

DISC TYPES & APPLICATIONS

We stock a comprehensive range of premium quality Cutting, Grinding and Extra Thin Discs available for every application.

RANGE INFO

Abracs' signature product range, we offer one of the most comprehensive and highest quality abrasive disc ranges available on the UK market. We have an extensive range of Cutting, Grinding, Extra Thin and Specialist discs available for use on a wide range of applications. All Abracs discs are subject to our rigorous quality control procedures and are manufactured to European safety standards. We have classified the range into 3 star and 5 star quality levels & application types to make selecting the right product as easy as possible.



ABRASIVE CUTTING DISCS

Our Cutting Discs offer consistent and smooth cutting, maximum product lifespan, performance and quality. Available in a comprehensive range of sizes for a wealth of applications including metal, stone, stainless steel and aluminium cutting supplied in both Proflex 3 star and Phoenix 5 star quality levels.



ABRASIVE GRINDING DISCS

Our Grinding Discs offer heavy duty abrasive grinding, excellent performance and incredible product life. Available in a comprehensive range of sizes for a wealth of applications including metal, stone, stainless steel and aluminium grinding supplied in both Proflex 3 star and Phoenix 5 star quality levels.



EXTRA THIN CUTTING DISCS

Our Extra Thin Cutting Discs are INOX discs designed for fast and precise low vibration cutting and are both high performance and long lasting. Suitable for a wealth of metal applications including stainless steel. Available in both Proflex 3 star and Phoenix 5 star quality levels.

QUALITY LEVELS

Our abrasive discs range is split into 2 professional quality levels to make blade selection simple.

PROFLEX ★★☆☆☆

PROFLEX 3 STAR Cutting, Grinding and Extra Thin Discs are extended performance, professional quality products manufactured using high quality materials with an attractive price-performance ratio for the price conscious consumer.

PHOENIX ★★★★★

PHOENIX 5 STAR Cutting, Grinding and Extra Thin Discs are ultimate performance, produced to O.S.A. Safety standards & manufactured using premium quality materials, giving long life and excellent value, offering one of the best cost per cut ratios in the market.

APPLICATION GUIDE

Our range is separated into discs for Metal, Stone, Inox and Aluminium. Applications are highlighted with a category colour.



METAL

Metal cutting discs are suitable for a wide range of metal applications including mild steel, iron, sheet steel & construction steel.



STONE

Stone cutting discs are suitable for a wide range of stone applications including natural stone, concrete, bricks & tiles.



INOX

INOX cutting discs are specially designed for use on stainless steel as well as a wide range of non-ferrous metals.

