NORTON
SAINT-GOBAIN

clipper

## SURFACE SOLUTIONS

# BUILDING & CONSTRUCTION

## *2022*




SAINT-GOBAIN

NORTON®

SAINT-GOBAIN

clipper®




Transforming surfaces ...and beyond

# INTRODUCTION 04-30


| | |
|---|---|
| Reshaping the face of construction | 04 |
| Diamond tool quality tiering | 06 |
| Selecting the right blade for your material | 06 |
| Unstoppable blades | 07 |
| Product name conversion chart | 08 |
| A complete range | 13 |
| Innovations | 14 |
| Merchandising solutions | 16 |
| Product quality standards & user safety on site | 20 |
| Supporting sustainability in the abrasives industry | 22 |
| After-Sales service & support | 23 |
| Diamond product range index | 24 |
| Machine range index | 26 |
| Diamond blade recommendation guide | 30 |


# DIAMOND TOOLS 31-94


| | |
|---|---|
| Concrete & reinforced concrete diamond blades | 31 |
| Universal building material diamond blades | 39 |
| Multi-material diamond blades | 53 |
| Ceramics & porcelain tiles diamond blades | 57 |
| Granite, marble & natural stone diamond blades | 61 |
| Asphalt / Abrasive material diamond blades | 65 |
| Refractory material diamond blades | 71 |
| Drilling core bits | 77 |




# NORTON CLIPPER WOOD 95-120


| | |
|---|---|
| Getting to know our product ranges | 96 |
| Blades for wood & composites | 101 |
| Blades for multi-material | 106 |
| Blades for veneer & laminates | 109 |
| Blades for aluminium | 111 |
| TABLE SAW / MITRE SAW | 113 |
| Understanding our product | 114 |
| Understanding our pictos | 117 |
| At a glance packaging design | 118 |
| 4-step guide to choosing the right blade | 120 |


# NORTON CLIPPER MACHINES 121-216




| Tile Saws | Masonry Saws | Compaction Equipment | Floor Saws | Handheld Cut-Off Saws | Drill Motors & Drilling Rigs | Power Floats | Wall Chasers, Grinding Machines & Dust Extraction |
|---|---|---|---|---|---|---|---|
| 121 | 133 | 161 | 167 | 181 | 185 | 203 | 209 |


# ABRASIVES 217-246


| | |
|---|---|
| Cutting disc & grinding wheel | 218 |
| Coated abrasives for machine sanding | 225 |
| Coated abrasives for hand sanding | 233 |
| Coated abrasives for floor sanding | 237 |


# TECHNICAL 247-259


| | |
|---|---|
| Troubleshooting diamond products | 248 |
| Technical support: product advice | 250 |
| Diamond tools: safety recommendations | 255 |
| Cutting disc & grinding wheels advice | 257 |




# RESHAPING THE FACE OF CONSTRUCTION

## NORTON CLIPPER PROVIDES A ONE-STOP SHOP FOR ALL CUTTING, DRILLING, GRINDING, COMPACTION AND SANDING JOBS WITHIN THE BUILDING AND INDUSTRIAL CONSTRUCTION MARKETS.

From residential and habitat projects to large scale civil engineering ventures and everything in between – we can equip you with the safest and best performing construction blades, machines and abrasives that not only help to improve your personal comfort but contribute to a greener environment.

It was Norton Clipper that revolutionised the building and construction industry with the invention of the world's first laser welded diamond blade. Since then, we have continued to innovate: our award winning silent blades are perfect for noise-sensitive areas like hospitals, schools, offices, residential spaces and city centres. The introduction of infiltrated High Density technology (i-HD™), the latest revolution in diamond tool manufacturing, providing unrivalled performance, greater comfort, lower energy production and improved safety, which is second to none.

Additionally, Norton Clipper boasts the widest range of diamond tools for cutting the most common surfaces: reinforced concrete, granite, tiles, stone and asphalt. We're well known for supplying high performance machines including: masonry, floor, tile and handheld saws, core drilling equipment, floor grinders and power trowels. Whatever your trade, we can offer you safe, high quality construction blades, machines and abrasives to help you build, renovate and improve our habitat.

## THE NORTON CLIPPER IDENTITY

In recent years, Norton Clipper has been completely revitalised. Through significant brand investment, we have improved and modernised machine livery and our packaging design to enhance the brand's unique identity. The Norton Clipper orange is unmistakable, instantly recognisable and synonymous with quality.




clipper
CS 451
clipper
clipper

# DIAMOND TOOL QUALITY TIERING

Within the Norton Clipper diamond tool range, we offer a choice of three performance levels, adapted to the requirements of our customers. Quality tiering is clearly communicated through the range names: Extreme, Pro, Classic and Standard, which are supported on the packaging by the number of quality diamonds located underneath the names. An additional performance indicator on the sleeve quickly and effectively indicates Pro and Extreme products.




CLASSIC

**CLASSIC:** good quality versus performance ratio for occasional use.

PRO

**PRO:** professional quality for frequent use, designed for high performance and great productivity.

EXTREME

**EXTREME:** the most innovative Norton Clipper blades, with the fastest and smoothest cutting speeds and extremely long life, for the heaviest use.

STANDARD

**STANDARD:** Simple range designed with the customer in mind. Focused on key applications and providing the user with a reliable solution.

# SELECTING THE RIGHT BLADE FOR YOUR MATERIAL

To make selecting the right blade as easy as possible, our material colour coding system has been applied to all of our packaging.

- BETON / CONCRETE
  Extreme, Pro, Classic, Standard
- UNIVERSAL
  Extreme, Pro, Classic, Standard
- ASPHALT
  Extreme, Pro, Classic
- CERAMIC
  Extreme, Pro, Classic, Standard
- NATURAL STONE
  Extreme, Pro
- 4X4 EXPLORER
  Pro
- REFRACTORY
  Extreme, Pro



# UNSTOPPABLE BLADES

When our customers demanded a high quality alternative wood range, Norton Clipper answered the call.

Flawless cutting every time, reliable quality, clear and easy to choose ranges.

## FOUR APPLICATIONS, FOUR GREAT RANGES, FOR PROFESSIONALS. WE HAVE THE BLADE YOU'RE LOOKING FOR.




### WOOD & COMPOSITES

Encompassing solutions for hard and soft wood, wooden panels, OSB, MDF, and HDF, these blades are built for power, precision and durability.




### MULTI-MATERIALS

Designed with cutting construction timbers, pallets, nails and non-ferrous metals in mind. Concerns about damaging these blades are a thing of the past.




### VENEER & LAMINATES

Whether you need to cut melamine faced boards, plywood, laminated panels or sheets of HPL, we have a professional blade to suit.




### ALUMINIUM

This is Norton Clipper's specialist range of blades suited to cutting aluminium, brass, and copper. Blades that cut powerfully and sustainably time-after-time.

# PRODUCT NAME CONVERSION CHART

NAMING STRUCTURE EXAMPLE – **TT180**:

| [Machine Type] | [Key Dimension] | [Version Number] |
|---|---|---|
| [**T**ile **T**able Saw] | [**180**mm diameter] | [version 0] |

## TILE SAWS

| MACHINE NAME | MEANING |
|---|---|
| TT180 | Tile Table Saw ø180mm - version 0 |
| TT200 | Tile Table Saw ø200mm - version 0 |
| TT251 | Tile Table Saw ø250mm - version 1 |
| TR202 | Tile Rail Saw ø200mm - version 2 |

| MACHINE NAME | MEANING |
|---|---|
| TR232 S | Tile Rail Saw ø230mm - version 2 - short cutting length |
| TR232 L | Tile Rail Saw ø230mm - version 2 - long cutting length |
| TR252 | Tile Rail Saw ø250mm - version 0 |

## MASONRY SAWS

| MACHINE NAME | MEANING |
|---|---|
| CM 35 mini clipper | Clipper Masonry Saw ø350mm - direct shaft - version 0 |
| CGW | Clipper version G Wet (Masonry Saw) ø350 - direct shaft |
| CM352 | Clipper Masonry Saw ø350 - 1st generation |
| CM42 compact | Clipper Masonry Saw ø400 - direct shaft |
| CM400 junior | Clipper Masonry Saw ø400 - indirect shaft - version 0 |
| CM450 junior | Clipper Masonry Saw 450 - indirect shaft - version 0 |
| CM401 | Clipper Masonry Saw ø400 - indirect shaft - version 1 |
| CM501 major | Clipper Masonry Saw ø500 - indirect shaft - version 1 |
| CST120 UNO | Clipper Stone Saw - Cutting length 120 cm - Classic version - version 0 |
| CST100 | Clipper Stone Saw - Cutting length 100 cm - version 0 |
| CST120 | Clipper Stone Saw - Cutting length 120 cm - version 0 |
| CST150 | Clipper Stone Saw - Cutting length 150 cm - version 0 |

| MACHINE NAME | MEANING |
|---|---|
| CST120 ALU | Clipper Stone Saw - Cutting length 120 cm - aluminium - version 0 |
| CST150 ALU | Clipper Stone Saw - Cutting length 150 cm - aluminium version - version 0 |
| ISM | Clipper Industrial Saw |
| ISC | Clipper Industrial Saw |
| CM501 | Clipper Masonry Saw ø500mm - version 1 |
| CM70 ALU | Clipper Masonry Saw ø700mm Aluminium - version 0 |
| JUMBO 651 | Clipper Jumbo Masonry Saw ø650mm - version 1 |
| JUMBO 900 | Clipper Jumbo Masonry Saw ø900mm - version 0 |
| JUMBO 1000 | Clipper Jumbo Masonry Saw ø1000mm - version 0 |
| CMV 1000 verto | Clipper Masonry Saw Vertical ø1000mm - version 0 |
| CM 1000 jumbo | Clipper Masonry Saw ø1000mm - version 0 |
| CB311 | Clipper Band Saw cutting height 311mm |
| CB511 | Clipper Band Saw cutting height 511mm |
| CB651 | Clipper Band Saw cutting height 651mm |

## FLOOR SAWS

| MACHINE NAME | MEANING |
|---|---|
| C51 | Clipper Street |
| CS451 | Clipper Street ø450 - version 1 |
| CS1 | Clipper Street - version 1 |

| MACHINE NAME | MEANING |
|---|---|
| CSB1 | Clipper Street - version 0 |
| CS7,5 | Clipper Street Saw 7,5 kW |
| Speedy Cart | Clipper trolley for petrol saw |

## HANDHELD CUT-OFF SAWS

| MACHINE NAME | MEANING |
|---|---|
| CP512 300 | Clipper Petrol Saw 5kW 300mm - version 0 |
| CP514 350 | Clipper Petrol Saw 5kW 350mm - version 0 |

| MACHINE NAME | MEANING |
|---|---|
| CE414 350 | Clipper Electric Saw 4kW 350mm - version 0 |

## DRILL MOTORS & DRILLING RIGS

| MACHINE NAME | MEANING |
|---|---|
| CDM163 | Clipper Drill Motor ø160mm - version 03 |
| CDM203 | Clipper Drill Motor ø200mm - version 03 |
| CDM253 | Clipper Drill Motor ø250mm - version 03 |
| CDM353 | Clipper Drill Motor ø350mm - version 03 |
| CDR133 | Clipper Drill Rig ø130mm - version 03 |

| MACHINE NAME | MEANING |
|---|---|
| CDR163 | Clipper Drill Rig ø160mm - version 03 |
| CDR253 | Clipper Drill Rig ø250mm - version 03 |
| CDR353 | Clipper Drill Rig ø350mm - version 03 |
| CDP 300 & 350 ROBO | Clipper Drill Petrol ø300-350mm - version 0 |

## POWER FLOATS

| MACHINE NAME | MEANING |
|---|---|
| CT 601 | Clipper Trowel ø600mm - version 01 |
| CT 901 | Clipper Trowel ø900mm - version 01 |

| MACHINE NAME | MEANING |
|---|---|
| CT901 HP | Clipper Trowel ø900mm - version 01 |
| CT 1201 | Clipper Trowel ø1200mm - version 01 |

## WALL CHASERS

| MACHINE NAME | MEANING |
|---|---|
| SC181 | (Clipper) Saw ø180mm - version 01 |
| SC401 | (Clipper) Saw ø180mm - version 02 |

| MACHINE NAME | MEANING |
|---|---|
| CG125 | Clipper Grinder (machine) ø180mm - version 01 |
| CG180 | Clipper Grinder (machine) ø125mm - version 01 |
| CG252 | Clipper Grinder (machine) ø250mm - version 02 |

## DUST EXTRACTION

| MACHINE NAME | MEANING |
|---|---|
| CV402 | Clipper Vacuum (cleaner) 400m³/h - version 02 |

| MACHINE NAME | MEANING |
|---|---|
| CV360 | Clipper Vacuum (cleaner) 360m³/h - version 00 |

## MANUAL TILE CUTTER

| MACHINE NAME | MEANING |
|---|---|
| CTM 640 | Clipper Tile Manual - Cutting length 640mm |
| CTM935 | Clipper Tile Manual – Cutting length 935mm |

| MACHINE NAME | MEANING |
|---|---|
| CTM 1200 | Clipper Tile Manual – Cutting length 1200mm |

## COMPACTORS

| MACHINE NAME | MEANING |
|---|---|
| CFP 11W | Clipper Forward Plate – 11kN |
| CFP 13W | Clipper Forward Plate – 13kN |
| CFP 14W-P | Clipper Forward Plate – 16kN - Petrol |
| CFP 14W-D | Clipper Forward Plate – 16kN – Diesel |

| MACHINE NAME | MEANING |
|---|---|
| CFP 16W | Clipper Forward Plate – 16kN |
| CFP 21W-P | Clipper Forward Plate – 21kN - Petrol |
| CFP 21W-D | Clipper Forward Plate – 21kN - Diesel |
| CR 16 | Clipper Rammer – 16kN |

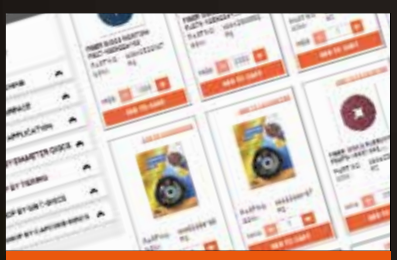
# WE'RE MAKING IT EVEN EASIER TO ORDER OUR GREAT PRODUCTS



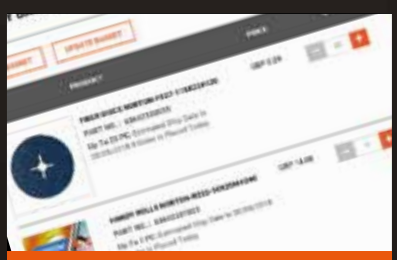

## Introducing the **NEW** online ordering system from Saint-Gobain Abrasives - **MyAbrasives**

Our new user-friendly ordering system works very much like online retailers you use every day, making it much easier to navigate and get what you need, whether it's ordering, tracking or research.

### With MyAbrasives, the ordering process is now so simple:



**Search for your product**



**Add to basket**



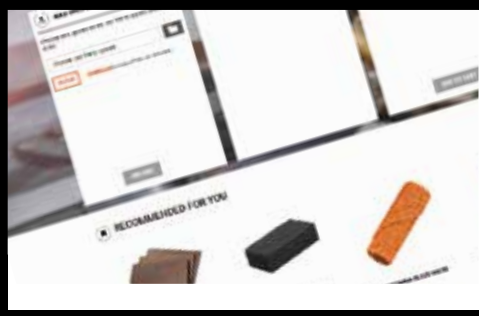
**Go to checkout**

## THE NEW SYSTEM MAKES ORDERING EASIER:

1. Detailed product information and specifications, including images and videos
2. Access to order confirmations, product availability and delivery lead times
3. Available from smartphones, tablets and PCs 24/7
4. Automatically creates a list of most frequently ordered products for ease of future ordering
5. Save favourite lists to make ordering quicker and easier






## MYABRASIVES OFFERS GREATER FLEXIBILITY WITH NEW FEATURES AND SERVICES INCLUDING:

- **Product search:** you can now search by UPC, name, category, EAN number and filter and sort search results, making it much easier for you to find what you need
- **Order history and reordering:** you'll be able to see your past orders across all platforms (EDI, ABx, phone and fax) and these can also be easily re-ordered. Invoices, debit/credit notes and shipping status will also be visible in the 'Order History' section so you can be sure all of your paperwork is safe in one place
- **Quotes:** you can now request and track quotes in MyAbrasives rather than having to contact the customer services team separately
- **Saved orders:** you can save orders for future reference by putting multiple items in your cart and saving it, e.g. as 'Monthly Order'. You can also add a note to indicate the order frequency, e.g. 'order every month except December' and save it so you can re-order quickly and easily
- **Bulk orders:** if you need to make a bulk order, you can upload a CSV file directly into the system rather than having to search for each product individually
- **Recommended for you:** a new feature showing related products you may need to order
- **Extra support:** navigate the new system with FAQs and how-to videos or contact our dedicated helpline

**Register today**
To register, call your local customer service team and start using MyAbrasives today.



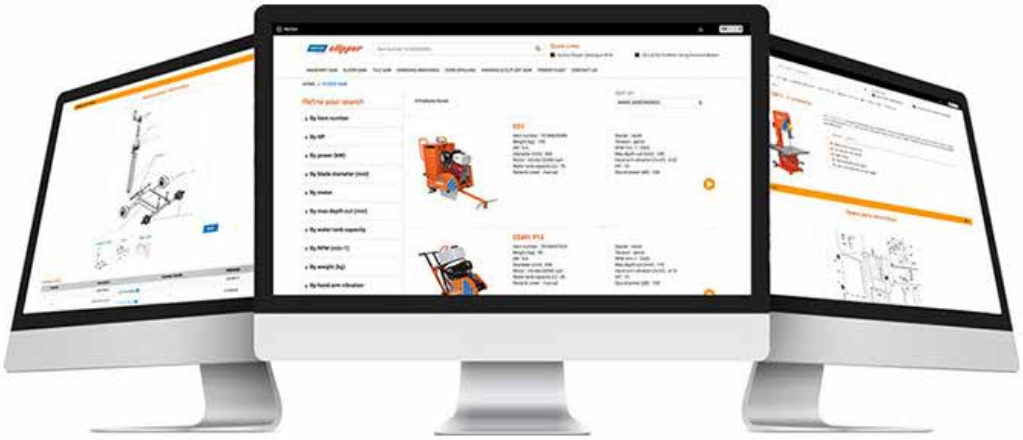

## NORTON CLIPPER SPARE PARTS WEBSITE

A vast library of replacement parts is now available at your fingertips with the Norton Clipper spare parts website. With our quick search and easy navigation, finding the ideal part for your machine has never been simpler.

The majority of Norton Clipper machines also feature a QR code that links to the spare parts website; helping you to find the correct spare part on your mobile phone.

The website also provides 24-hour access to important documents for each machine, such as brochures, spare part list manual, safety manuals and videos.

**Please note:** The website is only available in French, German and English, with plans to expand to other languages in the near future.



https://spareparts.nortonabrasives.com

# A COMPLETE RANGE

A leading abrasive brand in the construction industry for over 50 years with performance optimised machines and diamond cutting tools, the Norton Clipper range is now extended to include abrasives for hand, machine & floor sanding, cutting discs and grinding wheels, providing a complete offering for all applications in the construction industry.




## CUTTING DISCS & GRINDING WHEELS

For use on multiple materials including steel-inox, steel and stone.




## MACHINE & HAND SANDING

Abrasives for belt machines, eccentric, orbital, delta sanders and angle grinders.
Whether sanding wood, paint, metal, plaster, filler or varnish, a specialist product is available.
All sanding sheets featured can be used by hand or with a sanding block.




## FLOOR SANDING

A selection of belts and discs in a variety of grits and sizes for dimensioning, intermediate grinding and polishing applications.




## WOOD

Four applications, four great ranges, for professionals.
Solutions for wood & composites, veneer & laminates, aluminium and multi-materials.

# INNOVATIONS

## DELIVERING INNOVATIVE EXCELLENCE

Investing in R&D, stimulating the generation of new ideas, and increasing the speed at which cutting-edge science is transformed into market-ready products, are key priorities for Norton Clipper.

Product innovations are clearly highlighted throughout this catalogue. Norton Clipper's innovative approach is just one of the reasons for its position as the world's leading manufacturer of abrasives; specialising in everything from light equipment to diamond tools for building and construction.

Cutting edge innovation like the i-HDTM diamond blades are among the longest lasting and fastest blades in the market: our i-HDTM manufacturing process guarantees customers unrivalled performance and safe operation.

Norton Clipper's multi award winning Silencio blades are recognised as the quietest blade worldwide (up to 30x noise reduction compared with a standard blade) whilst maintaining premium cutting performance. The patented Norton Clipper ellipsoidal gullets also increase the safety aspect of the product by reducing the risk of cracking the steel centre.




## i-HD™ TECHNOLOGY

Norton's Infiltrated High Density technology (i-HDTM) combined with its patented diamond blades laser-welding process is the biggest breakthrough in diamond tools this century.

Through many years of research and development this revolutionary process delivers unrivalled performance, increased safety, lower energy manufacturing and a wide choice of segment design.

1. Form the segment core structure
2. Infiltrate the segment pores with unique bonding agent.

RESULT: A composite material with enhanced properties for limitless segment design.

Infiltration achieves high uniform density across each whole segment without applying high pressure. This allows Norton Clipper to manufacture extremely robust segments that wear evenly, remain intact and perform well at higher cutting speeds.

The diamond grit is an integral part of the segment structure. During the patented process a special bond impregnates the core structure and binds the diamond grit into the segment. This ensures optimum use of the diamond grit, giving the diamond tools a long product life.

i-HD™ TECHNOLOGY

UP TO 30x REDUCTION
IN CUTTING NOISE




## SILENCIO

Residential areas, city centres, schools and hospitals are especially sensitive to noise, with more and more local regulations preventing excessive noise pollutions.

With up to 17mm high segments and a bespoke specification for each application, Norton Clipper Silencio is our most efficient diamond blade for granite, concrete and general purpose materials, while protecting the surrounding area from disturbing cutting noise.

ESPECIALLY DESIGNED
FOR DRILLING
CONCRETE PIPES




## CDP ROBO 301 & 351

Norton Clipper's new compact and lightweight petrol drilling machine enables you to work in confined space environments, ideal for drilling concrete pipes in trenches.

Also featuring an easy setting by column swing and pre-defined 45° and 90° positions. Delivered with accessories.

## DID YOU KNOW?

Hand-Arm Vibration syndrome can be caused by excessive use of power tools such as hand-held cut-off saws or grinding machines. With this in mind, Norton Clipper has developed the CS451 Floor Saw and EXTREME CG Comfort Grinding Cup both of which reduce vibration levels and optimise operator comfort with built-in vibration dampening technology.

LOW VIBRATION



## CS451 FLOOR SAW

Robust, functional and reduces vibration levels by 40% for improved user comfort.

Optimised weight distribution for outstanding cutting performance, wet or dry.



## EXTREME CG Comfort

The latest development in grinding cup technology. Allows you to work 4x longer!

**Once you have tried it, there is no going back!**

## HAND-ARM VIBRATION LEVEL GUIDE

| | | | |
|---|---|---|---|
| Hand / arm | < 2,5 m/s² | ⩾ 3,5 m/s² | ⩾ 4,5 m/s² |
| Body | < 0,8 m/s² | ⩾ 1,15 m/s² | ⩾ 2,5 m/s² |
| Work time | **8** hours | **4** hours | **2** hours |

# MERCHANDISING SOLUTIONS

Norton Clipper branded display kits feature a selection of components that can be tailored to different product and merchandising requirements. Additionally we offer a range of portable displays and a suite of point-of-sale graphic templates.

## STANDS DISPLAY KITS




### DISPLAY KITS

The complete kit comes with all components needed to create a full display for all Norton Clipper products.

**KIT CONTAINS:** Base x1, pegboards x4, header x1, shelf x1, legs x2, single pegs x20, euro hooks x15

| DESCRIPTION | QTY | ITEM No. | EAN |
|---|---|---|---|
| Complete kit with light | 1 | 410048416 | 5900442682541 |
| Complete kit without light | 1 | 410048415 | 5900442682534 |

### ACCESSORIES

Accessories can be ordered separately if required.

NORTON CLIPPER HEADER WITH LIGHT OR WITHOUT LIGHT




SHELF WITH ENDS



SHELF



DRILL MOTOR HOOKS x2



EUROHOOKS x35



COREBIT HOOK
1"1/4F & 1/2"M
up to Ø150mm






| DESCRIPTION | QTY | ITEM No. | EAN |
|---|---|---|---|
| Header with light | 1 | 410082634* | - |
| Header without light | 1 | 410082633* | - |
| Shelf | 1 | 410059872* | - |
| Shelf with ends | 1 | 510157137* | 5450248777090 |
| Drill motor hooks x2 | 1 | 510116152* | 5901720160355 |
| Eurohooks x35 | 1 | 410081866* | 5903112918018 |
| Core Drillhook | 1 | 510120422* | 5450248756699 |
| Orange bar 1m | 1 | 510184796 | - |
| Orange pin | 1 | 510184797 | - |

*Made to order

# POINT-OF-SALE GRAPHICS

A complete set of graphic templates have been created for each of our product ranges per market. As our product portfolio varies per customer, language, and country, our point-of-sale templates can be adapted to cater for all requirements. For information about tailored designs please contact your local sales representative.

POINT-OF-SALE GRAPHICS
Graphic templates can be adapted to suit your requirements.
For information about tailored designs please contact your local sales representative.

## EXAMPLE TEMPLATES

### HEADERS




### BUS STOPS






# DISPLAY STANDS




## DRILLING STAND

Drilling Motor POS graphics available on request

**KIT CONTAINS:**
Base x1, pegboard with 2 sides, shelves x3, drilling motor hooks x8, euro hooks x10

H: 2295mm x W: 1000mm x D: 1000mm

| ITEM No. | EAN | QTY |
|---|---|---|
| 510116151 | 510116151 | 1 |



## DIAMOND BLADE DISPLAY STAND

Portable display for Diamond Blades

**KIT CONTAINS:**
Header x1, hooks x6, top panel x1, side panel x2

H: 1850mm x W: 430mm x D: 560mm

| ITEM No. | QTY |
|---|---|
| MTO | 1 |




## COUNTER TOP DIAMOND CUP DISPLAY

Countertop portable Cup Grinder display.
Available in multiple languages.
125mm Diamond cup grinder to be purchased separately.

L: 70mm x H: 280mm x W: 190mm

| ITEM No. | EAN | LANGUAGE | QTY |
|---|---|---|---|
| 00510126407 | 5450248704546 | EN | 1 |
| 00510132942 | 5450248718390 | DK | 1 |
| 00510132994 | 5450248718413 | NO | 1 |
| 00510146486 | 5450248752714 | PT | 1 |
| 00510132943 | 5450248718406 | SW | 1 |
| 00510129655 | 5450248718796 | DE | 1 |




## UNIVERSAL DISPLAY

Portable display for Petrol Saws (CP500), Tile Saws, Drill Motors, Grinding Machines with English point-of-sale graphic

**KIT CONTAINS:**
Base x1, header x1, shelf x4, pins x2, euro hooks x4

H: 1600mm x W: 1200mm x D: 800mm

| ITEM No. | EAN | QTY |
|---|---|---|
| 510109555 | - | 1 |



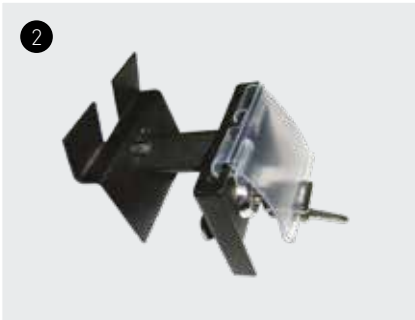

## MANUAL TILE CUTTERS DISPLAY

The complete kit with components needed to create a full display for tile cutters and accessories.

H: 1650mm x W: 1650mm x D: 780mm

| ITEM No. | EAN | QTY |
|---|---|---|
| TBC | TBC | 1 |




## LOCKABLE HOOKS

For the 2x1m wall display: long hook with lockable with padlock, suitable for Diamond Blades and abrasive cutting discs.

For the clipper corner: short lockable hook with key.

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 1) Safety lockable hooks for the wall display 1x2m | 510018714 | - |
| 2) Safety lockable hooks for the Clipper corner | 510080899 | - |

## NORTON CLIPPER "TENT"

High quality and easy to assemble 3x3m tent, constructed with an aluminium frame to give a total weight of 32kg.

Ideal for trade fairs.

| ITEM No. | EAN | QTY |
|---|---|---|
| 00510146568 | 5450248753131 | 1 |




# GOODIES




## NORTON CLIPPER MUG

High quality ceramic mug printed in full colour. Dishwasher safe.

- Diameter: 8cm
- Length: 9,3cm
- Weight: 300g
- Volume: 400 ml

| ITEM No. | EAN | QTY |
|---|---|---|
| 510146564 | 5450248753100 | 1 |




## NORTON CLIPPER CAP

Brushed Twill Cap. Black100% brushed cotton, 6 panels, ventilation point, stitching onthe screen, satin sweatband, silver metal clasp, front reinforcement.

| ITEM No. | EAN | QTY |
|---|---|---|
| 510146565 | 5450248753117 | 1 |




## MAGNIFYING GLASSES – MESSLUPE

8x magnifying glass including a scale with 0.1mm intervals allowing to have a closer look at the grit of diamond tools

| ITEM No. | EAN | QTY |
|---|---|---|
| 510016356 | 5450248803195 | 1 |




## NORTON CLIPPER NOTEBOOK

A5 notepad with 96 cream coloured pages, lined paper, storage pocket, hard cover and bookbinding.

- Length: 21cm
- Thickness: 1,8cm
- Width: 14cm
- Weight: 296g

| ITEM No. | EAN | QTY |
|---|---|---|
| 510146567 | 5450248753124 | 1 |




## NORTON CLIPPER UMBRELLA

Foldable umbrella. 21.5" umbrella with metal frame, metal ribs and plastic handle. Delivered with a cover. 190T polyester.

- Weight: 227g
- Length: 24cm
- Diameter: 87cm

| ITEM No. | EAN | QTY |
|---|---|---|
| 510152843 | 5450248765424 | 1 |

# PRODUCT QUALITY STANDARDS & USER SAFETY ON SITE

## DIAMOND TOOLS, CUTTING DISCS & GRINDING WHEELS

Products that rotate are of particular danger and at Saint-Gobain Abrasives we take every precaution to ensure your health and safety is always at the heart of everything we do. Safety & quality are our priority and all Norton Clipper diamond tools & abrasives are manufactured to the most stringent European health, safety & environmental standards for use in the toughest construction environments.

### oSa - ORGANISATION FOR SAFETY OF ABRASIVES

Saint-Gobain Abrasives is one of the founding members of the Organisation for Safety of Abrasives (oSa). All member companies of oSa have to implement strict manufacturing, safety and quality standards that comply with the requirements of EN13236 and EN12413, and are regularly audited to ensure conformity. The oSa symbol displayed on an abrasive or diamond product is a further guarantee to the user of product safety and quality.

### EN13236 - STANDARDS FOR DIAMOND TOOLS

The European Standard EN13236 governs the safety requirements for super abrasive (diamond) products. User safety has always been Norton Clipper's top priority. Norton Clipper and Saint-Gobain Abrasives have taken an active role in the compilation of this safety standard, through the FEPA, the Federation of European Producers of Abrasives.

### EN12413 - STANDARDS FOR CUTTING DISCS & GRINDING WHEELS

This standard highlights that these types of cutting discs and grinding wheels have a use by date. This "use by" date must be permanently marked into the central metal rim of every disc.

### SNAS

The Syndicat National des Abrasifs et Super Abrasifs (National Union of Abrasives and Superabrasives) are a professional body within the European abrasives sector of which Norton Clipper is a member. SNAS represent 35 companies within France and are primarily focussed on promoting the safe use of abrasives and supporting the ethical development of its members.

### FEPA

Norton Clipper are proud to be an active member of FEPA – the Federation of European Producers of Abrasives. This association is a World leading body in the abrasives industry, representing the European markets and continually informing its members on the evolution of the regulatory frameworks globally. FEPA also supports its members with a wide range of technical, legal and scientific services, to ensure that they are able to anticipate future challenges within the abrasives sector.

### EN 847-1

All Norton Clipper TCT blades comply with the EN 847-1 standard and each product is laser engraved to ensure full traceability. Please note that if the steel centre of any blade becomes cracked, the blade cannot be repaired and must be discarded.



# MACHINES

We provide operating devices which both comply with safety standards and ensure high level of performance even in difficult conditions. Our machines comply with the following European Directives:

## EUROPEAN DIRECTIVE 2006/42/EC ON MACHINERY

This Directive provides the regulatory basis for the harmonisation of the essential health and safety requirements for machinery at European Union level. It guarantees a high level of protection to EU workers and citizens.

## LOW VOLTAGE DIRECTIVE 2014/35/UE

Part of our product range includes electrical motors, and our design complies with Low Voltage European directives. As for all directives, we go further than mandated instructions to provide our customers highly reliable and safe working conditions.

## ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2014/30/UE

In the construction business,Norton Clipper machines are used in many places, close to either professional or domestic equipment which can be sensitive to electromagnetic disturbances. We take this risk into account and can ensure that our design complies with Electromagnetic Compatibility European Directive.

# SAFETY REGULATIONS & STANDARDS

Saint-Gobain Abrasives is actively involved in the elaboration of specific Safety Regulations and Standards like type C harmonized European standards issued from the European Directive 2006/42/EC on machinery:

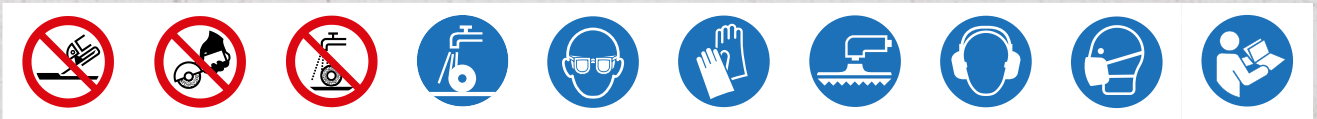
**EN 12418** Masonry and stone cutting-off machines for job site - Safety

**EN 13862** Floor cutting-off machines – Safety

**EN 12348** Core drilling machines on stand – Safety

**SO 19432** Portable, hand-held, internal combustion engine driven cut-off machines

## SAFETY & INFORMATION PICTOGRAMS



Do not use for face grinding (ISO 7010) | Do not use with hand-held grinding machine (ISO 7010) | Don ot use for wet grinding (ISO 7010) | Only suitable for wet grinding | Wear eye protection (ISO 7010) | Wear protective gloves (ISO 7010) | Only to be used with a back-up pad | Wear ear protection (ISO 7010) | Wear a mask (ISO 7010) | Refer to instruction manual/ booklet (ISO 7010)




Wet use only | Dry use only | Wet & dry use | Do not use if damaged | Do not use if damaged | Danger : risk of cut | Danger : risk of cut | Never move the machine with the blade running idle | Blade direction of rotation | Do not lift the machine from here | Lift from here



# SUPPORTING SUSTAINABILITY IN THE ABRASIVES INDUSTRY

**Saint-Gobain is proud to be an active member of SEAM - Sustainable European Abrasive Manufacturers. An initiative from FEPA, the SEAM program guarantees that member organisations from within the abrasive supply chain manufacture and distribute products according to new standards, to support sustainable growth in production and distribution.**

Saint-Gobain is proud to be an active member of SEAM - Sustainable European Abrasive Manufacturers. An initiative from FEPA, the SEAM program guarantees that member organisations from within the abrasive supply chain manufacture and distribute products according to new standards, to support sustainable growth in production and distribution.

SEAM™
Sustainable European Abrasive Manufacturers

The aim is to balance environmental efficiency, production performance and labour safety by meeting a series of requirements related to three pillars: environment, labour and economy.

Saint-Gobain Abrasives is committed to preserving the environment and resources, reducing inequalities and improving daily life for all. It's more than an expectation, making a positive contribution has become a requirement for all our stakeholders. We all have a part to play in ensuring our processes, products and the health and safety of our employees is maintained and allows our industry to operate sustainably now and in the future.

**For more information visit www.nortonabrasives.com**

## HELPING YOU OPTIMISE YOUR RESOURCES

By using Norton abrasives, you improve efficiency, work faster, save energy and labour cost, waste less time, materials and money, optimising resources.

### TAKE BACK THE POWER

High performance abrasives, even at lower RPM or on battery powered machines give maximum results thanks to innovative solutions like Norton's Quantum3 Light Comfort Grinding discs.

### LESS WASTE

Reworking poor results is a thing of the past thanks to Norton's high performance solutions which get it right first time, every time. Eradicate costly mistakes and unnecessarily rework and reduce turnaround time.

### SAVE TIME AND MONEY

Get more from one product - more cuts, more material removal or more pieces finished per product. There's no need to have one product for very application, flexible solutions like Blaze Rapid Strip mean one product can do multiple jobs, no more wasting time or money.

### RESOURCE SAVING

Thanks to constant evaluation of our processes and systems, we're able to provide products that enable users to optimise resources and maximise output at every stage.



# AFTER-SALES SERVICE & SUPPORT

By choosing Norton Clipper machines, diamond tools & abrasives, you are choosing quality products designed for professional users. All machines and related accessories are guaranteed for one year (excluding normal wear).

## ALL PRODUCTS ARE QUALITY CHECKED DURING MANUFACTURING

If, despite quality checks, during the first year following purchase, any fault arises, your Norton Clipper machine must be returned (complete) to the sales outlet where you purchased it, together with your invoice or sales receipt.

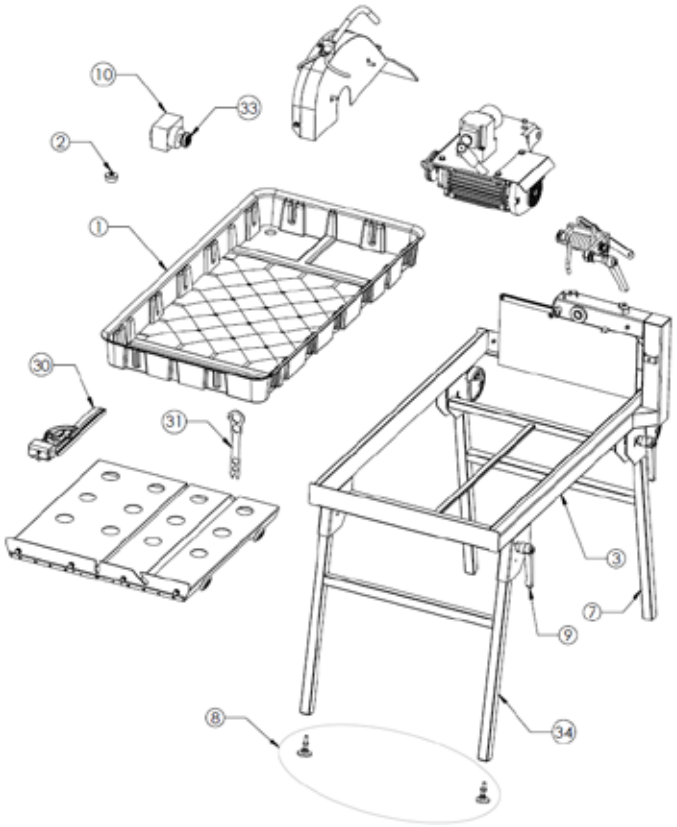
After testing with accessories by the sales outlet, the machine can be shipped for repair to your nearest Norton Clipper after-sales service centre.

In order to optimise repair efficiency, please fill out the Norton Clipper Repair Form, available on www.nortonabrasives.com.

If the issue is with the internal combustion motor issue, please contact the local dealer directly.

If the warranty applies, the Norton Clipper after-sales team will return at its own expense the repaired and tested machine to the sales outlet.
In case warranty doesn't apply due to incorrect use of the machine, a quotation for repair will be sent for approval before repair.

