



C. WOERMANN
(NIGERIA) LIMITED



C.WOERMANN (NIGERIA) LIMITED | 6, Badejo Kalesanwo Street, Matori Industrial Estate, Lagos, Nigeria
Phone +234 (0) 1 291 8597 | info@woermann-nigeria.com | www.woermann-nigeria.com

KLINGSPOR AND C.WOERMANN NIGERIA

Two strong partners work together for your needs here in Nigeria: cutting, grinding, sanding and polishing with excellence



KLINGSPOR KNOWS HOW IT WORKS – USE THEIR PRODUCTS FOR YOUR SAFE, FAST, AND SUCCESSFUL OPERATIONS!

KLINGSPOR was founded 1893 as a family owned business in Haiger, Germany. KLINGSPOR with their Brands KLINGSPOR® & KRONEN-

FLEX® are today among the TOP 5 leading Makers of Abrasives worldwide.

Their fantastic, durable and economical product range comprises of virtually all types of abrasives for working on all kinds of materials. Bonded Abrasives, fibre discs, sanding belts – even tailor made on order – burrs, diamond cutting/grinding discs, accessories – manufactured in their own factories in superb quality!

DAILY PRODUCTION

- 350,000 cutting-off wheels and grinding discs
- 110,000 abrasive mop discs
- 100,000 sqm of coated abrasives

WE ARE YOUR PARTNER IN NIGERIA FOR HIGH-QUALITY TECHNICAL EQUIPMENT AND TOOLS.

C.Woermann (Nig.) Ltd., founded in 1837, established in Lagos, Matori since 1968, are proud to be Partners of KLINGSPOR Co. in Nigeria.

We import and keep stocks of technical Products including MAKITA® Power Tools and MILLER® Welding Equipment serving as your one-stop shop for all metal working applications – and many more!

Our well trained and experienced staff is waiting to serve you!



Table of Contents



Bonded Abrasives

Cutting-off Discs for Steel and other Metals	4
Combined Cutting/Grinding Discs	5
Grinding Discs	5



Diamond Cutting Discs

Diamond Cutting Discs	6
Diamond Cutting and Cup Grinding Discs	7



Coated Abrasives

Fibre Discs, Strain Mesh & Sanding Belts	8
Mop Discs & Finishing Drums	
Grinding Cups for Steel	9
Sanding Sheets, Papers & Discs	10
Sanding Paper in Rolls, Sheets, Carbide Burrs & Accessories	11

BONDED ABRASIVES

Cutting-Off Discs for Steel and other Metals

A 324

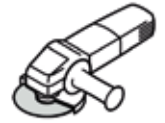


STANDARD WHEELS FOR METAL

115 x 22.23 x 2.5 mm, depressed **KL341301**
 125 x 22.23 x 2.5 mm, depressed **KL341300**
 180 x 22.23 x 3.0 mm, depressed **KL341299**
 230 x 22.23 x 3.0 mm, depressed **KL341298**

- Hard-wearing 2.5 mm cutting-off wheel delivering top performance in any type of application
- Stellar cutting performance plus long service life
- Exceedingly wide range of possible c

A 24 N

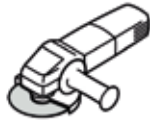


FOR STAINLESS STEEL

115 x 22.23 x 2.5 mm, depressed **KL3020**
 125 x 22.23 x 2.5 mm, depressed **KL2951**
 230 x 22.23 x 3.0 mm, depressed **KL13477**

- Special recipe prevents smearing and clogging
- High removal rate on stainless steel due to hardened aluminium oxide

A 46 TZ



FOR STAINLESS STEEL, STEEL

230 x 22.23 x 1.9 mm, flat **KL224084**

- Free of iron, sulfur and chlorine
- Universal use on steel and stainless steel
- First choice for professional applications and fast cutting of demanding materials

A 36 TZ

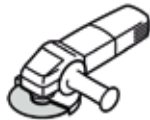


FOR STAINLESS STEEL

115 x 22.23 x 2 mm, flat **KL136549**
 180 x 22.23 x 2 mm, flat **KL136551**
 230 x 22.23 x 2 mm, flat **KL136552**