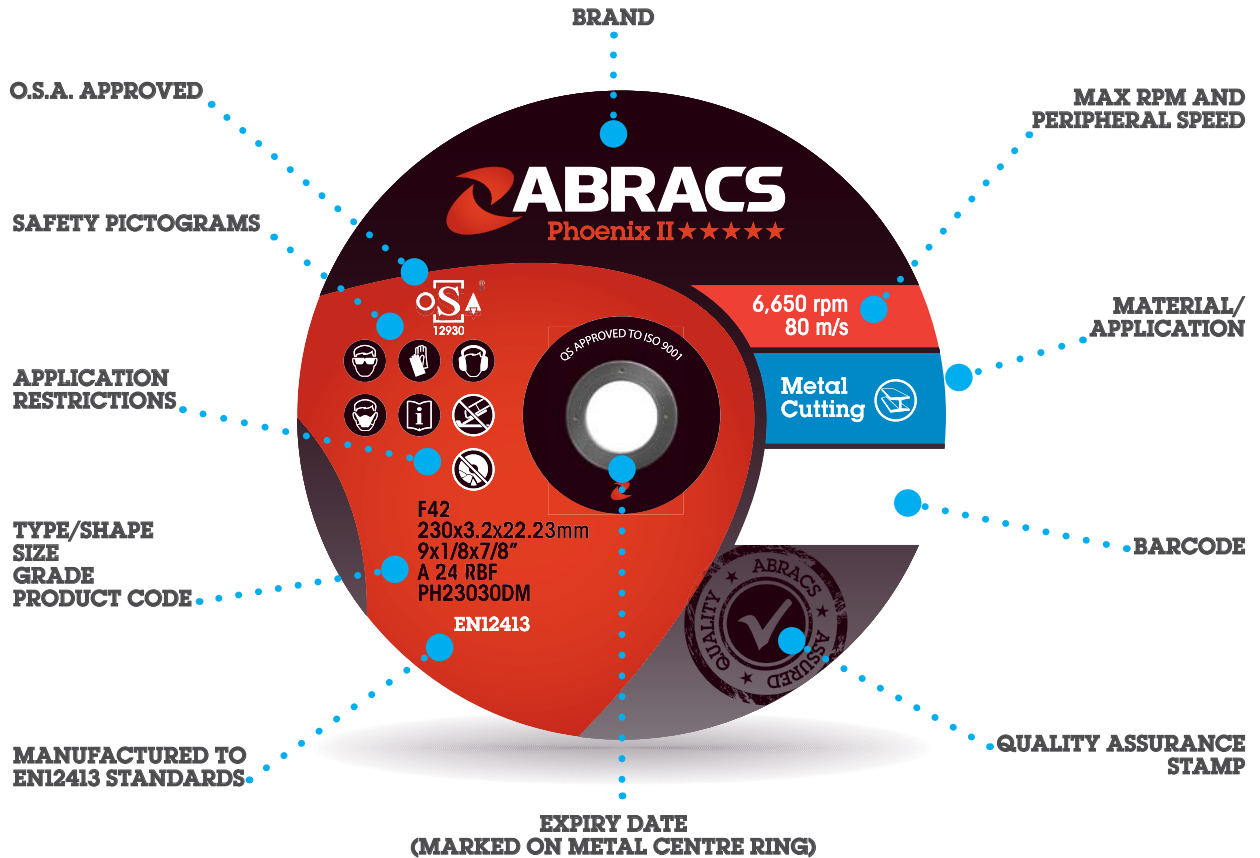


ALUMINIUM

Aluminium cutting discs are specially designed for use on Aluminium as well as a wide range of non-ferrous metals.

ABRASIVE DISCS MARKING SYSTEM

Training and additional information on the safe use and fitting of abrasive wheels is available from Abracs.



GRADE EXPLANATION

INDICATES THE ABRASIVE GRAIN
 A = Aluminium Oxide for metal
 C = Silicon Carbide for stone

INDICATES THE HARDNESS OF THE DISC

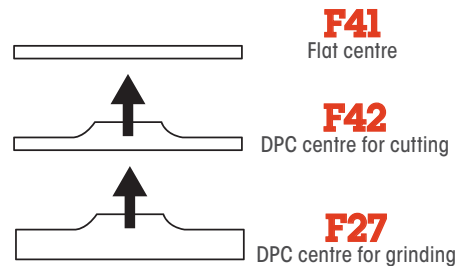
A 30 S BF

INDICATES THE GRIT SIZE
 The higher the number, the finer the grade

INDICATES THE NATURE OF THE BOND
 'BF' stands for reinforced bond

SHAPE EXPLANATION

Abrasive discs are available in several different types, the most commonly used are shown below.



THE SAFE USE OF ABRASIVE CUTTING & GRINDING DISCS

It is very important to always comply with all safety and accident prevention regulations when using abrasive cutting and grinding discs.

All Abracs blades are marked with the appropriate safety information pictograms.



Always observe ALL safety instructions



Always wear ear protection



Always wear a dust mask



Always wear safety goggles or glasses



Always wear safety gloves

MAXIMUM OPERATING SPEEDS ARE MARKED CLEARLY ON ALL ABRACS DISCS AND SHOULD NEVER BE EXCEEDED.

CUTTING DISCS PROFLEX & PHOENIX II

Abracs Cutting Discs are available in both Proflex 3 star & Phoenix 5 Star quality levels for metal & stone applications in an extensive range of sizes. Our experience in manufacturing processes developed over nearly 3 decades, combined with the use of premium quality raw materials enables us to produce cutting discs with significant increases in product lifespan, performance and quality. All Abracs cutting discs are manufactured to European safety standards and marked with EN12413.

PROFLEX ★★☆☆☆

Proflex discs offer professional quality performance and are a great value cutting disc, priced competitively with an exceptional cost per-cut ratio.

PHOENIX ★★★★★

Phoenix discs are produced to O.S.A. Safety standards. Manufactured using premium quality materials, Phoenix 5 star discs offer ultimate performance, long life, outstanding value and one of the best cost per-cut ratio's in the market.



If you need any help selecting a disc for a specific machine or application the Abracs team can help.



Bulk rates are available for outer quantities and volume orders. Ask the team for details.



Use PF in the highlighted area of the product code for Proflex discs or PH for Phoenix discs e.g. PH11530FM