The repaired machine will be guaranteed for the time remaining until expiry of the original guarantee.




spareparts.nortonabrasives.com

# DIAMOND TOOL PRODUCT INDEX

## CONCRETE & REINFORCED CONCRETE



EXTREME BETON SILENCIO
PAGE 32



EXTREME BETON
PAGE 33



PRO BETON SILENCIO
PAGE 34



PRO BETON
PAGE 35



PRO BETON SOFT
PAGE 35



CLASSIC BETON TURBO
PAGE 35



CLASSIC BETON
PAGE 36

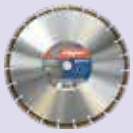


NEW
STANDARD BETON TURBO
PAGE 36



EXTREME BETON WS
PAGE 36

## UNIVERSAL BUILDING MATERIALS



PRO UNIVERSAL LASER
PAGE 44



CLASSIC UNIVERSAL LASER
PAGE 45



CLASSIC UNIVERSAL
PAGE 45



NEW
STANDARD UNIVERSAL
PAGE 45



X-LOCK UNIVERSAL LASER
PAGE 45



PRO UNIVERSAL DUCTILE
PAGE 47



PRO PIPE CUTTER
PAGE 47



EXTREME UNIVERSAL TP-Z
PAGE 48



PRO UNIVERSAL TP
PAGE 48

## GRANITE, MARBLE & NATURAL STONE



EXTREME GRANITE
PAGE 62



EXTREME STRADALIT
PAGE 62



PRO GRANITE TURBO
PAGE 63



PRO GRANITE
PAGE 63



PRO MARMO
PAGE 64



PRO MARMO SURF
PAGE 64

## ASPHALT & ABRASIVE MATERIALS



EXTREME ASPHALT
PAGE 66



PRO ASPHALT
PAGE 67



CLASSIC ASPHALT
PAGE 67



EXTREME GREEN CONCRETE
PAGE 68



PRO GREEN CONCRETE
PAGE 68



EXTREME ASPHALT LB
PAGE 69

## REFRACTORY MATERIALS



EXTREME RC400
PAGE 73

## OTHER TOOLS



CORE BITS
STRONA 77



DIAMOND TILE DRILLS & CORE BITS
PAGE 91



VB DRY
PAGE 91



GRINDING DIAMOND TOOLS
PAGE 213



CUTTING DISCS & GRINDING WHEELS
PAGE 217

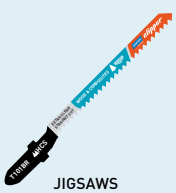


HAND SANDING
PAGE 233

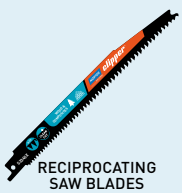


MACHINE SANDING
PAGE 226

## NEW BLADES FOR WOOD & COMPOSITES



JIGSAWS
PAGE 102



RECIPROCATING SAW BLADES
PAGE 102



SAWS
PAGE 103

## NEW BLADES FOR MULTI-MATERIALS



ANGLE GRINDER BLADE
PAGE 106



RECIPROCATING SAW BLADES
PAGE 107



DEMOLITION CIRCULAR SAWS
PAGE 108



DEMOLITION TABLE SAW
PAGE 108



EXTREME BETON SILENCIO WS
PAGE 37



EXTREME BETON LB
PAGE 37

## UNIVERSAL BUILDING MATERIALS



EXTREME UNIVERSAL TURBO
PAGE 40



PRO UNIVERSAL TURBO PAGE 41



CLASSIC UNIVERSAL TURBO
PAGE 41



NEW
STANDARD UNIVERSAL TURBO
PAGE 41



EXTREME UNIVERSAL SILENCIO PAGE 42



EXTREME UNIVERSAL LASER
PAGE 43



PRO UNIVERSAL SILENCIO PAGE 44



PRO UNIVERSAL TP-V PAGE 48



EXTREME CG
PAGE 49



PRO CG
PAGE 49



CLASSIC CG
PAGE 49



EXTREME CG COMFORT
PAGE 50



PRO CG-PCD
PAGE 50



CLASSIC CG-PCD
PAGE 50



EXTREME CUT'N'GRIND
PAGE 51



PRO CUT'N'GRIND
PAGE 51

## CERAMIC & PORCELAIN TILES



EXTREME CERAMIC TURBO PAGE 58



EXTREME CERAMIC
PAGE 58



EXTREME CERAMIC SOFT PAGE 59



PRO CERAMIC
PAGE 59



CLASSIC CERAMIC TURBO PAGE 59



CLASSIC CERAMIC
PAGE 59



NEW
STANDARD CERAMIC
PAGE 60



X-LOCK CERAMIC
PAGE 60



EXTREME RC465
STRONA 73



EXTREME RC525
PAGE 73



EXTREME RC540
PAGE 74



EXTREME RC575
PAGE 74



PRO BETON
PAGE 75



PRO ZDM 200
PAGE 75



PRO ZMD 944T
PAGE 75

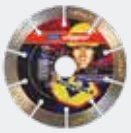
## MULTI-MATERIAL



PRO 4X4 EXPLORER
PAGE 54



NEW
STANDARD ALL MATERIALS
PAGE 55



INVINCIBLE BLADES
PAGE 55

## NEW BLADES FOR VENEER & LAMINATES



CIRCULAR SAW / TABLE SAW PAGE 109



JIGSAWS
PAGE 110

## NEW BLADES FOR ALUMINIUM



JIGSAWS
PAGE 111



CIRCULAR SAW / TABLE SAW
PAGE 112

# MACHINE INDEX

## NEW MANUAL TILE CUTTERS TILE SAWS



CTM 640 & CTM935
PAGE 124



CTM 1200
PAGE 124



TT180 BM
PAGE 125



TT200 EM
PAGE 126



TT251
PAGE 127



TR202
PAGE 128



TR232 S
PAGE 129

## MASONRY SAWS



CPS 41
PAGE 137



CM35 MINI CLIPPER
PAGE 138



CGW
PAGE 139



CM352
PAGE 140



CM42
PAGE 141



CM400 JUNIOR
PAGE 142



CM401
PAGE 143



CM450 JUNIOR
PAGE 144



CST120 UNO
PAGE 145

## NEW COMPACTORS



CFP 11W
PAGE 164



CFP 13W
PAGE 164



CFP 14W-P
PAGE 164



CFP 14W-D
PAGE 164



CFP 16W
PAGE 165



CRP 21W-P
PAGE 165



CRP 21W-D
PAGE 165



CR 16
PAGE 166

## FLOOR SAWS

## FLOOR SAWS (ELECTRIC)



SPEEDY CART
PAGE 170



C51
PAGE 171



CS451
PAGE 172



CS1
PAGE 173



CSB1
PAGE 174-175



CS451E & ET
PAGE 176



CS7,5
PAGE 177

## GRINDING MACHINES



CG125
PAGE 211



CG180
PAGE 211



CG252
PAGE 212

## DUST EXTRACTORS



CV402
PAGE 214



CV360
PAGE 215



TR232 L
PAGE 130



TR252
PAGE 131

## DRILL MOTORS & DRILLING RIGS



CDM 163/203
PAGE 188/189



CDM 253/353
PAGE 190/191



CDR 133/163
PAGE 192



CDR 253/353
PAGE 193



CDP ROBO 301/351
PAGE 195

## MASONRY SAWS



CST100/120/150
PAGE 146



CST100/120 ALU
PAGE 147



CM501
PAGE 147



ISM/ISC
PAGE 149



CM70 ALU
PAGE 150



JUMBO 651
PAGE 151



JUMBO 900/1000
PAGE 152



CM 1000 JUMBO
PAGE 153



CMV 1000 VERTO
PAGE 154

## BAND SAW



CB311
PAGE 155



CB511/651
PAGE 156

## HANDHELD CUT-OFF SAWS



CP512/CP512 iLUBE
PAGE 183



CP514/CP514 iLUBE
PAGE 183

## WALL CHASERS



SC181
PAGE 210



SC401
PAGE 210

## POWER FLOATS



CT601
PAGE 205



CT901 MP
PAGE 206



CT901 HP
PAGE 207



CT1201
PAGE 208

## NEW MITRE SAW



CWM 216/254
PAGE 113



STAND
PAGE 113

# DIAMOND BLADE RECOMMENDATION GUIDE

| | Extreme Beton | Pro Beton | Classic Beton | Standard Beton | Extreme Universal Laser | Pro Universal Laser | Classic Universal Laser | Classic Universal | Standard Universal | Extreme Universal Turbo | Pro Universal Turbo | Classic Universal Turbo | Standard Universal Turbo | Extreme Cut 'n' Grind | Pro Cut 'n' Grind | Pro Universal Ductile |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **QUALITY** | ♦♦♦♦♦ | ♦♦♦♦ | ♦♦♦ | | ♦♦♦♦♦ | ♦♦♦♦ | ♦♦♦ | ♦♦♦ | | ♦♦♦♦♦ | ♦♦♦♦ | ♦♦♦ | | ♦♦♦♦♦ | ♦♦♦♦ | ♦♦♦♦ |
| **WET OR DRY** | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY |
| **MACHINES** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **DIAMETER** (mm) | 115-1200 | 230-600 | 115-400 | 115-350 | 300-1000 | 115-1000 | 115-1000 | 115-350 | 115-350 | 115-350 | 115-350 | 115-230 | 115-230 | 100-125 | 100-125 | 115-350 |
| **TECHNOLOGY** | i-HD™ | LASER | LASER | SINTERED | LASER | LASER | LASER | SINTERED | SINTERED | SINTERED | SINTERED | SINTERED | SINTERED | i-HD™ | SINTERED | VACUUM |
| **REINFORCED CONCRETE** | | | | | | | | | | | | | | | | |
| Hard concrete, kerbs & gutters | ●● | ●● | ● | ● | | | | | | | | | | | | |
| Reinforced concrete, concrete lintels | ●● | ● | ● | ● | | | | | | | | | | | | |
| **UNIVERSAL** | | | | | | | | | | | | | | | | |
| Concrete block (3,6-7,3N) | ●● | ●● | ● | | ●● | ●● | ● | ● | ● | ●● | ●● | ● | ● | ●● | ● | ● |
| Calcium silicate blocks | ●● | ●● | ● | | ●● | ●● | ● | ● | ● | ●● | ●● | ● | ● | ●● | ● | ● |
| Concrete pavers | ●● | ●● | ● | | ●● | ●● | ● | ● | ● | ●● | ●● | ● | ● | ●● | ● | ● |
| Concrete with gravels | ●● | ●● | ● | | ●● | ●● | ● | ● | ● | ●● | ●● | ● | ● | ●● | ● | ● |
| Clay bricks/ceramic porous blocks | ●● | ●● | ● | | ●● | ●● | ● | ● | ● | ●● | ●● | ● | ● | ●● | ● | ● |
| Clinker bricks/facing tiles/ terracota | ●● | ●● | ● | | ●● | ●● | ● | ● | ● | ●● | ●● | ● | ● | ●● | ● | ● |
| Vitrified clay pipes | ●● | ●● | ● | | ●● | ●● | ● | ● | ● | ●● | ●● | ● | ● | ●● | ● | ● |
| **ASPHALT / ABRASIVE MATERIALS** | | | | | | | | | | | | | | | | |
| Asphalt | | | | | | | | | | | | | | | | |
| Asphalt over concrete | | | | | | | | | | | | | | | | |
| Green concrete | | | | | | | | | | | | | | | | |
| **CERAMICS** | | | | | | | | | | | | | | | | |
| Porcelain tiles | | | | | | | | | | | | | | | | |
| Ceramic and Porcelain tiles | | | | | | | | | | | | | | | | |
| **NATURAL STONE** | | | | | | | | | | | | | | | | |
| Granite | | | | | | | | | | | | | | ● | ● | ● |
| Marble | | | | | | | | | | | | | | ● | ● | |
| Sandstone | | | | | | | | | | | | | | ● | ● | ● |
| Limestone | | | | | | | | | | | | | | ● | ● | ● |
| **OTHER MATERIALS** | | | | | | | | | | | | | | | | |
| Cast iron | | | | | | | | | | | | | | | | ● |
| Fiberglass, PVC, rubber | | | | | | | | | | | | | | | | ● |

## PERFORMANCE KEY

- ●● **RECOMMENDED**
  Ideally suited for this application
- ● **ACCEPTABLE**
  Either the blade life or cutting speed could be affected

| Extreme CG | Pro CG | Classic CG | Pro 4x4 Explorer | Invincible | All materials 4x4 standard | Extreme Asphalt | Pro Asphalt | Classic Asphalt | Extreme Green concrete | Pro Green concrete | Extreme Ceramic Turbo | Extreme Ceramic | Pro Ceramic | Classic Ceramic | Standard Ceramic | Exteme Granite | Pro Granite Turbo | Pro Granite | Pro Marmo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET | WET | WET & DRY | WET | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY | WET & DRY |
| 100-180 | 100-180 | 100-180 | 115-500 | 115-150 | 115-350 | 300-1000 | 300-600 | 300-600 | 300-350 | 300-350 | 115-300 | 200-350 | 115-350 | 115-350 | 115-230 | 230-900 | 115-400 | 300-600 | 50-350 |
| i-HD™ | i-HD™ | i-HD™ | LASER | i-HD™ | LASER | i-HD™ | LASER | LASER | LASER | LASER | SINTERED | SINTERED | SINTERED | SINTERED | SINTERED | i-HD™ | LASER | LASER | E/PLATED |
| ●● | ●● | ● | ● | ● | ● | | | | | | | | | | | | | | |
| ●● | ● | ● | ● | ● | ● | | | | | | | | | | | | | | |
| ●● | ●● | ● | ●● | ●● | ● | | | | | | | | | | | | | | |
| ●● | ● | ● | ●● | ●● | ● | ● | ● | | | | | | | | | | | | |
| ● | ● | ● | ●● | ●● | ● | | | | | | | | | | | | | | |
| ● | ● | ● | ●● | ●● | ● | | | | | | | | | | | | | | |
| ● | ● | ● | ●● | ●● | ● | | | | | | | | | | | | | | |
| ● | ● | ● | ●● | ●● | ● | | | | | | | | | | | | | | |
| ● | ● | ● | ●● | ●● | ● | | | | | | | | | | | | | | |
| | | | ● | ● | ● | ●● | ●● | ● | ● | ● | | | | | | | | | |
| | | | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | | | |
| | | | ● | ● | ● | ● | ● | ● | ●● | ●● | | | | | | | | | |
| | | | | | | | | | | | ●● | ●● | ●● | ● | ● | | | | |
| | | | | | | | | | | | ●● | ●● | ●● | ● | ● | | | | |
| ● | ● | ● | ● | ● | ● | | | | | | | | | | | ●● | ●● | ●● | ● |
| | | | | | | | | | | | | | | | | ● | ● | ● | ●● |
| | | | ● | ● | ● | | | | | | | | | | | ●● | ●● | ●● | ● |
| | | | ● | ● | ● | | | | | | | | | | | ●● | ●● | ●● | ● |
| | | | ● | ● | ● | | | | | | | | | | | | | | |
| | | | ● | ● | ● | | | | | | | | | | | | | | |

# NOTES

DIAMOND TOOLS FOR

# CONCRETE & REINFORCED CONCRETE

Discover our diamond blades especially designed for cutting of: reinforced concrete, cured concrete, kerb stones, concrete pipes, engineering bricks, facing bricks, refractory bricks, flagstones and paving stones, block paving, washed gravel concrete slabs, natural stone, flint, sandstone, limestone.



# EXTREME BETON **SILENCIO**

## A PREMIUM CUTTING SILENT DIAMOND BLADE

Residential areas, city centres, schools and hospitals are especially sensitive to noise, with local regulations preventing excessive noise levels. With up to 17mm high segments and a bespoke specification for each application, Norton Silencio is our quietest diamond blade, reducing noise by up to 20x (-13 dB) compared to conventional blades when used on concrete, reinforced concrete, granite and building materials, while achieving a fast, efficient cut.

**What makes Silencio different?**

Winner of 10 innovation and safety awards, Silencio's patented technology relies on two features:

- A noise dampening layer is sandwiched between two sheets of steel which absorbs the cutting vibrations and sound of the product when in use.
- Patented 'off-set gullets' prevent whistling air flow around the diamond blade.
- Each blade is fine-tuned to provide the best possible noise reduction and cutting performance on a particular machine application.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 230 | 22,23 | 17/2,8 | 70184601168** | 5450248702498 |
| | 300 | 20 | 15/3,2 | 70184629000 | 5450248398226 |
| | 300 | 25,4 | 15/3,2 | 70184642421 | 5450248498308 |
| | 350 | 20 | 15/3,2 | 70184647780** | 5450248570998 |
| | 350 | 25,4 | 15/3,2 | 70184628999** | 5450248398219 |
| | 350 | 25,4 | 15/3,2 | 70184628997 | 5450248398196 |
| | 400 | 20 | 15/3,2 | 70184694504 | 5450248688518 |
| | 400 | 25,4 | 15/3,2 | 70184643510 | 5450248510604 |
| | 450 | 25,4 | 15/3,2 | 70184631020 | 5450248450597 |
| | 500 | 25,4 | 15/3,2 | 70184630416 | 5450248440901 |

*** IHD technology*



# EXTREME BETON

LASER




## EXTREME BETON, NOW WITH I-HD™ TECHNOLOGY PRODUCES MANY BENEFITS FOR THE END USER, INCLUDING:

- Up to **20% faster cut rate** than the previous version.
- Up to **20% longer life** thanks to increased segment height, a high density and more even distribution of diamonds throughout the segment as well as better grain retention.
- Less vibration for a **smoother, more comfortable cut** and better cut quality.
- **60% stronger torque resistance** for exceptional safety thanks to the i-HD™ process.
- **Applications:** for concrete and reinforced concrete on angle grinder, cut of saw and floor saws up to more than 90 hp.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 12/2,2 | 70184630301 | 5450248414193 |
| | 125 | 22,23 | 12/2,2 | 70184630302 | 5450248414209 |
| | 230 | 22,23 | 15/3,0 | 70184647723 | 5450248569299 |
| | 300 | 20 | 15/3,0 | 70184647787 | 5450248570745 |
| | 300 | 25,4 | 15/3,0 | 70184647788 | 5450248570752 |
| | 350 | 20 | 15/3,2 | 70184647789 | 5450248570769 |
| | 350 | 25,4 | 15/3,2 | 70184647790 | 5450248570776 |
| | 400 | 20 | 15/3,2 | 70184693353 | 5450248572657 |
| | 400 | 25,4 | 15/3,2 | 70184693354 | 5450248572664 |
| | 450 | 25,4 | 15/3,8 | 70184602363 | 5450248727361 |
| | 500 | 25,4 | 15/3,8 | 70184601690 | 5450248709626 |
| | 600 | 25,4 | 15/4,4 | 70184601691 | 5450248709633 |
| | 700 | 25,4 | 15/4,4 | 70184601692* | 5450248709640 |
| | 800 | 25,4 | 15/4,4 | 70184601693 | 5450248709657 |

*Formerly Duo Extreme and Vorax 5 (≥500mm)* * Available on request




| NAME | MACHINE | POWER | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|---|
| Beton 10 | | 20 - 30 hp | 500 | 25,4 | 15/3,8 | 70184601696 | 5450248709701 |
| | | 20 - 30 hp | 600 | 25,4 | 15/4,4 | 70184601735 | 5450248710691 |
| | | 20 - 30 hp | 700 | 25,4 | 15/4,4 | 70184601999* | 5450248717898 |
| Beton 20 | | 35 - 54 hp | 600 | 25,4 | 15/4,4 | 70184694212* | 5450248594475 |
| | | 35 - 54 hp | 700 | 25,4 | 15/4,4 | 70184694733 | 5450248693093 |
| | | 35 - 54 hp | 800 | 25,4 | 15/4,4 | 70184694735* | 5450248693116 |
| | | 35 - 54 hp | 900 | 25,4 | 15/4,4 | 70184601694 | 5450248709664 |
| Beton 30 | | 55 - 90 hp | 600 | 25,4 | 15/4,4 | 70184694719* | 5450248692966 |
| | | 55 - 90 hp | 700 | 25,4 | 15/4,4 | 70184694718* | 5450248692959 |
| | | 55 - 90 hp | 800 | 25,4 | 15/4,4 | 70184694721* | 5450248692980 |
| | | 55 - 90 hp | 1000 | 25,4 | 15/4,4 | 70184694723* | 5450248693000 |
| | | 55 - 90 hp | 1200 | 25,4 | 15/4,4 | 70184694724* | 5450248693017 |



*Formerly Vorax* * Available on request

## PRO BETON SILENCIO

- The Norton Clipper Pro Beton Silencio blade reduces noise by up to three times (-5 dB(A)) compared to conventional blades when used on an angle grinder thanks to a special steel core.
- Features 12mm high segments for longer life.
- It is specialised for use on reinforced concrete and building materials, helping you to cut quickly and efficiently in environments where noise and costs need to be kept to a minimum.
- Diameter 350mm has been developed for electric handheld machines such as the Norton Clipper CE414.







| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 230 | 22,23 | 12/2,6 | 70184602810 | 5450248741381 |
| | 350 | 25,4 | 12/2,8 | 70184603274 | 5450248753896 |

## PRO BETON

- Laser welded blade for intensive use on a wide range of construction materials and reinforced concrete.
- For dry or wet cutting.
- Narrow gullet for great results on hard materials.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 230 | 22,23 | 12/2,8 | 70184612117* | 5450248210498 |
| | 300 | 20 | 10/2,5 | 70184627058** | 5450248372554 |
| | 350 | 20 | 10/2,8 | 70184627060** | 5450248372578 |
| | 350 | 25,4 | 10/2,8 | 70184627061** | 5450248372585 |
| | 400 | 25,4 | 10/3,2 | 70184627062** | 5450248372592 |
| | 450 | 25,4 | 10/3,2 | 70184627063** | 5450248372608 |
| | 500 | 25,4 | 10/3,8 | 70184627064** | 5450248372615 |
| | 600 | 25,4 | 10/4,0 | 70184627065** | 5450248372622 |




*Formerly * ZDH Duo ** ZDH 500*

## PRO BETON SOFT*

- Laser welded blade.
- For dry or wet cutting.
- Depth indicator to monitor blade life and show cutting direction (up to 450mm).
- Wide gullet for great results on soft materials.
- Pro Beton Soft blades range are recommended to cut hard material.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 300 | 20 | 12/2,8 | 70184611453 | 5450248185123 |
| | 300 | 25,4 | 12/2,8 | 70184611455 | 5450248185147 |
| | 350 | 20 | 12/2,8 | 70184611456 | 5450248185154 |
| | 350 | 25,4 | 12/2,8 | 70184611458 | 5450248185178 |
| | 400 | 20 | 12/3,2 | 70184611459 | 5450248185185 |
| | 400 | 25,4 | 12/3,2 | 70184611460 | 5450248185192 |
| | 450 | 25,4 | 12/3,2 | 70184611461 | 5450248185208 |
| | 500 | 25,4 | 12/3,8 | 70184611981 | 5450248204374 |
| | 600 | 25,4 | 12/4,4 | 70184611982 | 5450248204381 |




*Formerly Super Beton Evo*

## CLASSIC BETON TURBO

- Laser welded diamond blade.
- For dry or wet cutting.
- Corrugated segments.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/2,4 | 70184694465 | 5450248687993 |
| | 125 | 22,23 | 10/2,4 | 70184694466 | 5450248688006 |
| | 230 | 22,23 | 10/2,6 | 70184694467 | 5450248688013 |
| | 300 | 20 | 10/3,2 | 70184694468 | 5450248688020 |
| | 300 | 25,4 | 10/3,2 | 70184602486 | 5450248730606 |
| | 350 | 20 | 10/3,2 | 70184694469 | 5450248688037 |
| | 350 | 25,4 | 10/3,2 | 70184694470 | 5450248688044 |
| | 400 | 20 | 10/3,2 | 70184601392 | 5450248707493 |
| | 400 | 25,4 | 10/3,2 | 70184694471 | 5450248688051 |




*Formerly Classic Turbo Laser*

## CLASSIC BETON

- An economical solution.
- Laser welded blade.
- Dry or wet cutting.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 300 | 20 | 10/2,8 | 70184626869 | 5450248353621 |
| | 300 | 25,4 | 10/2,8 | 70184626870 | 5450248353638 |
| | 350 | 20 | 10/2,8 | 70184626871 | 5450248353645 |
| | 350 | 25,4 | 10/2,8 | 70184626872 | 5450248353652 |
| | 400 | 25,4 | 10/3,2 | 70184626873 | 5450248353669 |
| | 450 | 25,4 | 10/3,2 | 70184626874 | 5450248353676 |
| | 500* | 25,4 | 10/3,4 | 70184694416* | 5450248687429 |
| | 600* | 25,4 | 10/3,6 | 70184694417* | 5450248687436 |

** 500-600mm with undercutting protection segments*




## NEW STANDARD BETON TURBO

- Sintered segmented blade with a TURBO shape
- More aggressive cut on harder materials
- For cutting light reinforced concrete and harder building materials.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 8/2,6 | 70184608578 | 5450248776277 |
| | 125 | 22,23 | 8/2,8 | 70184608579 | 5450248776284 |
| | 230 | 22,23 | 9/3,4 | 70184608580 | 5450248776291 |
| | 300 | 20 | 10/3,7 | 70184608581 | 5450248776307 |
| | 350 | 25,4/20 | 10/4 | 70184608582 | 5450248776314 |



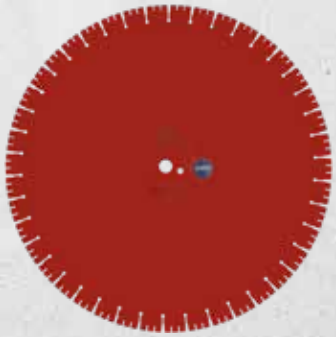

## EXTREME BETON WALL SAW

- The new generation of wall saw blades with i-HD™ technology for the fastest cut ever.
- For electric or hydraulic wall saw machines.

| MACHINES | Ø (mm) | BORE (mm) | BORE PATTERN | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 600 | 25,4 | - | 15/4,8 | 70184607641 | 5450248762393 |
| | 600 | 25,4 | - | 15/5,5 | 70184607702 | 5450248763512 |
| | 650 | 60 | - | 15/3,8 | 70184607812 | 5450248764700 |
| | 700 | 25,4 | - | 15/3,8 | 70184608387 | 5450248771739 |
| | 800 | 25,4 | - | 15/3,8 | 70184607902 | 5450248765349 |
| | 800 | 60 | - | 15/3,8 | 70184607703 | 5450248763529 |
| | 800 | 25,4 | - | 15/4,8 | 70184607704 | 5450248763536 |
| | 800 | 60 | Hydrostress | 15/4,8 | 70184607705 | 5450248763543 |
| | 1000 | 60 | - | 15/4,8 | 70184607730 | 5450248763901 |
| | 1200 | 60 | - | 15/4,8 | 70184607731 | 5450248763918 |

*Other patterns available on demand*

*Formerly V-Max III*



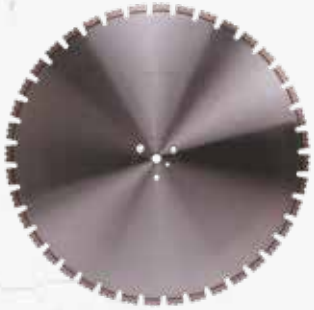
## EXTREME BETON SILENCIO WALL SAW

- Wall saw blade with noise reduction technology.
- For electric or hydraulic wall saw machines.

| MACHINES | Ø (mm) | BORE (mm) | BORE PATTERN | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 800 | 60 | | 14/4,8 | 70184628513* | 5450248565994 |
| | 1000 | 60 | | 14/4,8 | 70184630618* | 5450248443193 |

*Formerly V-MAX*

* Available on request



## EXTREME BETON LB

- Speciality blades for loop cutting on floor saws.
- For concrete and reinforced concrete.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT WIDTH (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 350 | 25,4 | 8 | 70184627442* | 5450248560678 |
| | 350 | 25,4 | 10 | 70184629326* | 5450248566298 |

*Formerly Revex LB*

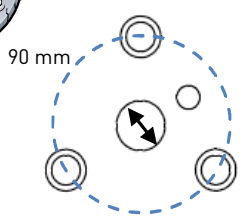
* Available on request



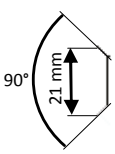


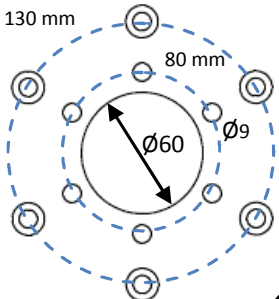
**Clipper's Tip**

## BORE PATTERNS

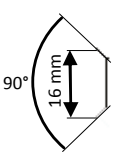


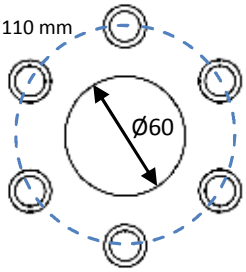

### TS5
3 conical holes for countersunk M10 screws on a 90mm circle.
Bore 25,4mm



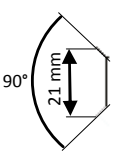




### HYDROSTRESS
6 conical holes for countersunk M8 screws on a 130mm circle
6 holes ø9mm on a 80mm circle
Bore 60mm




### TS20
6 conical holes for countersunk M10 screws on a 110mm circle
Bore 60mm



# NOTES

DIAMOND TOOLS FOR

# UNIVERSAL BUILDING MATERIALS

Discover our diamond blades especially designed for cutting of: cured concrete, kerb stones, concrete pipes, bricks, block paving, flagstones and paving stones, washed gravel concrete slabs, natural stone, sandstone, limestone, flint.



# EXTREME UNIVERSAL TURBO

## WHEN PERFORMANCE MEETS DESIGN

The Extreme Universal blade cuts all medium to hard construction materials, fast.

- 12mm impregnated diamond segments provide very long life.
- Arrow shaped inserts on the blade protect the steel core for reduced blade wear, as well as indicating the correct direction for rotation.
- The ventilated waved steel centre reduces heat which aids blade rigidity during dry cutting.
- The corrugated continuous rim enables smooth, high quality cutting and ease of use. It also cuts more aggressively on hard materials.
- Ideal for use on a very wide range of medium to hard construction materials, block paving, granite, natural stone, roof tiles and hard tiles.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 12/1,8 | 70184623598 | 5450248236863 |
| | 125 | 22,23 | 12/2,0 | 70184623599 | 5450248330868 |
| | 230 | 22,23 | 12/2,8 | 70184623180 | 5450248234692 |
| | 300 | 20 | 12/2,8 | 70184611230 | 5450248174042 |
| | 300 | 25,4 | 12/2,8 | 70184611236 | 5450248174417 |
| | 350 | 20 | 12/3,2 | 70184611427 | 5450248183907 |
| | 350 | 25,4 | 12/3,2 | 70184611561 | 5450248186960 |
| | 230 | 70/22,23 + Flange | 12/2,8 | 70184623448 | 5450248329336 |

*Formerly Aero Jet Evo*




## PRODUCT FEATURES




12mm HIGH SEGMENTS WITH WAVED STEEL CENTRE



ROTATIONAL DIRECTION

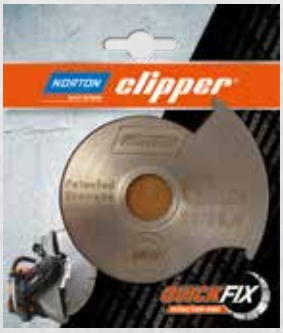
# QUICK FIX

Quickfix

The Quickfix system allows the bore of a blade to be adjusted in order to fit machines with different arbor/shaft diameters. There are 2 versions, the first allows a blade with a 25,4mm bore to be fitted to a machine with a 22,23mm arbor/shaft. The second allows a blade with either a 25,4mm or 22,23mm bore to be mounted on a machine with a 20mm arbor/shaft.

The system complies with the requirements of European Standard EN 13236.

| MACHINES | BORE OF BLADE (mm) | BORE OF MACHINE (mm) | ITEM NO. | EAN |
|---|---|---|---|---|
| | 25,4 | 22,23 | 70184623894 | 5450248236528 |
| | 25,4/22,23 | 20 | 70184622589 | 5450248233176 |



## PRO UNIVERSAL TURBO

- 12mm high continuous rim blade.
- Ideal for use on general materials and stone.
- Reinforcement flanges around the bore ensure rigidity and straight cutting under the most demanding conditions.
- Use dry or wet.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 12/2,1 | 70184610314 | 5450248007616 |
| | 125 | 22,23 | 12/2,1 | 70184610315 | 5450248007623 |
| | 150 | 22,23 | 12/2,5 | 70184610316 | 5450248007630 |
| | 180 | 22,23 | 12/2,5 | 70184610317 | 5450248007647 |
| | 230 | 22,23 | 12/2,8 | 70184610267 | 5450248005223 |
| | 300 | 20 | 12/3,2 | 70184610259 | 5450248004905 |
| | 350 | 20 | 12/3,2 | 70184610334* | 5450248007982 |
| | 350 | 25,4 | 12/3,2 | 70184610336 | 5450248008002 |

*Formerly Euro Jet*

* Available on request

## CLASSIC UNIVERSAL TURBO

- An economical solution.
- Continuous rimmed blade.
- Use dry or wet.






| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/2,2 | 70184626814 | 5450248353188 |
| | 125 | 22,23 | 10/2,2 | 70184626815 | 5450248353195 |
| | 180 | 22,23 | 10/2,4 | 70184626816 | 5450248353201 |
| | 230 | 22,23 | 10/2,6 | 70184626818 | 5450248353225 |
| | 300 | 20 | 10/3,2 | 70184626822 | 5450248353263 |
| | 350 | 25,4 | 10/3,2 | 70184626824 | 5450248353294 |
| | 125 | M14 | 10/2,0 | 70184629695 | 5450248405832 |
| | 230 | 70/22,23 + Flange | 10/2,6 | 70184626819 | 5450248353232 |

*Formerly Classic Jet*

## NEW STANDARD UNIVERSAL TURBO

- Sintered continuous rim blade with a TURBO shape
- Aggressive cut on harder materials.
- Better quality of cut thanks to its continuous rim
- Ideal for hard materials that need a good quality of cut (rooftiles)




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/2,5 | 70184608560 | 5450248776154 |
| | 125 | 22,23 | 10/2,8 | 70184608561 | 5450248776161 |
| | 230 | 22,23 | 10/3,2 | 70184608563 | 5450248776185 |

# EXTREME UNIVERSAL SILENCIO

LASER

## A PREMIUM CUTTING SILENT DIAMOND BLADE

Residential areas, city centres, schools and hospitals are especially sensitive to noise, with local regulations preventing excessive noise levels. With up to 15mm high segments and a bespoke specification for each application, Norton Silencio is our quietest diamond blade, reducing noise by up to 30x (-15 dB) compared to conventional blades when used on concrete, granite and building materials, while achieving a fast, efficient cut.

**What makes Silencio different?**

Winner of 10 innovation and safety awards, Silencio's patented technology relies on two features:

- A noise dampening layer is sandwiched between two sheets of steel which absorbs the cutting vibrations and sound of the product when in use.
- Patented 'off-set gullets' prevent whistling air flow around the diamond blade.
- Each blade is fine-tuned to provide the best possible noise reduction and cutting performance on a particular machine application.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 300 | 25,4 | 15/2,8 | 70184640269 | 5450248456209 |
| | 350 | 25,4 | 15/2,8 | 70184628998 | 5450248398202 |
| | 400 | 25,4 | 15/3,1 | 70184640270 | 5450248456216 |
| | 450 | 25,4 | 15/3,1 | 70184694368* | 5450248686699 |
| | 500 | 25,4 | 15/3,2 | 70184630309 | 5450248414155 |

* Available on request




# EXTREME UNIVERSAL SILENCIO

LASER

- Our best quality for your masonry saw.
- Reduction of noise up to 30x.
- Laser welded blade for optimum safety and performance.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 650 | 25,4 | 15/4,4 | 70184694227 | 5450248594697 |
| | 900 | 60/55 | 15/4,4 | 70184694030 | 5450248587309 |
| | 1000 | 60/55 | 15/4,4 | 70184694595 | 5450248689898 |

*Formerly BS Silencio*





**Clipper's Tip**

**IDEAL FOR BLOCK SAWS**



YouTube

Norton Clipper Silencio

# EXTREME UNIVERSAL LASER

## TREAT YOUR MASONRY SAW WITH THE BEST.

The Extreme Universal blade has super fast cutting and very long life on all materials from soft to hard.

- Up to 15mm high segments provide long life and fast cut on all building materials.
- The DUO segments provide high cutting speed, improved comfort and low vibration levels.
- Arrow shaped gullet slots quickly remove debris from the blade surface and indicates the rotational direction.
- 'DUO' shaped cut reduces heat and cools the blade core.
- Laser welded segments ensure optimum safety against segment loss.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 300* | 30/25,4 | 15/2,8 | 70184612282 | 5450248218777 |
| | 350* | 30/25,4 | 15/2,8 | 70184612283 | 5450248218784 |
| | 400 | 25,4 | 10/3,2 | 70184611438 | 5450248184782 |
| | 450 | 25,4 | 10/3,2 | 70184611439 | 5450248184799 |
| | 500 | 25,4 | 7/3,8 | 70184611440 | 5450248184805 |

** Special Duo shaped segments and Duo laser cuts for 300mm & 350mm diameter blades only*

*Formerly FMD DUO*



## PRODUCT FEATURES




15mm HIGH SEGMENTS
ON DIAMETER 300mm AND 350mm



ROTATIONAL DIRECTION




FOR BEST RESULTS USE ON NORTON CLIPPER MASONRY SAWS - SEE PAGE 133

## PRO UNIVERSAL SILENCIO

LASER

- The Norton Clipper Pro Universal Silencio blade reduces noise by up to eight times (-9 dB(A)) compared to conventional blades when used with a masonry saw.
- The Pro Universal Silencio blade features 12mm high segments for longer life.
- Ideal for concrete and building materials, it achieves a fast, efficient cut with limited noise for sensitive environments at a more economical cost when price is a consideration.

-8x SILENCIO

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 350 | 25,4 | 12/3,1 | 70184602811 | 5450248741398 |

*For use on a masonry saw only*




## PRO UNIVERSAL LASER

LASER

- Fast cutting.
- For use on concrete slabs and general purpose building materials.
- Use dry or wet cutting on masonry saws.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 12/2,2 | 70184607493 | 5450248763192 |
| | 125 | 22,23 | 12/2,3 | 70184607684 | 5450248763208 |
| | 150 | 22,23 | 12/2,2 | 70184607685 | 5450248763215 |
| | 150 | 30 | 12/2,2 | 70184607693 | 5450248763284 |
| | 180 | 22,23 | 12/2,5 | 70184607686 | 5450248763222 |
| | 180 | 30 | 12/2,5 | 70184607687 | 5450248763239 |
| | 230 | 22,23 | 12/3,0 | 70184603038 | 5450248747291 |
| | 300 | 20 | 12/3,1 | 70184607689 | 5450248763246 |
| | 300 | 25.4 | 12/3,1 | 70184607690 | 5450248763253 |
| | 350 | 20 | 12/3,20 | 70184607691 | 5450248763260 |
| | 350 | 25,4 | 12/3,2 | 70184607692 | 5450248763277 |
| | 350 | 25,4 | 10/2,8 | 70184611209 | 5450248173236 |
| | 400 | 25,4 | 10/2,5 | 70184610679 | 5450248015277 |
| | 400 | 25,4 | 10/3,2 | 70184625951 | 5450248347996 |
| | 400 | 20 | 12/3,2 | 70184631497 | 5450248799917 |
| | 450 | 25,4 | 12/3,2 | 70184609093 | 5450248788492 |
| | 500 | 25,4 | 10/3,2 | 70184625953 | 5450248348016 |

*Formely Euro ZML Evo and Alfa*






## CLASSIC UNIVERSAL LASER

- An economical blade choice for dry or wet cutting on masonry saws.
- For use on construction materials and lightweight blocks, clay blocks, sandstone.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 7/2,2 | 70184626834 | 5450248353409 |
| | 125 | 22,23 | 7/2,2 | 70184626835 | 5450248353416 |
| | 150 | 22,23 | 7/2,2 | 70184626836 | 5450248353423 |
| | 180 | 22,23 | 7/2,5 | 70184626837 | 5450248353447 |
| | 230 | 22,23 | 10/2,5 | 70184626838 | 5450248353454 |
| | 300 | 20 | 10/2,5 | 70184626839 | 5450248353461 |
| | 300 | 25,4 | 10/2,5 | 70184626840 | 5450248353478 |
| | 350 | 20 | 10/2,8 | 70184626841 | 5450248353485 |
| | 350 | 25,4 | 10/2,8 | 70184626842 | 5450248353492 |

*Formerly Classic Laser*

## CLASSIC UNIVERSAL

- An economical solution.
- Sintered blade.
- Use dry or wet.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/1,8 | 70184626806 | 5450248353096 |
| | 125 | 22,23 | 10/1,8 | 70184626807 | 5450248353102 |
| | 180 | 22,23 | 10/2,2 | 70184626809 | 5450248353126 |
| | 230 | 22,23 | 10/2,4 | 70184626810 | 5450248353133 |
| | 300 | 20 | 10/3,0 | 70184626811 | 5450248353157 |
| | 350 | 25,4 | 10/3,2 | 70184626813 | 5450248353171 |

*Formerly Classic Uni*

## NEW STANDARD UNIVERSAL

- Sintered segmented blade
- For universal building materials such as bricks, pavers and building blocks




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/1,9 | 70184608572 | 5450248776215 |
| | 125 | 22,23 | 10/2,2 | 70184608573 | 5450248776222 |
| | 230 | 22,23 | 10/2,6 | 70184608575 | 5450248776246 |
| | 300 | 20 | 10/3 | 70184608576 | 5450248776253 |
| | 350 | 25,4/20 | 10/3,4 | 70184608577 | 5450248776260 |

## X-LOCK UNIVERSAL LASER

- Featuring the X-LOCK system for fast disc changeover.
- X-LOCK blades are also compatible for use on conventional angle grinders with spindle mount.



