast iron

- Free of iron, sulphur and chlorine

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
125 x 7.0 x 22.23	ZA 24 R-BF27 INOX	10	66252919667	8711479304354
180 x 7.0 x 22.23	ZA 24 R-BF27 INOX	10	66252919690	8711479181672
230 x 7.0 x 22.23	ZA 24 R-BF27 INOX	10	66252919715	8711479335150

Grinding – BF 41 & BF 42

flexOvit Foundry ZA 203 T



- Hardness: hard
- Nodular and grey cast iron

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
230 x 3.4 x 22.23	ZA 203 T-BF42	25	66252950768	8711479186257

flexOvit Foundry ZA 30 S



- Hardness: medium
- Nodular and grey cast iron

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
230 x 3.4 x 22.23	ZA 30 S-BF41	25	66252831082	8711479334894
230 x 3.4 x 22.23	ZA 30 S-BF42	25	66252831202	8711479186738

flexOvit Foundry ZAC 24 S



- Hardness: medium
- Steel/cast sand/white and grey cast iron
- Special combination of zirconia, aluminium oxide and silicon carbide grain

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
230 x 2.5 x 22.23	ZAC 24 S-BF41	25	66252919222	8711479122705
230 x 3.0 x 22.23	ZAC 24 S-BF41	25	66252920075	8711479123078
230 x 3.4 x 22.23	ZAC 24 S-BF42	25	66252829573	8711479336997

flexOvit Foundry ZA 24 R



- Hardness: soft
- Nodular and grey cast iron

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
230 x 3.4 x 22.23	ZA 24 R-BF41	25	66252920078	8711479335594
230 x 3.4 x 22.23	ZA 24 R-BF42	25	66252831201	8711479109645



Cutting-Off & Grinding Wheels

Rail





Rail

Cutting – BF 41

flexOvit ZA 24 Q-BF41 HARD



- Rail/steel
- Hardness: hard
- Special combination of zirconia and aluminium oxide grain
- White and straight cuts
- Quick and free cutting
- Long wheellife
- Designed for petrol and electric rail cut machines with clamping device
- 300mm wheels 80m/s
- 356/406mm wheels 100m/s

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 22.23	ZA 24 Q-BF41/80 Rail Cut Hard	10	66252920092	8711479338168
356 x 4.0 x 22.23	ZA 24 Q-BF41/100 Rail Cut Hard	10	66252920150	8711479355882
356 x 4.0 x 25.4	ZA 24 Q-BF41/100 Rail Cut Hard	10	66252833001	8711479338229
406 x 4.0 x 25.4	ZA 24 Q-BF41/100 Rail Cut Hard	10	66252833112	8711479338281

flexOvit A 24 Q-BF41 MEDIUM



- Rail/steel
- Hardness: medium
- White and straight cuts
- Quick and free cutting
- Designed for petrol and electric rail cut machines with clamping device
- 300mm wheels 80m/s
- 356/406mm wheels 100m/s

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 22.23	A 24 Q-BF41/80 Rail Cut Medium	10	66252920091	8711479338144
356 x 4.0 x 20.0	A 24 Q-BF41/100 Rail Cut Medium	10	66252920149	8711479378669
356 x 4.0 x 22.23	A 24 Q-BF41/100 Rail Cut Medium	10	66252921826	8711479391347
356 x 4.0 x 25.4	A 24 Q-BF41/100 Rail Cut Medium	10	66252832796	8711479338205
406 x 4.0 x 25.4	A 24 Q-BF41/100 Rail Cut Medium	10	66252832954	8711479338267