- Very good cutting performance, even with low grinding pressure

A 960 TZ



FOR STAINLESS STEEL, STEEL

115 x 22.23 x 1 mm, flat **KL322180**
 125 x 22.23 x 1 mm, flat **KL322181**

- Free of iron, sulfur and chlorine
- Short cutting times and long service life
- Low thermal load
- Low burr formation
- Optimized bonding for considerably longer service life
- For diverse applications
- 25 pieces delivered in a box for long lasting high performance and moisture protection

A 60 TZ



FOR STAINLESS STEEL, STEEL

115 x 22.23 x 1 mm, depressed **KL233741**
 115 x 22.23 x 1 mm, flat **KL202400**
 125 x 22.23 x 1 mm, flat **KL202401**

- Free of iron, sulfur and chlorine
- Short cutting times
- Minimal burr formation
- Low thermal load

Z 960 TX



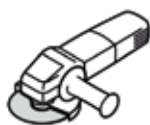
FOR STAINLESS & CARBON STEEL, ALLOYS, TITANIUM

115 x 22.23 x 1 mm, flat **KL322184**
 125 x 22.23 x 1 mm, flat **KL322185**

- Free of iron, sulfur and chlorine
- Ideal for tough/hard materials such as titanium and high alloy steels
- Short cutting times and long service life due to self-sharpening zirconia alumina
- Low thermal load
- Low burr formation
- 25 pieces delivered in a box for long lasting high performance and moisture protection

Combined Cutting/Grinding Discs

A 46 VZ Special Edition



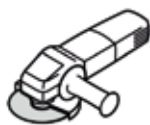
FOR STAINLESS STEEL/STEEL
 115 x 22.23 x 2 mm, depressed **KL298176**
 125 x 22.23 x 2 mm, depressed **KL298177**

- Long service life
- Multi-purpose: cutting off and light rough grinding with one wheel
- High aggressiveness in cutting
- No change of wheel necessary

**SPECTACULAR!
 THE UNIQUE
 ALL-IN-ONE SOLUTION**

Grinding Discs

A 324



STANDARD DISC FOR METAL
 115 x 22.23 x 6 mm, depressed **KL341297**
 125 x 22.23 x 6 mm, depressed **KL341303**
 180 x 22.23 x 6 mm, depressed **KL341302**
 230 x 22.23 x 6 mm, depressed **KL341304**

- Unrivalled service life
- Excellent stock removal rate
- Wide range of possible applications
- Work with different angles of attack between 15 and 30 degrees without having to change the angle

A 24 N



FOR STAINLESS STEEL
 115 x 22.23 x 6 mm, depressed **KL2923**
 125 x 22.23 x 6 mm, depressed **KL2922**
 230 x 22.23 x 6 mm, depressed **KL13432**

- High removal rate on stainless steel
- Optimal ratio between removal and wear

A 24 R



FOR STEEL
 100 x 16 x 6 mm, depressed **KL6578**
 230 x 22.23 x 4 mm, depressed **KL13428**

- With optimised recipe for use on steel
- Also suitable for use on stainless steel

A 24 R



FOR STEEL
 300 x 3 x 25,4 mm flat **KL6793**
 350 x 3,5 x 25,4 mm flat **KL13528**
 400 x 4,5 x 25,4 mm flat **KL292933**

- Optimized combination for use on steel
- Can be used on stainless steel
- Good cutting properties
- Optimal for stationary 3–5 kW cutting-off machine

Diamond Cutting Discs

DT 300 U



FOR CONSTRUCTION MATERIALS, CONCRETE, UNIVERSAL

Angle Grinder, Joint cutter

115 x 22.23 x 1.6 mm, 8 segments [KL325345](#)
 125 x 22.23 x 1.6 mm, 8 segments [KL325346](#)
 180 x 22.23 x 2 mm, 13 segments [KL325347](#)
 230 x 22.23 x 2.3 mm, 16 segments [KL325348](#)
 300 x 25.4 x 2.8 mm, 17 segments [KL325349](#)

- Product for universal use on general construction materials
- Excellent cutting performance
- Great price-performance ratio