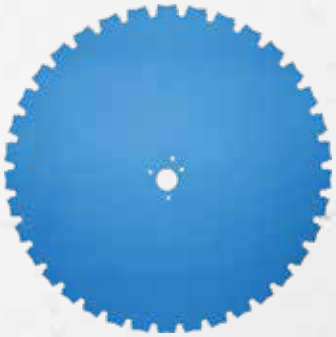

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/2,2 | 70184607941 | 5450248766902 |
| | 125 | 22,23 | 10/2,4 | 70184607942 | 5450248766919 |

## EXTREME UNIVERSAL LASER

- Super fast cutting and very long life on all materials from soft to hard.
- Up to 15mm high segments.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 900 | 60 | 15/4,8 | 70184647651 | 5450248564287 |

*Formerly DUO BS15*



## PRO UNIVERSAL LASER

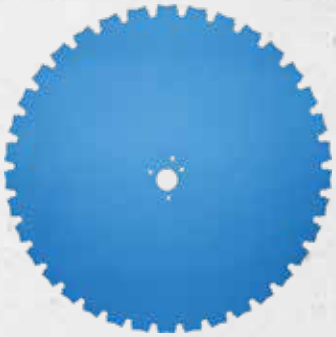
- Laser welded ensure optimum performance and security.
- 12mm segment height.
- For use on concrete slabs and general purpose building materials.
- Use dry or wet cutting on masonry saws.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 600 | 25,4 | 12/4,4 | 70184647258* | 5450248564195 |
| | 625 | 60 | 12/4,4 | 70184693972 | 5450248586593 |
| | 650 | 25,4 | 12/4,4 | 70184647265 | 5450248564225 |
| | 700 | 25,4 | 12/4,4 | 70184603061** | 5450248748793 |
| | 700 | 60 | 12/4,4 | 70184647264 | 5450248564218 |
| | 900 | 60 | 12/4,4 | 70184647266 | 5450248564232 |
| | 1000 | 60 | 12/4,4 | 70184647263 | 5450248564201 |

** Specially designed for your CM70 ALU

*Formerly Pro BS12*

* Available on request



## CLASSIC UNIVERSAL LASER

- An economical blade choice for dry or wet cutting on masonry saws.
- For use on construction materials and lightweight blocks, clay blocks, sandstone.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 650 | 25,4 | 10/4,4 | 70184647267 | 5450248564249 |
| | 900 | 60 | 10/4,4 | 70184647269 | 5450248564256 |
| | 1000 | 60 | 10/4,4 | 70184647650 | 5450248564263 |

*Formerly Classic BS10*








**DIAMOND BLADE RECOMMENDED AND DELIVERED WITH CM70 ALU: 70184603061**



**IDEAL FOR BLOCK SAWS**



# PRO UNIVERSAL DUCTILE

Multi-material vacuum-brazed blades for dry-cutting of a wide variety of materials.

For use on general purpose building materials, concrete, asphalt roof shingles, PVC, clay and fiberglass-reinforced resin, small amount of wood, ductile iron and metals.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 2,8 | 70184694459 | 5450248687894 |
| | 125 | 22,23 | 2,8 | 70184694460 | 5450248687900 |
| | 180 | 22,23 | 2,8 | 70184694461 | 5450248687917 |
| | 230 | 22,23 | 3,1 | 70184694462 | 5450248687924 |
| | 300 | 20 | 3,4 | 70184694463 | 5450248687931 |
| | 350 | 25,4 | 3,4 | 70184694464 | 5450248687948 |
| | 400 | 20 | 3,3 | 70184694691 | 5450248691518 |

*Formerly Multi-Runner*




# PRO PIPE CUTTER

- For cutting and grinding plastic pipes.
- Allows to cut and grind a plastic pipe in only one step.
- Can be used on all materials.



| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 125 | 22,23 | 2,5 | 70184601374 | 5450248707189 |





## EXTREME UNIVERSAL TP-Z

- Innovative mortar raker with alternated Z shape segments that reduces contact surface area for a faster cut with less friction.
- Made with i-HD™ technology for long life and a high removal rate.
- For the removal of mortar joints between bricks, natural stone blocks or facing bricks.



| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 7/6,5 | 70184601130 | 5450248704553 |
| | 125 | 22,23 | 7/6,5 | 70184641691 | 5450248492801 |

*Formerly TP-Z*

## PRO UNIVERSAL TP

- Segments with different thicknesses for a number of different mortar joints.
- The hard-metal protection inserts prevent under-cutting of the steel-centre and contributes to longer product life.
- For the removal of mortar joints between bricks, natural stone blocks or facing bricks.
- Removes mortar 2x faster than a standard blade.



| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 6,5/4,5 | 70184610712 | 5450248047063 |
| | 125 | 22,23 | 6,5/4,5 | 70184610713 | 5450248047070 |
| | 115 | 22,23 | 6,5/6,5 | 70184610305 | 5450248006466 |
| | 125 | 22,23 | 6,5/6,5 | 70184610307 | 5450248006534 |
| | 115 | 22,23 | 6,5/8,0 | 70184610715 | 5450248047094 |
| | 125 | 22,23 | 6,5/8,0 | 70184610716 | 5450248047100 |

*Formerly TP Mortar Raker*

## PRO UNIVERSAL TP-V

- Special tool for the repair of cracks in floors and walls.
- The V-shape segments widen the crack to allow repair with mortar.
- For use on concrete floors and walls, masonry walls, and plasterboard.
- Removes concrete 2x faster than a standard blade.



| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 13/6,5 | 70184624198 | 5450248235477 |
| | 125 | 22,23 | 13/6,5 | 70184624199 | 5450248235484 |

*Formerly TP-V Crack Chaser*

# EXTREME CG



**Clipper's Tip**

**BEST WHEN USED ON NORTON CLIPPER CG125 AND CG180!**
**SEE PAGE 211**

Now with i-HD™ technology, Clipper Extreme Cup Grinders provide the ultimate surface grinding performance.

- i-HD segments provide the **best finish, high material removal rates** and **longest life** thanks to the uniform density of diamonds across each whole segment.
- The unique large segment design enables faster **grinding of large surfaces.**
- Low vibrations provide better comfort during use.
- Large ventilation holes mean better cooling and less heat generation.
- Flat 125mm cup grinder is suitable for use on all vacuum grinders.
- For use on building materials, concrete, natural stone and abrasive materials.
- For tilers, general builders, concrete flooring contractors, swimming pool installers.






Cup Height 

| MACHINES | Ø (mm) | CUP HEIGHT (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 100 | 19 | 22,23 | 4,5 | 70184694991 | 5450248697343 |
| | 125 | 24 | 22,23 | 4,5 | 70184694993 | 5450248697367 |
| | 180 | 29 | 22,23 | 4,5 | 70184694994 | 5450248697374 |
| | 125 FLAT | 19 | 22,23 | 4,5 | 70184694992 | 5450248697350 |

*See page 18 for more information on merchandising displays*

# PRO CG

- High material removal rate.
- Low vibration for better comfort when in use.
- i-HD manufacturing technology ensures long life and a good standard of finishing.
- For surfacing and grinding medium hardness construction and building materials (concrete, reinforced concrete, natural stone).

Cup Height 



| MACHINES | Ø (mm) | CUP HEIGHT (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 100 | 19 | 22,23 | 4,5 | 70184694988 | 5450248697312 |
| | 125 | 24 | 22,23 | 4,5 | 70184694989 | 5450248697329 |
| | 180 | 29 | 22,23 | 4,5 | 70184694990 | 5450248697336 |

# CLASSIC CG

- An economical solution.
- For surfacing and grinding hard construction and building materials (concrete, reinforced concrete, natural stone).
- Smaller segments have excellent performance on hard materials.
- Flat sides avoid damaging walls or ceilings during flush grinding.

Cup Height 



| MACHINES | Ø (mm) | CUP HEIGHT (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 100 | 19 | 22,23 | 4,5 | 70184694995 | 5450248697381 |
| | 125 | 24 | 22,23 | 4,5 | 70184694996 | 5450248697398 |
| | 180 | 29 | 22,23 | 4,5 | 70184601079 | 5450248699293 |

# EXTREME CG COMFORT

EXTREME CG Comfort has been specifically developed to lower vibration levels and improve operator comfort.

- Lower vibration levels
- Comfortable to use
- New segment shape for optimum results
- i-HD™ Technology for high material removal and long life

LOW VIBRATION



**Clipper's Tip**

Hand-Arm vibrations provokes painful and disabling disorders of the blood vessels and nerves, leading to a disease called Vibration White Finger. We have developed a product that minimises the vibration and optimises your comfort.

| MACHINES | Ø (mm) | CUP HEIGHT (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 100 | 20 | 22,23 | 4,5 | 70184607656 | 5450248762690 |
| | 125 | 25 | 22,23 | 4,5 | 70184602648 | 5450248735106 |
| | 180 | 30 | 22,23 | 4,5 | 70184607657 | 5450248762706 |

Cup Height



**Clipper's Tip**

BEST WHEN USED ON NORTON CLIPPER CG125 (SEE PAGE 211)

# PRO CG-PCD COMFORT

- PolyCrystalline Diamond (PCD) cup wheel, designed for the fast removal of glue, epoxy resins & paint.
- The embedded anti-vibration system provides comfort during use.
- Use a concrete cup wheel after using PCD wheels to ensure a great finish.

Cup Height





| MACHINES | Ø (mm) | CUP HEIGHT (mm) | BORE (mm) | PCD ELEMENTS | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 125 | 18 | 22,23 | 12pcs | 70184645886 | 5450248535492 |

# CLASSIC CG-PCD

- Cost-effective PolyCrystalline Diamond (PCD) cup wheel.
- Designed for the fast removal of glue, epoxy resins & paint.
- Use a concrete cup wheel after using PCD wheels to ensure a great finish.

Cup Height





| MACHINES | Ø (mm) | CUP HEIGHT (mm) | BORE (mm) | PCD ELEMENTS | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 125 | 19 | 22,23 | 12pcs | 70184693445 | 5450248577317 |

## EXTREME CUT'N'GRIND

- Multi-purpose tool for cutting and grinding of building materials.
- i-HD™ technology offers longer life, a faster cut and a unique design.
- Can be used for the same applications as diamond blades and diamond cup grinders.
- Equipped with an aluminium flange in connection M14 for offset cutting and grinding.



| MACHINES | Ø (mm) | BORE | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 125 | M14 | 25 / 3,9 | 70184602036 | 5450248719182 |



*Clipper's Tip*

ONE BLADE FOR TWO APPLICATIONS : CUTTING AND GRINDING

## PRO CUT'N'GRIND

- Sintered Turbo shape, for fast material removal and good finishing quality in cutting and grinding.
- Equipped with an aluminium flange in connection M14 for offset cutting and grinding.
- Can be used for the same applications as diamond blades and diamond cup grinders.
- For use on concrete, washed concrete, blocks, ductile iron and natural stones.



| MACHINES | Ø (mm) | BORE | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 100 | M14 | 25 / 3,9 | 70184641171 | 5450248465591 |
| | 125 | M14 | 25 / 3,9 | 70184641172 | 5450248465607 |

# NOTES

DIAMOND TOOLS FOR

# MULTI MATERIALS

Multi-purpose blades for cutting concrete, reinforced concrete, roof tiles, paviours, blocks, granite, natural stone, asphalt, breeze blocks, sandstone and gridstone.



# PRO 4X4 EXPLORER

The Pro 4x4 Explorer range is even better than before. Faster cutting, longer life, improved safety and greater comfort when used on any material are all additional benefits of this blade.

- Multipurpose blade cuts all materials.
- Up to 12mm segment height for more cuts per wheel.
- Trapezoid shaped segments give a comfortable, smoother cut with lower vibration levels.
- Patented cut depth indicator allows better visibility of cut depth when in use.
- Keep track of segment wear with the specially engraved wear indicator.
- Patented drop shaped gullets prevents fatigue cracks even when cutting thick metal.




For cutting off all the following materials :

- Reinforced concrete
- Concrete lintels
- Limestone concrete
- Concrete roof tiles
- Paviours and blocks
- Granite & natural stones
- Asphalt
- Asphalt over concrete
- Breeze blocks
- Gridstone
- Sandstone
- Steel parts up to 5mm thick

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/2,2 | 70184602018 | 5450248720997 |
| | 125 | 22,23 | 10/2,2 | 70184602019 | 5450248721000 |
| | 180 | 22,23 | 10/2,5 | 70184602020 | 5450248721000 |
| | 230 | 22,23 | 12/2,5 | 70184602021 | 5450248721024 |
| | 300 | 20 | 12/3,0 | 70184602022 | 5450248721031 |
| | 300 | 25,4 | 12/3,0 | 70184602023 | 5450248721048 |
| | 350 | 20 | 12/3,2 | 70184602091 | 5450248721055 |
| | 350 | 25,4/20 | 12/3,2 | 70184602092 | 5450248721062 |
| | 350 | 25,4 | 12/3,2 | 70184602093 | 5450248721079 |
| | 400 | 25,4 | 12/3,2 | 70184602095 | 5450248721093 |
| | 400 | 20 | 12/3,2 | 70184602094 | 5450248721086 |
| | 450 | 25,4 | 12/3,2 | 70184602096 | 5450248721109 |
| | 500 | 25,4 | 10/3,8 | 70184602097 | 5450248721116 |

## PRODUCT FEATURES



DROP-SHAPE GULLETS




SEGMENT WEAR INDICATOR




PATENTED CUTTING DEPTH INDICATOR

# QUICK FIX

The Quickfix system allows the bore of a blade to be adjusted in order to fit machines with different arbor/shaft diameters. There are 2 versions, the first allows a blade with a 25,4mm bore to be fitted to a machine with a 22,23mm arbor/shaft. The second allows a blade with either a 25,4mm or 22,23mm bore to be mounted on a machine with a 20mm arbor/shaft.

The system complies with the requirements of European Standard EN 13236.

| MACHINES | BORE OF BLADE (mm) | BORE OF MACHINE (mm) | ITEM NO. | EAN |
|---|---|---|---|---|
| | 25,4 | 22,23 | 70184623894 | 5450248236528 |
| | 25,4/22,23 | 20 | 70184622589 | 5450248233176 |



## NEW STANDARD ALL MATERIALS

LASER

- For cutting multiple materials such as concrete, granite, asphalt, bricks, pavers, building blocks, steel parts up to 5mm thick and much more.
- For use on a handheld saw machine. Masonry saw and floor saw are compatible with 350mm diameter diamond blades for occasional use.
- 100% laser blades with segment height of 10mm




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/2,2 | 70184609627 | 5450248790990 |
| | 125 | 22,23 | 10/2,2 | 70184609628 | 5450248791003 |
| | 230 | 22,23 | 10/2,5 | 70184609629 | 5450248791010 |
| | 300 | 20 | 10/2,5 | 70184609630 | 5450248791027 |
| | 350 | 25,4/20 | 10/2,8 | 70184609633 | 5450248791058 |

## INVINCIBLE BLADES

- Invincible blades are designed specifically to form a 'dynamic duo' with all battery powered machines.
- **INVINCIBILITY** – Second generation iHD autoattachment technology makes blade segments Invincible and the blade itself, incredibly safe to use.
- **DEPENDABILITY** – No mounting/demounting required, you can rely on Invincible to cut through all building materials.
- **VERSATILITY** – Invincible works well with any sidekick; battery powered or regular angle grinder.
- **SPEED AND POWER** – Our 'Man of Steel' cuts through material quickly and easily.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| | 115 | 22,23 | 12/2,2 | 1 | 70184603342 | 5450248756590 |
| | 125 | 22,23 | 12/2,2 | 1 | 70184603343 | 5450248756606 |
| | 150 | 22,23 | 12/2,2 | 1 | 70184608969 | 5450248787105 |

**BLADES IN A KIT OF 10 PIECES + 1 CARDBOARD COUNTER DISPLAY**




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| | 115 | 22,23 | 22,23 | 1 | 70184607642 | 5450248762409 |
| | 125 | 22,23 | 22,23 | 1 | 70184607643 | 5450248762416 |

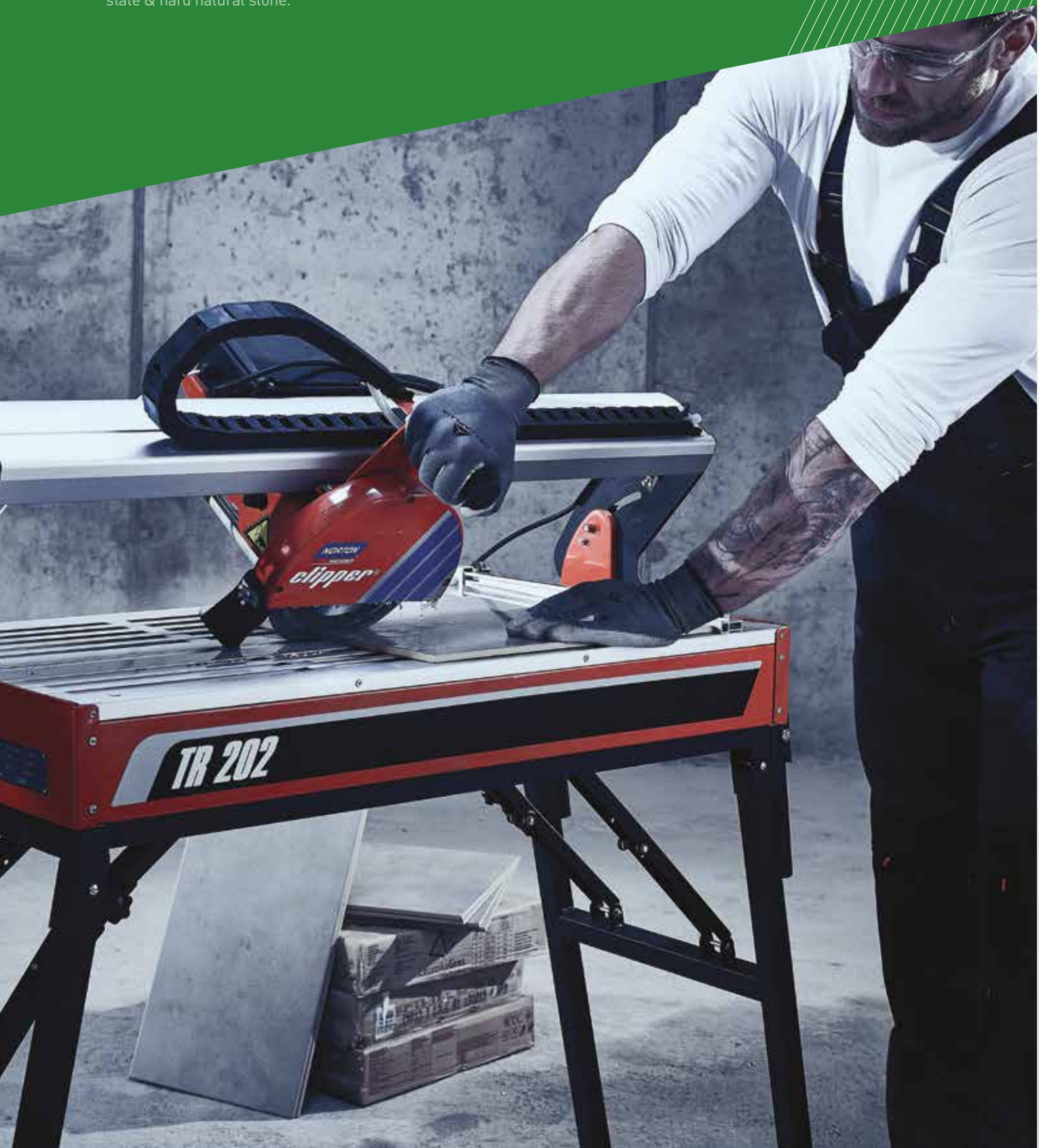
YouTube
Norton Clipper Invincible

# NOTES

DIAMOND TOOLS FOR

# CERAMIC AND PORCELAIN TILES

Discover our diamond blades especially designed for cutting off : ceramic and porcelain tiles, vitrified reconstituted stone, glass, textured glass, glazed ceramic tiles, granite, marble, slate & hard natural stone.



# EXTREME CERAMIC TURBO

## QUALITY CUTTING OF HARD CERAMIC TILES.

- This 10mm high continuous rim blade is the perfect choice for a high quality cut.
- Premium diamond grade and free cutting metal bond make this blade perfect for cutting even the hardest tiles.
- 1,4mm thickness for fast cutting and reduced material wastage.
- The reinforced flange on the steel centre helps to keep the blade straight without causing damage to the tile.
- For use on angle grinders, rail tile and masonry saws.
- Can be used on ceramic, porcelain, walls and floor tiles.



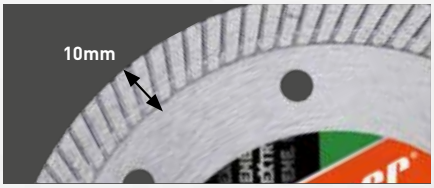

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/1,4 | 70184644759** | 5450248523994 |
| | 125 | 22,23 | 10/1,4 | 70184644760** | 5450248524007 |
| | 180 | 22,23 | 10/1,4 | 70184621970** | 5450248232193 |
| | 200 | 25,4 | 10/2 | 70184625427* | 5450248345756 |
| | 230 | 22,23 | 10/2 | 70184621973** | 5450248232186 |
| | 230 | 25,4 | 10/2 | 70184627653* | 5450248385813 |
| | 250 | 25,4 | 10/2 | 70184625428* | 5450248345763 |
| | 250 | 30 | 10/2 | 70184645565*▲ | 5450248531586 |
| | 300 | 25,4 | 10/2,2 | 70184625429* | 5450248345787 |
| | 300 | 30 | 10/2,2 | 70184645566* | 5450248531593 |

*Formerly Super Gres XT* and Super Gres XT Evo***

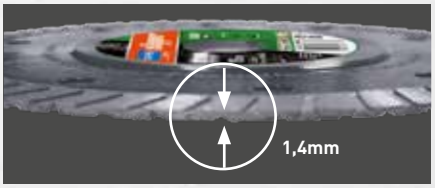
▲ Available on request




## PRODUCT FEATURES




10mm HIGH DIAMOND RIM




1,4mm THICK BLADE



FAST CUTTING CONTINUOUS RIM

# EXTREME CERAMIC

- Continuous rim sintered diamond blade for wet cutting on masonry saws.
- Thin laser-cut slots to allow blade cooling and smoother cut.
- For use on glazed ceramic tiles, granite, marble, slate, quarry tiles.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 200 | 25,4 | 9/1,6 | 70184647047 | 5450248554608 |
| | 230 | 25,4 | 9/1,6 | 70184644431 | 5450248522409 |
| | 250 | 25,4 | 9/1,6 | 70184644432 | 5450248522416 |
| | 300 | 25,4 | 9/2,0 | 70184630334 | 5450248414599 |
| | 350 | 25,4 | 9/2,0 | 70184630335 | 5450248414605 |

*Formerly Ceram XJ*



## EXTREME CERAMIC SOFT*

- Continuous rim sintered diamond blade for wet cutting on masonry saws.
- Thin laser-cut slots to allow blade cooling and smoother cut.
- For use on glazed ceramic tiles.
- Offers a very good finish on the hardest tiles.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 200 | 25,4 | 2 /9 | 70184603234 | 5450248753445 |
| | 230 | 25,4 | 2 /9 | 70184603235 | 5450248753452 |
| | 250 | 25,4 | 2 /9 | 70184603236 | 5450248753469 |
| | 300 | 25,4 | 2 /9,5 | 70184602483 | 5450248730422 |
| | 350 | 25,4 | 2 /9,5 | 70184602484 | 5450248730439 |
| | 400 | 25,4 | 2,4 /10 | 70184603237 | 5450248753476 |

* Extreme Ceramic Soft range blades are recommended to cut hard materials




YouTube
Norton Clipper Extreme Ceramic

## PRO CERAMIC

- Continous diamond rim.
- Good value for money.
- Can be used for dry or wet cutting.
- For use on ceramics, granite, marble, slate, quarry tiles.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| *Wet & dry cutting* | | | | | |
| | 115 | 22,23 | 9/1,6 | 70184625942 | 5450248347927 |
| | 125 | 22,23 | 9/1,6 | 70184625940 | 5450248347897 |
| | 180 | 22,23 | 9/1,7 | 70184625944 | 5450248347941 |
| | 230 | 22,23 | 9/2,2 | 70184625946 | 5450248347965 |

*Formerly MD 110 CD*




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| *Wet cutting only* | | | | | |
| | 150 | 25,4/22,23 | 10/1,6 | 70184625560 | 5450248346319 |
| | 180 | 25,4/22,23 | 10/1,9 | 70184625561 | 5450248346326 |
| | 200 | 25,4 | 10/1,9 | 70184625093 | 5450248343998 |
| | 200 | 30 | 10/1,9 | 70184625094 | 5450248344001 |
| | 230 | 25,4 | 10/1,9 | 70184625096 | 5450248344025 |
| | 250 | 25,4 | 10/2 | 70184625097 | 5450248344032 |
| | 300 | 25,4 | 10/2 | 70184625098 | 5450248344049 |
| | 350 | 25,4 | 10/2 | 70184625100 | 5450248344063 |

*Formerly MD 120 C*




## CLASSIC CERAMIC TURBO

- Turbo continuous rimmed diamond blade faster & smoother cutting of hard ceramic tiles.
- Economical solution.
- For dry or wet cutting of porcelain and ceramic tiles.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 7/1,6 | 70184627645 | 5450248385745 |
| | 125 | 22,23 | 7/1,6 | 70184627646 | 5450248385752 |

*Formerly Classic Ceram XT*



## CLASSIC CERAMIC

- Continous diamond rim.
- Good value for money.
- Dry or wet cutting of medium hard tiles and ceramic tiles.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 5/1,6 | 70184626825 | 5450248353317 |
| | 125 | 22,23 | 5/1,6 | 70184626826 | 5450248353324 |
| | 180 | 25,4/22,23 | 5/1,7 | 70184626828 | 5450248353348 |
| | 200 | 30/25,4 | 5/1,7 | 70184626829 | 5450248353355 |
| | 230 | 22,23 | 5/1,8 | 70184626830 | 5450248353362 |
| | 230 | 25,4 | 5/1,8 | 70184628734 | 5450248396499 |
| | 250 | 25,4 | 5/1,8 | 70184626831 | 5450248353379 |
| | 300 | 25,4 | 5/2,1 | 70184626832 | 5450248353386 |
| | 350 | 25,4 | 5/2,1 | 70184626833 | 5450248353393 |

## NEW STANDARD CERAMIC

- Sintered continuous rim blade.
- For ceramic, glazed ceramic and porcelain tiles.
- Suits also for all similar materials that need a good quality of cut offered by its continuous rim.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 7/1,6 | 70184608555 | 5450248776109 |
| | 125 | 22,23 | 7/1,6 | 70184608556 | 5450248776116 |
| | 180 | 22,23/25,4 | 7/1,8 | 70184608557 | 5450248776123 |
| | 200 | 30/25,4 | 7/2 | 70184608558 | 5450248776130 |
| | 230 | 22,23/25,4 | 8/2 | 70184608559 | 5450248776147 |

## X-LOCK CERAMIC

- Featuring the X-LOCK system for fast disc changeover.
- X-LOCK blades are also compatible for use on conventional angle grinders with spindle mount.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 10/1,4 | 70184607943 | 5450248766926 |
| | 125 | 22,23 | 10/1,4 | 70184607944 | 5450248766933 |

DIAMOND BLADES FOR

# GRANITE, MARBLE & NATURAL STONE



# EXTREME GRANITE

The 15mm 'Duo' shaped trapezoidal segments are produced with i-HD™ technology making them optimised for cutting hard materials such as granite, natural stone, concrete slab and blocks. These segments also provide benefits such as super long life, excellent cutting speed, improved operator comfort and low vibration. The Extreme Granite also provides optimum safety against segment loss.

The exclusive "arrow" shaped gullet slots permanently indicate the correct direction of rotation.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 230 | 22,23 | 15/2,6 | 70184601172 | 5450248702702 |
| | 300 | 20 | 15/2,8 | 70184601173 | 5450248702719 |
| | 350 | 25,4 | 15/2,8 | 70184601174 | 5450248702726 |
| | 350 | 25,4 | 15/2,8 | 70184603311 | 5450248755210 |
| | 500 | 25,4 | 15/3,2 | 70184603312 | 5450248755227 |
| | 900 | 60 | 12/4,6 | 70184603313 | 5450248755234 |
| | 1000 | 60 | 12/4,6 | 70184608796 | 5450248780717 |



*Formerly Duo Granite+*

YouTube
Norton Clipper Extreme Granite



**Clipper's Tip**

USE QUICKFIX SYSTEM FOR THE BLADE TO FIT MACHINES WITH DIFFERENT ARBOR/SHAFT DIAMETER (SEE PAGE 54)

# EXTREME STRADALIT

- Laser-welded, 10mm high segments with silent steel-centre, ideal for wet cutting very hard natural stone, cured clay pavers and engineering bricks on masonry saws.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 350 | 25,4 | 10/2,5 | 70184621132 | 5450248231394 |
| | 400 | 25,4 | 10/2,5 | 70184623047 | 5450248326014 |

*Formerly Super Stradalit Evo*



## PRO GRANITE TURBO

- The 12mm laser welded segments are corrugated in shape, which generate less friction and makes the blade more efficient. These segments also provide the blade with strong cutting performance and a long life.
- Designed for dry and wet cutting.
- Specifically designed for granite, concrete slabs and other hard stone materials.
- An excellent cost to performance ratio, offering great value for money.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | 22,23 | 12/2,2 | 70184626525 | 5450248350859 |
| | 125 | 22,23 | 12/2,2 | 70184626526 | 5450248350866 |
| | 180 | 22,23 | 12/2,4 | 70184626527 | 5450248350873 |
| | 230 | 22,23 | 12/2,6 | 70184626528 | 5450248350996 |
| | 230 | 70/22,23 + Flange | 12/2,6 | 70184629653 | 5450248405436 |
| | 300 | 20 | 12/3,2 | 70184626530 | 5450248351016 |
| | 300 | 25,4 | 12/3,2 | 70184626529 | 5450248351009 |
| | 350 | 20 | 12/3,2 | 70184626531 | 5450248351023 |
| | 350 | 25,4 | 12/3,2 | 70184626532 | 5450248351047 |
| | 400 | 25,4 | 12/3,2 | 70184626533 | 5450248351054 |

*Formerly Granite Turbo Laser*




## PRO GRANITE

- Great value for money blade.
- Designed for use on granite, marble and natural stone.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 300 | 25,4 | 10/2,5 | 70184610384 | 5450248009030 |
| | 350 | 25,4 | 10/3,0 | 70184610385 | 5450248009047 |
| | 400 | 25,4 | 10/3,2 | 70184610386 | 5450248009054 |
| | 450 | 25,4 | 10/3,4 | 70184610436 | 5450248010142 |
| | 500 | 25,4 | 7/3,2 | 70184610437 | 5450248230755 |
| | 600 | 25,4 | 7/4,4 | 70184610438* | 5450248230748 |

*Formerly Granito* * Available on request



## PRO MARMO

- Versatile diamond blade suitable for materials such as granite, marble, plastics and natural stone, and is ideal for use on angle grinders, cut-off saws and masonry saws.
- The electroplated surface and drop-down diamond inserts on the steel centre clean the cutting profile while in use, these features ensure fast and smooth cutting.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 50 | 6 | 2,4 | 70184629965 | 5450248408567 |
| | 115 | 22,23 | 2,4 | 70184626663 | 5450248351498 |
| | 125 | 22,23 | 2,4 | 70184626666 | 5450248351528 |
| | 150 | 20 | 2,4 | 70184601282 | 5450248705017 |
| | 230 | 22,23 | 2,8 | 70184626668 | 5450248351542 |
| | 300 | 25,4 | 2,9 | 70184620243 | 5450248298533 |
| | 350 | 25,4 | 2,9 | 70184620244 | 5450248298557 |

*Formerly Marmo Pro*




## PRO MARMO SURF

- Pro Marmo Surf can be used as both a diamond blade and a diamond cup grinder and is well suited for cutting and grinding natural stone.
- Electroplated continuous rim generates smooth cutting and grinding.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 115 | M14 | 2,4 | 70184640590 | 5450248460022 |
| | 125 | M14 | 2,4 | 70184640591 | 5450248460039 |
| | 230 | 70/22,23 + Flange | 2,8 | 70184640592 | 5450248460046 |

*Formerly Pro Surf*



DIAMOND TOOLS FOR

# ASPHALT & ABRASIVE MATERIALS

Discover our blades especially designed for cutting of: asphalt, asphalt over concrete, green concrete, bitumen, cement joints, breeze blocks and Lignacite blocks



# EXTREME ASPHALT

The Extreme Asphalt blade delivers extremely fast cutting performance and accuracy. The ideal diamond blade for all high speed saws and floor saws when cutting asphalt, asphalt over concrete, green concrete and abrasive building materials.

- 15mm laser welded duo shaped segments protect against undercutting on the steel centre and give the blade excellent cutting speed, low vibration when in use, and an extended product life*.
- The patented 'depth of cut' indicator with stroboscope effect provides the user with greater control*.
- 8 high wear protection segments further extend the blade's life.
- Exclusive "arrow" shaped engraving permanently marks the direction of rotation*.
- Wide gullet slots contribute to fast removal of cutting debris.




* Only on blades for <20 hp machines

| MACHINE | POWER | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | < 20 hp | 300 | 20 | 15/3 | 70184694907 | 5450248695608 |
| | < 20 hp | 350 | 25,4 | 15/3,2 | 70184694537 | 5450248689393 |
| | < 20 hp | 400 | 25,4 | 15/3,2 | 70184694911 | 5450248695615 |
| | < 20 hp | 450 | 25,4 | 15/3,2 | 70184694912 | 5450248695622 |
| | < 20 hp | 500 | 25,4 | 15/3,6 | 70184694913 | 5450248695639 |

*Formerly Duo Asphalt+*




| NAME | MA-CHINE | POWER | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|---|
| Asphalt 10 | | 20 - 30 hp | 500 | 25,4 | 10/4,3 | 70184640191 | 5450248454953 |
| | | 20 - 60 hp | 600 | 25,4 | 12/4,4 | 70184603293 | 5450248754695 |
| | | 20 - 60 hp | 700 | 25,4 | 12/4,4 | 70184603354 | 5450248757023 |
| | | 20 - 60 hp | 800 | 25,4 | 12/4,4 | 70184603355 | 5450248757030 |
| | | 20 - 30 hp | 900 | 25,4 | 10/4,3 | 70184640195 | 5450248455103 |
| | | 20 - 30 hp | 1000 | 25,4 | 10/4,3 | 70184640196* | 5450248455127 |
| Asphalt 20 | | 30 - 60 hp | 500 | 25,4 | 10/4,3 | 70184640200* | 5450248455165 |
| | | 20 - 60 hp | 600 | 25,4 | 12/4,4 | 70184603293 | 5450248754695 |
| | | 20 - 60 hp | 700 | 25,4 | 12/4,4 | 70184603354 | 5450248757023 |
| | | 20 - 60 hp | 800 | 25,4 | 12/4,4 | 70184603355 | 5450248757030 |
| | | 30 - 60 hp | 900 | 25,4 | 10/4,3 | 70184640204 | 5450248455202 |
| Asphalt 30 | | 60 - 90 hp | 600 | 25,4 | 12/4,4 | 70184607905 | 5450248765691 |
| Asphalt 40 | | 60 - 90 hp | 600 | 25,4 | 12/4,4 | 70184607905 | 5450248765691 |



*Formerly Platinum* * Available on request

## PRO ASPHALT

- Designed for intensive use, this blade displays excellent longevity and provides great value for money.
- Undercutting protection on the steel centre thanks to slanted segments.
- A patented depth and direction indicator, helps the operator maintain control over their application at all times.

| MACHINES | POWER | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | < 20 hp | 300 | 20 | 10/2,8 | 70184623182 | 5450248234975 |
| | < 20 hp | 300 | 25,4 | 10/2,8 | 70184623184 | 5450248234999 |
| | < 20 hp | 350 | 20 | 10/3,2 | 70184623185 | 5450248235002 |
| | < 20 hp | 350 | 25,4 | 10/3,2 | 70184623186 | 5450248235019 |
| | < 20 hp | 400 | 25,4 | 10/3,2 | 70184628159 | 5450248391531 |
| | < 20 hp | 450 | 25,4 | 10/3,2 | 70184628160 | 5450248391548 |
| | < 20 hp | 500 | 25,4 | 10/3,8 | 70184611979 | 5450248204350 |
| | < 20 hp | 600 | 25,4 | 7/3,8 | 70184611980 | 5450248204367 |

*Formerly Super Asphalt Evo*




## CLASSIC ASPHALT

- Laser welded diamond segments make this blade suitable for wet or dry cutting of asphalt, asphalt over concrete, green concrete, abrasive materials and concrete roof tiles.
- Its versatility and price to performance ration, make this blade excellent value for money.

| MACHINES | POWER | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | < 20 hp | 300 | 20 | 10/2,5 | 70184626876 | 5450248353706 |
| | < 20 hp | 300 | 25,4 | 10/2,5 | 70184626877 | 5450248353713 |
| | < 20 hp | 350 | 20 | 10/2,8 | 70184626878 | 5450248353737 |
| | < 20 hp | 350 | 25,4 | 10/2,8 | 70184626879 | 5450248353744 |
| | < 20 hp | 400 | 20 | 10/3,2 | 70184645242 | 5450248528043 |
| | < 20 hp | 400 | 25,4 | 10/3,2 | 70184626880 | 5450248353751 |
| | < 20 hp | 450 | 25,4 | 10/3,2 | 70184626881 | 5450248353768 |
| | < 20 hp | 500* | 25,4 | 10/3,2 | 70184601944 | 5450248716228 |
| | < 20 hp | 600* | 25,4 | 10/3,2 | 70184601945 | 5450248716235 |

** 500-600mm with undercutting protection segments*



## EXTREME GREEN CONCRETE

- 14mm high laser welded segments for longer life.
- Wear protection segments to prevent under-cutting of the steel core.
- For use on green concrete, lignacite and tarmac top blocks for machines up to 25 hp.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 300 | 25,4 | 14/3 | 70184602877 | 5450248742906 |
| | 350 | 25,4 | 14/3 | 70184602876 | 5450248743095 |
| | 400 | 25,4 | 14/3,3 | 70184603117 | 5450248751199 |



## PRO GREEN CONCRETE

- Laser welded segments for wet cutting.
- Wear protection segments to help prevent under-cutting of the steel centre.
- For use on green concrete, lignacite and tarmac top blocks.

| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 300 | 25,4 | 10/2,5 | 70184624684 | 5450248237815 |
| | 350 | 25,4 | 10/2,8 | 70184624685 | 5450248237822 |

*Formerly M45 Evo*









www.youtube.com/NortonAbrasivesEMEA

# EXTREME ASPHALT LB

Diamond blades with wide segments for loop cutting asphalt and abrasive materials with a floor saw.

- Large choice of segment widths to suit all loop cutting applications on abrasive materials.
- Thick steel centre and hammer segments for better protection against under-cutting of the steel core.



| MACHINES | Ø (mm) | BORE (mm) | SEGMENT WIDTH (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 350 | 25,4 | 8 | 70184618296* | 5450248295396 |
| | 350 | 25,4 | 10 | 70184615813* | 5450248269052 |

*Formerly Platinum LB*

* Available on request



# NOTES

DIAMOND BLADES FOR

# REFRACTORY MATERIALS

Discover our blades especially designed for cutting of: Electrofused, Corhart ZAC, Corhart 104, Zirconia, Jargal, Mullite, Aluminia, Basalt, Oxydes - Dolomite, Tar & Magnesite, Oxydes - Magnesite & Chromite, Chrome. low and high content of aluminia. Oxydes - Zirconia, Silica, Beauxite, Durital, Rocal, Zirmul, Non oxydes - silicon carbide, Carborundum, Graphite... and all refractory materials.



# EXTREME RC

Norton Clipper offers a high performance range diamond blades that have been specifically developed for professional contractors specialising in the maintenance of industrial surfaces.

Discover our wide selection of blades for all types of refractory bricks.




