

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.

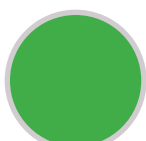
APPLICATION GUIDE

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.

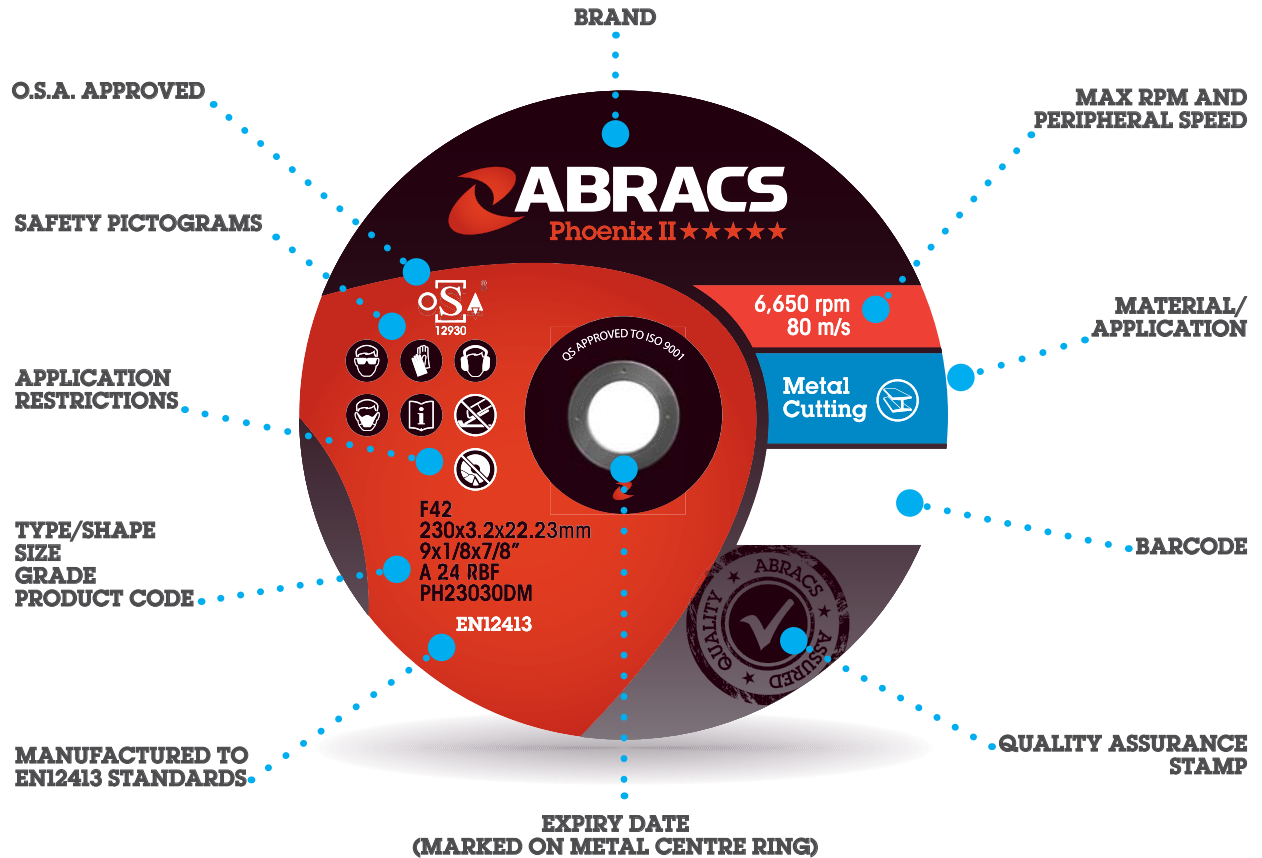


ALUMINIUM

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

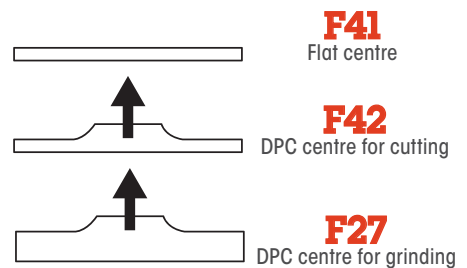
A 30 S BF

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.

EXTRA THIN CUTTING PHOENIX II ★★★★★

Our Phoenix discs are one of our signature products. A superior quality European manufactured range of extra thin cutting discs produced to O.S.A. Safety standards. Extremely fast and precise cutting with minimal effort required. Phoenix discs have been developed for precision cutting sheet metal and with strengthened core stability for reduced vibration. Our Phoenix Extra Thin Discs do not contain iron, sulphur or chlorine so are suitable for stainless steel cutting applications.