DT 600 U



FOR CONSTRUCTION MATERIALS, CONCRETE, CHALKY SANDSTONE

Angle grinder

115 x 22.23 x 2.4 mm, 13 segments [KL322630](#)
 230 x 22.23 x 2.6 mm, 30 segments [KL322634](#)

Petrol powered cutter, table saw, joint cutter

350 x 20 x 3 mm, 37 segments [KL325194](#)
 350 x 25.4 x 3 mm, 37 segments [KL325195](#)
 400 x 20 mm x 3.2, 43 segments [KL325197](#)
 400 x 25.4 x 3.2 mm, 43 segments [KL325198](#)
 450 x 25.4 x 3.6 mm, 48 segments [KL325201](#)

- Suitable for a various range of applications
- High cutting performance
- Long service life thanks to the use of premium grade raw materials and diamonds
- Clean cutting edges
- Effortless cutting thanks to short serrated segments

DT 300 UT



FOR CONSTRUCTION MATERIALS, CONCRETE, TILES

Angle Grinder

100 x 1,9 x 22,23 mm 1,9 x 7 mm,
 closed rim turbo reduction ring 16
[KL330625](#)

- Suitable for a various range of applications
- Excellent cutting performance
- Great price-performance ratio
- Turbo segments for clean and nick-free edges

DT 900 FT



FOR STONEWARE, GLAZED, STOVE AND OTHER TILES, GRANITE

Angle Grinder

125 x 22.23 x 1.4 mm, continuous rim with turbo segments [KL325393](#)

- 1.4 mm thin professional blade for extremely demanding applications
- Work results of superior quality
- Continuous rim with turbo segments
- Clean and nick-free edges

DT 600 F



FOR STONEWARE, TILES, GLAZED TILES

Angle Grinder

230 x 22.23 mm, continuous rim [KL325372](#)

- Professional wheel for tiles and feldspar
- For precision working
- Short cutting-off times
- Clean edges

DT 602 A



FOR ASPHALT, SANDSTONE

Petrol Powered Cutter, Joint Cutter 10 KW

350 x 20 mm, 21 segments [KL327026](#)
 400 x 20 mm, 24 segments [KL327027](#)
 450 x 25.4 x 3.7 mm, 25 segments [KL325128](#)
 500 x 25.4 x 3.7 mm, 25 segments [KL325171](#)

- First-rate cutting performance
- Protective segments to guard the blade
- Great price-performance ratio
- Specially engineered for applications on asphalt
- Also suitable for use on electric joint cutters

DT 612 A



FOR ASPHALT

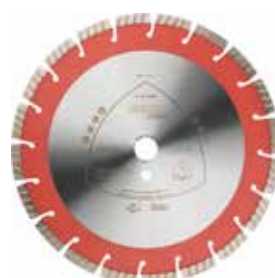
Petrol Powered Cutter, Joint Cutter 10kW

300 x 25.4 x 2.8 mm, 18 segments **KL330075**

400 x 25.4 x 3.4 mm, 24 segments **KL330077**

- High cutting speed combined with excellent service life
- Protective segments to shield the core
- Specially designed for applications on asphalt
- Also suitable for use on electric joint cutters

DT 900 B



FOR CONCRETE AND OTHER CONSTRUCTION MATERIALS

Petrol Power Cutter, Stationary Machines

350 x 20 x 3 mm, 22 segments **KL325080**

350 x 25.4 x 3 mm, 21 segments **KL325081**

400 x 20 x 3.2 mm, 26 segments **KL325113**

400 x 25.4 x 3 mm, 24 segments **KL325114**

- High performance blade with ultra high cutting speed thanks to turbo segments
- Specially engineered for effortless cutting through concrete
- Further increased service life thanks to titanium-coated diamonds

DT 350 U



FOR CONSTRUCTION MATERIALS, CONCRETE, UNIVERSAL

Petrol Powered Cutter, Table Saw, Joint Cutter 10 kW

350 x 25.4 x 3 mm, 24 segments **KL336221**

400 x 25.4 x 3.2 mm, 28 segments **KL336222**

- Product with laser-welded standard segments for universal use on general construction materials
- Smooth, fast and low-vibration cutting with unmatched service life
- Optimum price-performance ratio