## RECOMMENDATION GUIDE

| | RC400 | RC465 | RC525 | RC540 | RC575 | PRO BETON | PRO ZDM200 | PRO ZMD944T |
|---|---|---|---|---|---|---|---|---|
| **NON OXYDES** (C 80-90%) (SiC 40-70%) | | | | | | | | |
| Silicon Carbide, Carborundum, Graphite | | | | | ● | | | |
| **OXYDES** | | | | | | | | |
| Dolomite, Tar (MgO 40% CaO 60%) | | ● | | | | | | |
| Magnesite (MgO 80-95%) | | ● | ● | | | | ● | ● |
| Chromite, Chrome ($Cr_2O_3$ 30-10% MgO 40-80%) | | | ● | | | | ● | ● |
| Zirconia, Silica ($ZrO_2$ 65-95%) ($SiO_2$) | | | | ● | | ● | | |
| **LOW CONTENT ALUMINA** ($AL_2O_3$ 25-70%) | | | | | | | | |
| Fireclay | | | ● | | | ● | ● | |
| **HIGH CONTENT ALUMINA** ($AL_2O_3$ 70-95%) | | | | | | | | |
| Mulite, Beauxite, Durital, Rocal, Zirmul | | | | ● | | ● | | |
| **ELECTROFUSED** | | | | | | | | |
| Corhart ZAC, Corhart 104, Zirconia, Jargal | ● | | | | | | | |
| Mulite, Alumina, Basalt | ● | | | | | | | |
| **INSULATION** | | | ● | | | ● | ● | |

Most diameters are also available as "silent" versions

## EXTREME RC400

- Laser-welded diamond blade with key-hole geometry.
- For use on electrofused - Corhart ZAC, Corhart 104, Zirconia, Jargal, Mullite, Alumina, Basalt.




| MACHINES | Ø (mm) | BORE (mm) | STEEL TYPE | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 350 | 25,4 | Standard | 10/2,8 | 70184626203* | 5450248466291 |
| | 400 | 25,4 | Standard | 10/3,2 | 70184626204* | 5450248466307 |
| SILENCIO | 400 | 25,4 | Silencio | 10/3,2 | 70184602467 | 5450248729808 |
| | 450 | 25,4 | Standard | 10/3,8 | 70184626205* | 5450248466314 |
| | 500 | 25,4 | Standard | 10/3,8 | 70184626206 | 5450248466321 |
| | 600 | 25,4 | Standard | 10/3,8 | 70184626586* | 5450248466338 |
| SILENCIO | 650 | 60/25,4 | Silencio | 10/3,8 | 70184646191 | 5450248539506 |

* Available on request

## EXTREME RC465

- Laser-welded diamond blade with key-hole geometry.
- For use on oxydes - Dolomite, Tar & Magnesite.




| MACHINES | Ø (mm) | BORE (mm) | STEEL TYPE | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 350 | 25,4 | Standard | 10/3,2 | 70184645262 | 5450248528135 |
| SILENCIO | 350 | 25,4 | Silencio | 10/3,2 | 70184640519 | 5450248459309 |
| | 400 | 25,4 | Standard | 10/3,2 | 70184626316* | 5450248393146 |
| | 450 | 25,4 | Standard | 10/3,8 | 70184626317* | 5450248372158 |
| SILENCIO | 450 | 25,4 | Silencio | 10/3,8 | 70184630620 | 5450248443292 |
| | 500 | 25,4 | Standard | 10/3,8 | 70184626318 | 5450248372165 |
| | 600 | 25,4 | Standard | 10/3,8 | 70184626319* | 5450248393153 |
| | 650 | 25,4 | Standard | 10/3,8 | 70184629314* | 5450248466345 |

* Available on request

## EXTREME RC525

- Laser-welded diamond blade with key-hole geometry.
- Fireclay insulation brick.
- For use on oxydes - Magnesite & Chromite, Chrome. Low Content Alumina < 70%.




| MACHINES | Ø (mm) | BORE (mm) | STEEL TYPE | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 350 | 25,4 | Standard | 10/2,8 | 70184626284 | 5450248466376 |
| | 400 | 25,4 | Standard | 12/3,2 | 70184628207 | 5450248564409 |
| | 450 | 25,4 | Standard | 12/3,8 | 70184626282* | 5450248466352 |
| SILENCIO | 450 | 25,4 | Silencio | 12/3,8 | 70184629538 | 5450248558118 |
| SILENCIO | 500 | 25,4 | Silencio | 12/3,8 | 70184641533 | 5450248491118 |
| | 500 | 25,4 | Standard | 12/3,8 | 70184626283* | 5450248466369 |
| | 600 | 25,4 | Standard | 12/3,8 | 70184626706* | 5450248466383 |

* Available on request

## EXTREME RC540

- Laser-welded diamond blade with wide-gullet geometry.
- For use on Oxydes - Zirconia, Silica. High Content Alumina >70% - Mullite. Beauxite, Durital, Rocal, Zirmul.




| MACHINES | Ø (mm) | BORE (mm) | STEEL TYPE | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 350 | 25,4 | Standard | 10/2,8 | 70184626285 | 5450248393108 |
| SILENCIO | 350 | 25,4 | Silencio | 10/3,2 | 70184629947 | 5450248716891 |
| | 400 | 25,4 | Standard | 10/3,2 | 70184626286* | 5450248393115 |
| | 450 | 25,4 | Standard | 10/3,8 | 70184626287 | 5450248393122 |
| | 500 | 25,4 | Standard | 10/3,8 | 70184626288 | 5450248393139 |
| SILENCIO | 500 | 25,4 | Silencio | 10/3,8 | 70184626693 | 5450248547273 |
| | 600 | 25,4 | Standard | 10/3,8 | 70184626707* | 5450248393177 |

* Available on request

## EXTREME RC575

- Laser-welded diamond blade with wide-gullet geometry.
- For use on Non Oxydes - Silicon Carbide, Carborundum, Graphite.




| MACHINES | Ø (mm) | BORE (mm) | STEEL TYPE | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|
| | 350 | 25,4 | Standard | 10/2,8 | 70184626320* | 5450248466413 |
| | 400 | 25,4 | Standard | 10/3,2 | 70184626321* | 5450248466437 |
| | 450 | 25,4 | Standard | 10/3,8 | 70184626322* | 5450248466444 |
| SILENCIO | 450 | 25,4 | Silencio | 10/3,8 | 70184647831 | 5450248571223 |
| SILENCIO | 500 | 25,4 | Silencio | 10/3,8 | 70184631081 | 5450248451402 |
| | 500 | 25,4 | Standard | 10/3,8 | 70184626323* | 5450248466451 |
| | 600 | 25,4 | Standard | 10/3,8 | 70184626324* | 5450248466468 |

* Available on request



## PRO BETON

LASER

- Good value for money laser-welded blade, with 10mm high free-cutting segments, for wet or dry cutting.
- Versatile product designed for petrol handheld saws, floor saws and masonry saws.
- For use on concrete, reinforced concrete, concrete slabs, refractory blocks containing aluminium oxides.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 350 | 25,4 | 10/2,8 | 70184627061 | 5450248372585 |
| | 400 | 25,4 | 10/3,2 | 70184627062 | 5450248372592 |
| | 450 | 25,4 | 10/3,2 | 70184627063 | 5450248372608 |
| | 500 | 25,4 | 10/3,8 | 70184627064 | 5450248372615 |
| | 600 | 25,4 | 10/4,0 | 70184627065 | 5450248372622 |

*Formerly ZDH500*

## PRO ZDM 200

LASER

- Very good value for money laser welded refractory blade for wet or dry cutting.
- For use on refractory materials such as oxides, magnesite, chromite and insulation bricks.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 350 | 25,4 | 7/2,4 | 70184610238 | 5450248004424 |
| | 450 | 25,4 | 7/3,2 | 70184610239 | 5450248004431 |
| | 500 | 25,4 | 7/3,2 | 70184610240* | 5450248242505 |

* Available on request

## PRO ZMD 944T

LASER

- Very good value for money laser welded refractory blade for wet or dry cutting.
- For use on refractory materials such as oxides, magnesite, chromite and insulation bricks.




| MACHINES | Ø (mm) | BORE (mm) | SEGMENT H/W (mm) | ITEM NO. | EAN |
|---|---|---|---|---|---|
| | 350 | 25,4 | 7/2,4 | 70184610284 | 5450248005582 |
| | 450 | 25,4 | 7/3,2 | 70184610285 | 5450248005599 |
| | 500 | 25,4 | 7/3,2 | 70184610286 | 5450248230151 |

# NOTES

# DRILLING CORE BITS FOR CONCRETE

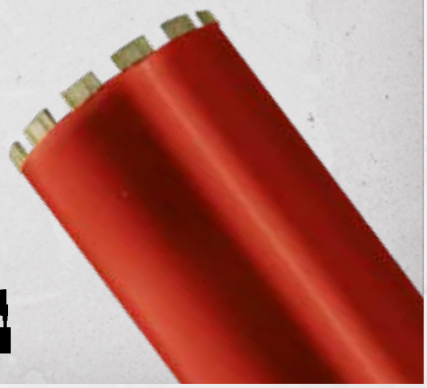
Discover our core bits especially designed for drilling: Reinforced concrete, cured concrete, kerb stones, concrete pipes, engineering bricks, facing bricks, refractory bricks, flagstones and paving stones, block paving, washed gravel concrete slabs, natural stone, flint, sandstone, limestone.



# EXTREME CB BETON

The Extreme CB Beton diamond core bit uses a unique configuration of bond and diamond specification in a revolutionary new dual fluted/tapered segment, for extreme performance: easy drill-start, 20% faster drilling speed than standard corebits, better product life with 12mm segment height.

- **Useful length:** 450mm.
- **Connection:** 1 ¼" UNC female thread.
- **Applications:** concrete and reinforced concrete.
- Replacement segments can be found on page 82



| OD / ID* (mm) | SEGMENT L / W / H (mm) | No. SEGMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| 48/41 | 24/3,6/12 | 4 | 70184629370 | 5450248414544 |
| 52/45 | 24/3,6/12 | 4 | 70184629161 | 5450248403296 |
| 57/50 | 24/3,6/12 | 5 | 70184630406** | 5450248440093 |
| 62/55 | 24/3,6/12 | 5 | 70184629338 | 5450248414551 |
| 67/60 | 24/3,6/12 | 5 | 70184629162 | 5450248403302 |
| 77/70 | 24/3,6/12 | 6 | 70184629163 | 5450248403319 |
| 82/75 | 24/3,6/12 | 6 | 70184629174 | 5450248403364 |
| 87/80 | 24/3,6/12 | 7 | 70184630450 | 5450248441397 |
| 92/85 | 24/3,6/12 | 7 | 70184629167 | 5450248403234 |
| 102/95 | 24/3,6/12 | 8 | 70184629176 | 5450248403388 |
| 107/100 | 24/3,6/12 | 9 | 70184629091 | 5450248403265 |
| 112/105 | 24/3,6/12 | 9 | 70184629052 | 5450248403258 |
| 117/110 | 24/3,6/12 | 9 | 70184629685** | 5450248566458 |
| 122/114 | 24/4/12 | 9 | 70184629455 | 5450248414568 |
| 127/119 | 24/4/12 | 10 | 70184629175 | 5450248403371 |
| 132/124 | 24/4/12 | 10 | 70184629339 | 5450248414575 |
| 142/134 | 24/4/12 | 10 | 70184629866 | 5450248557296 |
| 152/144 | 24/4/12 | 11 | 70184629104 | 5450248403272 |
| 178/170 | 24/4/12 | 13 | 70184629166 | 5450248403333 |
| 182/174 | 24/4/12 | 13 | 70184629349 | 5450248403418 |
| 187/179 | 24/4/12 | 14 | 70184629177** | 5450248403395 |
| 192/184 | 24/4/12 | 14 | 70184630380 | 5450248565826 |
| 202/192 | 24/5/12 | 14 | 70184629178 | 5450248403401 |
| 212/202 | 24/5/12 | 15 | 70184629151** | 5450248403289 |
| 225/215 | 24/5/12 | 15 | 70184629179** | 5450248414582 |
| 230/220 | 24/5/12 | 15 | 70184630442 | 5450248441311 |
| 250/240 | 24/5/12 | 16 | 70184629180 | 5450248414698 |
| 272/262 | 24/5/12 | 17 | 70184629912** | 5450248585558 |
| 276/266 | 24/5/12 | 17 | 70184629843** | 5450248566502 |
| 300/290 | 24/5/12 | 18 | 70184629534 | 5450248547198 |
| 325/315 | 24/5/12 | 18 | 70184629913 | 5450248564003 |
| 350/340 | 24/5/12 | 19 | 70184629701 | 5450248556497 |
| 400/390 | 24/5/12 | 20 | 70184629902 | 5450248521914 |
| 450/440 | 24/5/12 | 22 | 70184630038 | 5450248566595 |
| 500/490 | 24/5/12 | 24 | 70184630998 | 5450248449379 |
| 550/540 | 24/5/12 | 26 | 70184630936** | 5450248448969 |
| 600/590 | 24/5/12 | 28 | 70184601678** | 5450248709220 |
| 650/640 | 24/5/12 | 29 | 70184647527** | 5450248562153 |



** OD / ID: Outer Diameter / Inner Diameter.*

*Formerly X3*

** Available on request

# PRO CB BETON

- Applications: concrete and reinforced concrete, masonry blocks. Also suitable for asphalt & abrasive materials.
- Replacement segments can be found on page 82.

- **Useful length:** 300mm.
- **Connection:** ½" Male thread.

| OD / ID* (mm) | CROWN W / H (mm) | No. SEGMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| 14/10 | 7/2,0 | 1 Crown | 70184612947 | 5450248020585 |
| 16/12 | 7/2,0 | 1 Crown | 70184612823 | 5450248015901 |
| 18/14 | 7/2,0 | 1 Crown | 70184612824 | 5450248015918 |
| 20/16 | 7/2,0 | 1 Crown | 70184612825 | 5450248015925 |
| 22/18 | 7/2,0 | 1 Crown | 70184612826 | 5450248015932 |
| 25/21 | 7/2,0 | 1 Crown | 70184612827 | 5450248015949 |
| 28/24 | 7/2,0 | 1 Crown | 70184612828 | 5450248015956 |
| 30/26 | 7/2,0 | 1 Crown | 70184612829 | 5450248015963 |
| 32/28 | 7/2,0 | 1 Crown | 70184612830 | 5450248015970 |
| 35/31 | 7/2,0 | 1 Crown | 70184612831 | 5450248015987 |
| 38/34 | 7/2,0 | 1 Crown | 70184612833 | 5450248016007 |
| 40/36 | 7/2,0 | 1 Crown | 70184612834 | 5450248016014 |
| 51/47 | 7/2,0 | 1 Crown | 70184612835 | 5450248016021 |

** OD / ID: Outer Diameter / Inner Diameter.*



- **Useful length:** 450mm.
- **Connection:** 1 ¼" UNC female thread.

| OD / ID* (mm) | SEGMENT L / W / H (mm) | No. SEGMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| 52/45 | 24/3,5/10 | 4 | 70184624870 | 5450248239123 |
| 57/50 | 24/3,5/10 | 4 | 70184624871 | 5450248239147 |
| 62/55 | 24/3,5/10 | 5 | 70184624872 | 5450248239154 |
| 67/60 | 24/3,5/10 | 5 | 70184624873 | 5450248239161 |
| 72/65 | 24/3,5/10 | 5 | 70184624874 | 5450248239178 |
| 77/70 | 24/3,5/10 | 6 | 70184624875 | 5450248239185 |
| 82/75 | 24/3,5/10 | 6 | 70184624876 | 5450248239192 |
| 87/80 | 24/3,5/10 | 6 | 70184624878 | 5450248239215 |
| 92/85 | 24/3,5/10 | 7 | 70184624879 | 5450248239222 |
| 102/95 | 24/3,5/10 | 8 | 70184624880 | 5450248239239 |
| 107/100 | 24/3,5/10 | 8 | 70184624881 | 5450248239246 |
| 112/105 | 24/3,5/10 | 8 | 70184624882 | 5450248239253 |
| 122/114 | 24/4,0/10 | 9 | 70184624883 | 5450248239277 |
| 127/119 | 24/4,0/10 | 9 | 70184624884 | 5450248239284 |
| 132/124 | 24/4,0/10 | 9 | 70184624885 | 5450248239291 |
| 142/134 | 24/4,0/10 | 10 | 70184624886 | 5450248239307 |
| 152/144 | 24/4,0/10 | 11 | 70184624887 | 5450248239314 |
| 162/154 | 24/4,0/10 | 11 | 70184624888 | 5450248239321 |
| 172/164 | 24/4,0/10 | 12 | 70184624889 | 5450248239338 |
| 182/174 | 24/4,0/10 | 12 | 70184624890 | 5450248239345 |
| 202/194 | 24/4,0/10 | 14 | 70184624892 | 5450248239369 |
| 212/203 | 24/4,5/10 | 14 | 70184624893** | 5450248239376 |
| 227/218 | 24/4,5/10 | 15 | 70184624894 | 5450248239383 |
| 252/243 | 24/4,5/10 | 16 | 70184624895 | 5450248239406 |
| 272/263 | 24/4,5/10 | 18 | 70184624896** | 5450248239413 |
| 300/290 | 24/5,0/10 | 19 | 70184624897 | 5450248239437 |
| 350/340 | 24/5,0/10 | 21 | 70184624900 | 5450248239468 |
| 400/390 | 24/5,0/10 | 24 | 70184624901 | 5450248239475 |

** OD / ID: Outer Diameter / Inner Diameter.*

** Available on request



# CLASSIC CB BETON

- Core drill with brazed segments.
- **Applications:** concrete and reinforced concrete, masonry blocks. Also suitable for asphalt & abrasive materials.
- **Useful length:** 400mm.
- Good value for money.
- Replacement segments can be found on page 82.
- **Connection:** 1/2 Male thread.



| OD / ID* (mm) | SEGMENT L / W / H (mm) | No. SEGMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| 32/26 | 16/3,0/7 | 3 | 70184694514 | 5450248689195 |
| 42/36 | 16/3,0/7 | 3 | 70184694516 | 5450248689218 |
| 52/46 | 24/3,0/10 | 4 | 70184694517 | 5450248689225 |
| 62/46 | 24/3,0/10 | 5 | 70184694518 | 5450248689232 |
| 72/65 | 24/3,5/10 | 6 | 70184694519 | 5450248689249 |
| 82/75 | 24/3,5/10 | 7 | 70184694520 | 5450248689256 |
| 92/85 | 24/3,5/10 | 8 | 70184694521 | 5450248689263 |
| 102/95 | 24/3,5/10 | 9 | 70184694522 | 5450248689270 |
| 112/105 | 24/3,5/10 | 9 | 70184694523 | 5450248689287 |
| 122/115 | 24/3,5/10 | 10 | 70184694524 | 5450248689294 |
| 132/124 | 24/4,0/10 | 10 | 70184694525 | 5450248689300 |
| 152/144 | 24/4,0/10 | 11 | 70184694526 | 5450248689317 |

** OD / ID: Outer Diameter / Inner Diameter.*

- **Useful length:** 400mm.
- **Connection:** 1 ¼" UNC Female.



| OD / ID* (mm) | SEGMENT L / W / H (mm) | No. SEGMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| 51/45 | 24/3,0/10 | 5 | 70184613201 | 5450248184355 |
| 56/50 | 24/3,0/10 | 5 | 70184613202 | 5450248184119 |
| 61/55 | 24/3,5/10 | 5 | 70184613203 | 5450248184126 |
| 66/59 | 24/3,5/10 | 6 | 70184613204 | 5450248184133 |
| 71/64 | 24/3,5/10 | 6 | 70184613205 | 5450248184140 |
| 76/69 | 24/3,5/10 | 6 | 70184613206 | 5450248184157 |
| 81/74 | 24/3,5/10 | 7 | 70184613207 | 5450248184164 |
| 86/79 | 24/3,5/10 | 7 | 70184613208 | 5450248184171 |
| 91/84 | 24/3,5/10 | 8 | 70184613209 | 5450248184188 |
| 101/94 | 24/3,5/10 | 8 | 70184613210 | 5450248184195 |
| 106/99 | 24/3,5/10 | 9 | 70184613211 | 5450248184201 |
| 111/104 | 24/3,5/10 | 9 | 70184613212 | 5450248184218 |
| 121/114 | 24/3,5/10 | 10 | 70184613213 | 5450248184225 |
| 126/118 | 24/4,0/10 | 10 | 70184613214 | 5450248184232 |
| 131/123 | 24/4,0/10 | 10 | 70184613215 | 5450248184249 |
| 141/133 | 24/4,0/10 | 11 | 70184613216 | 5450248184256 |
| 151/143 | 24/4,0/10 | 12 | 70184613217 | 5450248184263 |
| 161/153 | 24/4,0/10 | 12 | 70184613218 | 5450248184270 |
| 171/163 | 24/4,0/10 | 13 | 70184613219 | 5450248184287 |
| 181/173 | 24/4,0/10 | 13 | 70184613220 | 5450248184294 |
| 186/178 | 24/4,0/10 | 13 | 70184630513 | 5450248442585 |
| 191/183 | 24/4,0/10 | 13 | 70184613221** | 5450248184300 |
| 201/193 | 24/4,0/10 | 14 | 70184613222 | 5450248184317 |
| 211/203 | 24/4,0/10 | 14 | 70184613223 | 5450248184324 |
| 225/215 | 24/5,0/10 | 15 | 70184613252 | 5450248184911 |
| 251/241 | 24/5,0/10 | 16 | 70184613224 | 5450248184331 |
| 271/261 | 24/5,0/10 | 18 | 70184613253 | 5450248184928 |
| 300/290 | 24/5,0/10 | 20 | 70184613225 | 5450248184348 |

** OD / ID: Outer Diameter / Inner Diameter.*

** Available on request

# PRO CB BETON ROBO

- **Applications:** for concrete, reinforced concrete, concrete pipes, ductile iron pipes.
- **Useful length:** 300mm.
- **Connection:** 3-hole flange.
- Especially adapted for use on ROBO core drilling machine.
- Replacement segments can be found on page 82.



| OD / ID* (mm) | SEGMENT L / W / H (mm) | No. SEGMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| 111/104 | 24/3,5/10,0 | 7 | 70184612951 | 5450248021483 |
| 126/120 | 24/3,5/10,0 | 8 | 70184612952 | 5450248021490 |
| 137/129 | 24/4,0/10,0 | 9 | 70184613170 | 5450248171522 |
| 152/144 | 24/4,0/10,0 | 10 | 70184612883 | 5450248018247 |
| 161/153 | 24/4,0/10,0 | 10 | 70184612954** | 5450248021513 |
| 166/158 | 24/4,0/10,0 | 10 | 70184620436 | 5450248300304 |
| 171/163 | 24/4,0/10,0 | 11 | 70184612955** | 5450248021520 |
| 178/170 | 24/4,0/10,0 | 12 | 70184620348** | 5450248299561 |
| 182/174 | 24/4,0/10,0 | 12 | 70184613316 | 5450248208921 |
| 187/179 | 24/4,0/10,0 | 12 | 70184613075 | 5450248131663 |
| 196/187 | 24/4,0/10,0 | 12 | 70184612882 | 5450248018230 |
| 201/192 | 24/4,0/10,0 | 12 | 70184612956 | 5450248194255 |
| 211/202 | 24/4,0/10,0 | 12 | 70184612957 | 5450248021544 |
| 225/216 | 24/4,0/10,0 | 12 | 70184612958 | 5450248021551 |
| 248/238 | 24/5,0/10,0 | 13 | 70184612884 | 5450248018254 |
| 251/241 | 24/5,0/10,0 | 13 | 70184612959 | 5450248021568 |
| 257/247 | 24/5,0/10,0 | 13 | 70184612960 | 5450248021575 |
| 277/267 | 24/5,0/10,0 | 14 | 70184613080 | 5450248133940 |
| 290/280 | 24/5,0/10,0 | 16 | 70184613081** | 5450248133957 |
| 296/286 | 24/5,0/10,0 | 16 | 70184613082** | 5450248133964 |
| 299/289 | 24/5,0/10,0 | 16 | 70184613076 | 5450248131670 |
| 330/320 | 24/5,0/10,0 | 17 | 70184613083** | 5450248133971 |
| 355/345 | 24/5,0/10,0 | 18 | 70184613127 | 5450248162612 |

** OD / ID: Outer Diameter / Inner Diameter.*

*Formerly Robo Forsheda*

** Available on request



**Clipper's Tip**

USE THE NORTON CLIPPER 3-HOLED FLANGE WITH 1"¼ FEMALE ADAPTOR - 3100 04594.



# PRO CB BETON ROBO SOFT

- **Applications:** for concrete, reinforced concrete, concrete pipes, natural stone and granite.
- **Useful length:** 300mm.
- **Connection:** 3-hole flange.
- Special soft bond for use with hard material and high speed drilling.
- Especially adapted for use on ROBO core drilling machine thanks to its corrugated shape.
- Replacement segments can be found on page 82.



| OD / ID* (mm) | SEGMENT L / W / H (mm) | No. SEGMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| 111/104 | 24/3,8/10,0 | 7 | 70184602741 | 5450248738428 |
| 152/144 | 24/4,2/10,0 | 10 | 70184602730 | 5450248738367 |
| 196/187 | 24/4,5/10,0 | 12 | 70184602729 | 5450248738350 |
| 225/216 | 24/4,5/10,0 | 12 | 70184603135 | 5450248752394 |
| 248/239 | 24/5,0/10,0 | 13 | 70184602725 | 5450248738336 |
| 299/289 | 24/5,0/10,0 | 16 | 70184603098 | 5450248749691 |
| 355/345 | 24/5,0/10,0 | 18 | 70184603099 | 5450248749707 |

** OD / ID: Outer Diameter / Inner Diameter.*

## EXTREME CB BETON SEGMENTS

- **Applications:** concrete and reinforced concrete.
- Retipping segments for Extreme Beton corebits.

| RANGE (mm) | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|
| 42-57 | 24/2,8/10 | 310390374 | 5450248537267 |
| 58-72 | 24/2,8/10 | 310390375 | 5450248537274 |
| 73-87 | 24/2,8/10 | 310390386 | 5450248537281 |
| 88-102 | 24/2,8/10 | 310390387 | 5450248537298 |
| 103-117 | 24/2,8/10 | 310390388 | 5450248537304 |
| 118-146 | 24/3,2/10 | 310390389 | 5450248537311 |
| 147-190 | 24/3,2/10 | 310390391 | 5450248537311 |
| 191-290 | 24/3,5/10 | 310390392 | 5450248537328 |
| 291-490 | 24/4,0/10 | 310390406 | 5450248537342 |

*Formerly X3 Segments*



## PRO CB BETON CROWNS

- **Applications:** concrete and reinforced concrete, masonry.
- Retipping crowns for Pro CB Beton crownbits.

| OD / ID* (mm) | CROWN H / W (mm) | ITEM No. | EAN |
|---|---|---|---|
| 14/10 | 7/2,0 | 310328465 | 5450248457084 |
| 16/12 | 7/2,0 | 310328467 | 5450248457107 |
| 18/14 | 7/2,0 | 310328468 | 5450248457114 |
| 20/16 | 7/2,0 | 310328469 | 5450248457121 |
| 22/18 | 7/2,0 | 310328470 | 5450248457138 |
| 25/21 | 7/2,0 | 310328482 | 5450248457244 |
| 28/24 | 7/2,0 | 310328485 | 5450248457275 |
| 30/26 | 7/2,0 | 310328486 | 5450248457282 |
| 32/28 | 7/2,0 | 310328487 | 5450248457299 |
| 35/31 | 7/2,0 | 310328488 | 5450248457305 |
| 40/36 | 7/2,0 | 310328490 | 5450248457329 |
| 51/47 | 7/2,0 | 310328491 | 5450248457336 |

** OD / ID: Outer Diameter / Inner Diameter.*



## PRO CB BETON SEGMENTS

- **Applications:** concrete and reinforced concrete, masonry blocks. Also suitable for asphalt & abrasive materials.
- Retipping segments for Pro CB Beton segmented corebits.

| RANGE (mm) | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|
| 42-57 | 24/3,5/10 | 310377850 | 5450248497929 |
| 58-72 | 24/3,5/10 | 310377851 | 5450248497936 |
| 73-87 | 24/3,5/10 | 310377852 | 5450248497943 |
| 88-102 | 24/3,5/10 | 310377853 | 5450248497967 |
| 103-117 | 24/4,0/10 | 310377854 | 5450248497974 |
| 118-146 | 24/4,0/10 | 310377855 | 5450248497981 |
| 147-190 | 24/4,0/10 | 310377886 | 5450248498094 |
| 191-290 | 24/4,5/10 | 310377887 | 5450248498117 |
| 291-490 | 24/5,0/10 | 310377888 | 5450248498124 |
| 500-1000 | 24/5,0/10 | 310377890 | 5450248537243 |



## PRO CB BETON SOFT SEGMENTS

| RANGE (mm) | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|
| 42-57 | 24/3,5/10 | 310461243 | 5450248720836 |
| 58-72 | 24/3,5/10 | 310461244 | 5450248720843 |
| 73-87 | 24/3,5/10 | 310459189 | 5450248720799 |
| 88-102 | 24/3,5/10 | 310459337 | 5450248720812 |
| 103-117 | 24/4,0/10 | 310461245 | 5450248720850 |
| 118-146 | 24/4,0/10 | 310461266 | 5450248720867 |
| 147-190 | 24/4,0/10 | 310459338 | 5450248720829 |
| 191-290 | 24/4,5/10 | 310459336 | 5450248720805 |
| 291-490 | 24/5,0/10 | 310461358 | 5450248720874 |
| 500-1000 | 24/5,0/10 | 310461359 | 5450248720881 |

*Formerly X14*



## CLASSIC CB BETON SEGMENTS

- **Applications:** concrete and concrete products.
- Retipping segments for Classic CB Beton corebits.

| RANGE (mm) | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|
| 51-61 | 24/3,0/10 | 310002554 | 5450248167921 |
| 66-76 | 24/3,5/10 | 310002555 | 5450248167938 |
| 81-91 | 24/3,5/10 | 310002556 | 5450248167945 |
| 96-116 | 24/3,5/10 | 310002557 | 5450248167952 |
| 121-151 | 24/4,0/10 | 310002558 | 5450248167969 |
| 156-186 | 24/4,0/10 | 310002559 | 5450248167976 |
| 191-221 | 24/4,0/10 | 310002560 | 5450248167983 |
| 225 | 24/5,0/10 | 310002561 | 5450248167990 |



# NOTES

# DRILLING CORE BITS FOR UNIVERSAL BUILDING MATERIALS

Core bits especially designed for drilling masonry and light building materials on hand held machines. Ideal for plumbers and electricians.



## CLASSIC CB UNIVERSAL

- **Useful length:** 150mm (300mm for diam 28mm).
- **Connection:** ½" BSP Female.
- Conical connection shape improves the mounting of the corebit. A better mount reduces vibration when in use and makes the core bit safer to use.
- Optimised for the best balance between drilling speed, product life and comfort.



| DIA (mm) | No. SEGMENTS | SEG HEIGHT (mm) | ITEM No. | EAN |
|---|---|---|---|---|
| 28 | 2 | 7 | 70184620351 | 5450248230359 |
| 35 | 3 | 7 | 70184694483 | 5450248688372 |
| 38 | 3 | 7 | 70184620352 | 5450248299592 |
| 45 | 3 | 7 | 70184694484 | 5450248688389 |
| 52 | 3 | 7 | 70184620353 | 5450248299608 |
| 55 | 3 | 7 | 70184694485 | 5450248688396 |
| 65 | 3 | 7 | 70184640268 | 5450248456193 |
| 68 | 4 | 7 | 70184694486 | 5450248688402 |
| 78 | 4 | 7 | 70184620354 | 5450248299615 |
| 105 | 5 | 7 | 70184694487 | 5450248688419 |
| 107 | 5 | 7 | 70184620355 | 5450248230366 |
| 117 | 6 | 7 | 70184620356 | 5450248230373 |
| 120 | 6 | 7 | 70184694488 | 5450248688426 |
| 127 | 7 | 7 | 70184620357 | 5450248230380 |
| 128 | 7 | 7 | 70184620358 | 5450248299622 |
| 132 | 6 | 7 | 70184694489 | 5450248688433 |

*Formerly Arid 5*



**SEE ALSO SUITCASES**
ON NEXT PAGE

## PRO DS

- **Length:** 60mm.
- **Connection:** M16 Female.
- **Applications:** medium-hard building materials.
- High quality laser-welded, segmented drill bit for handheld drilling. This professional standard tool is suitable for dry drilling of electrical sockets and switches.



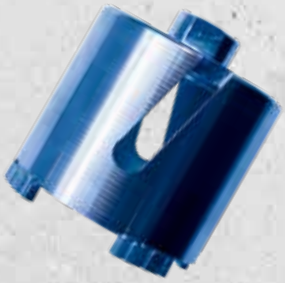
| OD* (mm) | ITEM No. | EAN |
|---|---|---|
| 68 | 70184612873 | 5450248017592 |
| 82 | 70184612874 | 5450248017608 |

** OD: Outer Diameter*

*Formerly Pro Arid DS*

## CLASSIC DS

- **Length:** 60mm.
- **Connection:** M16 Female.
- **Application:** medium-hard building materials.
- Representing great value for money, this laser-welded, segmented drill bit is made for handheld drilling and is suitable for dry drilling of electrical sockets and switches.



| OD* (mm) | ITEM No. | EAN |
|---|---|---|
| 68 | 70184620422 | 5450248230311 |
| 82 | 70184620423 | 5450248230335 |

** OD: Outer Diameter*

# DRILLING CORE BITS

DRY DIAMOND CORE DRILLS ARE USED TO CREATE HOLES QUICKLY AND NEATLY IN BRICK AND BLOCK, USUALLY TO ALLOW PIPEWORK THROUGH WALLS



## CLASSIC CB UNIVERSAL PLUMBER KIT

Dry drilling is a fairly simple process requiring a drill motor of min 800W equipped with a clutch. Power drills or drilling motors with three jaw chucks, SDS and ½" BSP fittings can all be used with Norton dry diamond cores once the correct adaptor has been chosen. Accessories like length extensions or dust-swivel can also be fitted (see page 200).

| MACHINES | DESCRIPTION | ITEM No. | EAN |
|---|---|---|---|
|  | CLASSIC CB UNIVERSAL DRY DIAMOND CORE 5-SET<br>Containing : 38mm, 52mm, 65mm, 117mm, 127mm Cores, 1 x Hex,<br>1 x SDS ½" Male Adaptor, 1 x Ejector Drift, 1 x A Taper Masonry Drill,<br>1 x 200mm Extention ½" Male-Female, ½"-½" Male-Male adaptor. | 70184640014 | 5450248453178 |

| DESCRIPTION | DIAMETER | CONNECTION | LENGTH | ITEM No. | EAN |
|---|---|---|---|---|---|
| Classic CB Universal core bit | 38 | 1/2" Female | 150mm | 70184620352 | 5450248299592 |
| Classic CB Universal core bit | 52 | 1/2" Female | 150mm | 70184620353 | 5450248299608 |
| Classic CB Universal core bit | 65 | 1/2" Female | 150mm | 70184640268 | 5450248456193 |
| Classic CB Universal core bit | 117 | 1/2" Female | 150mm | 70184620356 | 5450248230373 |
| Classic CB Universal core bit | 127 | 1/2" Female | 150mm | 70184620357 | 5450248230380 |
| HEX - 1/2'' Male adaptor | - | - | - | 310011349 | 5450248230397 |
| SDS Male - 1/2'' Male adaptor | - | - | - | 310012391 | 5450248238782 |
| Ejector Drift | - | - | - | 310011351 | 5450248372721 |
| Taper Masonry drill | - | - | - | 310011347 | 5450248372776 |
| 200mm extention 1/2'' Male - 1/2'' Female | - | - | - | 310004578 | 5450248092018 |
| 1/2'' Male - 1/2'' Male adaptor | - | - | - | 310012389 | 5450248238768 |

| MACHINES | DESCRIPTION | ITEM No. | EAN |
|---|---|---|---|
|  | CLASSIC CB UNIVERSAL DRY DIAMOND CORE 5-SET<br>Containing : 35mm, 45mm, 55mm, 68mm, 105mm Cores, 1 x Hex,<br>1 x SDS ½" Male Adaptor, 1 x Ejector Drift, 1 x A Taper Masonry Drill,<br>1 x 200mm Extention ½" Male-Female, ½"-½" Male-Male adaptor. | 70184642767 | 5450248501374 |

| DESCRIPTION | DIAMETER | CONNECTION | LENGTH | ITEM No. | EAN |
|---|---|---|---|---|---|
| Classic CB Universal core bit | 35 | 1/2" Female | 150mm | 70184694483 | 5450248688372 |
| Classic CB Universal core bit | 45 | 1/2" Female | 150mm | 70184694484 | 5450248688389 |
| Classic CB Universal core bit | 55 | 1/2" Female | 150mm | 70184694485 | 5450248688396 |
| Classic CB Universal core bit | 68 | 1/2" Female | 150mm | 70184694486 | 5450248688402 |
| Classic CB Universal core bit | 105 | 1/2" Female | 150mm | 70184694487 | 5450248688419 |
| HEX - 1/2'' Male adaptor | - | - | - | 310011349 | 5450248230397 |
| SDS Male - 1/2'' Male adaptor | - | - | - | 310012391 | 5450248238782 |
| Ejector Drift | - | - | - | 310011351 | 5450248372721 |
| Taper Masonry drill | - | - | - | 310011347 | 5450248372776 |
| 200mm extention 1/2'' Male - 1/2'' Female | - | - | - | 310004578 | 5450248092018 |

All above Dry Core Bits have ½" BSP female back end fitting.



HEX - 1/2'' MALE ADAPTOR



SDS Male - 1/2'' MALE ADAPTOR



EJECTOR DRIFT



TAPER MASONRY DRILL



200mm EXTENTION 1/2'' MALE - 1/2'' FEMALE

# NOTES

# DRILLING CORE BITS FOR NATURAL STONE & TILES

For granite, marble, natural stone, ceramic tiles and porcelain.