flexOvit A 24 P-BF41 SOFT

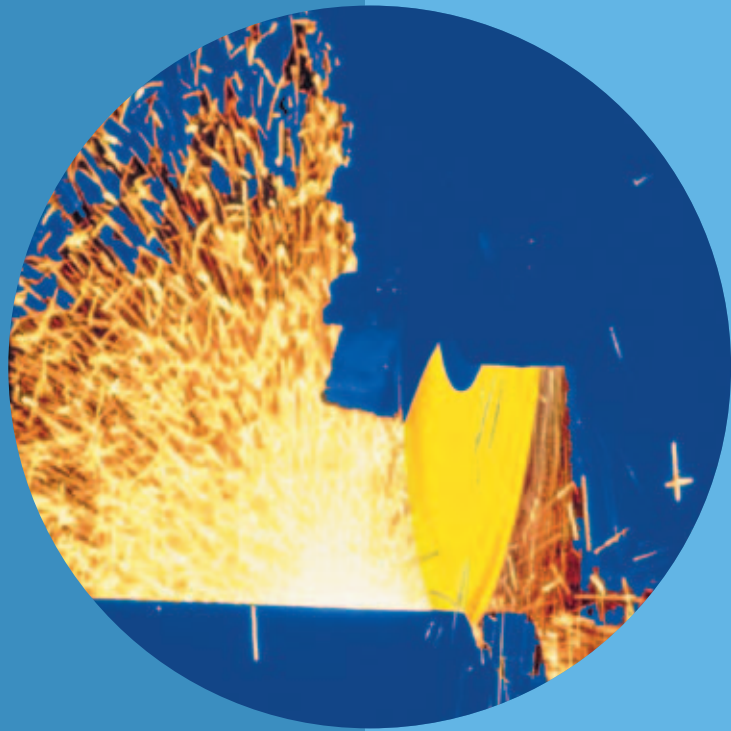


- Rail/steel/stainless steel/inox
- Iron free
- Hardness: soft
- White and straight cuts
- Quick and free cutting
- Designed for petrol and electric rail cut machines with clamping device
- 300mm wheels 80m/s
- 356/406mm wheels 100m/s

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 22.23	A 24 P-BF41/80 Rail Cut Soft	10	66252920090	8711479338120
356 x 4.0 x 25.4	A 24 P-BF41/100 Rail Cut Soft	10	66252833233	8711479338182
406 x 4.0 x 25.4	A 24 P-BF41/100 Rail Cut Soft	10	66252920164	8711479338243

Cutting-Off & Grinding Wheels

Large
Diameter
Wheels





Large Diameter Wheels

Petrol Saws – BF 41

flexOvit A 30 S-BF41



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheellife
- Quick and free cutting
- 300mm wheels 80m/s
- 356mm wheels 100m/s
- Petrol and electrical saws

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 20.0	A 30 S-BF41/80	10	66252918950	8711479338304
300 x 3.5 x 22.23	A 30 S-BF41/80	10	66252918951	8711479338328
300 x 3.5 x 25.4	A 30 S-BF41/80	10	66252918952	8711479338571
356 x 4.0 x 20.0	A 30 S-BF41/100	10	66252920154	8711479338359
356 x 4.0 x 22.23	A 30 S-BF41/100	10	66252920155	8711479338373
356 x 4.0 x 25.4	A 30 S-BF41/100	10	66252918956	8711479338397

flexOvit C 30 S-BF41



- Stone/concrete/masonry
- Iron free
- Long wheellife
- Quick and free cutting
- 300mm wheels 80m/s
- 356mm wheels 100m/s
- Petrol and electrical saws

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 20.0	C 30 S-BF41/80	10	66252951158	8711479338410
300 x 3.5 x 22.23	C 30 S-BF41/80	10	66252951156	8711479338434
300 x 3.5 x 25.4	C 30 S-BF41/80	10	66252951157	8711479338458
356 x 4.0 x 20.0	C 30 S-BF41/100	10	66252920237	8711479338472
356 x 4.0 x 22.23	C 30 S-BF41/100	10	66252920238	8711479338496
356 x 4.0 x 25.4	C 30 S-BF41/100	10	66252918961	8711479338519