DT 600 GU



FOR GRANITE, TERRAZZO

Angle Grinder

115 x 22.23, 8 segments **KL336614**

125 x 22.23, 9 segments **KL336615**

230 x 22.23, 15 segments **KL336617**

- High stock removal rate
- Excellent service life
- Clean cutting
- Great price-performance ratio
- Suitable for all types of granite

DT 350 A



FOR ASPHALT, SANDSTONE

Petrol Powered Cutter, Joint Cutter 10 kW

350 x 25.4, 21 segments **KL337730**

400 x 25.4, 24 segments **KL337733**

- Diamond cutting blade for general repairs with an outstanding price-performance ratio
- Specially engineered for applications on asphalt
- Inclined protective segments prevent the premature wearing of the welds which can lead to segment loss on standard blades

Diamond Cup Grinding Disc

DS 300 B



FOR CONCRETE

Concrete Grinder, Angle Grinder

115 x 22.23 mm **KL325361**

125 x 22.23 mm **KL325362**

180 x 22.23 mm **KL325363**

- Double row cup grinding wheel with outstanding stock removal performance
- High aggressiveness at low force requirements
- Exceptional price-performance ratio
- M14 adapter available, see DZ 114

COATED ABRASIVES

Fibre Discs, Strain Mesh & Sanding Belts

CS 561 Fibre Disc



STAR-SHAPED HOLE

- 115 x 22 mm, grain 40 **KL10981**
- 115 x 22 mm, grain 60 **KL10983**
- 115 x 22 mm, grain 80 **KL10984**
- 125 x 22 mm, grain 24 **KL11010**
- 125 x 22 mm, grain 60 **KL11015**
- 125 x 22 mm, grain 80 **KL11016**
- 150 x 22 mm, grain 40 **KL11045**
- 150 x 22 mm, grain 80 **KL11048**
- 180 x 22 mm, grain 24, **KL11058**
- 180 x 22 mm, grain 36 **KL11060**
- 180 x 22 mm, grain 40, **KL11061**
- 180 x 22 mm, grain 60 **KL11063**
- 180 x 22 mm, grain 80 **KL11064**

- Steel, NF metals, Metals
- For universal use

AN 400 Grid Disc



- 150 mm, grain 320 **KL337876**
- 150 mm, grain 400 **KL337877**
- 150 mm, grain 150 **KL337884**
- 150 mm, grain 240 **KL337888**

- Paint/Varnish/Filler, Gel coats, Plaster, Plasterboard walls, Composite materials, Wood, Wood-based materials
- Effective and full-surface dust extraction thanks to open grid structure
- Dust-free grinding extends the service life of the abrasive
- At the same time, improved health and safety thanks to reduced dust formation at the work station
- Independent of existing extraction hole patterns
- Suitable for wet and dry operation

LS 309 XH Sanding Belt



- 100 x 610 mm, grain 40 **KL7080**
- 100 x 610 mm, grain 60 **KL7081**
- 100 x 610 mm, grain 80 **KL7082**
- 100 x 610 mm, grain 100 **KL7083**
- 100 x 610 mm, grain 120 **KL7084**

- 75 x 533 mm, grain 180 **KL4144**

- Special type for portable belt sanders
- For universal use on wood, metal, paint and varnish, even non-ferrous metals

AN 400 Strain Mesh



- 80 x 133 mm, grain 80 **KL337892**
- 80 x 133 mm, grain 150 **KL337893**
- 80 x 133 mm, grain 240 **KL337894**
- 80 x 133 mm, grain 320 **KL337895**
- 80 x 133 mm, grain 400 **KL337896**

- Paint/Varnish/Filler, Gel coats, Plaster, Plasterboard walls, Composite materials, Wood, Wood based materials
- Effective and full-surface dust extraction thanks to open grid structure
- Dust-free grinding extends the service life of the abrasive
- At the same time, improved health and safety thanks to reduced dust formation at the work station
- Independent of existing extraction hole patterns
- Suitable for wet and dry operation