## PRO CB GRANITE

- **Useful length:** 450mm.
- **Connection:** 1" ¼ Female.
- **Application:** granite and natural stones.
- Core bit with brased segments, especially designed for wet-drilling of granite and natural stones.



| OD / ID* (mm) | No. SEGMENTS | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|---|
| 48/41 | 3 | 3,8x10x24 | 70184693981** | 5450248586890 |
| 52/45 | 3 | 3,8x10x24 | 70184693982** | 5450248586906 |
| 62/55 | 3 | 3,8x10x24 | 70184630598** | 5450248443001 |
| 67/60 | 3 | 3,8x10x24 | 70184693983** | 5450248586913 |
| 77/70 | 4 | 3,8x10x24 | 70184693984** | 5450248586920 |
| 82/75 | 4 | 3,8x10x24 | 70184626708** | 5450248439387 |
| 92/84 | 4 | 3,8x10x24 | 70184630190** | 5450248412502 |
| 101/94 | 4 | 3,8x10x24 | 70184624655** | 5450248340195 |
| 107/100 | 5 | 3,8x10x24 | 70184693986** | 5450248586944 |
| 121/113 | 5 | 4,2x10x24 | 70184628192** | 5450248391715 |
| 127/119 | 6 | 4,2x10x24 | 70184693987** | 5450248586951 |
| 132/124 | 6 | 4,2x10x24 | 70184693988** | 5450248586968 |
| 151/143 | 7 | 4,5x10x24 | 70184626244** | 5450248439394 |
| 202/203 | 8 | 4,5x10x24 | 70184693990** | 5450248586982 |
| 250/241 | 9 | 4,5x10x24 | 70184693991** | 5450248586999 |

** OD / ID: Outer Diameter / Inner Diameter.*

** Available on request

## PRO CB GRANITE SEGMENTS

- **Application:** granite and natural stone.
- Retipping segments for Pro CB Granite core bits.



| RANGE (mm) | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|
| 42-57 | 3,8/2,8x10x24 | 310451214 | 5450248719847 |
| 58-72 | 3,8/2,8x10x24 | 310451237 | 5450248719854 |
| 73-87 | 3,8/2,8x10x24 | 310451239 | 5450248719861 |
| 88-102 | 3,8/2,8x10x24 | 310451240 | 5450248719878 |
| 103-117 | 3,8/2,8x10x24 | 310451241 | 5450248719885 |
| 118-146 | 4,2/3,2x10x24 | 310451242 | 5450248719892 |
| 147-190 | 4,2/3,2x10x24 | 310451243 | 5450248719908 |
| 191-290 | 4,5/3,5x10x24 | 310451244 | 5450248719915 |
| 291-490 | 5,0/4,0x10x24 | 310451245 | 5450248719922 |
| 500-1000 | 5,0/4,0x10x24 | 310451246 | 5450248719939 |

# EXTREME VB DRY

- **Connection:** M14 for fitting directly onto angle grinders.
- Vacuum-brazed diamond drills designed for dry-drilling of hard ceramic tiles and natural stones.






| OD* (mm) | ITEM No. | EAN |
|---|---|---|
| 6 x M14 | 70184647338 | 5450248558699 |
| 8 x M14 | 70184647339 | 5450248558705 |
| 10 x M14 | 70184647340 | 5450248558712 |
| 12 x M14 | 70184647341 | 5450248558729 |
| 14 x M14 | 70184602901 | 5450248744634 |
| 18 x M14 | 70184602902 | 5450248744641 |
| 20 x M14 | 70184645760 | 5450248534099 |
| 28 x M14 | 70184645761 | 5450248534105 |
| 30 x M14 | 70184602903 | 5450248744658 |
| 32 x M14 | 70184602904 | 5450248744665 |
| 35 x M14 | 70184645762 | 5450248534112 |
| 40 x M14 | 70184602905 | 5450248744672 |
| 45 x M14 | 70184645763 | 5450248534129 |
| 50 x M14 | 70184694357 | 5450248685593 |
| 55 x M14 | 70184646255 | 5450248540472 |
| 60 x M14 | 70184602906 | 5450248744689 |
| 65 x M14 | 70184602907 | 5450248744696 |
| 68 x M14 | 70184645764 | 5450248534136 |
| 70 x M14 | 70184602908 | 5450248744702 |
| 75 x M14 | 70184602909 | 5450248744719 |
| 82 x M14 | 70184645765 | 5450248534143 |
| 102 x M14 | 70184602119 | 5450248721673 |
| 107 x M14 | 70184602120 | 5450248721680 |
| 132 x M14 | 70184602121 | 5450248721697 |
| Suitcase pack containing dia. 20, 28, 35, 50, 68mm + mounting wrench | 70184694328 | 5450248685029 |
| Suitcase pack containing dia. 6/8/10/12/35/45/68 + centering device | 70184694419 | 5450248687450 |
| Suitcase pack containing dia. 20, 35, 40, 68mm + mounting wrench (only EN and DE languages) | 70184601112 | 5450248699354 |

** OD: Outer Diameter*

# CLASSIC VB DRY

- **Connection:** Ø 10mm connection for 3-jaw chuck power drills.
- **Application:** For dry or wet drilling.
- Electroplated diamond drills designed for drilling all types of tiles found in the industry, will also give outstanding performance on hard and brittle materials such as marble, granite and porcelain.



| OD* (mm) | ITEM No. | EAN |
|---|---|---|
| 6 | 310305776 | 5450248344896 |
| 8 | 310305777 | 5450248344902 |
| 10 | 310305778 | 5450248344919 |
| 12 | 310305780 | 5450248344933 |
| 14 | 310305792 | 5450248345077 |
| 28 | 310305793 | 5450248345084 |
| 35 | 310305794 | 5450248345091 |
| 45 | 310316728 | 5450248350118 |
| 68 | 310316729 | 5450248350125 |
| 82 | 310316730 | 5450248350132 |
| 3-Pack 6/8/10 | 310301580 | 5450248348498 |
| Vacuum asorption centering tool 6/8/10/12 | 310074148** | 5450248373612 |

** OD: Outer Diameter*

** Available on request

# ACCESSORIES



| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Centering device for small diameters up to 28mm | 310491177 | 5450248716297 |
| Centering device for diameters up to 90mm | 70184645766 | 5450248534167 |
| M14-Hex adaptor | 310464939 | 5450248685708 |

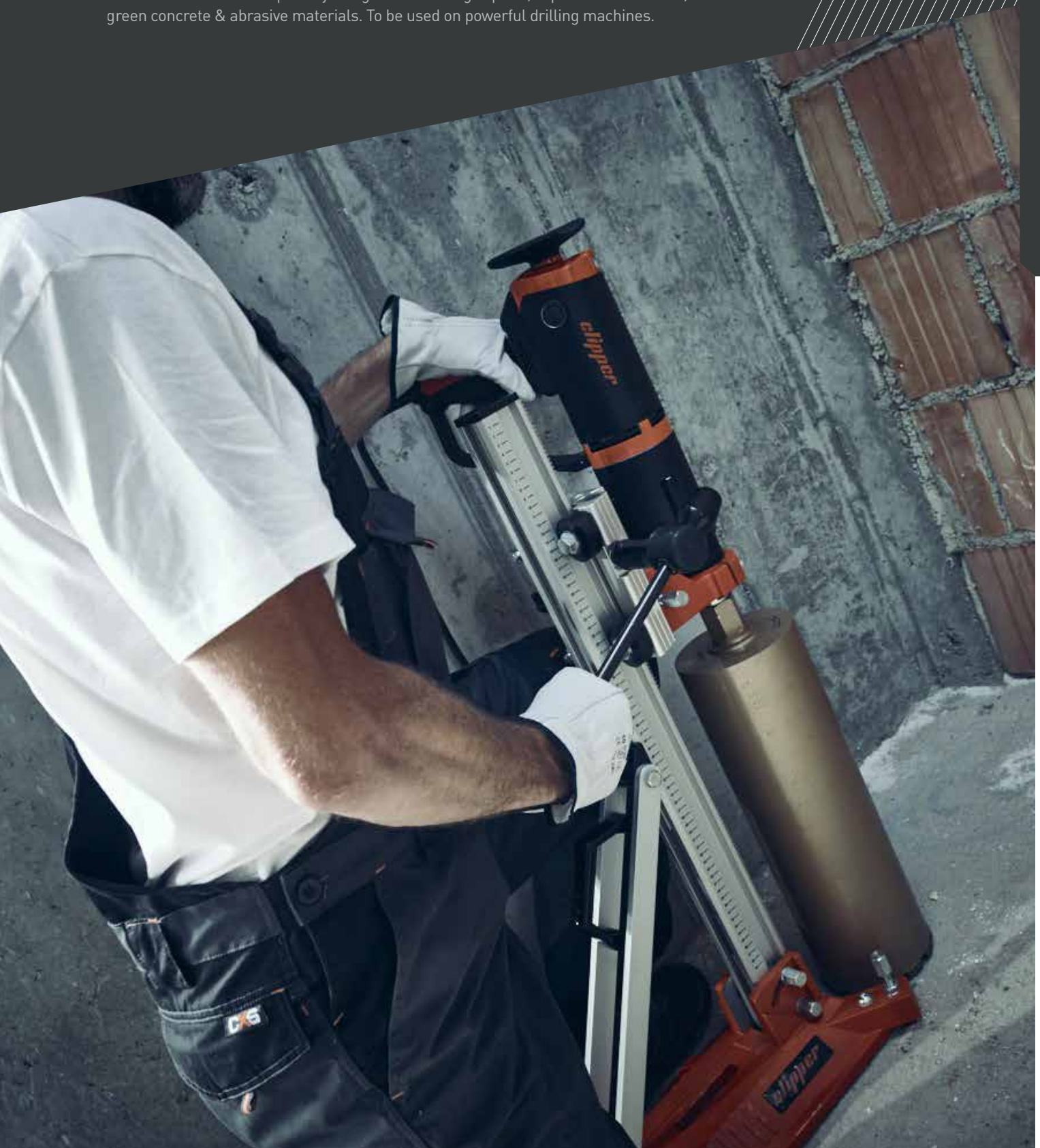
## ACCESSORIES






# DRILLING CORE BITS FOR ASPHALT & ABRASIVE MATERIALS

Discover our core bits especially designed for drilling asphalt, asphalt over concrete, green concrete & abrasive materials. To be used on powerful drilling machines.



# EXTREME CB ASPHALT

- **Useful length:** 450mm.
- **Connection:** 1" ¼ Female.
- **Applications:** For roads and pavements.
- High performance, laser welded core bit ideal for abrasive materials and powerful machines.
- Featuring fluted segments which provide speed and extended product life.



| OD / ID* (mm) | No. SEGMENTS | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|---|
| 45/37 | 4 | 3,8x12x24 | 70184640578** | 5450248720218 |
| 48/41 | 4 | 3,8x12x24 | 70184630755** | 5450248458234 |
| 57/49 | 5 | 3,8x12x24 | 70184640579** | 5450248567271 |
| 67/59 | 5 | 3,8x12x24 | 70184630759** | 5450248458272 |
| 77/69 | 6 | 3,8x12x24 | 70184630762** | 5450248458302 |
| 92/84 | 7 | 3,8x12x24 | 70184630768** | 5450248462163 |
| 102/94 | 8 | 3,8x12x24 | 70184630769** | 5450248472667 |
| 107/99 | 9 | 3,8x12x24 | 70184630771** | 5450248472674 |
| 112/104 | 9 | 3,8x12x24 | 70184630772** | 5450248462071 |
| 117/109 | 9 | 3,8x12x24 | 70184630773** | 5450248472681 |
| 127/119 | 10 | 4,2x12x24 | 70184630774** | 5450248472698 |
| 132/124 | 10 | 4,2x12x24 | 70184630775** | 5450248472704 |
| 152/144 | 11 | 4,2x12x24 | 70184630776** | 5450248472711 |
| 162/154 | 12 | 4,2x12x24 | 70184630777** | 5450248472728 |
| 178/170 | 13 | 4,2x12x24 | 70184630778** | 5450248472735 |
| 187/179 | 14 | 4,2x12x24 | 70184630779** | 5450248472742 |
| 202/193 | 14 | 4,5x12x24 | 70184630780** | 5450248472759 |
| 212/203 | 15 | 4,5x12x24 | 70184630781** | 5450248565864 |
| 225/216 | 15 | 4,5x12x24 | 70184630782** | 5450248565871 |
| 250/241 | 16 | 4,5x12x24 | 70184630783** | 5450248565888 |
| 275/266 | 17 | 4,5x12x24 | 70184630822** | 5450248566786 |
| 300/290 | 18 | 5x12x24 | 70184630808** | 5450248566717 |
| 325/315 | 18 | 5x12x24 | 70184630810** | 5450248566724 |
| 350/340 | 19 | 5x12x24 | 70184630811** | 5450248566731 |
| 400/390 | 20 | 5x12x24 | 70184630833** | 5450248566816 |
| 450/440 | 22 | 5x12x24 | 70184630812** | 5450248566748 |
| 500/490 | 24 | 5x12x24 | 70184640073** | 5450248454113 |
| 550/540 | 26 | 5x12x24 | 70184640581** | 5450248567288 |
| 600/590 | 28 | 5x12x24 | 70184640582** | 5450248567295 |
| 700/690 | 30 | 5x12x24 | 70184640583** | 5450248567301 |

** OD / ID: Outer Diameter / Inner Diameter.*

*Formerly X5* ** Available on request

# EXTREME ASPHALT SEGMENTS

- **Applications:** Abrasive materials and powerful machines.
- Rettiping segments for Extreme CB Asphalt.



| RANGE (mm) | SEGMENT L / W / H (mm) | ITEM No. | EAN |
|---|---|---|---|
| 42-57 | 3,8x10x24 | 310390425 | 5450248720690 |
| 58-72 | 3,8x10x24 | 310390456 | 5450248720706 |
| 73-87 | 3,8x10x24 | 310390457 | 5450248720713 |
| 88-102 | 3,8x10x24 | 310390458 | 5450248720720 |
| 103-117 | 3,8x10x24 | 310390459 | 5450248720737 |
| 118-146 | 4,2x10x24 | 310390460 | 5450248720744 |
| 147-190 | 4,2x10x24 | 310390461 | 5450248720751 |
| 191-290 | 4,5x10x24 | 310390463 | 5450248720768 |
| 291-490 | 5,0x10x24 | 310390464 | 5450248720775 |
| 500-1000 | 5,0x10x24 | 310390477 | 5450248720782 |

NORTON
SAINT-GOBAIN

clipper

# NORTON CLIPPER WOOD



# GETTING TO KNOW OUR PRODUCT RANGES

The Norton Clipper product range offers a solution for four key material applications, with a number of options available depending on the machine and the cut required. From cutting Wood & Composites on a Table Saw, to reciprocating saw, we have you covered.

## RECIPROCATING SAWS



| REFERENCE NUMBER | PRODUCT NAME | DESCRIPTION | WORKING LENGTH (MM) | OVERALL LENGTH (MM) | WOOD & COMPOSITES | MULTI-MATERIALS | VENEER & LAMINATE | ALUMINIUM |
|---|---|---|---|---|---|---|---|---|
| 70184608354 | S1543HM | RECIP BLADE TCT 240 S1543HM | 220 | 240 | | △ | | |
| 70184608355 | S 1243 HM | RECIP BLADE TCT 304 S1243HM | 260 | 304 | | △ | | |
| 70184608356 | S 2243 HM | RECIP BLADE TCT 455 S2243HM | 415 | 455 | | △ | | |
| 70184608357 | S 1122 HF | RECIP BLADE BIM 228 S1122HF | 208 | 228 | | △ I | | |
| 70184608358 | S 1411 DF | RECIP BLADE BIM 300 S1411DF | 280 | 300 | | △○ | | |
| 70184608359 | S 1111 DF | RECIP BLADE BIM 228 S1111DF | 208 | 228 | | △ | | |
| 70184608360 | S 1542 K | RECIP BLADE HCS 240 S1542K | 220 | 240 | △ | | | |
| 70184608361 | S 1131 L | RECIP BLADE HCS 240 S1131L | 220 | 240 | △ | | | |
| 70184608362 | S 2345 X | RECIP BLADE HCS 200 S2345X | 180 | 200 | + | | | |
| 70184608363 | S 644 D | RECIP BLADE HCS 152 S644D | 132 | 152 | +○ | | | |
| 70184608364 | S 922 HF | RECIP BLADE BIM 152 S922HF | 132 | 152 | | △ | | |
| 70184608365 | S610VF | RECIP BLADE BIM/CO 152 S610VF | 132 | 152 | | △ | | |
| 70184608366 | S1210VF | RECIP BLADE BIM/CO 300 S1210VF | 280 | 300 | | △ | | |

## KIT



| REFERENCE NUMBER | PRODUCT NAME | DESCRIPTION | WORKING LENGTH (MM) | OVERALL LENGTH (MM) | WOOD & COMPOSITES | MULTI-MATERIALS | VENEER & LAMINATE | ALUMINIUM |
|---|---|---|---|---|---|---|---|---|
| | T144DP (2x) | | 76 | 100 | △ I | | | |
| | T144D (2x) | | 76 | 100 | △ I | | | |
| 70184608383 | T101B (2x) | KIT 10 HCS JIGSAW BLADES | 76 | 100 | I ++ | | | |
| | T244D (2x) | | 76 | 100 | △○ | | | |
| | T101AO (2x) | | 50 | 76 | +○ | | | |
| 70184608384 | | KIT 2 TCT PLANNER KNIFES 82mm | | 82 | + | | | |

## KEY

| − | △ | ○ | + | I | X | + + |
|---|---|---|---|---|---|---|
| Ripping | Fast Cut | Curved Cut | Clean Cut | Straight Cut | Cross Cutting | Extra Clean Cut |

# JIGSAW

| REFERENCE NUMBER | PRODUCT NAME | DESCRIPTION | WORKING LENGTH (MM) | OVERALL LENGTH (MM) | WOOD & COMPOSITES | MULTI-MATERIALS | VENEER & LAMINATE | ALUMINIUM |
|---|---|---|---|---|---|---|---|---|
| 70184608367 | T 344 D | JIGSAW BLADE HCS 132 T344D | 110 | 132 | △ \| | | | |
| 70184608368 | T 234 X | JIGSAW BLADE HCS 116 T234X | 90 | 116 | △+ | | | |
| 70184608369 | T 301 CD | JIGSAW BLADE HCS 116 T301CD | 90 | 116 | \| ○ + | | | |
| t70184608370 | T 308 BF | JIGSAW BLADE BIM 117 T308BF | 91 | 117 | \| ++ | | | |
| 70184608371 | T 101 B | JIGSAW BLADE HCS 100 T101B | 76 | 100 | \| ++ | | | |
| 70184608372 | T 144 DP | JIGSAW BLADE HCS 100 T144DP | 76 | 100 | △+ | | | |
| 70184608373 | T 101 AO | JIGSAW BLADE HCS 76 T101AO | 50 | 76 | + ○ | | | |
| 70184608374 | T 101 BR | JIGSAW BLADE HCS 100 T101BR | 76 | 100 | + + \| | | | |
| 70184608375 | T 244 D | JIGSAW BLADE HCS 100 T244D | 76 | 100 | △○ | | | |
| 70184608376 | T 119 BO | JIGSAW BLADE HCS 76 T119BO | 50 | 76 | △○ | | | |
| 70184608377 | T 308 BFP | JIGSAW BLADE BIM 100 T308BFP | | 100 | + + \| | | | |
| 70184608378 | T 119 B | JIGSAW BLADE HCS 76 T119B | 50 | 76 | △ \| | | | |
| 70184608379 | T 101 BIF | JIGSAW BLADE BIM 82 T101BIF | 56 | 82 | | | + + \| | |
| 70184608380 | T 218 A | JIGSAW BLADE HCS 76 T218A | 50 | 76 | | | | + ○ |
| 70184608381 | T 118 B | JIGSAW BLADE HCS 76 T118B | 50 | 76 | | | | + \| |
| 70184608382 | T 127 D | JIGSAW BLADE HCS 100 T127D | 76 | 100 | | | | △+ \| |

# MITRE SAW

| REFERENCE NUMBER | DIAMETER (MM) | DIAMETER X TOOTH DIAMETER X BORE (MM) | TOOTH NUMBER / TOOTH SHAPE | WOOD & COMPOSITES | | | MULTI-MATERIALS | VENEER & LAMINATE | ALUMINIUM |
|---|---|---|---|---|---|---|---|---|---|
| 70184608088 | 160 | 160 x 2,6/1,6 x 20 | 48/ATB Neg | | + | x | | | |
| 70184608096 | 190 | 190 x 2,8/1,8 x 30 | 48/ATB Neg | △– | + | x | | | |
| 70184608135 | 190 | 190 x 2,6/1,8 x 30 | 60/TCG Neg | | | | | | ++ |
| 70184608099 | 216 | 216 x 2,8/1,8 x 30 | 48/ATB Neg | △– | + | x | | | |
| 70184608056 | 216 | 216 x 2,8/1,8 x 30 | 24/ATB Neg | △– | | | | | |
| 70184608057 | 216 | 216 x 2,3/1,8 x 30 | 36/ATB Neg | △– | | x | | | |
| 70184608136 | 216 | 216 x 2,6/1,8 x 30 | 80/TCG Neg | | | | | | ++ |
| 70184608137 | 230 | 230 x 2,8/2,0 x 30 | 80 TCG Neg | | | | | | ++ |
| 70184608065 | 250 | 250 x 3,2/2,2 x 30 | 24/ATB Neg | △– | | | | | |
| 70184608138 | 250 | 250 x 2,8/2,0 x 30 | 80/TCG Neg | | | | | | ++ |
| 70184608114 | 255 | 255 x 3,2/2,2 x 30 | 60/ATB Neg | △– | + | x | | | |
| 70184608067 | 255 | 255 x 3,2/2,2 x 30 | 24/ATB Neg | △– | | | | | |
| 70184608068 | 255 | 255 x 2,6/1,8 x 30/16 | 24/ATB Neg | △– | | | | | |
| 70184608139 | 255 | 255 x 3,0/2,2 x 30 | 80/TCG Neg | | | | | | ++ |
| 70184608115 | 260 | 260 x 2,6/1,8 x 30 | 48/ ATB Neg | △– | + | x | | | |
| 70184608116 | 260 | 260 x 2,6/1,8 x 30 | 60/ATB Neg | △– | + | x | | | |
| 70184608124 | 305 | 305 x 3,2/1,2 x 30 | 60/ATB Neg | △– | + | x | | | |
| 70184608072 | 305 | 305 x 3,2/2,2 x 30 | 36/ATB Neg | △– | | | | | |
| 70184608140 | 305 | 305 x 3,0/2,2 x 30 | 96/TCG Neg | | | | | | ++ |

# CIRCULAR & TABLE SAW



| REFERENCE NUMBER | DIAMETER (MM) | DIAMETER X TOOTH DIA X BORE (MM) | TOOTH N° /TOOTH SHAPE | WOOD & COMPOSITES | | MULTI-MATERIALS | VENEER & LAMINATE | ALUMINIUM |
|---|---|---|---|---|---|---|---|---|
| 70184608030 | 100 | 100 x 2,6/1,6 x 20 | 24/ATB | △– | x | | | |
| 70184608032 | 120 | 120 x 1,8/1,2 x 20 | 24/ATB | △– | x | | | |
| 70184608033 | 125 | 125 x 2,6/1,6 x 20 | 24/ATB | △– | x | | | |
| 70184608034 | 130 | 130 x 2,6/1,6 x 20/16 | 24/ATB | △– | x | | | |
| 70184608035 | 150 | 150 x 2,6/1,6 x 30/20 | 24/ATB | △– | x | | | |
| 70184608036 | 150 | 150 x 3,6/2,6 x 20 | 24/ATB | △– | x | | | |
| 70184608037 | 150 | 150 x 3,6/2,6 x 30 | 24/ATB | △– | x | | | |
| 70184608038 | 160 | 160 x 2,6/1,6 x 20 | 16/ATB | △– | | | | |
| 70184608039 | 160 | 160 x 2,6/1,6 x 16 | 24/ATB | △– | x | | | |
| 70184608040 | 160 | 160 x1,8/1,2 x 20 | 24/ATB | △– | x | | | |
| 70184608041 | 160 | 160 x 2,2/1,6 x 30/20 | 24/ATB | △– | x | | | |
| 70184608042 | 160 | 160 x 2,6/1,6 x 20 | 24/ATB | △– | x | | | |
| 70184608043 | 160 | 160 x 2,6/1,6 x 30/20 | 24/ATB | △– | x | | | |
| 70184608044 | 160 | 160 x 2,8/1,8 x 20 | 24/ATB | △– | x | | | |
| 70184608045 | 165 | 165 x 1,8/1,2 x 20 | 24/ATB | △– | x | | | |
| 70184608046 | 165 | 165 x 2,6/1,6 x 20 | 24/ATB | △– | x | | | |
| 70184608047 | 170 | 170 x 2,6/1,6 x 30/20/16 | 24/ATB | △– | x | | | |
| 70184608048 | 170 | 170 x 2,8/1,8 x 30 | 24/ATB | △– | x | | | |
| 70184608049 | 180 | 180 x 2,8/1,8 x 30/20/16 | 24/ATB | △– | x | | | |
| 70184608050 | 180 | 180 x 2,8/1,8 x 30 | 30/ATB | △– | x | | | |
| 70184608051 | 185 | 185 x 1,8/1,2 x 30/20/16 | 24/ATB | △– | x | | | |
| 70184608052 | 190 | 190 x 2,8/1,8 x 30/20/16 | 24/ATB | △– | x | | | |
| 70184608054 | 210 | 210 x 2,8/1,8 x 30 | 24/ATB | △– | | | | |
| 70184608055 | 210 | 210 x 2,8/1,8 x 30 | 36/ATB | △– | x | | | |
| 70184608142 | 216 | 216 x 2,6/1,8 x 30 | 60/TCG | | | | ++ | |
| 70184608143 | 216 | 216 x 2,3/1,8 x 30 | 60/TCG | | | | ++ | |
| 70184608058 | 220 | 220 x2,8/1,8 x 30 | 24/ATB | △– | | | | |
| 70184608059 | 225 | 225 x 2,6/1,6 x 30 | 32/ATB | △– | x | | | |
| 70184608061 | 230 | 230 x 2,8/1,8 x 30 | 36/ATB | △– | x | | | |
| 70184608060 | 230 | 230 x 2,8/1,8 x30 | 24/ATB | △– | | | | |
| 70184608063 | 235 | 235 x 2,8/1,8 x 30 | 36/ATB | △– | x | | | |
| 70184608062 | 235 | 235 x 2,8/1,8 x 30/16 | 24/ATB | △– | | | | |

# KEY

| – | △ | ○ | + | I | X | + + |
|---|---|---|---|---|---|---|
| Ripping | Fast Cut | Curved Cut | Clean Cut | Straight Cut | Cross Cutting | Extra Clean Cut |

# CIRCULAR & TABLE SAW



| REFERENCE NUMBER | DIAMETER (MM) | DIAMETER X TOOTH DIA X BORE (MM) | TOOTH N° /TOOTH SHAPE | WOOD & COMPOSITES | | MULTI-MATERIALS | VENEER & LAMINATE | ALUMINIUM |
|---|---|---|---|---|---|---|---|---|
| 70184608064 | 240 | 240 x 3,0/2,0 x 30 | 24/ATB | Δ– | | | | |
| 70184608066 | 250 | 250 x 3,2/2,2 x 30 | 36/ATB | Δ– | x | | | |
| 70184608145 | 250 | 250 x2,8/2,0 x 30 | 60/TCG | | | | ++ | |
| 70184608069 | 260 | 260 x 3,2/2,2 x 30 | 24/ATB | Δ– | | | | |
| 70184608070 | 280 | 280 x 3,2/2,2 x 30 | 24/ATB | Δ– | | | | |
| 70184608071 | 305 | 305 x 3,2/2,2 x 30 | 24/ATB | Δ– | | | | |
| 70184608073 | 315 | 315 x 3,2/2,2 x 30 | 24/ATB | Δ– | | | | |
| 70184608074 | 330 | 330 x 3,2/2,2 x 30 | 40/ATB | Δ– | | | | |
| 70184608075 | 355 | 355 x 3,2/2,4 x 30 | 24/ATB | Δ– | | | | |
| 70184608076 | 355 | 355 x 3,2/2,4 x 30 | 40/ATB | Δ– | | | | |
| 70184608081 | 125 | 125 x 2,6/1,6 x 20 | 36/ATB | + | x | | | |
| 70184608082 | 130 | 130 x 2,6/1,6 x 20 | 36/ATB | + | x | | | |
| 70184608083 | 150 | 150 x2,6/1,6 x 30/20 | 48/ATB | + | x | | | |
| 70184608084 | 160 | 160 x 2,6/1,6 x 20 | 40/ATB | + | x | | | |
| 70184608085 | 160 | 160 x 2,6/1,6 x 30/16 | 48/ATB | + | x | | | |
| 70184608086 | 160 | 160 x 1,8/1,2 x 20 | 48/ATB | + | x | | | |
| 70184608087 | 160 | 160 x 2,6/1,6 x 20 | 48/ATB | + | x | | | |
| 70184608089 | 160 | 160 x 2,2/1,6 x 20 | 60/ATB | + | x | | | |
| 70184608090 | 160 | 165 x 2,6/1,6 x 20 | 48/ATB | + | x | | | |
| 70184608091 | 165 | 165 x 2,6/1,6 x 20 | 64/ATB | + | x | | | |
| 70184608092 | 170 | 170 x 2,6/1,6 x 30/16 | 48/ATB | + | x | | | |
| 70184608093 | 180 | 180 x 2,8/1,8 x 30/20/16 | 48/ATB | + | x | | | |
| 70184608094 | 190 | 190 x 2,8/1,8 x 30 | 40/ATB | + | x | | | |
| 70184608095 | 190 | 190 x 2,8/1,8 x 30/20/16 | 48/ATB | + | x | | | |
| 70184608097 | 210 | 210 x 2,8/1,8 x 30 | 48/ATB | + | x | | | |
| 70184608098 | 210 | 210 x 2,8/1,8 x 30 | 64/ATB | + | x | | | |
| 70184608100 | 220 | 220 x 2,8/1,8 x 30 | 48/ATB | + | x | | | |
| 70184608101 | 225 | 225 x 2,8/1,8 x 30 | 48/ATB | + | x | | | |
| 70184608102 | 225 | 225 x 2,6/1,6 x 30 | 64/ATB | + | x | | | |
| 70184608103 | 230 | 230 x 2,8/1,8 x 30 | 48/ATB | + | x | | | |
| 70184608104 | 230 | 230 x 2,8/1,8 x 30 | 64/ATB | + | x | | | |

## KEY

| – | Δ | O | + | I | X | ++ |
|---|---|---|---|---|---|---|
| Ripping | Fast Cut | Curved Cut | Clean Cut | Straight Cut | Cross Cutting | Extra Clean Cut |

# CIRCULAR & TABLE SAW



| REFERENCE NUMBER | DIAMETER (MM) | DIAMETER X TOOTH DIA X BORE (MM) | TOOTH N° /TOOTH SHAPE | WOOD & COMPOSITES | | MULTI-MATERIALS | VENEER & LAMINATE | ALUMINIUM |
|---|---|---|---|---|---|---|---|---|
| 70184608105 | 235 | 235 x 2,8/1,8 x 30/16 | 48/ATB | + | x | | | |
| 70184608106 | 235 | 235 x 2,8/1,8 x 30 | 64/ATB | + | x | | | |
| 70184608107 | 235 | 235 x 2,8/1,8 x 30 | 80/ATB | + | x | | | |
| 70184608108 | 240 | 240 x 3,0/2,0 x 30 | 48/ATB | + | x | | | |
| 70184608109 | 250 | 250 x 3,2/2,2 x 30 | 48/ATB | + | x | | | |
| 70184608110 | 250 | 250 x 3,2/2,2 x 30 | 60/ATB | + | x | | | |
| 70184608111 | 250 | 250 x 3,2/2,2 x 30 | 96/ATB | + | x | | | |
| 70184608112 | 255 | 255 x 3,2/2,2 x 30 | 40/ATB | + | x | | | |
| 70184608113 | 255 | 255 x 3,2/2,2 x 30 | 40/ATB | + | x | | | |
| 70184608117 | 260 | 260 x 3,2/2,2 x 30 | 40/ATB | + | x | | | |
| 70184608118 | 260 | 260 x 3,2/2,2 x 30 | 60/ATB | + | x | | | |
| 70184608119 | 280 | 280 x 3,2/2,2 x 30 | 48/ATB | + | x | | | |
| 70184608120 | 280 | 280 x 3,2/2,2 x 30 | 60/ATB | + | x | | | |
| 70184608121 | 300 | 300 x x3,2/2,2 x 30 | 48/ATB | + | x | | | |
| 70184608122 | 300 | 300 x 3,2/2,2 x 30 | 60/ATB | + | x | | | |
| 70184608123 | 305 | 305 x 3,2/2,2 x 30 | 48/ATB | + | x | | | |
| 70184608125 | 305 | 305 x 3,2/2,2 x 30 | 96/ATB | + | x | | | |
| 70184608124 | 305 | 305 x 3,2/2,2 x 30 | 60/ATB Neg | + | x | | | |
| 70184608126 | 355 | 355 x 3,2/2,4 x 30 | 60/ATB | + | x | | | |
| 70184608127 | 355 | 355 x 3,2/2,4 x 30 | 80/ATB | + | x | | | |
| 70184608132 | 300 | 300 x 3,2/2,2 x 30 | 20/Demolition | | | Δ– | | |
| 70184608144 | 225 | 225 x 2,6/1,6 x 30 | 60/TCG | | | | ++ | |
| 70184608146 | 305 | 305 x 3,0/2,2 x 30 | 80/TCG | | | | ++ | |
| 70184608128 | 160 | 160 x 3,0/2,0 x 20 | 18/Demolition | | | Δ– | | |
| 70184608129 | 190 | 190 x 3,0/2,0 x 30 | 20/Demolition | | | Δ– | | |
| 70184608130 | 216 | 216 x 3,0/2,0 x 30 | 24/Demolition | | | Δ– | | |
| 70184608131 | 230 | 230 x 3,0/2,0 x30 | 24/Demolition | | | Δ– | | |
| 70184608133 | 315 | 230 x 2,8/1,8 x 30 | 20/Demolition | | | Δ– | | |
| 70184608134 | 350 | 350 x 3,5/2,5 x 30 | 24/Demolition | | | Δ– | | |
| 70184608141 | 160 | 160 x 2,2/1,6 x 20 | 48/TCG | | | | ++ | |
| 70184608053 | 190 | 190 x 2,8/1,8 x 30 | 30/ATB | Δ– | x | | | |

## KEY

| – | Δ | O | + | I | X | ++ |
|---|---|---|---|---|---|---|
| Ripping | Fast Cut | Curved Cut | Clean Cut | Straight Cut | Cross Cutting | Extra Clean Cut |

BLADES FOR

# WOOD & COMPOSITES

## ONE RANGE TO FIT ALL WOOD REQUIREMENTS

When it comes to wood and composite blades Norton Clipper have a complete collection for the professional woodworker. Encompassing solutions for hard and soft wood, wooden panels, OSB, MDF, and HDF, Norton Clipper blades are built for power, precision and durability.

## CORE BITS

Perfectly round holes every time; the Norton Clipper Hole Saw is a 'cut' above the rest in wood and composites.






| Diameters available | Application | Pack Quantity | Item No. | EAN |
|---|---|---|---|---|
| TCT: 22 / 25 / 32 / 35 / 40 / 44 / 51 / 60 / 65 / 68 / 76 / 102 | Soft wood & composites | 12 + 2 Arbors | 70184608385 | 5450248772200 |

*1PC ARBOR 9.5mm (3/8") hex shank with 1pc HSS pilot drill + 1PC ARBOR 11mm (7/16") hew shank with 1pc HSS pilot drill

# JIGSAWS




Whatever the application, Norton Clipper have a jigsaw blade for it. This range always delivers fast, clean cutting performance for a variety of different natural and man-made wood materials

| Max Material Height (mm) | Working Length (mm) | Overall Length (mm) | Cut (fine, fast, straight, curved) | Teeth Material | TPI | Pack Quantity | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|---|
| Thick construction timber, softwood(5-65mm), chipboards, wood core plywood, fibre boards | 110 | 132 | Fast & straight cut | HCS | 6T | 3 | T 344 D | 70184608367 | 5450248772026 |
| Softwood (2-65mm),chipboards,wood core plywood,fibre boards | 90 | 116 | Clean & straight cut | HCS | 8/12T | 3 | T 234 X | 70184608368 | 5450248772033 |
| Softwood, chipboards, wood core plywood, fibre boards (10-65 mm) | 90 | 116 | Clean, straight & curved cut | HCS | 8T | 3 | T 301 CD | 70184608369 | 5450248772040 |
| Laminated panels, plastic and fibre boards (5-50mm) | 91 | 117 | Extra clean & straight cut | BIM | 10T | 3 | T 308 BF | 70184608370 | 5450248772057 |
| Softwood, chipboard, wood core plywood, fibre boards (3-30 mm), plastics/epoxy (diameter <30 mm) | 76 | 100 | Clean & straight cut | HCS | 10T | 3 | T 101 B | 70184608371 | 5450248772064 |
| Softwood, chipboards, wood core plywood, fibre boards (5-50 mm), doors, kitchen worktops (<50 mm) | 76 | 100 | Fast & straight cut | HCS | 6T | 3 | T 144 DP | 70184608372 | 5450248772071 |
| Softwood, plywood, laminated panels (1.5-15 mm), especially for curve cuts | 50 76 | | Clean curved cut | HCS | 20T | 3 | T 101 AO | 70184608373 | 5450248772088 |
| Softwood, chipboard, wood core plywood, fibre boards (3-30 mm), laminated panels, clean surface | 76 | 100 | Extra clean & straight cut | HCS | 10T | 3 | T 101 BR | 70184608374 | 5450248772095 |
| Softwood (5-50 mm), chipboards, wood core plywood, fibre boards, especially for curve cuts | 76 | 100 | Fast & curved cut | HCS | 6T | 3 | T 244 D | 70184608375 | 5450248772101 |
| Softwood (2-15 mm), plywood, chipboard, wood core plywood, fibre boards, especially for curve cuts | 50 | 76 | Fast & curved cut | HCS | 12T | 3 | T 119 BO | 70184608376 | 5450248772118 |
| Laminated panels, plastic and fibre boards (5-50mm) | | 100 | Extra clean & straight cut | BIM | 12T | 3 | T 308 BFP | 70184608377 | 5450248772125 |
| Softwood (2-15 mm), plywood, chipboards, wood core plywood, fibre boards | 50 | 76 | Fast & straight cut | HCS | 12T | 3 | T 119 B | 70184608378 | 5450248772132 |
| 5 - 50<br>3 - 30<br>1,5 - 15 | 76 | 100 | Fast cut / Clean cut / Normal cut | T144DP:HCS T144D:HCS T101B:HCS T244D:HCS T101AO:HCS | T144DP:6T T144D:6T T101B:10T T244D:6T T101AO:20T | 10 | | 70184608383 | 5450248772187 |

# RECIPROCATING SAW BLADES




All Norton Clipper Reciprocating Saw blades for wood and composites offer the user outstanding performance whether it be fast and straight or clean, curved cutting

| Max Material Height (mm) | Working Length (mm) | Overall Length (mm) | Cut Type | Teeth Material | TPI | Pack Quantity | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|---|
| Fuel wood,damp wood(dia.15-190mm) | 220 | 240 | Fast cut | HCS | 3T | 2 | S 1542 K | 70184608360 | 5450248771951 |
| Coarse, fast cuts in wood(tree cutting and pruning) | 220 | 240 | Fast cut | HCS | 5T | 2 | S 1131 L | 70184608361 | 5450248771968 |
| Timber 6 - 150 mm<br>Plastic 6-150<br>Wooden panels <175mm | 180 | 200 | Clean cut | HCS | 6-10T | 2 | S 2345 X | 70184608362 | 5450248771975 |
| Construction timber( 6-100mm), wooden panels (<75mm),boards; chip, MDF(6-60mm), plywood, plastic (6-100mm).*Especially for plunge cuts | 132 | 152 | Curved & clean cut | HCS | 6T | 2 | S 644 D | 70184608363 | 5450248771982 |

# CIRCULAR SAW / TABLE SAW




This range of circular and table saw blades is optimized for **ripping** and **fast cutting** of all kinds of wood and composite materials. They have less teeth than the finishing blades. The larger diameter blades have an anti-kickback design to ensure the highest safety for the user. These blades can also be professionally resharpened to extend their life.

| Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of Teeth | Teeth Design | RPM | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|
| 100 | 2,6 / 1,6 | 20 | 24T | ATB | 15300 | WR.100.20.Z24.1 | 70184608030 | 5450248769262 |
| 120 | 1,8 / 1,2 | 20 | 24T | ATB | 12800 | WR.120.20.Z24.1 | 70184608032 | 5450248769279 |
| 125 | 2,6 / 1,6 | 20 | 24T | ATB | 12000 | WR.125.20.Z24.1 | 70184608033 | 5450248769286 |
| 130 | 2,6 / 1,6 | 20/16 | 24T | ATB | 11800 | WR.130.20.Z24.1 | 70184608034 | 5450248769293 |
| 150 | 2,6 / 1,6 | 30/20 | 24T | ATB | 10000 | WR.150.30.Z24.1 | 70184608035 | 5450248769309 |
| 150 | 2,8 / 1,8 | 20 | 24T | ATB | 10000 | WR.150.20.Z24.1 | 70184608036 | 5450248769316 |
| 150 | 3,6 / 2,6 | 30 | 24T | ATB | 10000 | WR.150.30.Z24.2 | 70184608037 | 5450248769323 |
| 160 | 2,6 / 1,6 | 16 | 24T | ATB | 9500 | WR.160.16.Z24.1 | 70184608039 | 5450248769347 |
| 160 | 2,6 / 1,6 | 20 | 16T | ATB | 9500 | WR.160.20.Z16.1 | 70184608038 | 5450248769330 |
| 160 | 1,8 / 1,2 | 20 | 24T | ATB | 9500 | WR.160.20.Z24.1 | 70184608040 | 5450248769354 |
| 160 | 2,6 / 1,6 | 20 | 24T | ATB | 9500 | WR.160.20.Z24.2 | 70184608042 | 5450248769378 |
| 160 | 2,8 / 1,8 | 20 | 24T | ATB | 9500 | WR.160.20.Z24.3 | 70184608044 | 5450248769392 |
| 160 | 2,2 / 1,6 | 30/20 | 24T | ATB | 9500 | WR.160.30.Z24.1 | 70184608041 | 5450248769361 |
| 160 | 2,6 / 1,6 | 30/20 | 24T | ATB | 9500 | WR.160.30.Z24.2 | 70184608043 | 5450248769385 |
| 165 | 1,8 / 1,2 | 20 | 24T | ATB | 9500 | WR.165.20.Z24.1 | 70184608045 | 5450248769408 |
| 165 | 2,6 / 1,6 | 20 | 24T | ATB | 9500 | WR.165.20.Z24.2 | 70184608046 | 5450248769415 |
| 170 | 2,6 / 1,6 | 30/20/16 | 24T | ATB | 9000 | WR.170.30.Z24.1 | 70184608047 | 5450248769422 |
| 170 | 2,8 / 1,8 | 30 | 24T | ATB | 9000 | WR.170.30.Z24.2 | 70184608048 | 5450248769439 |
| 180 | 2,8 / 1,8 | 30/20/16 | 24T | ATB | 8500 | WR.180.30.Z24.1 | 70184608049 | 5450248769446 |
| 180 | 2,8 / 1,8 | 30 | 30T | ATB | 8500 | WR.180.30.Z30.1 | 70184608050 | 5450248769453 |
| 185 | 1,8/1,2 | 30/20/16 | 24T | ATB | 8500 | WR.185.30.Z24.1 | 70184608051 | 5450248769460 |
| 190 | 2,8 / 1,8 | 30/20/16 | 24T | ATB | 8000 | WR.190.30.Z24.1 | 70184608052 | 5450248769477 |
| 190 | 2,8 / 1,8 | 30 | 30T | ATB | 8000 | WR.190.30.Z30.1 | 70184608053 | 5450248769484 |
| 210 | 2,8 / 1,8 | 30 | 24T | ATB | 7200 | WR.210.30.Z24.1 | 70184608054 | 5450248769491 |
| 210 | 2,8 / 1,8 | 30 | 36T | ATB | 7200 | WR.210.30.Z36.1 | 70184608055 | 5450248769507 |
| 220 | 2,8 / 1,8 | 30 | 24T | ATB | 7000 | WR.220.30.Z24.1 | 70184608058 | 5450248769538 |
| 225 | 2,6 / 1,6 | 30 | 32T | ATB | 6500 | WR.225.30.Z32.1 | 70184608059 | 5450248769545 |
| 230 | 2,8 / 1,8 | 30 | 24T | ATB | 6500 | WR.230.30.Z24.1 | 70184608060 | 5450248769552 |
| 230 | 2,8 / 1,8 | 30 | 36T | ATB | 6500 | WR.230.30.Z36.1 | 70184608061 | 5450248769569 |
| 235 | 2,8 / 1,8 | 30/16 | 24T | ATB | 6500 | WR.235.30.Z24.1 | 70184608062 | 5450248769576 |
| 235 | 2,8 / 1,8 | 30 | 36T | ATB | 6500 | WR.235.30.Z36.1 | 70184608063 | 5450248769583 |
| 240 | 3,0 / 2,0 | 30 | 24T | ATB | 6300 | WR.240.30.Z24.1 | 70184608064 | 5450248769590 |
| 250 | 3,2 / 2,2 | 30 | 36T | ATB | 6000 | WR.250.30.Z36.1 | 70184608066 | 5450248769613 |
| 260 | 3,2 / 2,2 | 30 | 24T | ATB | 5800 | WR.260.30.Z24.1 | 70184608069 | 5450248769644 |
| 280 | 3,2 / 2,2 | 30 | 24T | ATB | 5400 | WR.280.30.Z24.1 | 70184608070 | 5450248769651 |
| 305 | 3,2 / 2,2 | 30 | 24T | ATB | 5000 | WR.305.30.Z24.1 | 70184608071 | 5450248769668 |
| 315 | 3,2 / 2,2 | 30 | 24T | ATB | 4800 | WR.315.30.Z24.1 | 70184608073 | 5450248769682 |
| 330 | 3,2 / 2,2 | 30 | 40T | ATB | 4600 | WR.330.30.Z40.1 | 70184608074 | 5450248769699 |
| 355 | 3,2 / 2,4 | 30 | 24T | ATB | 4300 | WR.355.30.Z24.1 | 70184608075 | 5450248769705 |
| 355 | 3,2 / 2,4 | 30 | 40T | ATB | 4300 | WR.355.30.Z40.1 | 70184608076 | 5450248769712 |

