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

#### 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 handheld 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) Vo1 Vo4 Vo7 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

### 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

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

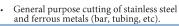
#### A36S (80 m/s)











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 elextrical) 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