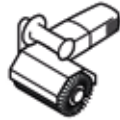
Mop Discs & Finishing Drums

SM 611 S Satin finishing



100 x 100 x 19 mm, grain 80

- Paint/Varnish/Filler, Wood, Plastic, Metals
- Even surface scratch pattern - Special product for fine surface finishing



KM 613 Small



60 x 30 x 6 mm, grain 320 KL13058

60 x 50 x 6 mm, grain 320 KL13094

60 x 30 x 6 mm, grain 80 KL13142

- Stainless steel, Metals
- Universal product for steel and stainless steel materials
- Even removal rate
- Suitable for use in hard-to-reach areas



SMT 624



115 x 22.23 mm, grain 40 KL322765

115 x 22.23 mm, grain 60 KL322767

115 x 22.23 mm, grain 80 KL322768

115 x 22.23 mm, grain 120 KL322769

125 x 22.23 mm, grit 40 KL322772

125 x 22.23 mm, grain 50 KL322773

125 x 22.23 mm, grain 60 KL322774

125 x 22.23 mm, grain 80 KL322775

125 x 22.23 mm, grain 120 KL322776

180 x 22.23 mm, grain 40 KL322783

180 x 22.23 mm, grain 60 KL322785

- Stainless steel, Steel
- Aggressive stock removal rate and comfortable grinding behaviour



SMT 628



115 x 22.23 mm, grain 40, flat KL322790

115 x 22.23 mm, grain 60, flat KL322792

- Stainless steel, Steel
- Especially suitable for surface grinding of steel and stainless steel
- Optimal removal rate when used on high power angle grinders
- Aggressive stock removal rate and comfortable grinding behaviour



SMT 636



FOR INOX

115 x 22.23 mm, grain 40 KL322826

125 x 22.23 mm, grain 40, KL322831

- Stainless steel, Steel
- Special product for use on stainless steel
- Cool grinding due to multibond
- Suitable for use on edges and surfaces
- No glazing or clogging



SMT 924



FOR INOX

115 x 22.23 mm, grain 40 KL322862

115 x 22.23 mm, grain 60 KL322863

- Stainless steel, Steel
- Highly aggressive abrasive performance for demanding work on edges
- High edge stability
- Optimal removal rate when used on high power angle grinders under increased grinding pressure



Grinding Cups for Steel



FOR STEEL

A 16 R 110 x 22.23 x 55 mm KL13729

A 30 R 110 x 22.23 x 55 mm KL13728

C 16 R 110 x 22.23 x 55 mm KL13727

- For surface grinding and finish grinding of weld seams
- Coarse grain for optimized aggressiveness



COATED ABRASIVES

Sanding Sheets, Papers & Discs

PS 21 FK Sanding Disc



FOR STEEL, STAINLESS STEEL, METALS

305 mm, grain 60 KL259035

- Self-fastening
- Aggressive abrasive behavior due to self-sharpening zirconia alumina
- Optimal recipe for rough grinding and finish grinding of stainless steel
- Long service life

PS 22 K Sanding Disc



Hole pattern XXX

125 mm, grain 40 KL278810
 125 mm, grain 60 KL278811
 125 mm, grain 80 KL278812
 125 mm, grain 120 KL278813
 125 mm, grain 180 KL278814

Hole pattern GLS3

150 mm, grain 60 KL86634
 150 mm, grain 80 KL86635
 150 mm, grain 100 KL97072
 150 mm, grain 120 KL86636
 150 mm, grain 180 KL87528

- Wood, Metals
- Universal abrasive disc for metalworking and woodworking
- Uniform surface scratch pattern



PS 73 BWK Sanding Disc



Hole pattern GLS3, Velcro

150 mm, grain 220 KL301225
 150 mm, grain 320 KL301227
 150 mm, grain 400 KL301228

- Paint, Varnish, Filler
- High-quality product for use on varnish, paint and filler
- High removal rate
- Substantially reduced clogging and significantly longer service life due to additional special coating