# CIRCULAR SAW / TABLE SAW



This range of circular and table saw blades is optimized for cross-cutting and finishing of all kinds of wood and composite materials. They have more teeth than the ripping blades and offer the best quality of cut. These blades can also be professionally resharpened to extend their life.

| Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of Teeth | Teeth Design | RPM | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|
| 125 | 2,6 / 1,6 | 20 | 36T | ATB | 12000 | WF.125.20.Z36.1 | 70184608081 | 5450248768791 |
| 130 | 2,6 / 1,6 | 20 | 36T | ATB | 11800 | WF.130.20.Z36.1 | 70184608082 | 5450248768807 |
| 150 | 2,6 / 1,6 | 30/20 | 48T | ATB | 10000 | WF.150.30.Z48.1 | 70184608083 | 5450248768814 |
| 160 | 2,6 / 1,6 | 20 | 40T | ATB | 9500 | WF.160.20.Z40.1 | 70184608084 | 5450248768821 |
| 160 | 1,8 / 1,2 | 20 | 48T | ATB | 9500 | WF.160.20.Z48.1 | 70184608086 | 5450248768845 |
| 160 | 2,6 / 1,6 | 20 | 48T | ATB | 9500 | WF.160.20.Z48.2 | 70184608087 | 5450248768852 |
| 160 | 2,2 / 1,6 | 20 | 60T | ATB | 9500 | WF.160.20.Z60.1 | 70184608089 | 5450248768876 |
| 160 | 2,6 / 1,6 | 30/16 | 48T | ATB | 9500 | WF.160.30.Z48.1 | 70184608085 | 5450248768838 |
| 165 | 2,6 / 1,6 | 20 | 48T | ATB | 9500 | WF.165.20.Z48.1 | 70184608090 | 5450248768883 |
| 165 | 2,6 / 1,6 | 20 | 64T | ATB | 9500 | WF.165.20.Z64.1 | 70184608091 | 5450248768890 |
| 170 | 2,6 / 1,6 | 30/16 | 48T | ATB | 9000 | WF.170.30.Z48.1 | 70184608092 | 5450248768906 |
| 180 | 2,8 / 1,8 | 30/20/16 | 48T | ATB | 8500 | WF.180.30.Z48.1 | 70184608093 | 5450248768913 |
| 190 | 2,8 / 1,8 | 30 | 40T | ATB | 8000 | WF.190.30.Z40.1 | 70184608094 | 5450248768920 |
| 190 | 2,8 / 1,8 | 30/20/16 | 48T | ATB | 8000 | WF.190.30.Z48.1 | 70184608095 | 5450248768937 |
| 210 | 2,8 / 1,8 | 30 | 48T | ATB | 7200 | WF.210.30.Z48.1 | 70184608097 | 5450248768951 |
| 210 | 2,8 / 1,8 | 30 | 64T | ATB | 7200 | WF.210.30.Z64.1 | 70184608098 | 5450248768968 |
| 220 | 2,8 / 1,8 | 30 | 48T | ATB | 7000 | WF.220.30.Z48.1 | 70184608100 | 5450248768982 |
| 225 | 2,8 / 1,8 | 30 | 48T | ATB | 6500 | WF.225.30.Z48.1 | 70184608101 | 5450248768999 |
| 225 | 2,6 / 1,6 | 30 | 64T | ATB | 6500 | WF.225.30.Z64.1 | 70184608102 | 5450248769002 |
| 230 | 2,8 / 1,8 | 30 | 48T | ATB | 6500 | WF.230.30.Z48.1 | 70184608103 | 5450248769019 |
| 230 | 2,8 / 1,8 | 30 | 64T | ATB | 6500 | WF.230.30.Z64.1 | 70184608104 | 5450248769026 |
| 235 | 2,8 / 1,8 | 30/16 | 48T | ATB | 6500 | WF.235.30.Z48.1 | 70184608105 | 5450248769033 |
| 235 | 2,8 / 1,8 | 30 | 64T | ATB | 6500 | WF.235.30.Z64.1 | 70184608106 | 5450248769040 |
| 235 | 2,8 / 1,8 | 30 | 96T | ATB | 6500 | WF.235.30.Z96.1 | 70184608107 | 5450248769057 |
| 240 | 3,0 / 2,0 | 30 | 48T | ATB | 6300 | WF.240.30.Z48.1 | 70184608108 | 5450248769064 |
| 250 | 3,2 / 2,2 | 30 | 48T | ATB | 6000 | WF.250.30.Z48.1 | 70184608109 | 5450248769071 |
| 250 | 3,2 / 2,2 | 30 | 60T | ATB | 6000 | WF.250.30.Z60.1 | 70184608110 | 5450248769088 |
| 250 | 3,2 / 2,2 | 30 | 96T | ATB | 6000 | WF.250.30.Z96.1 | 70184608111 | 5450248769095 |
| 255 | 3,2 / 2,2 | 30 | 40T | ATB | 6000 | WF.255.30.Z40.1 | 70184608112 | 5450248769101 |
| 255 | 3,2 / 2,2 | 30 | 60T | ATB | 6000 | WF.255.30.Z60.1 | 70184608113 | 5450248769118 |
| 260 | 3,2 / 2,2 | 30 | 40T | ATB | 5800 | WF.260.30.Z40.1 | 70184608117 | 5450248769156 |
| 260 | 3,2 / 2,2 | 30 | 60T | ATB | 5800 | WF.260.30.Z60.2 | 70184608118 | 5450248769163 |
| 280 | 3,2 / 2,2 | 30 | 48T | ATB | 5400 | WF.280.30.Z48.1 | 70184608119 | 5450248769170 |
| 280 | 3,2 / 2,2 | 30 | 60T | ATB | 5400 | WF.280.30.Z60.1 | 70184608120 | 5450248769187 |
| 300 | 3,2 / 2,2 | 30 | 48T | ATB | 5000 | WF.300.30.Z48.1 | 70184608121 | 5450248769194 |
| 300 | 3,2 / 2,2 | 30 | 60T | ATB | 5000 | WF.300.30.Z60.1 | 70184608122 | 5450248769200 |
| 305 | 3,2 / 2,2 | 30 | 48T | ATB | 5000 | WF.305.30.Z48.1 | 70184608123 | 5450248769217 |
| 305 | 3,2 / 2,2 | 30 | 96T | ATB | 5000 | WF.305.30.Z96.1 | 70184608125 | 5450248769231 |
| 355 | 3,2 / 2,4 | 30 | 60T | ATB | 4300 | WF.355.30.Z60.1 | 70184608126 | 5450248769248 |
| 355 | 3,2 / 2,4 | 30 | 80T | ATB | 4300 | WF.355.30.Z80.1 | 70184608127 | 5450248769255 |

# MITRE SAW

This durable range of mitre saw blades cut through wood and composite materials effortlessly, providing high levels of precision.



| | Product Name | Blade Diameter (mm) | Bore (mm) | No' of Teeth | Thickness (mm) | Teeth Design | RPM | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|---|
| RIPPING | WR.216.30.Z24.1 | 216 | 30 | 24T | 2,8 / 1,8 | ATB Neg | 7000 | 70184608056 | 5450248769514 |
| | WR.216.30.Z36.1 | 216 | 30 | 36T | 2,3 / 1,8 | ATB Neg | 7000 | 70184608057 | 5450248769521 |
| | WR.250.30.Z24.1 | 250 | 30 | 24T | 3,2 / 2,2 | ATB Neg | 6000 | 70184608065 | 5450248769606 |
| | WR.255.30.Z24.1 | 255 | 30 | 24T | 3,2 / 2,2 | ATB Neg | 6000 | 70184608067 | 5450248769620 |
| | WR.255.30.Z24.2 | 255 | 30/16 | 24T | 2,6 / 1,8 | ATB Neg | 6000 | 70184608068 | 5450248769637 |
| | WR.305.30.Z36.1 | 305 | 30 | 36T | 3,2 / 2,2 | ATB Neg | 5000 | 70184608072 | 5450248769675 |
| FINISHING | WF.160.20.Z48.3 | 160 | 20 | 48T | 2,6 / 1,6 | ATB Neg | 9500 | 70184608088 | 5450248768869 |
| | WF.190.30.Z48.2 | 190 | 30 | 48T | 2,8 / 1,8 | ATB Neg | 8000 | 70184608096 | 5450248768944 |
| | WF.216.30.Z40.1 | 216 | 30 | 40T | 2,8 / 1,8 | ATB Neg | 7000 | 70184608498 | 5450248774792 |
| | WF.216.30.Z48.1 | 216 | 30 | 48T | 2,8 / 1,8 | ATB Neg | 7000 | 70184608099 | 5450248768975 |
| | WF.254.30.Z48.1 | 254 | 30 | 48T | 2,8 / 1,8 | ATB Neg | 6000 | 70184608499 | 5450248774808 |
| | WF.255.30.Z60.2 | 255 | 30 | 60T | 3,2 / 2,2 | ATB Neg | 6000 | 70184608114 | 5450248769125 |
| | WF.260.30.Z48.1 | 260 | 30 | 48T | 2,6 / 1,8 | ATB Neg | 5800 | 70184608115 | 5450248769132 |
| | WF.260.30.Z60.1 | 260 | 30 | 60T | 2,6 / 1,8 | ATB Neg | 5800 | 70184608116 | 5450248769149 |
| | WF.305.30.Z60.1 | 305 | 30 | 60T | 3,2 / 2,2 | ATB Neg | 5000 | 70184608124 | 5450248769224 |

# REDUCTION RINGS

| Bore sizes (mm) | Description | Item No. |
|---|---|---|
| 20 to 16 | BAGUE/REDUCTION 20X16X2 | 510004702 |
| 30 to 15.88 | BAGUE/REDUCTION 30X15.8X1.8 | 510008339 |
| 30 to 16 | BAGUE/REDUCTION 30X16X1.6 | 510006938 |
| 30 to 20 | BAGUE/REDUCTION 30X20X1.4 | 510007983 |
| | BAGUE/REDUCTION 30X20X2.5 | 510007599 |
| 30 to 25.4 | BAGUE/REDUCTION 30X25.4X1.8 | 510003057 |
| | BAGUE/REDUCTION 30X25.4X2.2 | 510007566 |

# CORE PLANER BLADE BITS

Made with a high quality brazed carbide insert, these planer blades always deliver excellent cutting performance and the reversibility of the blade adds to its durability.



| Application | Length | Cut Type | Pack Quantity | Teeth Material | Item No. | EAN |
|---|---|---|---|---|---|---|
| Natural wood | 82mm | Extra clean cut | 2 | TCT | 70184608384 | 5450248772194 |

BLADES FOR

# MULTI-MATERIAL

## RELIABLE RESULTS NO MATTER THE MATERIAL



Specialised teeth and anti-recoil support allows the multi-material range of blades to cut through a vast array of material types with ease. Concerns about damaging the blade between processes are a thing of the past, as this range has been designed with cutting construction timbers, pallets, nails and non-ferrous metals in mind.

YouTube

How to use the new Carbide multi-material cutting disc ?






## ANGLE GRINDER BLADE

Fast cutting angle grinder blades with electroplated carbide teeth, a great choice for all types of wood (with or without nails), plastic, PVC, and plaster.

| Diameter (mm) | Bore (mm) | Application | Cut Type | Teeth Material | Pack Quantity | Item No. | EAN |
|---|---|---|---|---|---|---|---|
| 76 | 10 | Wood, plastic, PVC, plaster, wood with nails | Fast cut | Electroplated carbide | 1 | 70184608308 | 5450248771098 |
| 115 | 10 | Wood, plastic, PVC, plaster, wood with nails | Fast cut | Electroplated carbide | 1 | 70184608924 | 5450248783602 |
| 115 | 22,23 | Wood, plastic, PVC, plaster, wood with nails | Fast cut | Electroplated carbide | 15 1xDisplay | 70184631424 KIT | 5450248798804 |
| 125 | 22.23 | Wood, plastic, PVC, plaster, wood with nails | Fast cut | Electroplated carbide | 1 | 70184608309 | 5450248771104 |
| 125 | 22.23 | Wood, plastic, PVC, plaster, wood with nails | Fast cut | Electroplated carbide | 15 1xDisplay | 70184608723 KIT | 5450248779995 |

# CORE BITS

Norton Clipper hole saws/drill corebits work perfectly with aluminium, wood, plaster, copper, and brass materials




| Diameters available | Application | Pack Quantity | Item No. | EAN |
|---|---|---|---|---|
| BIM: 22 / 25 / 32 / 35 / 40 / 44 / 51 / 60 / 65 / 68 / 76 / 102 | Aluminium & ferrous metals | 12 + 2 Arbors | 70184608386 | 5450248772217 |

*1PC ARBOR 9.5mm (3/8") hex shank with 1pc HSS pilot drill + 1PC ARBOR 11mm (7/16") hew shank with 1pc HSS pilot drill

# RECIPROCATING SAW BLADES




Multi-material reciprocating saw blades offer the user super-fast cutting performance and are available in three different material types – TCT, BIM and BIM+. With this versatile range, you can cut an array of materials ranging from small bricks to reinforced plastic and pallets.

| Max Material height (mm) | Working Length (mm) | Overall Length (mm) | Cut Type | Teeth Material | TPI | Pack Quantity | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|---|
| For small bricks up to a material thickness of 150 mm (Poroton, Fibre cement,Porous concrete, Red brick) | 220 | 240 | Fast cut | Carbide | 2T | 2 | S1543HM | 70184608354 | 5450248771890 |
| For medium-sized bricks up to a material thickness of 215 mm (Poroton, Fibre cement,Porous concrete, Red brick) | 260 | 304 | Fast cut | Carbide | 2T | 1 | S 1243 HM | 70184608355 | 5450248771906 |
| For large bricks up to a material thickness of 365 mm (Poroton, Fibre cement, Porous concrete, Red brick ) | 415 | 455 | Fast cut | Carbide | 2T | 1 | S 2243 HM | 70184608356 | 5450248771913 |
| Pallet / metal sheet 5 - 175 mm aluminium profiles 3 - 12 mm | 208 | 228 | Straight & fast cut | BIM | 10T | 2 | S 1122 HF | 70184608357 | 5450248771920 |
| Wood with nails/metal,chipboards (10-250mm), aerated concrete(10-250mm), plastics/glass fibre reinforced plastics, profiles(5-60mm) | 280 | 300 | Curved + fast cut | BIM | 6T | 2 | S 1411 DF | 70184608358 | 5450248771937 |
| Pallet 10 - 100 mm plastic 8 - 50 mm | 208 | 228 | Fast cut | BIM | 6T | 2 | S 1111 DF | 70184608359 | 5450248771944 |
| Wood with nails/metal(5-100mm), sheet metal, pipes, aluminium profiles (3-12mm) pallets. | 132 | 152 | Fast cut | BIM | 10T | 2 | S 922 HF | 70184608364 | 5450248771999 |
| Heavy for Wood and Metal,milled Wood with nails/metal, wood, chipboard (<100 mm), glass fibre reinforced plastic/epoxy, solid (<100 mm), wall cut-outs: wood and metal (<100 mm) | 132 | 152 | Fast cut | BIM CO8% | 5-8T | 2 | S610VF | 70184608365 | 5450248772002 |
| Heavy for metal. Wood with nails/metal, wood, chipboard (<250 mm), glass fibre reinforced plastic/epoxy, solid (<250 mm), wall cutouts: wood and metal (<250 mm), for rescue/demolition work | 280 | 300 | Fast cut | BIM CO8% | 5-8T | 2 | S1210VF | 70184608366 | 5450248772019 |

# DEMOLITION CIRCULAR SAWS



This robust range of demolition circular saws is designed to power through a wide variety of different materials. These blades can also be professionally resharpened to extend their life.

| Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of Teeth | Teeth Design | RPM | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|
| 160 | 3,0 / 2,0 | 20 | 18T | Demolition | 9500 | MM.160.20.Z18.1 | 70184608128 | 5450248769736 |
| 190 | 3,0 / 2,0 | 30 | 20T | Demolition | 8000 | MM.190.30.Z20.1 | 70184608129 | 5450248769743 |
| 216 | 3,0 / 2,0 | 30 | 24T | Demolition | 7000 | MM.216.30.Z24.1 | 70184608130 | 5450248769750 |
| 230 | 3,0 / 2,0 | 30 | 24T | Demolition | 6500 | MM.230.30.Z24.1 | 70184608131 | 5450248769767 |

# DEMOLITION TABLE SAW



Demolition table saw blades that make light work of various materials including pallets and construction timbers.

| Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of Teeth | Teeth Design | RPM | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|
| 300 | 3,2 / 2,2 | 30 | 20T | Demolition | 5000 | MM.300.30.Z20.1 | 70184608132 | 5450248769774 |
| 315 | 3,2 / 2,2 | 30 | 20T | Demolition | 4800 | MM.315.30.Z20.1 | 70184608133 | 5450248769781 |
| 350 | 3,5 / 2,5 | 30 | 24T | Demolition | 4300 | MM.350.30.Z24.1 | 70184608134 | 5450248769798 |

# REDUCTION RINGS

| Bore sizes (mm) | Description | Item No. |
|---|---|---|
| 20 to 16 | BAGUE/REDUCTION 20X16X2 | 510004702 |
| 30 to 15.88 | BAGUE/REDUCTION 30X15.8X1.8 | 510008339 |
| 30 to 16 | BAGUE/REDUCTION 30X16X1.6 | 510006938 |
| 30 to 20 | BAGUE/REDUCTION 30X20X1.4 | 510007983 |
| | BAGUE/REDUCTION 30X20X2.5 | 510007599 |
| 30 to 25.4 | BAGUE/REDUCTION 30X25.4X1.8 | 510003057 |
| | BAGUE/REDUCTION 30X25.4X2.2 | 510007566 |

BLADES FOR

# VENEER & LAMINATES

## ACHIEVE A CHIP-FREE CLEAN CUT ON ALL LAMINATE AND VENEERED SURFACES

Norton Clipper's super sharp high quality carbide blades offer extreme durability and performance for the perfectly finished edge. Whether you need to cut melamine faced boards, plywood, laminated panels or sheets of HPL, we have a professional blade to suit.




## CIRCULAR SAW / TABLE SAW

The Triple Chip Grind (TCG) teeth on these circular saw blades make them the ideal choice for cutting veneer and laminate quickly and cleanly. These blades can also be professionally resharpened to extend their life.

| Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of Teeth | Teeth Design | RPM | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|
| 160 | 2,2 / 1,6 | 20 | 48T | TCG | 9500 | LA.160.20.Z48.1 | 70184608141 | 5450248769866 |
| 216 | 2,6 / 1,8 | 30 | 60T | TCG | 7000 | LA.216.30.Z60.1 | 70184608142 | 5450248769873 |
| 216 | 2,3 / 1,8 | 30 | 60T | TCG | 7000 | LA.216.30.Z60.2 | 70184608143 | 5450248769880 |
| 225 | 2,6 / 1,6 | 30 | 60T | TCG | 6500 | LA.225.30.Z60.1 | 70184608144 | 5450248769897 |
| 250 | 2,8 / 2 | 30 | 60T | TCG | 6000 | LA.250.30.Z60.1 | 70184608145 | 5450248769903 |
| 305 | 3,0 / 2,2 | 30 | 80T | TCG | 5000 | LA.305.30.Z80.1 | 70184608146 | 5450248769910 |

# JIGSAWS




The perfect jigsaw blade for cutting laminates and veneer with its sharp, straight, burr-free cutting performance with teeth sharpened to precision.

| Max Material height (mm) | Working Length (mm) | Overall Length (mm) | Cut (fine, fast, straight, curved) | TPI | Pack Quantity | Teeth Material | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|---|
| Laminates and laminated panels 1.5 - 15mm | 56 | 82 | Extra clean & straight cut | 14T | 3 | BIM | T 101 BIF | 70184608379 | 5450248772149 |

# REDUCTION RINGS

| Bore sizes (mm) | Description | Item No. |
|---|---|---|
| 20 to 16 | BAGUE/REDUCTION 20X16X2 | 510004702 |
| 30 to 15.88 | BAGUE/REDUCTION 30X15.8X1.8 | 510008339 |
| 30 to 16 | BAGUE/REDUCTION 30X16X1.6 | 510006938 |
| 30 to 20 | BAGUE/REDUCTION 30X20X1.4 | 510007983 |
| | BAGUE/REDUCTION 30X20X2.5 | 510007599 |
| 30 to 25.4 | BAGUE/REDUCTION 30X25.4X1.8 | 510003057 |
| | BAGUE/REDUCTION 30X25.4X2.2 | 510007566 |

BLADES FOR

# ALUMINIUM

## OUTSTANDING STRENGTH AND DURABILITY TO SLICE THROUGH ALUMINIUM

This is Norton Clipper's specialist range of blades suited to cutting aluminium, brass, and copper. A specialised high strength grade of carbide makes the teeth ultra-hardwearing and the negative hook angle keeps the blade cutting powerfully and sustainably time-after-time.

## JIGSAWS




Jigsaw blades for cutting aluminium metal.
A combination of corrugated and milled teeth and hardened steel blade make these blades perfect for clean, precise cutting.

| Product Name | Max Material height (mm) | Working Length (mm) | Overall Length (mm) | Cut Type | TPI | Pack Quantity | Teeth material | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|---|
| T 218 A | Thin sheet metals (1-3 mm), especially for curve cuts | 50 | 76 | Clean & curved cuts | 21T | 3 | HSS | 70184608380 | 5450248772156 |
| T 118 B | Medium-thick sheet metals (2.5-6 mm) | 50 | 76 | Clean & straight cuts | 12T | 3 | HSS | 70184608381 | 5450248772163 |
| T 127 D | Thin to thick sheet metals (3-15 mm), pipes and profiles, (diameter <30 mm) | 76 | 100 | Fast, clean & straight cut | 8T | 3 | HSS | 70184608382 | 5450248772170 |

# MITRE SAW / TABLE SAW




High quality mitre saw blades with TCG negative angled teeth specifically designed for cutting aluminium.

| Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of Teeth | Teeth Design | RPM | Product Name | Item No. | EAN |
|---|---|---|---|---|---|---|---|---|
| 190 | 2,6 / 1,8 | 30 | 60T | TCG Neg | 5000 | AL.190.30.Z60.1 | 70184608135 | 5450248769804 |
| 216 | 2,6 / 1,8 | 30 | 80T | TCG Neg | 4400 | AL.216.30.Z80.1 | 70184608136 | 5450248769811 |
| 240 | 2,8 / 2,0 | 30 | 80T | TCG Neg | 4000 | AL.230.30.Z80.1 | 70184608137 | 5450248769828 |
| 250 | 2,8 / 2,0 | 30 | 80T | TCG Neg | 3800 | AL.250.30.Z80.1 | 70184608138 | 5450248769835 |
| 255 | 3,0 / 2,2 | 30 | 80T | TCG Neg | 3800 | AL.255.30.Z80.1 | 70184608139 | 5450248769842 |
| 305 | 3,0 / 2,2 | 30 | 96T | TCG Neg | 3000 | AL.305.30.Z96.1 | 70184608140 | 5450248769859 |

# REDUCTION RINGS

| Bore sizes (mm) | Description | Item No. |
|---|---|---|
| 20 to 16 | BAGUE/REDUCTION 20X16X2 | 510004702 |
| 30 to 15.88 | BAGUE/REDUCTION 30X15.8X1.8 | 510008339 |
| 30 to 16 | BAGUE/REDUCTION 30X16X1.6 | 510006938 |
| 30 to 20 | BAGUE/REDUCTION 30X20X1.4 | 510007983 |
| | BAGUE/REDUCTION 30X20X2.5 | 510007599 |
| 30 to 25.4 | BAGUE/REDUCTION 30X25.4X1.8 | 510003057 |
| | BAGUE/REDUCTION 30X25.4X2.2 | 510007566 |

# TABLE SAW / MITRE SAW

## CWM 216/254

- **Heavy-duty motors** deliver impressive power and demonstrates excellent durability
- **Front bevel control** offering a range of 45° right to 45° left for precision cutting
- **Adjustable mitre detent plate** with nine positive detent stops ensure optimal cutting accuracy
- **True-Line Laser** keeps the operator in line at all times
- **Pivoting LED** work light keeps the cut illuminated, so the light always shines on the workpiece
- **In-line horizontal "D" grip handle** with two-position safety trigger is ideal for right or left handed users
- **Quick-action mitre detent lock with single-motion thumb lever** that releases or bypasses detent index points
- **Includes vertical vice, dust bag and blade wrench**




## STAND

- **Durable steel structure** that supports up to 130 kg
- **Compact folding design** for easy storage and portability
- **Telescoping** extends up to 2520mm for added support
- **Additional stand supports** provide convenient vertical storage
- **Mitre saw quick-release mounting brackets** allows easy and secure mounting of the mitre saw to stand
- **Heavy duty 200mm wheels** provide high level mobility to, from, and around the jobsite



YouTube
CWM 216/254

## PRODUCT DATA

| DESCRIPTION | CWM 216 | CWM 254 | STAND |
|---|---|---|---|
| Item No | 70184608463 | 70184608464 | 310538156 |
| EAN 13 Code | 5450248774204 | 5450248774211 | 5450248774198 |
| Supply voltage | 230 V 1 ~ 50 Hz | 230 V 1 ~ 50 Hz | - |
| Power | 1400 W | 1800 W | - |
| Rotation Speed (RPM) | 5000 | 4500 | - |
| Max blade x bore | 216 x 30 mm | 254 x 30 mm | - |
| Dimensions (L x W x H) | 800 x 600 x 450 mm | 970 x 600 x 450 mm | 1170 to 2520x530x820mm |
| Hand Arm Vibration | <2.5 m/s² | <2.5 m/s² | - |
| Sound Power/ Pressure Level | 89 dB(A) 100 dB(A) | 92 dB(A) 104 dB(A) | - |
| Weight | 16,8 kg | 20,5 kg | 19,5 kg |
| Mitre Range | 48° right to 48° left | 52° left to 60° right | |
| Bevel Range | 45°right to 45° left | 45°right to 45° left | |

## BLADE WITH MACHINE

| | | |
|---|---|---|
| Item No. | 70184608498 | 70184608499 |
| Dimensions | 216x2.8/1.8x30 | 254x3.2/2.2x30 |
| Product Name | Z40 WF.216.30. Z40.1 | Z48 WF.254.30. Z48.1 |




| MAX DEPTH X MAX LENGHT OF CUT | | MITRE CUT ANGLE | | |
|---|---|---|---|---|
| | | 45° LEFT | 0° | 45° RIGHT |
| BEVEL CUT ANGLE | 45° RIGHT | CWM 216: 18 x 215 mm<br>CWM 254: 25 x 215 mm | CWM 216: 18 x 305 mm<br>CWM 254: 25 x 305 mm | CWM 216: 18 x 215 mm<br>CWM 254: 25 x 215 mm |
| | 0° | CWM 216: 62 x 215 mm<br>CWM 254: 90 x 215 mm | CWM 216: 62 x 305 mm<br>CWM 254: 90 x 305 mm | CWM 216: 62 x 215 mm<br>CWM 254: 90 x 215 mm |
| | 45° LEFT | CWM 216: 30 x 215 mm<br>CWM 254: 40 x 215 mm | CWM 216: 30 x 305 mm<br>CWM 254: 40 x 305 mm | CWM 216: 30 x 215 mm<br>CWM 254: 40 x 215 mm |

# UNDERSTANDING OUR PRODUCT

## MITRE SAW, CIRCULAR SAW AND TABLE SAW

### FRONT OF PACK




**1** Material images

**2** Material family

**3** Product specification & machine compatibility

**4** Product window

### BACK OF PACK




**5** Other products in the range

**6** Safety information

**7** Recycling information

**8** Head office & web address

### FRONT OF BLADE




**1** Surface(s) of application

**2** Stage of application

**3** Dimensions/RPM

**4** Product specification

**5** Safety pictos

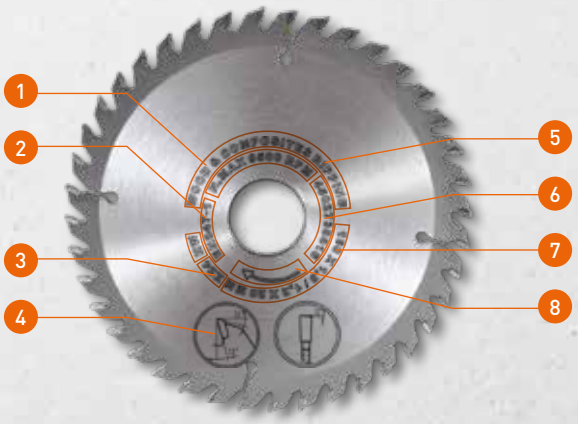
**6** Suitable materials

**7** Article number

**8** Machine usage

**9** Directional arrow

### BACK OF BLADE




**1** Application

**2** EN Normn

**3** Product specification

**4** Resharpening data

**5** Suitable materials

**6** Article number

**7** Machine usage

**8** Directional arrow

# RECIPROCATING SAW/JIGSAW

FRONT OF PACK

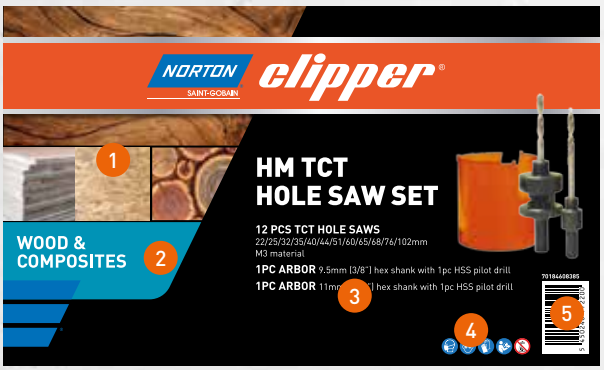
BACK OF PACK

BLADE




1 Material images
2 Material family
3 Product specification & machine compatibility
4 Product window
5 Other products in the range
6 Safety information
7 Recycling information
8 Head office & web address

# HOLE SAWS




1 Material images
2 Material family
3 Product specification
4 Safety information
5 Article number



## ANGLE GRINDER




**1** Material images

**2** Material family

**3** Product specification & machine compatibility

**4** Safety & recycling information

**5** Head office & web address

**6** Article number

## PLANER BLADE

FRONT OF PACK




BACK OF PACK




**1** Material images

**2** Material family

**3** Product specification & machine compatibility

**4** Product window

**5** Safety information

**6** Recycling information

**7** Head office & web address

**8** Article number



# UNDERSTANDING OUR PICTOS

All our products feature key pictograms on the product to ensure that, even when the packaging is gone and these products are a firm favourite in your tool store, you can still be sure when to use each item.

## MACHINES:



Mitre Saw | Circular Saw | Table Saw | Reciprocating | Jigsaw | Planer

## TEETH DESIGN (CIRCULAR, TABLE AND MITRE SAWS)




## TOOTH MATERIALS (JIGSAW/RECIPROCATING SAW)




## CUT TYPES (JIGSAW/ RECIPROCATING SAWS)



# AT A GLANCE PACKAGING DESIGN

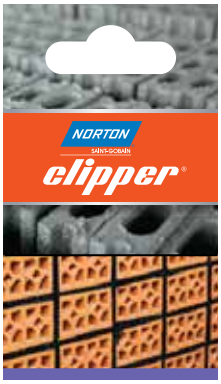
With application colour codes, material imagery and helpful pictograms, finding the right blade for the job couldn't be easier.

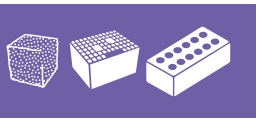
Here at Norton Clipper we have worked hard to ensure our packaging is as clear, concise and instantly recognisable so that the end user can quickly and easily identify the perfect product for their needs.




## Multi-materials

Poroton, honeycomb bricks, aerated concrete



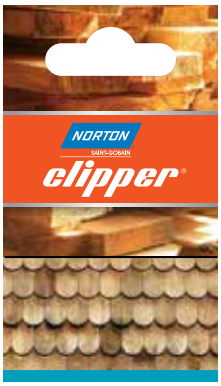
Hardwood aluminium & metal






## Wood & Composites

Soft wood and building wood



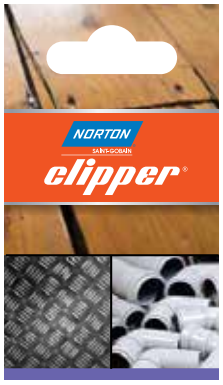



Hard wood and branches



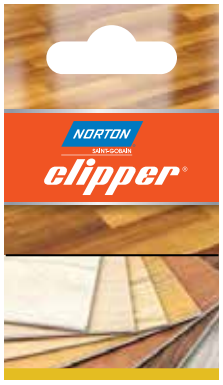


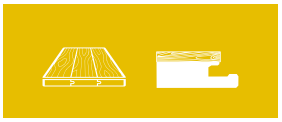

Metal, wood with nails and plastics etc.






## Veneer & Laminates



## Aluminium

Aluminium & ferrous metal



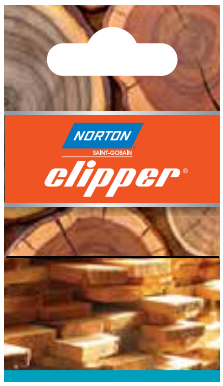



Aluminium



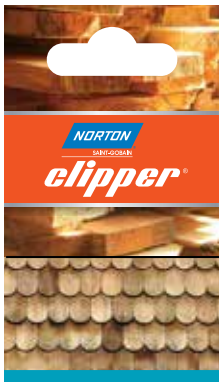



Natural wood






Thick and thin wood






Soft wood and composites






Hard wood and composites






# OUR 4-STEP GUIDE TO CHOOSING THE RIGHT BLADE

## 1. Identify the material being cut?

From this you will know which of the colour coded catalogue sections contains your ideal product

**Example: Natural Wood**

| WOOD & COMPOSITES | MULTI-MATERIALS | VENEERS & LAMINATES | ALUMINIUM |
|---|---|---|---|

## 2. Which machine will the product be fitted to?

All our product information is grouped together by machine type

**Example: Circular Saw**

### CIRCULAR SAW / TABLE SAW

Reliable and hard wearing, this range of circular saw blades is optimised for all kinds of hardwood, softwood and composite materials. These blades can also be professionally resharpened to extend their life.

## 3. Which size product is required?

Every product line is listed alongside key specification data

**Example: 165mm diameter with 20mm bore**

| Item NO. | Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of teeth | Teeth Design | RPM |
|---|---|---|---|---|---|---|
| WF.160.20.Z60.1 | 160 | 2,2 / 1,6 | 20 | 60T | ATB | 9500 |
| WF.165.20.Z48.1 | 165 | 2,6 / 1,6 | 20 | 48T | ATB | 9500 |
| WF.165.20.Z64.1 | 165 | 2,6 / 1,6 | 20 | 64T | ATB | 9500 |

## 4. Which type of cut do you need to achieve?

A variety of cut types are available such as Ripping and Finishing.

**Example: Finishing**

| Item NO. | Blade Diameter (mm) | Thickness (mm) | Bore (mm) | No' of teeth | Teeth Design | RPM |
|---|---|---|---|---|---|---|
| WF.165.20.Z48.1 | 165 | 2,6 / 1,6 | 20 | 48T | ATB | 9500 |
| WF.165.20.Z64.1 | 165 | 2,6 / 1,6 | 20 | 64T | ATB | 9500 |



**WF.165.20.Z48.1**

**WF** - Wood Finishing*
**165** - Diameter
**20** - 20mm bore
**Z48** - 48 teeth
**1** - Range count

*Material Abbreviations

**WR** - Wood Ripping
**WF** - Wood Finishing
**MM** - Multi Materials
**AL** - Aluminium
**LA** - Laminates

NORTON SAINT-GOBAIN clipper®

# TILE SAWS

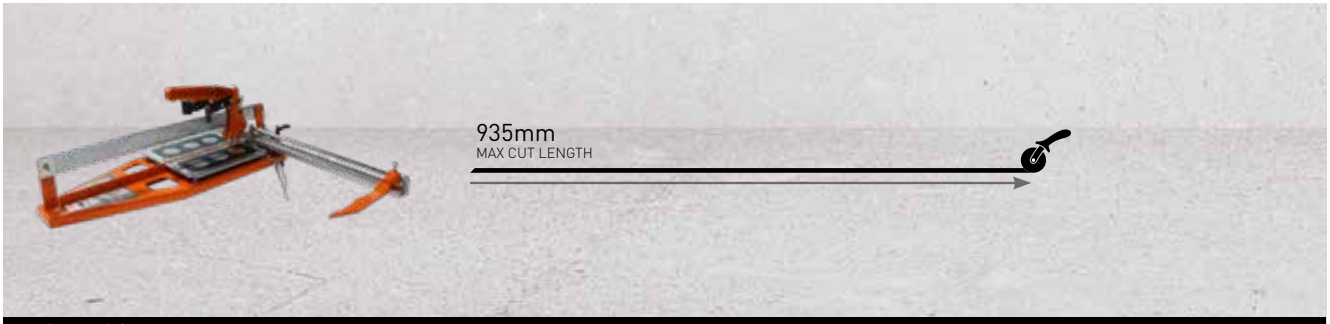
Norton Clipper tile saws are designed for a wide variety of ceramic tiles.
For the best results, combine them with a Norton Clipper diamond blade.



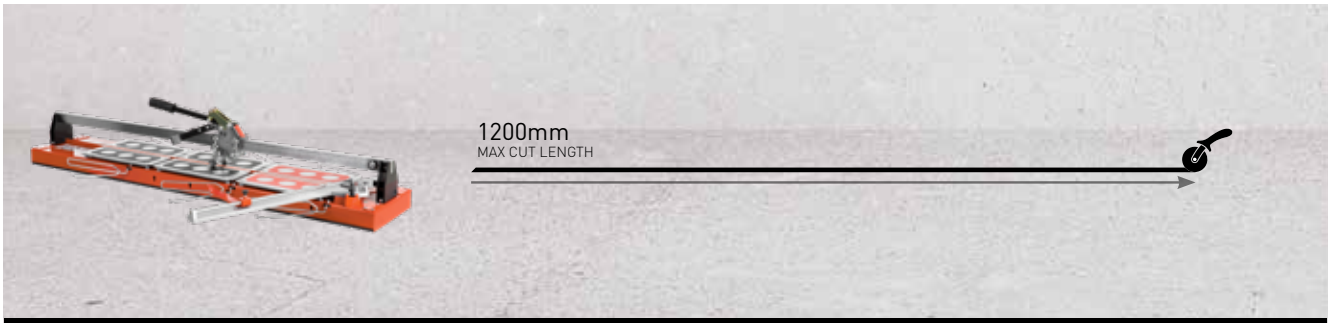
## NEW MANUAL TILE CUTTERS




CTM 640




CTM 935




CTM 1200

## TILE TABLE SAW




TT180 BM 550w




TT200 EM 800w




TT251 1000w

# TILE RAIL SAW



650mm
MAX CUT LENGTH

Ø200 mm

TR202

900W



860mm
MAX CUT LENGTH

Ø230 mm

TR232 S

1100W



1200mm
MAX CUT LENGTH

Ø230 mm

TR232 L

1100W



1200mm
MAX CUT LENGTH

Ø250 mm

TR252

1500W

# NEW CTM

## CTM 640 & CTM935

- Precise 38x8 mm monorail guide
- Adjustable 0-45° angle stop
- Specially designed for straight and diagonal cutting
- Features a Tungsten Carbide cutting wheel that is ideal for porcelain and stoneware
- Lateral extension arms for large format spring steel plates
- Recesses in the base plate make the cutter lightweight



## CTM 1200

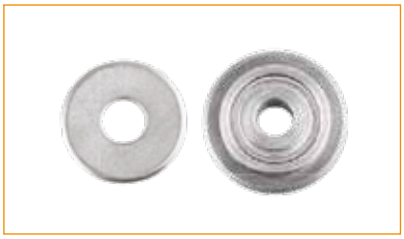
- Robust and precise guide rail 15 x 40 mm
- Powder-coated, reinforced base plate
- Double crushing device for normal and diagonal cuts (0-45°)
- Featuring Tungsten Carbide wheels, ideal for cutting porcelain tiles and stoneware
- Spring-loaded support surface on both sides allowing better stability during use
- Lateral extension arms to accommodate large format panels
- Specially designed base plate for optimal weight distribution



| PRODUCT DATA | CTM 640 | CTM 935 | CTM 1200 |
|---|---|---|---|
| Item No | 70184607906 | 70184607907 | 70184607908 |
| EAN 13 Code | 5450248765790 | 5450248765806 | 5450248765813 |
| Max. cutting length (mm) | 640 | 935 | 1200 |
| Max. diagonal cut tile (mm) | 450 x 450 | 660 x 660 | 840 x 840 |
| Cutting thickness min - max(mm) | 3 - 20 | 3 - 20 | 3 - 23 |
| Weight (kg) | 11,40 | 14,25 | 30,95 |

## ACCESSORIES INCLUDED / CONSUMABLE

| | ITEM NO. | EAN 13 CODE |
|---|---|---|
| Scoring wheel CTM 640 - CTM 935 (ø18mm) | 310534515 | 5450248770299 |
| Scoring wheel CTM 1200 (ø22mm) | 310534533 | 5450248770374 |



Scoring wheel



# TT180 BM

- Removable plastic water tray for easy cleaning after use.
- 0° to 45° tilting table helps the operator achieve the perfect mitre cut.
- The lightweight construction and hardwearing accompanying case, makes this tile saw protected, easy to move, handle and store.
- Ø 180mm Classic Ceramic supplied with every TT180 BM.