SPEEDO FLEX A 24/30 S-BF41



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- 80m/s
- Petrol and electrical saws

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 20.0	A 24/30 S-BF41/80	10	66252920115	8711479302800
300 x 3.5 x 22.23	A 24/30 S-BF41/80	10	66252831103	8711479302824
300 x 3.5 x 25.4	A 24/30 S-BF41/80	10	66252833022	8711479291692

SPEEDO FLEX C 24/30 RS-BF41



- Stone
- Iron free
- 80m/s
- Petrol and electrical saws

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 20.0	C 24/30 RS-BF41/80	10	66252920225	8711479302848
300 x 3.5 x 22.23	C 24/30 RS-BF41/80	10	66252833024	8711479302862
300 x 3.5 x 25.4	C 24/30 RS-BF41/80	10	66252920226	8711479291715



Chop Saws – BF 41

flexOvit A 30 S-BF41



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheel life
- Quick and free cutting
- Burn and burr-free cutting
- High stability provides straight cuts
- Designed for small electric table and fixed machines
- Maximum safety due to 2 reinforcements
- 80m/s

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 2.6 x 25.4	A 30 S-BF41/80	10	66252920082	8711479338533
300 x 2.6 x 32.0	A 30 S-BF41/80	10	66252920084	8711479350276
356 x 2.6 x 25.4	A 30 S-BF41/80	10	66252918953	8711479338557
356 x 2.6 x 32.0	A 30 S-BF41/80	10	66252833057	8711479356087
406 x 3.2 x 25.4	A 30 S-BF41/80	10	66252918957	8711479356100
406 x 3.2 x 32.0	A 30 S-BF41/80	10	69936617084	8711479335082



SPEEDO FLEX A 24/30 S-BF41



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- 80m/s
- Small electric table machines

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 2.6 x 25.4	A 24/30 S-BF41/80	10	66252832864	8711479123610
356 x 2.6 x 25.4	A 24/30 S-BF41/80	10	66252831130	8711479289255





Large Diameter Wheels

Stationary Machines – BF 41

flexOvit A 30 S-BF41



- Steel/stainless steel/inox
- Free of iron, sulphur and chlorine
- Long wheel life
- Quick and free cutting
- Burn and burr-free cutting
- High stability provides straight cuts
- Designed for stationary machines
- 80m/s

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 3.5 x 22.23	A 30 S-BF41/80	10	66252920097	8711479355929
300 x 3.5 x 25.4	A 30 S-BF41/80	10	66252920098	8711479355943
300 x 3.5 x 32.0	A 30 S-BF41/80	10	66252920100	8711479355967
356 x 3.5 x 25.4	A 30 S-BF41/80	10	66252918954	8711479355981
356 x 3.5 x 32.0	A 30 S-BF41/80	10	66252920130	8711479356001
406 x 4.0 x 25.4	A 30 S-BF41/80	10	66252920168	8711479356025
406 x 4.0 x 32.0	A 30 S-BF41/80	10	66252832996	8711479356049
406 x 4.0 x 40.0	A 30 S-BF41/80	10	66252920169	8711479356063

Rescue – BF 41

flexOvit AC 30 S-BF 41



- Rescue cutting wheel for all kind of materials like metal, stone, concrete, asphalt, rail, glass and pvc thanks to the special blend of premium aluminium oxide and silicon carbide grains
- Quick and free cutting
- Extremely strong reinforcements insure considerable increases of reliability, stability and safety within rescue work
- Designed for powerful portable petrol rescue cutting machines
- 100m/s

Dimensions (mm) D x T x B	Specification	Quantity per Case	Article Number	Barcode
300 x 4.0 x 25.4	AC 30 S-BF41/100	10	66252920112	8711479348211
356 x 4.0 x 25.4	AC 30 S-BF41/100	10	66252920158	8711479348235
406 x 4.5 x 25.4	AC 30 S-BF41/100	10	66252920179	8711479348259