KL 371 X Sanding Sheets



WITH CLOTH BACKING

230 x 280 mm, grain 40 KL2100_40_230
 230 x 280 mm, grain 80 KL2103
 230 x 280 mm, grain 150 KL2106
 230 x 280 mm, grain 180 KL2107
 230 x 280 mm, grain 400 KL119888

- Metals, NF metals
- Attractively priced universal product for surface hand grinding



PS 11 A



WATERPROOF

230 x 280 mm, grain 240, KL2003
 230 x 280 mm, grain 320, KL2005
 230 x 280 mm, grain 1200 KL6616

- Paint, Varnish, Filler, Plastic
- Special product for auto repair and painting
- For hard and tough surfaces
- Good adaptation and high stability
- Wet and dry sanding



PS 11 C



WATERPROOF

230 x 280 mm, grain 60 KL2022
 230 x 280 mm, grain 100 KL2117
 230 x 280 mm, grain 150 KL2011
 230 x 280 mm, grain 180 KL2012
 230 x 280 mm, grain 240 KL2014
 230 x 280 mm, grain 400 KL2018

- Paint, Varnish, Filler, Plastic
- Special product for auto repair and painting
- For hard and tough surfaces
- Good adaptation and high stability
- Wet and dry sanding



PL 31 B



230 x 280 mm, grain 60 KL2061

- Paint, Varnish, Filler, Wood
- Product with optimal price-performance ratio
- Optimized wear properties for hand grinding
- Very fine surface scratch pattern



SET, 10 PIECES

115 x 280 mm packaged with tab KL241684

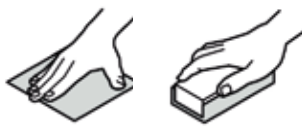
- 3 x grain 40
- 3 x grain 80
- 4 x grain 120

KL 361 JF Sanding Rolls



IN ROLLS OF 50 METRES
 50 x 50000 mm, grain 240 **KL3858**
 50 x 50000 mm, grain 180 **KL3856**

- Stainless steel, Steel, Metals, NF metals, Wood
- High-quality universal abrasive cloth
- Optimal adaptation to workpiece contours
- Tears off cleanly and easily from the roll



**SUPER ECONOMICAL -
 QUALITY SANDING PAPER
 IN BULK!**

KL 361 JF Sanding Sheets



115 x 280 mm, grain 80 KL72227

- Steel, Metals, NF metals, Wood, Stainless steel
- High-quality universal product
- Optimal adaptation to the workpiece due to highly flexible cotton backing
- Tears off cleanly and easily



Carbide Burrs & Accessories

FL76 wheel flange



For improved lateral stability on grinding machine KL236130

- Use of the wheel flange increases lateral stability with thin cutting-off wheels having a flat form and diameters of 180 and 230 mm



HF 100 Carbide Burrs



D, BALL SHAPED, 6 MM SHAFT
 12.7 x 11 mm diameter **KL295859**

F, CONE SHAPED, 6 MM SHAFT
 12.7 x 25 mm diameter **KL296010**

H, FLAME SHAPED, 6 MM SHAFT
 12.7 x 32 mm diameter **KL296194**

SET 40 PIECE, CUT 6
 in lockable Klingspor presentation box **KL300627**

- 40 piece burr set, cut 6, in lockable Klingspor presentation box
- Advantages: All top sellers at a glance



Reduction Ring DZ 100 RF



25.4 to 20 mm, 2 mm (for 300 series) KL328933
25.4 to 20 mm, 2,5 mm (for 600 series) KL328934

- Reduction rings with serration for enhanced adhesion





KLINGSPOR AND C.WOERMANN NIGERIA

Contact us

For all your needs of grinding, deburring, welding, spray painting, cutting and fabrication – we have the right tool and abrasive consumable for you.

Please contact us for any requirements you have – we are here to serve you! We shall support you by making your project a success – just try it out, here we are:



#200205

The information contained in this brochure was compiled with great care and to our best knowledge; nevertheless there might be some errors left in the document.



C.WOERMANN (NIGERIA) LIMITED | 6, Badejo Kalesanwo Street, Matori Industrial Estate, Lagos, Nigeria
Phone +234 (0) 1 291 8597 | info@woermann-nigeria.com | www.woermann-nigeria.com