Specification		Grade	Max RPM	Box Qty	Outer Qty	Product Code	Proflex List Price	Phoenix List Price
100mm x 3.0mm x 16mm DPC Metal Cutting Disc	●	A30S4BF	15,200	25	400	(PF/PH)10030DM	£0.68	£1.16
100mm x 3.0mm x 16mm Flat Metal Cutting Disc	●	A30S4BF	15,200	25	400	(PF/PH)10030FM	£0.68	£1.16
100mm x 3.0mm x 16mm DPC Stone Cutting Disc	●	C30S4BF	15,200	25	400	(PF/PH)10030DS	£0.71	£1.19
100mm x 3.0mm x 16mm Flat Stone Cutting Disc	●	C30S4BF	15,200	25	400	(PF/PH)10030FS	£0.71	£1.19
115mm x 3.0mm x 22mm DPC Metal Cutting Disc	●	A30S4BF	13,200	25	200	(PF/PH)11530DM	£0.73	£1.28
115mm x 3.0mm x 22mm Flat Metal Cutting Disc	●	A30S4BF	13,200	25	200	(PF/PH)11530FM	£0.73	£1.28
115mm x 3.0mm x 22mm DPC Stone Cutting Disc	●	C30S4BF	13,200	25	200	(PF/PH)11530DS	£0.76	£1.33
115mm x 3.0mm x 22mm Flat Stone Cutting Disc	●	C30S4BF	13,200	25	200	(PF/PH)11530FS	£0.76	£1.33
125mm x 3.0mm x 22mm DPC Metal Cutting Disc	●	A30S4BF	12,200	25	200	(PF/PH)12530DM	£0.86	£1.45
125mm x 3.0mm x 22mm Flat Metal Cutting Disc	●	A30S4BF	12,200	25	200	(PF/PH)12530FM	£0.86	£1.45
125mm x 3.0mm x 22mm DPC Stone Cutting Disc	●	C30S4BF	12,200	25	200	(PF/PH)12530DS	£0.88	£1.48
125mm x 3.0mm x 22mm Flat Stone Cutting Disc	●	C30S4BF	12,200	25	200	(PF/PH)12530FS	£0.88	£1.48
178mm x 3.0mm x 22mm DPC Metal Cutting Disc	●	A30S4BF	8,600	25	100	(PF/PH)17830DM	£1.33	£1.82
178mm x 3.0mm x 22mm Flat Metal Cutting Disc	●	A30S4BF	8,600	25	100	(PF/PH)17830FM	£1.33	£1.82
178mm x 3.0mm x 22mm DPC Stone Cutting Disc	●	C30S4BF	8,600	25	100	(PF/PH)17830DS	£1.43	£2.10
178mm x 3.0mm x 22mm Flat Stone Cutting Disc	●	C30S4BF	8,600	25	100	(PF/PH)17830FS	£1.43	£2.10
230mm x 3.0mm x 22mm DPC Metal Cutting Disc	●	A30S4BF	6,600	25	50	(PF/PH)23030DM	£1.69	£2.38
230mm x 3.0mm x 22mm Flat Metal Cutting Disc	●	A30S4BF	6,600	25	50	(PF/PH)23030FM	£1.69	£2.38
230mm x 3.0mm x 22mm DPC Stone Cutting Disc	●	C30S4BF	6,600	25	50	(PF/PH)23030DS	£1.82	£2.58
230mm x 3.0mm x 22mm Flat Stone Cutting Disc	●	C30S4BF	6,600	25	50	(PF/PH)23030FS	£1.82	£2.58
300mm x 3.5mm x 20mm Flat Metal Cutting Disc	●	A30S4BF	5,100	25	-	(PF/PH)3003020FM	£2.93	£3.40
300mm x 3.5mm x 22mm Flat Metal Cutting Disc	●	A30S4BF	5,100	25	-	PH3002022FM	-	£3.40
300mm x 3.5mm x 25mm Flat Metal Cutting Disc	●	A30S4BF	5,100	25	-	PH3002025FM	-	£3.40
300mm x 4.0mm x 20mm Flat Stone Cutting Disc	●	C30S4BF	5,100	25	-	(PF/PH)3003020FS	£3.15	£3.40
300mm x 4.0mm x 22mm Flat Stone Cutting Disc	●	C30S4BF	5,100	25	-	(PF/PH)3003022FS	-	£3.40
300mm x 4.0mm x 22mm Flat Stone Cutting Disc	●	C30S4BF	5,100	25	-	(PF/PH)3003025FS	-	£3.40
350mm x 2.5mm x 25mm Flat Metal Cutting Disc	●	A36SBF	4,000	25	-	PH3502525FM	-	£6.07
350mm x 2.8mm x 25mm Flat Metal Cutting Disc	●	A24RBF	4,000	25	-	PF3502825FM	£4.63	-
350mm x 3.5mm x 22mm Flat Metal Cutting Disc	●	A30S4BF	5,500	25	-	PH3503522FM	-	£9.50
350mm x 3.5mm x 25mm Flat Metal Cutting Disc	●	A24S4BF	4,370	25	-	PH3503525FM	-	£9.50
350mm x 4.0mm x 20mm Flat Metal Cutting Disc	●	A24RBF	5,500	25	-	PH3504020FM	-	£9.50
350mm x 3.0mm x 25mm Flat Stone Cutting Disc	●	C30S4BF	4,370	25	-	PH3503025FS	-	£9.87
400mm x 4.0mm x 32mm Flat Metal Cutting Disc	●	A24SBF	4,800	10	-	PH4004032FM	-	£11.00
450mm x 4.5mm x 32mm Flat Metal Cutting Disc	●	A30SBF	4,200	10	-	PH4504532FM	-	£14.99
500mm x 4.5mm x 32mm Flat Metal Cutting Disc	●	A24SBF	3,800	10	-	PH5004532FM	-	£22.31

FOR REFERENCE ONLY – PRICE MAY NOT REFLECT CURRENT PRICING