Brand new Phoenix 230mm x 2.0mm DPC now available for increased stability Extra Thin Cutting.



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



INOX

Specification	Grade	Max RPM	Box Qty	Outer Qty	Product Code	List Price
50mm x 1.0mm x 10mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A60RBF	30,560	100	-	PH05010FI	£1.03
75mm x 1.0mm x 10mm Flat INOX Extra Thin Cutting Disc PHOENIX II	A46TBF	20,400	100	-	PH07510FI	£1.18
75mm x 1.6mm x 10mm Flat INOX Extra Thin Cutting Disc PHOENIX II	A46TBF	20,400	100	-	PH07516FI	£1.19
75mm x 2.0mm x 10mm Flat INOX Extra Thin Cutting Disc PHOENIX II	A46TBF	20,400	100	-	PH07520FI	£1.20
100mm x 1.0mm x 10mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A60RBF	16,000	50	-	PHET1001010FI	£1.50
100mm x 1.0mm x 16mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	15,200	50	-	PHET10010FI	£1.50
100mm x 1.2mm x 16mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	15,200	50	-	PHET10012FI	£1.56
100mm x 1.6mm x 16mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	15,200	50	-	PHET10016FI	£1.56
115mm x 0.75mm x 22mm DPC INOX Ultra Thin Cutting Disc PHOENIX II	20A46RBF	13,300	50	-	PHET115075DI	£1.66
115mm x 1.0mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	13,300	50	-	PHET11510FI	£1.56
115mm x 1.0mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	13,300	1000	-	PHET11510FI1000	£1.22
115mm x 1.2mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	13,300	50	-	PHET11512FI	£1.91
115mm x 1.6mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	13,300	50	-	PHET11516FI	£1.91
125mm x 1.0mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	12,200	50	-	PHET12510FI	£1.79
125mm x 1.2mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	12,200	50	-	PHET12512FI	£2.09
125mm x 1.6mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	12,200	50	-	PHET12516FI	£2.09
178mm x 1.6mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	8,600	50	-	PHET17816FI	£2.68
230mm x 1.8mm x 22mm Flat INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	6,600	25	-	PHET23018FI	£3.46
230mm x 2.0mm x 22mm DPC INOX Extra Thin Cutting Disc PHOENIX II	20A46RBF	6,600	25	-	PHET23020DI	£3.46

FOR REFERENCE ONLY – PRICE MAY NOT REFLECT CURRENT PRICING

EXTRA THIN CUTTING PROFLEX ★★☆☆☆

Proflex Extra Thin are an incredibly good value product with an exceptional cost per cut ratio. Manufactured to European quality standards, a high performance disc designed for speed, accuracy and long life. Our Proflex Extra Thin Discs do not contain iron, sulphur or chlorine so are suitable for stainless steel cutting applications.



Proflex 115mm x 1.0mm Extra Thin discs are supplied in both tins of 10 And 25's, see the table for details.



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



INOX

Specification	Grade	Max RPM	Box Qty	Outer Qty	Product Code	List Price
100mm x 1.0mm x 16mm Flat INOX Extra Thin Cutting Disc PROFLEX	A60TBF	15,200	100	500	PFET10010FI	£0.88
115mm x 1.0mm x 22mm Flat INOX Extra Thin Cutting Disc PROFLEX (TINS OF 10)	A60TBF	13,300	100	500	PFET11510FI	£0.98
115mm x 1.0mm x 22mm Flat INOX Extra Thin Cutting Disc PROFLEX (BULK 25's)	A60TBF	13,300	500	500	PFET11510FI1000	£0.87
115mm x 1.6mm x 22mm Flat INOX Extra Thin Cutting Disc PROFLEX	A60TBF	13,300	100	500	PFET11516FI	£1.03
125mm x 1.0mm x 22mm Flat INOX Extra Thin Cutting Disc PROFLEX	A60RBF	12,200	100	500	PFET12510FI	£1.34
125mm x 1.6mm x 22mm Flat INOX Extra Thin Cutting Disc PROFLEX	A60RBF	12,200	100	500	PFET12516FI	£1.43
230mm x 1.8mm x 22mm Flat INOX Extra Thin Cutting Disc PROFLEX	A60RBF	6,600	25	100	PFET23018FI	£2.35

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