Ø180 mm

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184625699 |
| EAN | 5450248347354 |

550w 230v

| | |
|---|---|
| Supply Voltage | 230V 1~ |
| Power | 550W (0,75 hp) |
| Fuse/Generator | 16A / 2 kVA |
| Blade x bore | Ø 180 x 25,4mm |
| Dimensions (LxWxH) | 440 x 390 x 230mm |
| Packaging size | 480 x 460 x 240mm |
| Weight | 14kg |

| | |
|---|---|
| Tilting table | 0 - 45° |
| Max. cutting depth at 90° / at 45° | 12mm / 8mm |
| Max. cutting length | - |
| Table size | 395 x 385mm |
| Tool speed RPM | 2990 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 80 dB (A) / 72 dB (A) |

## PRODUCT FEATURES


EASY TRANSPORTATION


REMOVABLE PLASTIC WATER TRAY


LIGHT & COMPACT



SUITCASE

## DIAMOND BLADE WITH MACHINE **FOR TT180 BM**




| | |
|---|---|
| Substrate / Material | CERAMIC |
| Recommended Product | **CLASSIC CERAMIC** |
| Blade x bore | 180 x 25,4mm |
| Item No. | 70184626828 |
| Page reference | 60 |

# TT200 EM

- 0° to 45° tilting table helps the operator achieve the perfect mitre cut.
- A powerful 800W motor and precise locking cutting guide, delivers a fast and accurate cut.
- Delivered in a strong plastic case to help protect, store and transport the machine.
- Ø 200mm Classic Ceramic Diamond Blade supplied with every TT200 EM.




## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184625701 |
| EAN | 5450248347361 |

800w 230v

| | |
|---|---|
| Supply Voltage | 230V 1~ |
| Power | 800W (1,1 hp) |
| Fuse/Generator | 16A / 2 kVA |
| Blade x bore | Ø 200 x 25,4mm |
| Dimensions (LxWxH) | 510 x 400 x 230mm |
| Packaging size | 560 x 500 x 270mm |
| Weight | 12kg |

| | |
|---|---|
| Tilting table | 0 - 45° |
| Max. cutting depth at 90° / at 45° | 12mm / 8mm |
| Max. cutting length | - |
| Table size | 460 x 360mm |
| Tool speed RPM | 2950 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 80 dB (A) / 72 dB (A) |

## PRODUCT FEATURES


TRANSPORT HANDLE


TILTING TABLE (0° TO 45°)


LOCKING CUTTING GUIDE



SUITCASE

## DIAMOND BLADE WITH MACHINE **FOR TT200 EM**




| | |
|---|---|
| Substrate / Material | CERAMIC |
| Recommended Product | **CLASSIC CERAMIC** |
| Blade x bore | 200 x 25,4mm |
| Item No. | 70184626829 |
| Page reference | 60 |

# TT251

- The 1000W motor delivers powerful performance.
- Stainless steel 0° to 45° tilting table is robust, hardwearing, and helps the operator achieve the perfect mitre cut every time.
- Removable water tank speeds up blade changes and makes cleaning up after use easy.
- Ø 250mm Classic Ceramic supplied with every TT251.




## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184602662 |
| EAN | 5450248735700 |

1000w 230v

| | |
|---|---|
| Supply Voltage | 230V 1~ |
| Power | 1000W (1,4 hp) |
| Fuse/Generator | 16A / 3 kVA |
| Blade x bore | Ø 250 x 25,4mm |
| Dimensions (LxWxH) | 620 x 600 x 355mm |
| Packaging size | 690 x 610 x 420mm |
| Weight | 26kg |

| | |
|---|---|
| Tilting table | 0 - 45° |
| Max. cutting depth at 90° / at 45° | 12mm / 8mm |
| Max. cutting length | - |
| Table size | 560 x 500mm |
| Tool speed RPM | 2950 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 79 dB (A) / 71 dB (A) |

## PRODUCT FEATURES



TILTING STAINLESS STEEL TABLE TOP. POSSIBILITY FOR BEVEL CUTS 0-45°



GALVANISED AND REMOVABLE WATERPAN. EASY BLADE MOUNTING



LOCKABLE CUTTING GUIDE ON BOTH SIDES



HANDLES FOR TRANSPORTATION

## DIAMOND BLADE WITH MACHINE **FOR TT251**




| | |
|---|---|
| Substrate / Material | CERAMIC |
| Recommended Product | **CLASSIC CERAMIC** |
| Blade x bore | 250 x 25,4mm |
| Item No. | 70184626831 |
| Page reference | 60 |

# TR202

- Professional machine with a powerful 900W motor, for fast and effective cutting performance.
- Heavy duty rail and tilting cutting head is ideal for cutting long tiles and for making precise cuts.
- The machine is easily stored and manoeuvred with the incorporated folding legs and transport wheels.
- Removable plastic water tray and drain plug makes cleaning and draining after use, hassle-free.
- Ø 200mm Extreme Ceramic Turbo Diamond Blade supplied with every TR202.




YouTube
TR202

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184601106 |
| EAN | 5450248699521 |

900w 230v

| | |
|---|---|
| Supply Voltage | 230V 1~ |
| Power | 900W (1,2 hp) |
| Fuse/Generator | 16A / 3 kVA |
| Blade x bore | Ø 200 x 25,4mm |
| Dimensions (LxWxH) | 930 x 470 x 1200mm |
| Packaging size | 1020 x 490 x 465mm |
| Weight | 35kg |

| | |
|---|---|
| Tilting head | 0 - 45° |
| Max. cutting depth at 90° / at 45° | 15mm / 10mm |
| Max. cutting length | 650mm |
| Table size | 810 x 470mm |
| Tool speed RPM | 2950 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 80 dB (A) / 72 dB (A) |




## PRODUCT FEATURES


TILTING HEAD (0 TO 45°)


REMOVABLE WATER TRAY


TRANSPORT WHEELS


CUTTING GUIDE

## DIAMOND BLADE WITH MACHINE **FOR TR202**




| | |
|---|---|
| Substrate / Material | CERAMIC |
| Recommended Product | **EXTREME CERAMIC TURBO** |
| Blade x bore | 200 x 25,4mm |
| Item No. | 70184625427 |
| Page reference | 58 |



www.youtube.com/NortonAbrasivesEMEA

# TR232 S




- Heavy duty guiding rail and tilting head facilitates precise cuts.
- Built-in side extension accommodates large or wide materials.
- Foldable handles, legs & transport wheels make moving and storing the machine simple.
- The cutting table is easy to remove, which provides easy access to the water tray when cleaning.
- Ø 230mm Extreme Ceramic Turbo Diamond Blade supplied with every TR232 S.

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184601110 |
| EAN | 5450248699569 |

1100w 230v

| | |
|---|---|
| Supply Voltage / Power | 230V 1~ / 1,1kW |
| Fuse/Generator | 16A / 3 kVA |
| Blade x bore | Ø 230 x 25,4mm |
| Dimensions (LxWxH) | 1560 x 600 x 1175mm |
| Tilting head | 0 - 45° |
| Weight | 61kg |

| | |
|---|---|
| Max. cutting depth at 90° / at 45° | 15mm / 10mm |
| Max. cutting length | 860mm |
| Table size | 860 x 565mm |
| Tool speed RPM | 2950 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 71 dB (A) / 79 dB (A) |




## PRODUCT FEATURES



CUTTING GUIDE WITH ANGULAR SETTING



TILTING HEAD (0 TO 45°)

## DIAMOND BLADE WITH MACHINE **FOR TR232 S**




| | |
|---|---|
| Substrate / Material | CERAMIC |
| Recommended Product | **EXTREME CERAMIC TURBO** |
| Blade x bore | 230 x 25,4mm |
| Item No. | 70184627653 |
| Page reference | 58 |

# TR232 L

- Heavy duty guiding rail and tilting head facilitates precise cuts.
- Built-in side extension accommodates large or wide materials.
- Foldable handles, legs & transport wheels make moving and storing the machine simple.
- The cutting table is easy to remove, which provides easy access to the water tray when cleaning.
- Rubber coated table + clamps keep the cutting material steady and secure.
- Ø 230mm Extreme Ceramic Turbo Diamond Blade supplied with every TR232 L.




YouTube
TR 232 L

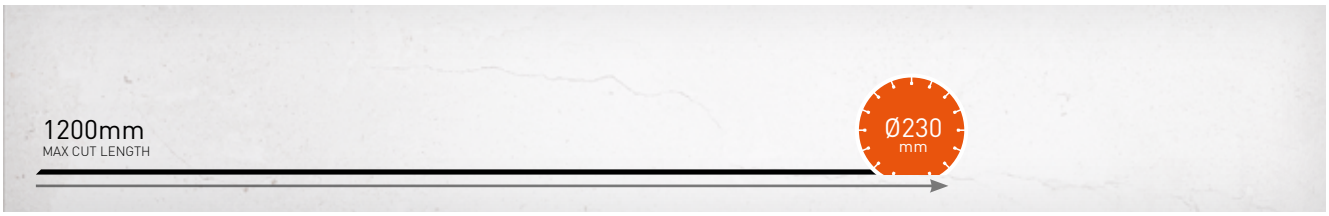
## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184601103 |
| EAN | 5450248699491 |

1100w 230v

| | |
|---|---|
| Supply Voltage / Power | 230V 1~ / 1,1kW |
| Fuse/Generator | 16A / 3 kVA |
| Blade x bore | Ø 230 x 25,4mm |
| Dimensions (LxWxH) | 1860 x 600 x 1175mm |
| Tilting head | 0 - 45° |
| Weight | 72kg |

| | |
|---|---|
| Max. cutting depth at 90° / at 45° | 15mm / 10mm |
| Max. cutting length | 1200mm |
| Table size | 1200 x 565mm |
| Tool speed RPM | 2950 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 71 dB (A) / 79 dB (A) |




## PRODUCT FEATURES



ADJUSTABLE CLAMPS FOR FIXING THE TILES



ANGULAR CUTTING GUIDE / RUBBER-COVERED TABLE

## DIAMOND BLADE WITH MACHINE **FOR TR232 L**




| | |
|---|---|
| Substrate / Material | CERAMIC |
| Recommended Product | **EXTREME CERAMIC TURBO** |
| Blade x bore | 230 x 25,4mm |
| Item No. | 70184627653 |
| Page reference | 58 |



www.youtube.com/NortonAbrasivesEMEA

# TR252



- Heavy duty guiding rail and tilting head facilitates precise cuts even on very long tiles and hard materials.
- Plunging head allowing step cutting on hard materials.
- Built-in side extension accommodates large or wide materials.
- Foldable handles, legs & transport wheels make moving and storing the machine simple.
- The cutting table is easy to remove, which provides easy access to the water tray when cleaning.
- Rubber coated table + clamps keep the cutting material steady and secure.
- Ø 250mm Extreme Ceramic Turbo Diamond Blade supplied with every TR252.
- Powerful 1500W motor for better performances on hard tiles.

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184694289 |
| EAN | 5450248596592 |

1500w 230v

| | |
|---|---|
| Supply Voltage / Power | 230V 1~ / 1500W |
| Fuse/Generator | 16A / 3 kVA |
| Blade x bore | Ø 250 x 25,4mm |
| Dimensions (LxWxH) | 1860 x 600 x 1170mm |
| Tilting head | 0 - 45° |
| Weight | 75kg |

| | |
|---|---|
| Max. cutting depth at 90° / at 45° | 15mm / 10mm |
| Max. cutting length | 1200mm |
| Table size | 1200 x 565mm |
| Tool speed RPM | 2950 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 87 dB (A) / 73 dB (A) |




## PRODUCT FEATURES



PLUNGING CUTTING HEAD



CUTTING GUIDE INCLUDED

## DIAMOND BLADE WITH MACHINE **FOR TR252**




| | |
|---|---|
| Substrate / Material | CERAMIC |
| Recommended Product | **EXTREME CERAMIC TURBO** |
| Blade x bore | 250 x 25,4mm |
| Item No. | 70184625428 |
| Page reference | 58 |

# TILE SAW SPARE PARTS & ACCESSORIES







## TR202

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 1 - Flange Kit + nut | 510100630 | 5450248549758 |
| Switch 230V | 310479885 | 5450248705918 |
| 2 - Water pump 230V | 310365204 | 5450248411291 |

## TR232 S & TR232 L

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Flange kit + nut | 510100973 | 5450248550259 |
| Switch 230V | 310340138 | 5450248511311 |
| 2 - Water pump 230V | 310365204 | 5450248411291 |

NORTON SAINT-GOBAIN clipper®

# MASONRY SAWS

Inventors of the first masonry saw over 80 years ago, Norton Clipper today offers a full range of machines with blade diameters of 350mm up to 1000mm, with electric motors or petrol engines for all construction and industrial work sites. Use with Norton Clipper diamond blades for optimal results.





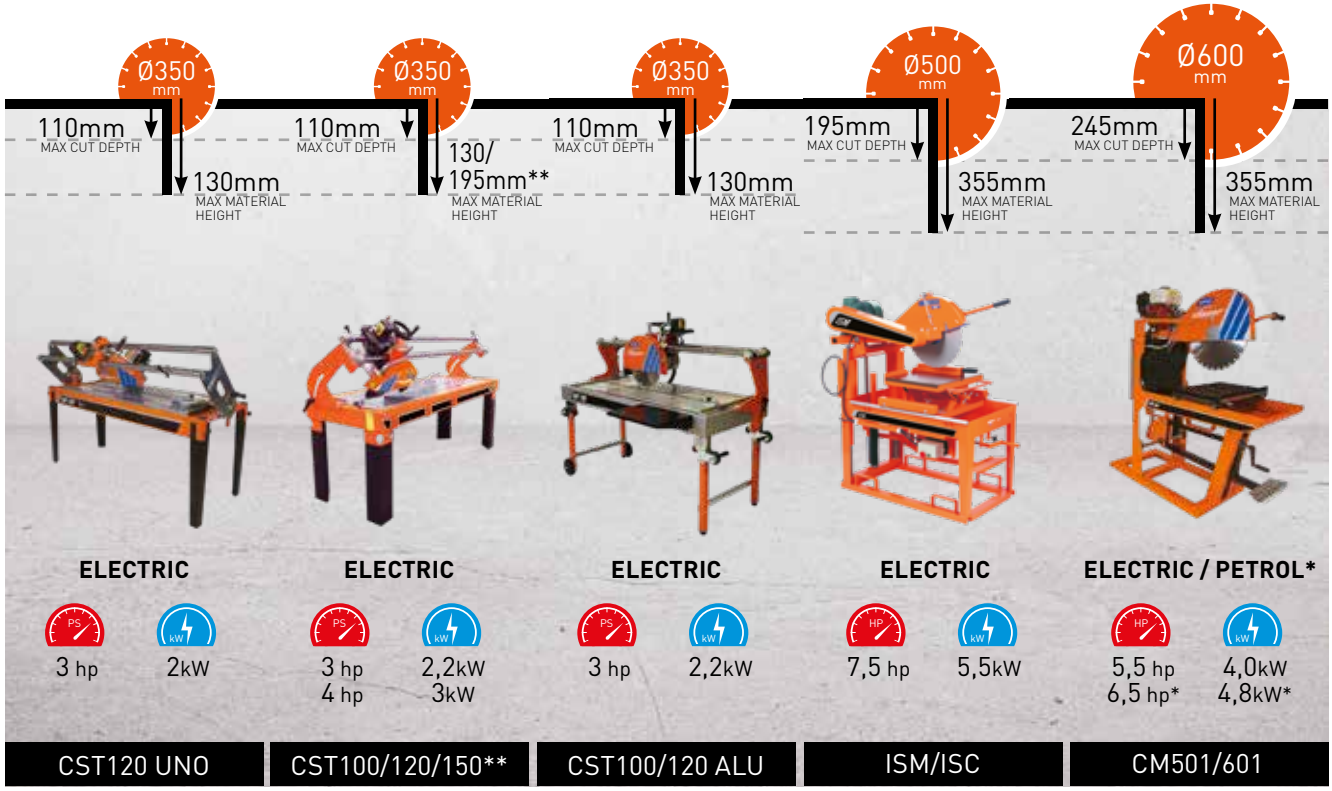

# MASONRY SAWS

| CPS 41 | CM35 MINI CLIPPER | CGW | CM352 |
|---|---|---|---|
| 110 mm MAX CUT DEPTH<br>110 mm MAX MATERIAL HEIGHT | Ø350 mm<br>110mm MAX CUT DEPTH<br>180mm MAX MATERIAL HEIGHT | Ø350 mm<br>110mm MAX CUT DEPTH<br>150mm MAX MATERIAL HEIGHT | Ø350 mm<br>110mm MAX CUT DEPTH<br>150mm MAX MATERIAL HEIGHT |
| | ELECTRIC<br>3 hp<br>2,2kW | ELECTRIC<br>3 hp<br>2,2kW | ELECTRIC<br>3 hp<br>2,2kW |

# MASONRY SAWS

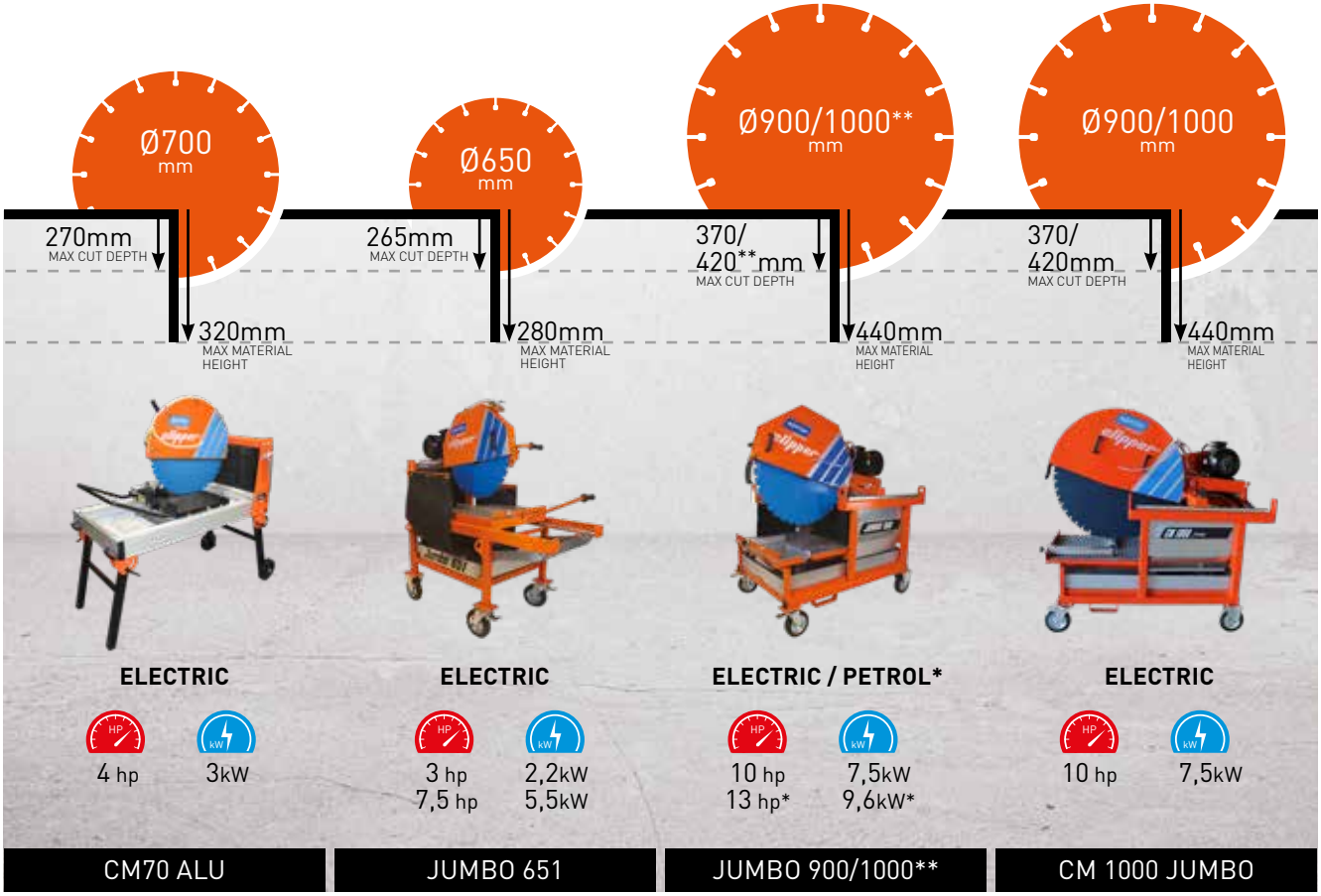



| CM42 | CM400 JUNIOR | CM401 | CM450 JUNIOR |
|---|---|---|---|



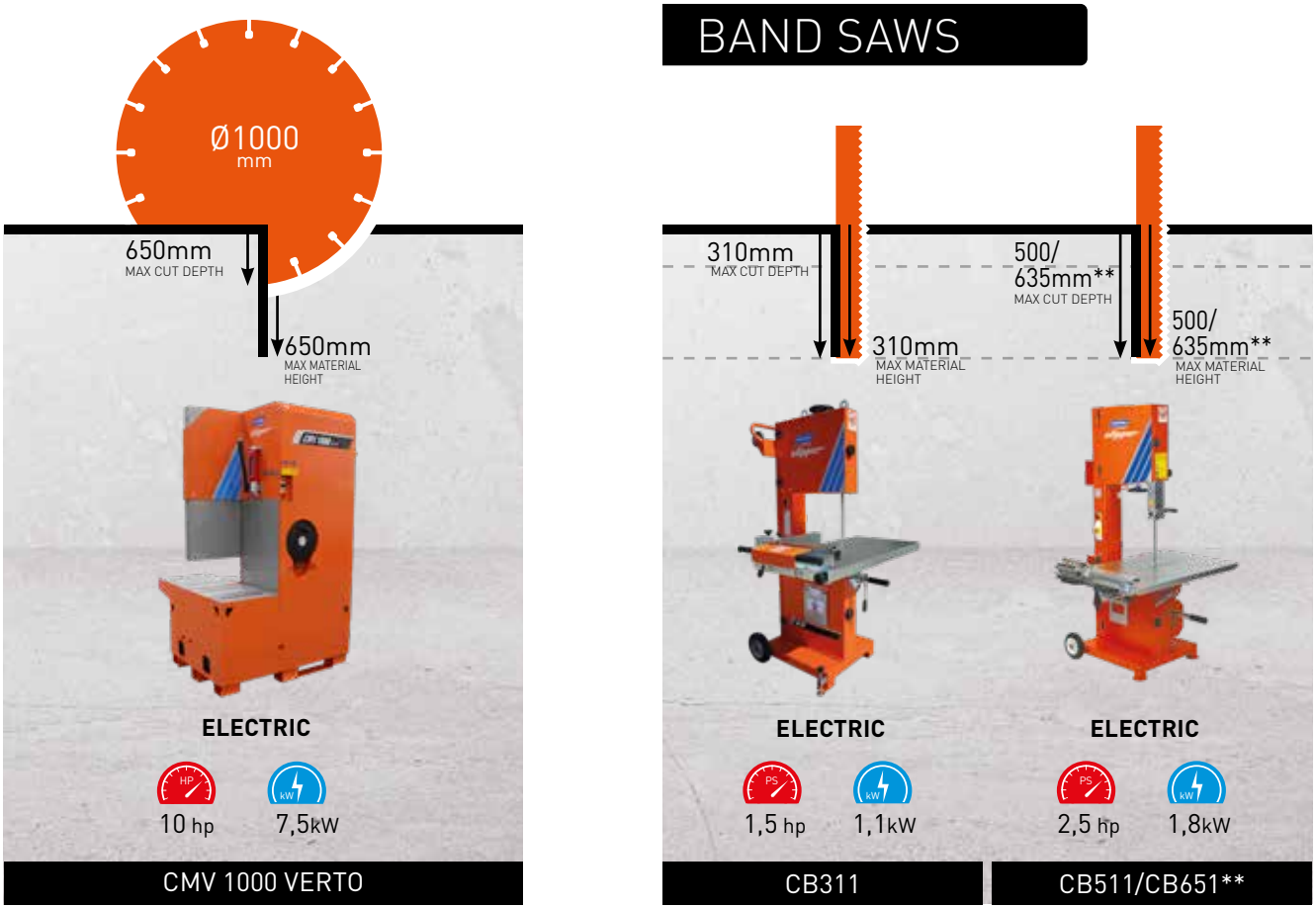

| CST120 UNO | CST100/120/150** | CST100/120 ALU | ISM/ISC | CM501/601 |
|---|---|---|---|---|

# MASONRY SAWS




| CM70 ALU | JUMBO 651 | JUMBO 900/1000** | CM 1000 JUMBO |
|---|---|---|---|
| ELECTRIC | ELECTRIC | ELECTRIC / PETROL* | ELECTRIC |
| 4 hp / 3kW | 3 hp / 7,5 hp / 2,2kW / 5,5kW | 10 hp / 13 hp* / 7,5kW / 9,6kW* | 10 hp / 7,5kW |

# BAND SAWS




| CMV 1000 VERTO | CB311 | CB511/CB651** |
|---|---|---|
| ELECTRIC | ELECTRIC | ELECTRIC |
| 10 hp / 7,5kW | 1,5 hp / 1,1kW | 2,5 hp / 1,8kW |




# CPS41

## FEATURES & BENEFITS

- Adjustable cutting height from 50 up to 110mm
- Handle and transport wheels for easy transportation on the work site
- Equipped with a hardened steel blade for a longer life

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184608013 |
| EAN | 5450248768241 |

| | |
|---|---|
| Weight | 42 kg |
| Min. Cutting width | 30 mm |
| Max. Cutting width | 410 mm |
| Min. Cutting height | 50 mm |

| | |
|---|---|
| Min. Cutting height | 110 mm |
| Dimensions (W x D x H) | 580 x 120 x 820 mm |

## PRODUCT FEATURES




ADJUSTABLE CUTTING DEPTH



TRANSPORT WHEELS AS STANDARD

# CM35 MINI CLIPPER

- Ergonomically designed to fit into small spaces.
- Pendular cutting head that allows efficient step cutting and a longer blade life.
- Dust extraction port facilitates a cleaner cutting process, making it ideal for indoor working.
- Adjustable legs make the machine more stable and improves operator comfort.




YouTube
CM35

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184603115 |
| EAN | 5450248750666 |

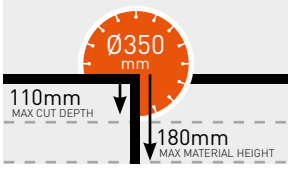
3 hp | 2,2kW | 230V

| | |
|---|---|
| Supply Voltage/ Power | 230V 1~ / 2,2kW |
| Blade x bore | Ø 350 x 25,4mm |
| Tool speed RPM | 2800 $min^{-1}$ |
| Dimensions (LxWxH) | 730 x 286 x 282mm |
| Weight | 40kg |
| Max. cutting depth | 110mm |
| Max. cutting length | 340mm |
| Max. material height | 180mm |

**Clipper's Tip**

For dry use, connect CM35 Mini Clipper to a CV360 or CV402 dust extractor - see pages 214 and 215.

## PRODUCT FEATURES



MAX CUT DEPTH


ERGONOMIC AND COMPACT MACHINE


PENDULAR CUTTING HEAD


DUST EXTRACTION PORT ø 40mm

## DIAMOND BLADE RECOMMENDATIONS **FOR CM35** Mini Clipper






| Substrate / Material | UNIVERSAL | SILENCIO | UNIVERSAL | NATURAL STONE |
|---|---|---|---|---|
| Recommended Product | **EXTREME UNIVERSAL LASER** | **EXTREME UNIVERSAL SILENCIO** | **EXTREME UNIVERSAL TURBO** | **EXTREME GRANITE** |
| Diameter x bore | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm |
| Item No. | 70184612283 | 70184628998 | 70184611561 | 70184603311 |
| Page reference | 43 | 42 | 40 | 62 |




# CGW

- Variable cutting guide and cutting head locking device enables angular cutting without any additional tools.
- The blade guard provides additional protection to the user and the removable cover allows easy access to change the blade.
- Electrical water pump is protected from slurries, which reduces overall maintenance time.

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184629851 |
| EAN | 5450248407393 |

| | |
|---|---|
| Supply Voltage/ Power | 230V 1~ / 2,2kW |
| Fuse/Generator | 16A / 6 kVA |
| Blade x bore | Ø 350 x 25,4mm |
| Tool speed RPM | 2800 $min^{-1}$ |
| Dimensions (LxWxH) | 980 x 600 x 1250mm |
| Dimensions (folded legs) | 980 x 600 x 550mm |
| Weight | 66kg |

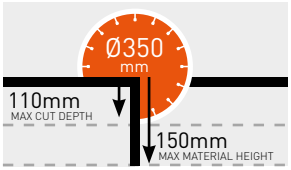
| | |
|---|---|
| Tilting head | No |
| Max. cutting depth | 110mm |
| Max. cutting length | 500mm |
| Max. material height | 150mm |
| Table size | 440 x 340mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 92 dB (A) / 80 dB (A) |

HP 3 hp

kW 2,2kW

Volts 230V

## PRODUCT FEATURES



MAX CUT DEPTH


COMPENSATION SPRING


VARIABLE CUTTING GUIDE


SPLASH GUARD

## DIAMOND BLADE RECOMMENDATIONS **FOR CGW**



| Substrate / Material | BETON | SILENCIO | UNIVERSAL | NATURAL STONE | ALL MATERIALS |
|---|---|---|---|---|---|
| Recommended Product | **PRO BETON** | **EXTREME UNIVERSAL SILENCIO** | **EXTREME UNIVERSAL** | **EXTREME GRANITE** | **PRO 4X4 EXPLORER** |
| Diameter x bore | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm |
| Item No. | 70184627061 | 70184628998 | 70184612283 | 70184603311 | 70184602093 |
| Page reference | 35 | 42 | 43 | 62 | 54 |

# CM352

- Adjustable depth stop on the tilting head allows a 45° bevel cut, with an embedded slot in the conveyor cart. Step cutting and full-depth cutting are possible in both 90° and 45° head position also.
- Extra large 600 x 600mm conveyor cart with anti-slip rubber surface and tilted wheels, which makes the cutting material more stable. The more stable the workpiece, the easier the cut.
- Removable water tray adds to the ease of cleaning after use.
- Folding legs and transport wheels for an easy transportation.
- Machine delivered with a Pro Universal Laser Ø350mm diamond blade.




## PRODUCT DATA

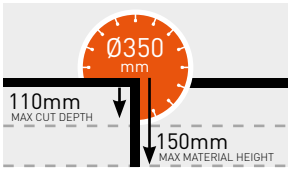
| | |
|---|---|
| Item No. | 70184607386 |
| EAN | 5450248757603 |

3 hp | 2,2kW | 230V

| | |
|---|---|
| Supply Voltage/ Power | 230V 1~ / 2,2kW |
| Fuse/Generator | 16A / 6 kVA |
| Blade x bore | Ø 350 x 25,4mm |
| Tool speed RPM | 2800 $min^{-1}$ |
| Dimensions (LxWxH) | 1146 x 815 x 1270mm |
| Dimensions (folded legs) | 1146 x 725 x 639mm |
| Weight | 69kg |

| | |
|---|---|
| Tilting head | 0 or 45° |
| Max. cutting depth | 110mm |
| Max. cutting length | 700mm |
| Max. material height | 150mm |
| Table size | 600 x 600mm |
| Hand Arm Vibrations | 2,2 $m/s^2$ |
| Sound power / pressure level | 87 dB (A) / 73 dB (A) |

## PRODUCT FEATURES



MAX CUT DEPTH


TILTING HEAD & WIDE CONVEYOR


REMOVABLE WATER TRAY


EASY TRANSPORT

## DIAMOND BLADE RECOMMENDATIONS **FOR CM352**



| Substrate / Material | BETON | SILENCIO | UNIVERSAL | NATURAL STONE | ALL MATERIALS |
|---|---|---|---|---|---|
| Recommended Product | **PRO BETON** | **EXTREME UNIVERSAL SILENCIO** | **EXTREME UNIVERSAL** | **EXTREME GRANITE** | **PRO 4X4 EXPLORER** |
| Diameter x bore | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm |
| Item No. | 70184627061 | 70184628998 | 70184612283 | 70184603311 | 70184602093 |
| Page reference | 35 | 42 | 43 | 62 | 54 |



# CM42 COMPACT

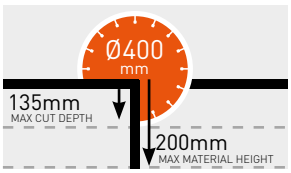
- Wide conveyor cart and long reinforced frame allows the operator to cut a 60 x 60cm slab in two 30cm halves.
- Wide conveyor cart with tilted wheels, anti-pivoting and locking system provides great stability and durability.
- Highly accurate cutting guide with per-degree angular setting, facilitates quick, precise and easy cutting without additional accessories.

YouTube
CM42

| | 3 hp 2,2kW 230v<br>CM42 | 3 hp 2,2kW 230v<br>CM42 30-1-230V | 2 hp 1,5kW 110v<br>CM42 30-1-110V |
|---|---|---|---|
| Item No. | 70184647620 | 70184647989* | 70184647990 |
| EAN | 5450248563617 | 5450248572053 | 5450248572077 |
| Supply Voltage/ Power | 230V 1~ / 2,2kW (3 hp) | 230V 1~ / 2,2kW (3 hp) | 110V 1~ / 1,5kW (2 hp) |
| Fuse Generator | 16A / 6 kVA | 16A / 6 kVA | 16A / 6 kVA |
| Blade x bore | Ø 400 x 25,4mm | Ø 400 x 25,4mm | Ø 400 x 25,4mm |
| Tool speed RPM | 2800 $min^{-1}$ | 2800 $min^{-1}$ | 2800 $min^{-1}$ |
| Tilting table | Optional | Optional | Optional |
| Max. cutting depth | 135mm | 135mm | 135mm |
| Max. cutting length | 670mm | 670mm | 670mm |
| Max. material height | 200mm | 200mm | 200mm |
| Table size | 500 x 540mm | 500 x 540mm | 500 x 540mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ |
| Sound power / pressure level | 92 dB (A) / 80 dB (A) | 92 dB (A) / 80 dB (A) | 92 dB (A) / 80 dB (A) |
| Dimensions (LxWxH) | 1187 x 620 x 1360mm | 1187 x 620 x 1360mm | 1187 x 620 x 1360mm |
| Dimensions (folded legs) | 1187 x 620 x 740mm | 1187 x 620 x 740mm | 1187 x 620 x 740mm |
| Weight | 90kg | 90kg | 90kg |

* Available on request

## PRODUCT FEATURES



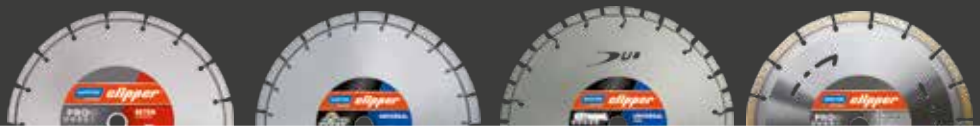
MAX CUT DEPTH


FOLDING FEET


ADJUSTABLE CUTTING-DEPTH HANDLE


ANTI PIVOTING SYSTEM

## DIAMOND BLADE RECOMMENDATIONS **FOR CM42**



| Substrate / Material | BETON | SILENCIO | UNIVERSAL | ALL MATERIALS |
|---|---|---|---|---|
| Recommended Product | **PRO BETON** | **EXTREME UNI SILENCIO** | **EXTREME UNIVERSAL** | **PRO 4X4 EXPLORER** |
| Diameter x bore | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm |
| Item No. | 70184627062 | 70184640270 | 70184611438 | 70184602095 |
| Page reference | 35 | 42 | 43 | 54 |

# CM400 JUNIOR

- Cutting length of up to 600mm accommodates large materials.
- The blade guard is always horizontal, which adds protection and user safety.
- Mechanical water pump makes the machine efficient to use.
- Handy transport wheels and removable legs allow the machine to be readily moved and easily stored.




## CM400 JUNIOR Electric

| | |
|---|---|
| Item No. | 70184630306 |
| EAN | 5450248414131 |

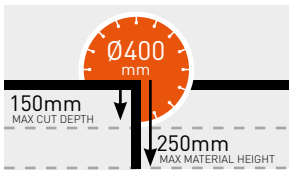
3 hp | 2,2kW | 230V

| | |
|---|---|
| Supply Voltage/ Power | 230V 1~ / 2,2kW (3 hp) |
| Fuse/Generator | 16A / 6 kVA |
| Blade x bore | Ø400 x 25,4mm |
| Tool speed RPM | 2700 $min^{-1}$ |
| Max. cutting depth | 150mm |
| Max. cutting length | 600mm |

| | |
|---|---|
| Max. material height | 250mm |
| Table size | 400 x 490mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 89 dB (A) / 78 dB (A) |
| Dimensions (LxWxH) | 1280 x 590 x 1460mm |
| Dimensions (folded legs) | 1280 x 590 x 880mm |
| Weight | 104kg |

*Formerly JCW*

## PRODUCT FEATURES



MAX CUT DEPTH


BLADE GUARD ALWAYS HORIZONTAL


CUTTING GUIDE


TRANSPORTATION WHEELS

## DIAMOND BLADE RECOMMENDATIONS **FOR CM400 JUNIOR**



| Substrate / Material | BETON | SILENCIO | UNIVERSAL | NATURAL STONE | ALL MATERIALS |
|---|---|---|---|---|---|
| Recommended Product | **PRO BETON** | **EXTREME UNIVERSAL SILENCIO** | **EXTREME UNIVERSAL** | **PRO GRANITE TURBO** | **PRO 4X4 EXPLORER** |
| Diameter x bore | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm |
| Item No. | 70184627062 | 70184640270 | 70184611438 | 70184626533 | 70184602095 |
| Page reference | 35 | 42 | 43 | 63 | 54 |

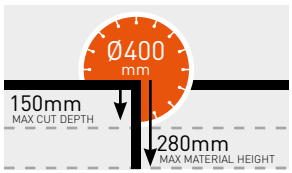


# CM401

- Cutting length of up to 600mm accommodates large materials.
- Constructed with aluminium components including extruded profiles and removable aluminium water tray, giving the CM401 extreme rigidity and robustness.

| | 3 hp 2,2kW 230V<br>CM401 600 | 4 hp 3kW 400V<br>CM401 600 | 6,5 hp 4,8kW PETROL<br>CM401 600 |
|---|---|---|---|
| Item No. | 70184626994 | 70184627004 | 70184627017 |
| EAN | 5450248371847 | 5450248371854 | 5450248371755 |
| Engine type | Electric | Electric | Petrol / HONDA GX200 |
| Supply Voltage/ Power | 230V 1~/ 2,2kW (3 hp) | 400V 3~/ 3kW (4 hp) | 4,8kW (6,5 hp) |
| Fuse Generator | 16A / 6 kVA | 16A / 8 kVA | - |
| Blade x bore | Ø400 x 25,4mm | Ø400 x 25,4mm | Ø400 x 25,4mm |
| Tool speed RPM | 2 700 $min^{-1}$ | 2 000 $min^{-1}$ | 2 650 $min^{-1}$ |
| Max. cutting depth | 150mm | 150mm | 150mm |
| Max. cutting length | 600mm | 600mm | 600mm |
| Max. material height | 280mm | 280mm | 280mm |
| Table size | 500 x 600mm | 500 x 600mm | 500 x 600mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ |
| Sound power / pressure level | 94 dB (A) / 81 dB (A) | 94 dB (A) /81 dB (A) | 105 dB (A) / 93 dB (A) |
| Dimensions (LxWxH) | 1380 x 660 x 1510mm | 1380 x 660 x 1510mm | 1380 x 660 x 1510mm |
| Dimensions (folded legs) | 1380 x 660 x 920mm | 1380 x 660 x 920mm | 1380 x 660 x 920mm |
| Weight | 113kg | 115kg | 118kg |

## PRODUCT FEATURES



MAX CUT DEPTH


MECHANICAL WATER PUMP


ALUMINIUM PROFILE


EASY TRANSPORT

## DIAMOND BLADE RECOMMENDATIONS **FOR CM400 JUNIOR**



| Substrate / Material | BETON | SILENCIO | UNIVERSAL | NATURAL STONE | ALL MATERIALS |
|---|---|---|---|---|---|
| Recommended Product | **PRO BETON** | **EXTREME UNIVERSAL SILENCIO** | **EXTREME UNIVERSAL** | **PRO GRANITE TURBO** | **PRO 4X4 EXPLORER** |
| Diameter x bore | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm | 400 x 25,4mm |
| Item No. | 70184627062 | 70184640270 | 70184611438 | 70184626533 | 70184602095 |
| Page reference | 35 | 42 | 43 | 63 | 54 |

# CM450 JUNIOR

- Cuts through large materials thanks to 600mm cutting length and 170mm cutting depth.
- Handy transport wheels and adjustable folding legs allow the machine to be readily moved and easily stored.
- Improved water system separates used water containing dust particles which extends the lifetime of the water pump.
- The new water pump plug saves time when changing the water pump as there is no longer a requirement to open the switch and use electrical connections.




