

# Cutting-Off & Grinding Wheels



## 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 Lynx (standard performance) product lines to help you choose the right product for your specific application.



### FLEXOVIT

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



### FLEXOVIT LYNX

Flexovit Lynx 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.

## 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

### 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:  
V04/2016 indicates production in the 2nd quarter of 2013 and advised usage before the end of 2nd quarter of 2016

# Cutting-Off & Grinding Wheel



# Cutting-off Wheels

## Cutting – BF 42

A30S I/F  
A24/30T I/F



- Standard grade - for cutting stainless steel and ferrous metals
- Free of iron (I/F)
- Fast cutting and excellent life Suitable for notching

P/N	Size (mm)	Specification	MAX R.P.M.	Std. Pack Qty.	Article Number
6710234	100x3.4x16.0	A30S-BF42 I/F	15 300	100	66252844034
	115x2.5x22.23	A30S-BF42 I/F	13 300	100	
6711534	115x3.4x22.23	A30S-BF42 I/F	13 300	100	66253371148
6812734	125x3.4x22.23	A24/30T-BF42 I/F	12 250	100	66252844035
6817834	180x3.4x22.23	A24/30T-BF42 I/F	8 500	50	66252844033
6823034	230x3.4x22.23	A24/30T-BF42 I/F	6 650	20	66253371251

A30S  
A24/30T



- General purpose cutting of ferrous metals including structural steel and sheet metals
- Excellent cutting performance and life Suitable for notching

P/N	Size (mm)	Specification	MAX R.P.M.	Std. Pack Qty.	Article Number
6310234	100x3.4x16.0	A30S-BF42	15 300	100	66252844069
6311534	115x3.4x22.23	A30S-BF42	13 300	100	66253371147
6012734	125x3.4x22.23	A24/30T-BF42	12 250	100	66252844070
6017834	180x3.4x22.23	A24/30T-BF42	8 500	50	66252844068
6023034	230x3.4x22.23	A24/30T-BF42	6 650	20	66252844130

# Large Diameter Wheels

## Chop Saws - BF41

A36S (80 m/s)



- General purpose cutting of stainless steel and ferrous metals (bar, tubing, etc).
- Fast cutting and excellent life.

P/N	Size (mm)	Specification	MAX R.P.M.	Std. Pack Qty.	Article Number
1930525	300x3.0x25.4	A36S-BF41	5 100	10	66252844135
1935625	350x3.0x25.4	A36S-BF41	4 400	10	66252844136
1940625	406x3.0x25.4	A36S-BF41	3 850	10	66252844137

A30Q (100 m/s)



- Metal cutting for higher speed (petrol and electrical) saws and heavy-duty applications

P/N	Size (mm)	Specification	MAX R.P.M.	Std. Pack Qty.	Article Number
2835625	350x3.8x25.4	A30Q Hard-BF41 2UE790QR	4 400	10	66252844143

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