## PRODUCT DATA

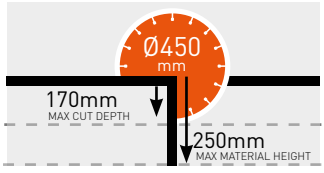
| | |
|---|---|
| Item No. | 70184608625 |
| EAN | 5450248777335 |

3 hp | 2,2kW | 230V

| | |
|---|---|
| Supply Voltage / Power | 230V 1~/ 2,2kW (3 hp) |
| Fuse/Generator | 16A / 6kVA |
| Blade x bore | Ø 450 x 25,4mm |
| Dimensions (LxWxH) | 1390 x 750 x 1480mm |
| Dimensions (without legs) | 1390 x 530 x 800mm |
| Weight | 97kg |

| | |
|---|---|
| Max. cutting depth | 170mm |
| Max. cutting length | 600mm |
| Max. material height | 250mm |
| Table size | 460 x 400mm |
| Tool speed RPM | 2100 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 89 dB (A) / 78 db (A) |

## PRODUCT FEATURES



MAX CUT LENGTH & DEPTH


FOLDING FEET


WATER SETTLING SYSTEM


EASY WATER PUMP PLUG

## DIAMOND BLADE RECOMMENDATIONS **FOR CM 450 JUNIOR**



| | |
|---|---|
| Substrate / Material | UNIVERSAL |
| Recommended Product | **PRO UNIVERSAL LASER** |
| Diameter x bore | 450 x 25,4mm |
| Item No. | 70184609093 |
| Page reference | 44 |

# CST 120 UNO



- A combination of robust construction and strong chrome-plated guiding bars give the CST120 Uno significant durability.
- The tilting and plunging head allows angled cuts of up to 45° and adjustable cutting depth.

## PRODUCT DATA

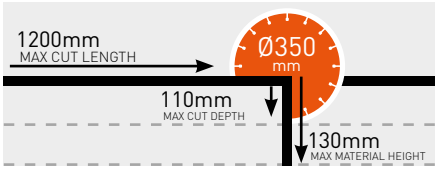
| | |
|---|---|
| Item No. | 70184601846 |
| EAN | 5450248713999 |

3 hp | 2kW | 230V

| | |
|---|---|
| Supply Voltage / Power | 230V 1~/ 2,0kW (3 hp) |
| Fuse/Generator | 16A / 6kVA |
| Blade x bore | Ø 350 x 25,4mm |
| Dimensions (LxWxH) | 1650 x 580 x 1400mm |
| Dimensions (without legs) | 1650 x 580 x 850mm |
| Weight | 105kg |

| | |
|---|---|
| Max. cutting depth | 110mm |
| Max. cutting length | 1200mm |
| Max. material height | 130mm |
| Table size | 1200 x 560mm |
| Tool speed RPM | 2800 $min^{-1}$ |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 88,5dB (A) / 73,5db (A) |

## PRODUCT FEATURES




MAX CUT LENGTH & DEPTH



CUTTING GUIDE

## DIAMOND BLADE RECOMMENDATIONS **FOR CST RANGE**



| Substrate / Material | SILENCIO | UNIVERSAL | NATURAL STONE | CERAMIC | |
|---|---|---|---|---|---|
| Recommended Product | **EXTREME UNI SILENCIO** | **EXTREME UNIVERSAL** | **EXTREME GRANITE** | **EXTREME CERAMIC** | **EXTREME CERAMIC SOFT** |
| Diameter x bore | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm |
| Item No. | 70184628998 | 70184612283 | 70184601174 | 70184630335 | 70184602484 |
| Page reference | 42 | 43 | 62 | 58 | 59 |

# CST 100/120/150

- A combination of robust construction and strong chrome-plated guiding bars give the CST range significant durability.
- The tilting and plunging head allows angled cuts of up to 45° and adjustable cutting depth.
- A side extension table increases the width of the table from 660mm to 1110mm; accommodating larger cutting material.





ADJUSTABLE GUIDE ANGLE



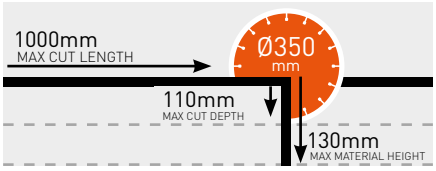
SIDE EXTENSION TABLE

| 3 hp 2,2kW 230V | CST100 | CST120 | CST150 |
|---|---|---|---|
| Item No. | 70184613977 | 70184614032 | 70184614025 |
| EAN | 5450248144595 | 5450248191179 | 5450248189725 |
| Supply Voltage/Power | 230V 1~/ 2,2kW (3 hp) | 230V 1~/ 2,2kW (3 hp) | 230V 1~/ 2,2kW (3 hp) |
| Fuse (Generator) | 16A / 6kVA | 16A / 6kVA | 16A / 6kVA |
| Blade x bore | Ø 350 x 25,4mm | Ø 350 x 25,4mm | Ø 350 x 25,4mm |

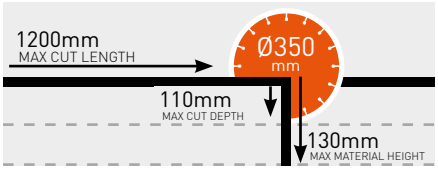
| 4 hp 3kW 400V | CST100 | CST120 | CST150 |
|---|---|---|---|
| Item No. | 70184613982 | 70184613892 | 70184614026 |
| EAN | 5450248144724 | 5450248141235 | 5450248189732 |
| Supply Voltage/Power | 400V 3~/ 3kW (4 hp) | 400V 3~/ 3kW (4 hp) | 400V 3~/ 3kW (4 hp) |
| Fuse (Generator) | 16A / 8kVA | 16A / 8kVA | 16A / 8kVA |
| Max. blade x bore | Ø 350 x 25,4mm | Ø 350 x 25,4mm | Ø 350 x 25,4mm |

| PRODUCT DATA (ALL MACHINES) | CST100 | CST120 | CST150 |
|---|---|---|---|
| Max. cutting depth | 110mm | 110mm | 110mm |
| Max. cutting length | 1000mm | 1200mm | 1500mm |
| Max. material height | 130mm | 130mm | 195mm |
| Table size | 1000mm | 1200mm | 1500mm |
| Tool speed RPM | 2800 $min^{-1}$ | 2800 $min^{-1}$ | 2800 $min^{-1}$ |
| Hand arm vibrations | <2,5m/s² | <2,5m/s² | <2,5m/s² |
| Sound power / pressure level | 88,5dB (A) / 73,5db (A) | 88,5dB (A) / 73,5db (A) | 88,5dB (A) / 73,5db (A) |
| Dimensions (LxWxH) | 1270 x 660 x 1350mm | 1600 x 660 x 1350mm | 1970 x 660 x 1350mm |
| Dimensions (without legs) | 1270 x 660 x 780mm | 1600 x 660 x 780mm | 1970 x 660 x 780mm |
| Weight | 105kg | 160kg | 180kg |

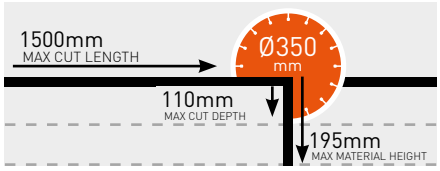
## MAX CUT DEPTH




CST 100




CST 120




CST 150



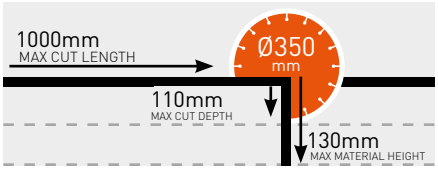
# CST 100/120 ALUMINUM

- Made with aluminium parts, the CST 100 and CST 120 Alu machines are hardwearing yet lightweight for maximum manoeuvrability.
- Strong chrome-plated guiding bars and tilting rail allows highly precise cuts of up to 45°.
- Rubber layered, anti-slip table stabilises the cutting material to prevent slipping.
- Incorporated side extension (450 x 300mm) increases the table width up to 960mm.

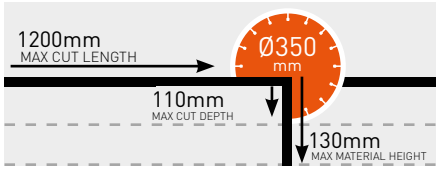
YouTube
CST 120

| | 3 hp 2,2kW 230V<br>CST100 ALU | 3 hp 2,2kW 230V<br>CST120 ALU | 2,4 hp 1,8kW 115V<br>CST100 ALU | 2,4 hp 1,8kW 115V<br>CST120 ALU |
|---|---|---|---|---|
| Item No. | 70184601937 | 70184602016 | 70184602124 | 70184602125 |
| EAN | 5450248715689 | 5450248718420 | 5450248721703 | 5450248721710 |
| Supply Voltage/ Power | 230V 1~/ 2,2kW (3 hp) | 230V 1~/ 2,2kW (3 hp) | 115V 1~/ 1,8kW (2,4 hp) | 115V 1~/ 1,8kW (2,4 hp) |
| Fuse (Generator) | 16A / 6kVA | 16A / 6kVA | 16A / 6kVA | 16A / 6kVA |
| Blade x bore | Ø 350x25,4mm | Ø 350x25,4mm | Ø 350x25,4mm | Ø 350x25,4mm |
| Tool speed RPM | 2800 $min^{-1}$ | 2800 $min^{-1}$ | 2800 $min^{-1}$ | 2800 $min^{-1}$ |
| Max. cutting depth | 110mm | 110mm | 110mm | 110mm |
| Max. cutting length | 1000mm | 1200mm | 1000mm | 1200mm |
| Max. material height | 130mm | 130mm | 130mm | 130mm |
| Table size | 1120mm | 1310mm | 1120mm | 1310mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ |
| Sound power / pressure level | 88,5dB (A) / 73,5dB (A) | 88,5dB (A) / 73,5dB (A) | 88,5dB (A) / 73,5dB (A) | 88,5dB (A) / 73,5dB (A) |
| Dimensions (LxWxH) | 1530 x 660 x 1350mm | 1630 x 660 x 1350mm | 1530 x 660 x 1350mm | 1630 x 660 x 1350mm |
| Dimensions (without legs) | 1530 x 660 x 880mm | 1630 x 660 x 880mm | 1530 x 660 x 880mm | 1630 x 660 x 880mm |
| Weight | 85kg | 90kg | 85kg | 90kg |

## PRODUCT FEATURES




MAX CUT DEPTH - CST 100




MAX CUT DEPTH - CST 120



TILTING HEAD



SIDE EXTENSION AND CUTTING GUIDE INCLUDED (450x300mm)





EASY TRANSPORT THANKS TO FOLDING LEGS AND WHEELS

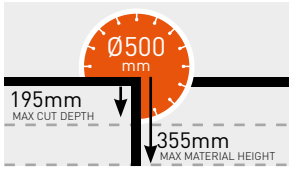
# CM501/601 MAJOR

- Conveyor cart with a stable, anti-slip table surface that enables the operator to deliver an accurate cut.
- Accessible water pump for easy maintenance.
- Double lifting rails assist with movement with a forklift.
- Blade adjustment crank maintains an accurate and consistent blade depth.

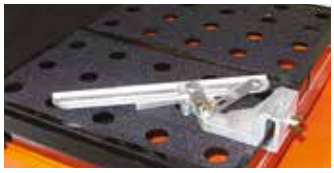



| | 5,5 hp 4kW 400v<br>CM501 3,55,3 | 5,5 hp 4kW 230/400v<br>CM501 3,55,3 D.V. | 6,5 hp 4,8kW PETROL<br>CM501 3,60.P | 5,5 hp 4kW 400v<br>CM601 5,55,3 |
|---|---|---|---|---|
| Item No. | 70184627018 | 70184628233 | 70184627020 | 70184607577 |
| EAN | 5450248371762 | 5450248392101 | 5450248371779 | 5450248760603 |
| Engine type | Electric | Electric | Petrol - Honda GX200 | Electric |
| Supply Voltage/ Power | 400V / 4kW (5,5 hp) | 230-400V~3 / 4kW (5,5 hp) | 4,8kW (6,5 hp) | 400V / 4kW / (5,5 hp) |
| Blade x bore | Ø 500x25,4mm | Ø 500x25,4mm | Ø 500x25,4mm | Ø 600x25,4mm |
| Tool speed RPM | 1900 $min^{-1}$ | 1900 $min^{-1}$ | 2200 $min^{-1}$ | 1900 $min^{-1}$ |
| Max. cutting depth at 90° / 45° | 195mm | 195mm | 195mm | 245mm |
| Max. cutting length | 500mm | 500mm | 500mm | 500mm |
| Max. material height | 355mm | 355mm | 355mm | 355mm |
| Table size | 580 x 420mm | 580 x 420mm | 580 x 420mm | 580 x 420mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ |
| Sound power / pressure level | 97dB(A) / 81dB(A) | 97dB(A) / 81dB(A) | 106dB(A) / 93dB(A) | 97dB(A) / 81dB(A) |
| Dimensions (LxWxH) | 1480 x 610 x 1550mm | 1480 x 610 x 1550mm | 1480 x 610 x 1700mm | 1480 x 610 x 1550mm |
| Weight | 165kg | 163kg | 165kg | 168kg |

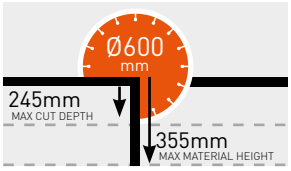
## PRODUCT FEATURES



MAX CUT DEPTH - Ø500


CUTTING GUIDE


FRICTION RESISTANT TILTED ROLLERS



MAX CUT DEPTH - Ø600

## DIAMOND BLADE RECOMMENDATIONS **FOR CM501 & CM601**




| Substrate / Material | BETON | SILENCIO | UNIVERSAL | REFRACTORY | ALL MATERIALS |
|---|---|---|---|---|---|
| Recommended Product | **PRO BETON** | **EXTREME UNI SILENCIO** | **EXTREME UNIVERSAL** | **SEE RECOMMENDATION TABLE PAGE 71** | **PRO 4X4 EXPLORER** |
| Bore | 25,4mm | 25,4mm | 25,4mm | | 25,4mm |
| ø500mm Item No. | 70184627064 | 70184630309 | 70184611440 | | 70184602097 |
| ø600mm Item No. | 70184627065 | - | - | | - |
| Page reference | 35 | 42 | 43 | | 54 |




# ISM/ISC SUPER*

- Wet cutting enabled by the optional water supply connector.
- Extended operating handle for optimal cutting pressure.
- Crank controlled cutting depth adjuster for maximum accuracy.
- Cutting head height operated by a foot pedal and handle (ISM) giving the operator great control over their cut.

* available on Request

## ISM

| | |
|---|---|
| Item No. | 70184613985 |
| EAN | 5450248231239 |

HP 7,5 hp | kW 5,5kW | Volts 400V

| | |
|---|---|
| Supply Voltage/ Power | 400V 3~ / 5,5kW (7,5 hp) |
| Fuse/Generator | 32 A / 14 kVA |
| Blade x bore | Ø 500 x 25,4mm |
| Tool speed RPM | 2062 $min^{-1}$ |
| Max. cutting depth | 190mm |
| Max. cutting length | 500mm |
| Flat table size (optional) | 465 x 615mm |
| Tilting table (optional) | 455 x 580mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 99 dB (A) / 85 dB (A) |
| Dimensions (LxWxH) | 1400 x 760 x 1750mm |
| Weight | 248kg |

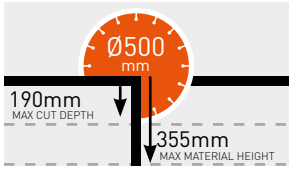
## ISC

| | |
|---|---|
| Item No. | 70184613986 |
| EAN | 5450248144861 |

HP 7,5 hp | kW 5,5kW | Volts 400V

| | |
|---|---|
| Supply Voltage/ Power | 400V 3~ / 5,5kW (7,5 hp) |
| Fuse/Generator | 32 A / 14 kVA |
| Blade x bore | Ø 500 x 25,4mm |
| Tool speed RPM | 2062 $min^{-1}$ |
| Max. cutting depth | 190mm |
| Max. cutting length | 750mm |
| Flat table size (optional) | 710 x 615mm |
| Tilting table (optional) | 710 x 610mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Sound power / pressure level | 99 dB (A) / 85 dB (A) |
| Dimensions (LxWxH) | 1650 x 760 x 1750mm |
| Weight | 280kg |

## PRODUCT FEATURES




MAX CUT DEPTH



**Clipper's Tip**

**IMPORTANT**

Conveyor carts, dust collectors and water supply systems are available as accessories. See selection chart below.



EXTREME UNI SILENCIO -70184630309



REFRACTORY - SEE RECOMMENDATION TABLE

## HOW TO SELECT ISC AND ISM MASONRY SAWS AND ACCESSORIES

| MAX. CUTTING LENGTH | FLAT OR MITRE CUT? | DRY OR WET CUTTING? | |
|---|---|---|---|
| | | WET | DRY |
| ISM<br>UP TO 500mm<br><br>ISC<br>UP TO 750mm<br> | <br>**Tilting table 0 to 45°**<br>ISM: 310004702<br>ISC: 310004539<br><br>**Flat conveyor cart**<br>ISM: 310004704<br>ISC: 310004703 | <br>**Water distribution kit**<br>310004732 |  ⊕ <br>**Hood**<br>310004552<br>**Dust extractor bag type**<br>310004544<br>OR<br>**Dust extractor cabinet type**<br>310004536 |

# CM70 ALU

- Anti-tipping system on the conveyor cart that prevents overturning and keeps the operator safe.
- Fixed back splash carpet promotes cleaner working.
- Pendular cutting head is ideal for step cutting on larger materials.
- Folding legs and transport wheels provide easy transportation and storage.

YouTube
CM70 ALU




CM70 ALU + blade included

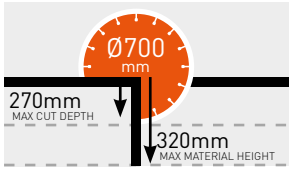
| | |
|---|---|
| Item No. | 70184603112 |
| EAN | 5450248750635 |

| | |
|---|---|
| Supply voltage/Power kW (Hp) | 230V / 3kW (4 hp) |
| Max blade x bore | Ø700mm x 25,4mm |
| Max material height | 320mm |
| Max cutting depth | 270mm |

| | |
|---|---|
| Max cutting length | 500mm |
| Table size | 570 x 490mm |
| RPM | 1 500min$^{-1}$ |
| Weight | 128kg |
| Dimensions (mm) | 1620 x 851 x 1571 |

HP 4 hp
kW 3,0kW
Volts 230V

## PRODUCT FEATURES




MAX CUT DEPTH



PENDULAR CUTTING HEAD



EASY TO TRANSPORT



COMFORTABLE TO USE



ANTI-TIPPING SYSTEM



FIXED BACK SPLASH CARPET

## DIAMOND BLADE RECOMMENDATIONS



| | |
|---|---|
| Machine | |
| Substrate / Material | UNIVERSAL |
| Recommended Product | **PRO UNIVERSAL LASER** |
| Diameter x bore | 700 x 25,4 mm |
| Item No. | 70184603061 |
| Page reference | 46 |



*Clipper's Tip*

**IDEAL FOR...**

Aerated fired clay blocks, aerated concrete blocks and Cellular concrete



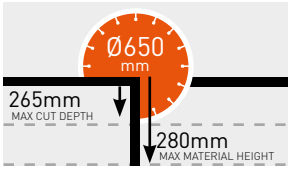



# JUMBO 651

- Heavy duty construction with 4 wheels, allowing ease of movement around the work site. 2 lockable wheels secure the machine while in use; stabilising the cutting material and enabling a more accurate cut.
- Easy to access blade reduces machine downtime when it is being changed over.

| | 3 hp 2,2kW 230v JUMBO 651 | 7,5 hp 5,5kW 400v JUMBO 651 |
|---|---|---|
| Item No. | 70184694005 | 70184614005 |
| EAN | 5450248596714 | 5450248186625 |
| Engine type | Electric | Electric |
| Supply Voltage/ Power | 230V 1~/2,2kW (3 hp) | 400V 3~/5,5kW (7,5 hp) |
| Fuse/ Generator | 16 A / 6kVA | 32 A /14kVA |
| Blade x bore | Ø 650 x 25,4mm | Ø 650 x 25,4mm |
| Tool speed RPM | 1350 $min^{-1}$ | 1350 $min^{-1}$ |
| Max. cutting depth | 265mm | 265mm |
| Max. cutting length | 500mm | 500mm |
| Max. material height | 280mm | 280mm |
| Table size | 600 x 500mm | 600 x 500mm |
| Hand Arm Vibrations | < 2,5 m/s² | < 2,5 m/s² |
| Sound power / pressure level | 100 dB (A) / 86 dB (A) | 100 dB (A) / 86 dB (A) |
| Dimensions (LxWxH) | 1700 x 800 x 1480mm | 1700 x 800 x 1480mm |
| Weight | 208kg | 212kg |

## PRODUCT FEATURES



MAX CUT DEPTH


HEAVY DUTY FRAME


2 WHEELS WITH LOCKING DEVICE


TILTING TABLE - 310005275
(AVAILABLE ON REQUEST)

## DIAMOND BLADE RECOMMENDATIONS



| Machine | JUMBO 651 | |
|---|---|---|
| Substrate / Material | SILENCIO | UNIVERSAL |
| Recommended Product | **EXTREME UNI SILENCIO** | **PRO UNIVERSAL LASER** |
| Diameter x bore | 650 x 25,4mm | 650 x 25,4mm |
| Item No. | 70184694227 | 70184647265 |
| Page reference | 42 | 46 |

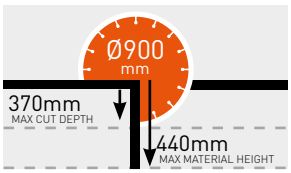
# JUMBO 900/1000

- Heavy duty construction with 4 wheels, allowing ease of movement around the work site.
- Graduated scale on an angle, which gives the operator greater visibility of the cutting guide position.
- Curtain located in front of the blade reduces the amount of splash when the machine is in use.
- Improved blade guard provides even easier access to the blade. This reduces the amount of machine downtime when the blade is being replaced.




| | 10 hp 7,5kW 400V<br>JUMBO 900 100-3-400V | 10 hp 7,5kW 400V<br>JUMBO 1000 100-3-400V | 13 hp 9,6kW PETROL<br>JUMBO 1000 P13 EASY START |
|---|---|---|---|
| Item No. | 70184613939 | 70184621669 | 70184629335 |
| EAN | 5450248143260 | 5450248312789 | 5450248441762 |
| Engine type | Electric | Electric | Petrol / HONDA |
| Supply Voltage/ Power | 400V~3 / 7,5kW (10 hp) | 400V~3 / 7,5kW (10 hp) | GX390, 9,6kW (13 hp) |
| Fuse/ Generator | 32 A / 19 kVA | 32 A / 19 kVA | - |
| Blade x bore | Ø 900 x 60mm | Ø 1000 x 60mm | Ø 1000 x 60mm |
| Tool speed RPM | 928 $min^{-1}$ | 928 $min^{-1}$ | 928 $min^{-1}$ |
| Max. cutting depth | 370mm | 420mm | 420mm |
| Max. cutting length | 720mm | 720mm | 720mm |
| Max. material height | 440mm | 440mm | 440mm |
| Table size | 720 x 800mm | 720 x 800mm | 720 x 800mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ | < 2,5 $m/s^2$ |
| Sound power / pressure level | 100 dB (A) / 86 dB (A) | 100 dB (A) / 86 dB (A) | 105 dB (A) / 88 dB (A) |
| Dimensions (LxWxH) | 2000 x 1080 x 1700mm | 2000 x 1080 x 1700mm | 2000 x 1080 x 1700mm |
| Weight | 360kg | 370kg | 370kg |

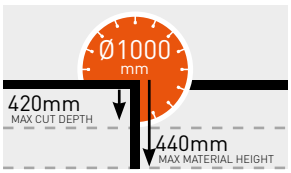
## PRODUCT FEATURES



MAX CUT DEPTH - JUMBO 900


FRONT SPLASH GUARD


CENTRIFUGAL CLUTCH DEVICE (JUMBO P13 ONLY)



MAX CUT DEPTH - JUMBO 1000

## DIAMOND BLADE RECOMMENDATIONS

| Machine | JUMBO 900 | | JUMBO 1000 | |
|---|---|---|---|---|
| Substrate / Material | SILENCIO | UNIVERSAL | SILENCIO | UNIVERSAL |
| Recommended Product | **EXTREME UNI SILENCIO** | **EXTREME UNIVERSAL** | **EXTREME UNI SILENCIO** | **PRO UNIVERSAL LASER** |
| Diameter x bore | 900 x 60mm | 900 x 60mm | 1000 x 60mm | 1000 x 60mm |
| Item No. | 70184694030 | 70184647651 | 70184694595 | 70184647263 |
| Page reference | 42 | 46 | 42 | 46 |




# CM 1000 JUMBO

- Conveniently allows the use of 900mm and 1000mm diameter blades.
- Strong and sturdy table supporting up to 350kg.
- Plug and play water pump connection reduces maintenance time.
- Emergency push button to stop the machine quickly.
- Transport wheels, forklift sleeves and lifting eyelets facilitate transport around the work site.

## CM 1000 JUMBO

| | |
|---|---|
| Item No. | 70184607570 |
| EAN | 5450248760405 |

| | |
|---|---|
| Supply voltage/Power kW (Hp) | 400V ~3 /7,5 kW (10 hp) |
| Max blade x bore | Ø900/1000 x 60mm |
| Max material height | 440mm |
| Max cutting depth | 370/420mm |

| | |
|---|---|
| Max cutting length | 720mm |
| RPM | 928min$^{-1}$ |
| Weight | 420kg |
| Dimensions (mm) | 2000 x 1080 x 1700mm |

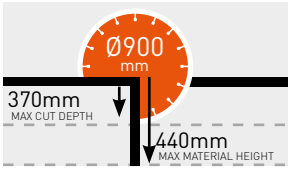




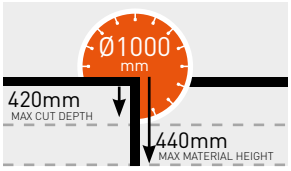





## PRODUCT FEATURES




MAX CUT DEPTH - Ø900mm




MAX CUT DEPTH - Ø1000mm



FITS 900 & 1000mm BLADE DIAMETERS



REINFORCED TABLE



EASY WATER PUMP CONNECTION



EMERGENCY PUSH BUTTON



TRANSPORT WHEELS

## DIAMOND BLADE RECOMMENDATIONS **FOR CM 1000 JUMBO**

| Substrate / Material | UNIVERSAL | UNIVERSAL | UNIVERSAL | GRANITE |
|---|---|---|---|---|
| Recommended Product | **CLASSIC UNIVERSAL LASER** | **PRO UNIVERSAL LASER** | **EXTREME UNIVERSAL SILENCIO** | **EXTREME GRANITE** |
| Diameter x bore | 900 x 60mm | 900 x 60mm | 900 x 60/55mm | 900 x 60mm |
| Item No. | 70184647269 | 70184647266 | 70184694030 | 70184603313 |
| Diameter x bore | 1000 x 60mm | 1000 x 60mm | 1000 x 60/55mm | |
| Item No. | 70184647650 | 70184647263 | 70184694595 | |
| Page reference | 46 | 46 | 42 | 62 |

# CMV 1000 VERTO

- High performance cutting on blocks up to 650mm in height without flipping the material.
- Central lifting eye and built in forklift sleeves (800 x 1200mm) for easy on site maneuverability.
- Saw head permanently encapsulated to ensure user safety.
- Laser engraved rule on the table helps the operator make a precise cut.
- Hydraulic rolling table makes the material placement easier and quicker*.
- Wheel kit enables easy movement around the work site*.




* Only available on 70184603244 and 70184607717

## Basic version

| | |
|---|---|
| Item No. | 70184603243 |
| EAN | 5450248753025 |

## Machine with roller table and wheel kit

| | |
|---|---|
| Item No. | 70184603244 |
| EAN | 5450248753032 |

## Machine with roller table

| | |
|---|---|
| Item No. | 70184607717 |
| EAN | 5450248763796 |

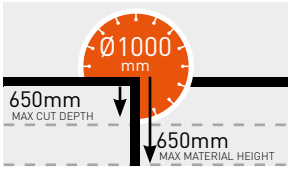
| | |
|---|---|
| Supply voltage/Power kW (Hp) | 400V ~3 /7,5 kW (10 hp) |
| Max blade x bore | Ø1000 x 60mm |
| Max material height | 650mm |
| Max cutting depth | 650mm |
| Max cutting length | 425mm |
| RPM | 900min$^{-1}$ |
| Weight | 583kg |
| Dimensions (mm) | 1200 x 800 x 1995mm |

HP 10 hp

kW 7,5kW

Volts 400V

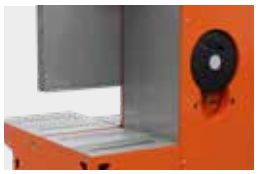
## PRODUCT FEATURES




MAX CUT DEPTH



BUILT IN FORKLIFT SLEEVES



EMBEDDED HAND WHEEL ENSURING COMPACT DESIGN



TABLE WITHOUT ROLLER (70184603243)



HYDRAULIC ROLLER TABLE (70184603244 AND 70184607717)



WHEEL KIT (70184603244)

## DIAMOND BLADE RECOMMENDATIONS **FOR CMV 1000 VERTO**



| Substrate / Material | UNIVERSAL | UNIVERSAL | UNIVERSAL | GRANITE |
|---|---|---|---|---|
| Recommended Product | **CLASSIC UNIVERSAL LASER** | **PRO UNIVERSAL LASER** | **EXTREME UNIVERSAL SILENCIO** | **EXTREME GRANITE** |
| Diameter x bore | 1000 x 60mm | 1000 x 60mm | 1000 x 60/55mm | 900 x 60mm |
| Item No. | 70184647650 | 70184647263 | 70184694595 | 70184603313 |
| Page reference | 46 | 46 | 42 | 62 |




# CB311

- Galvanised folding table is hardwearing and gives the CB311 a long usage life and reliability.
- A dual deadman's handle makes this machine very safe to use.
- Adjustable stabilising feet keep the band saw stable and secure even when located on uneven ground.
- Compact design for ease of storage even in locations where space is at a premium.
- Extreme band included with every CB311 for enhanced performance.

## PRODUCT DATA

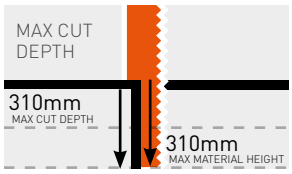
| | |
|---|---|
| Item No. | 70184602677 |
| EAN | 5450248736417 |

| | |
|---|---|
| Supply Voltage/ Power | 230V ~1 / 1,1kW (1,5 hp) |
| Band size | 2950 x 27mm |
| Weight | 132kg |

| | |
|---|---|
| Dimensions (LxWxH) | 830 x 620 x 1600mm |
| Max. cutting length | 660mm |
| Max. material height | 310mm |

1,5 hp | 1,1kW | 230V

## PRODUCT FEATURES



MAX CUT DEPTH


SAFE DUAL DEADMAN'S HANDLE


CAN FIT IN SMALL SPACES


EASY TO TRANSPORT


PRECISION CUT


MACHINE STABILITY

## BAND RECOMMENDATIONS **FOR CB311**

| Substrate / Material | UNIVERSAL | UNIVERSAL |
|---|---|---|
| Recommended Product | **EXTREME BAND CB311** | **PRO BAND CB311** |
| Length | 2950mm | 2950mm |
| Item No. | 70184603100 | 70184603101 |




**IDEAL FOR...**

Aerated fired clay blocks and autoclaved aerated concrete blocks



# CB511 & CB651

- Incorporated lift ring, double lifting rails and wheels make it easy to move these machines by forklift or even by hand.
- Sturdy and reliable, with a galvanised folding table, these band saws benefit from a long life and require little maintenance.
- Features a dust outlet that allows connectivity with an external dust extractor; enabling a clean working environment.
- Extreme band included with every CB511 & CB651 for enhanced performance.




| PRODUCT DATA CB511 | |
|---|---|
| Item No. | 70184694702 |
| EAN | 5450248692393 |

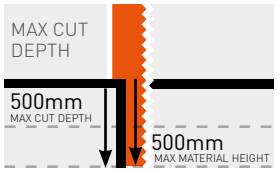
| CB651 | |
|---|---|
| Item No. | 70184602676 |
| EAN | 5450248736400 |

| | CB511 | CB651 |
|---|---|---|
| Supply Voltage/ Power | 230V 1~ / 1,85kW (2,5 hp) | 230V 1~ / 1,85kW (2,5 hp) |
| Band size | 3850 x 27mm | 4120 x 34mm |
| Dimensions (LxWxH) | 1050 x 900 x 1840mm | 1050 x 900 x 1980mm |
| Weight | 203kg | 207kg |
| Max. cutting length | 660mm | 660mm |
| Max. material height | 500mm | 635mm |
| Weight | 203kg | 207kg |
| Dimensions | 1050 x 900 x 1840mm | 1050 x 900 x 1980mm |

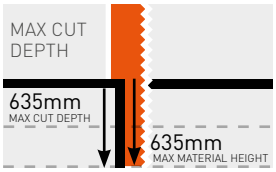



2,5 hp 1,85kW 230V

## PRODUCT FEATURES




MAX CUT DEPTH CB511




MAX CUT DEPTH CB 651



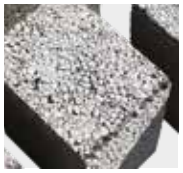
CUTTING GUIDE



FOLDING TABLE



SAFETY OF USE



PRECISION CUT

## BAND RECOMMENDATIONS **FOR CB511**

| Substrate / Material | UNIVERSAL | UNIVERSAL | UNIVERSAL |
|---|---|---|---|
| Recommended Product | **EXTREME LONG-LIFE BAND CB511** | **EXTREME BAND CB511** | **PRO BAND CB511** |
| Length | 3850mm | 3850mm | 3850mm |
| Item No. | 70184603022 | 70184695024 | 70184601811 |

## BAND RECOMMENDATIONS **FOR CB651**

| Substrate / Material | UNIVERSAL | UNIVERSAL |
|---|---|---|
| Recommended Product | **EXTREME BAND CB651** | **PRO BAND CB651** |
| Length | 4120mm | 4120mm |
| Item No. | 70184603102 | 70184603103 |



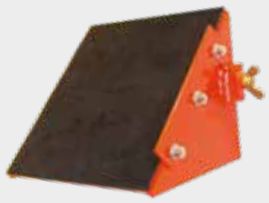
*Clipper's Tip*

**IDEAL FOR...**

Aerated fired clay blocks and autoclaved aerated concrete blocks



# MASONRY SAW SPARE PARTS & ACCESSORIES

1


2



3

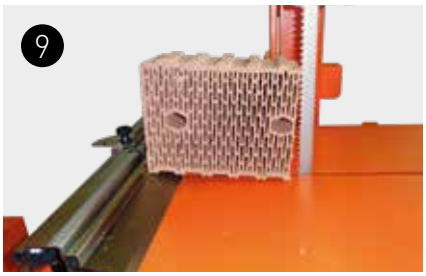

4


5


6


7


8


9


## CM501

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 1 - Cutting guide 45° | 310004537 | 5450248088592 |
| 2 - Tilting cart 0 to 45° | 310004556 | 5450248089353 |
| 3 - Side extension | 310004557* | 5450248089377 |
| 4 - Transport accessory | 310004609 | 5450248095187 |
| 5 - Hood | 310004580 | 5450248093312 |
| 6 - Dust extraction bag type | 310004544* | 5450248088844 |
| 7 - Electric hourmeter kit | 310006307 | 5450248157786 |
| Blade guard (blade shield compatible) | 310005679 | 5450248170143 |
| Blade shield | 310004582** | 5450248093480 |

* Available on request
** For use with blade guard 310005679

## JUMBO 900 & 1000

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 8 - Cutting guide 0 to 45° | 310004590 | 5450248093961 |

## CB511 & CB651

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 9 - Slanted cutting device | 310491491 | 5450248716693 |

## CM35 MINI CLIPPER

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Wheels & handles kit | 310523364 | 5450248757313 |
| Water tray & pump 230V | 310523296 | 5450248757092 |

## CGW

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Water tray cap | 310005257 | 5450248118060 |
| Water pump 230V | 310004389 | 5450248078784 |
| Switch 230V | 510103106 | 5450248553939 |
| Table wheel (4x) | 310004676 | 5450248098393 |

## CM352

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Water tray cap | 310005257 | 5450248118060 |
| Water pump 230V | 310004389 | 5450248078784 |
| Switch 230V | 510103106 | 5450248553939 |
| Table wheel (4x) | 310004676 | 5450248098393 |

## CM401

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 1 - Side extension | 310007579 | 5450248226925 |

## ISM

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 7 - Tilting table 0 to 45° for ISM | 310004702 | 5450248099376 |
| 8 - Flat conveyor cart for ISM | 310004704 | 5450248099390 |
| 9 - Water distribution kit | 310004732 | 5450248100829 |
| 10 - Hood | 310004552 | 5450248089070 |
| 11 - Dust extraction bag type | 310004544* | 5450248088844 |
| Dust extraction cabinet type | 310004536 | 5450248088240 |
| Protection blade guard | 510108157 | 5450248571797 |
| Conveyor cart wheel (1x) | 310004284 | 5450248072867 |
| Water pump | 310004300 | 5450248073598 |

* Available on request

## CMV 1000 VERTO

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Hydraulic roller table kit | 310518763 | 5450248753018 |
| Transport wheels kit | 310518762 | 5450248753001 |

## CM42

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Switch 230V | 510103106 | 5450248553939 |
| Water pump 230V | 310446803 | 5450248078784 |
| Table wheel (4x) | 310004676 | 5450248098393 |

## CM400

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Switch 230V | 310369467 | 5450248440116 |
| Belt (230V machine) | 310369466 | 5450248440109 |
| Table wheel (4x) | 310004676 | 5450248098393 |

## CST

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 5 - Lateral guide a cut (CST100) | 310006280 | 5450248156659 |
| 5 - Lateral guide a cut (CST120-150) | 310478996 | 5450248705024 |
| 4 - Side extension flat with leg 550x450mm | 310479000 | 5450248705055 |
| 3 - Side extension roller 1000x500mm | 310478999 | 5450248705048 |
| Guide a cut | 310479001 | 5450248705062 |
| 6 - Cutting guide 0° to 45° | 310008268 | - |

## ISC

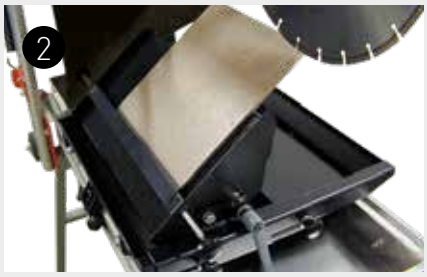
| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 7 - Tilting table 0 to 45° for ISC | 310004539 | 5450248088707 |
| 8 - Flat conveyor cart for ISC | 310004703 | 5450248099383 |
| 9 - Water distribution kit | 310004732 | 5450248100829 |
| 10 - Hood | 310004552 | 5450248089070 |
| 11 - Dust extraction bag type | 310004544* | 5450248088844 |
| Dust extraction cabinet type | 310004536 | 5450248088240 |
| Protection blade guard | 510108157 | 5450248571797 |
| Conveyor cart wheel (1x) | 00310004284 | 5450248072867 |
| Water pump | 00310004300 | 5450248073598 |

* Available on request

1



2



3



4



5



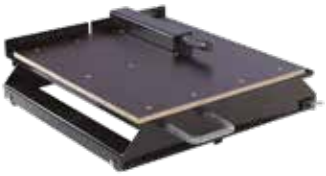
6



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10



11



## HOW TO SELECT ISC AND ISM MASONRY SAWS AND ACCESSORIES

| MAX. CUTTING LENGTH | FLAT OR MITRE CUT? | DRY OR WET CUTTING? | |
|---|---|---|---|
| | | WET | DRY |
| ISM<br>UP TO 500mm<br><br>ISC<br>UP TO 750mm<br> | <br>**Tilting table 0 to 45°**<br>ISM: 310004702<br>ISC: 310004539<br><br>**Flat conveyor cart**<br>ISM: 310004704<br>ISC: 310004703 | <br>**Water distribution kit**<br>310004732 | <br>**Hood**<br>310004552<br>⊕<br><br>**Dust extractor bag type**<br>310004544<br>OR<br>**Dust extractor cabinet type**<br>310004536 |

# NOTES

NORTON
SAINT-GOBAIN

clipper®

NEW

# COMPACTION EQUIPMENT

NORTON CLIPPER compaction machines are developed to offer maximum productivity, performance and durability. With excellent maneuverability and greater operator safety and efficiency, these machines are designed to compact all types of soils: from clay and silt to asphalt and mixed stone.

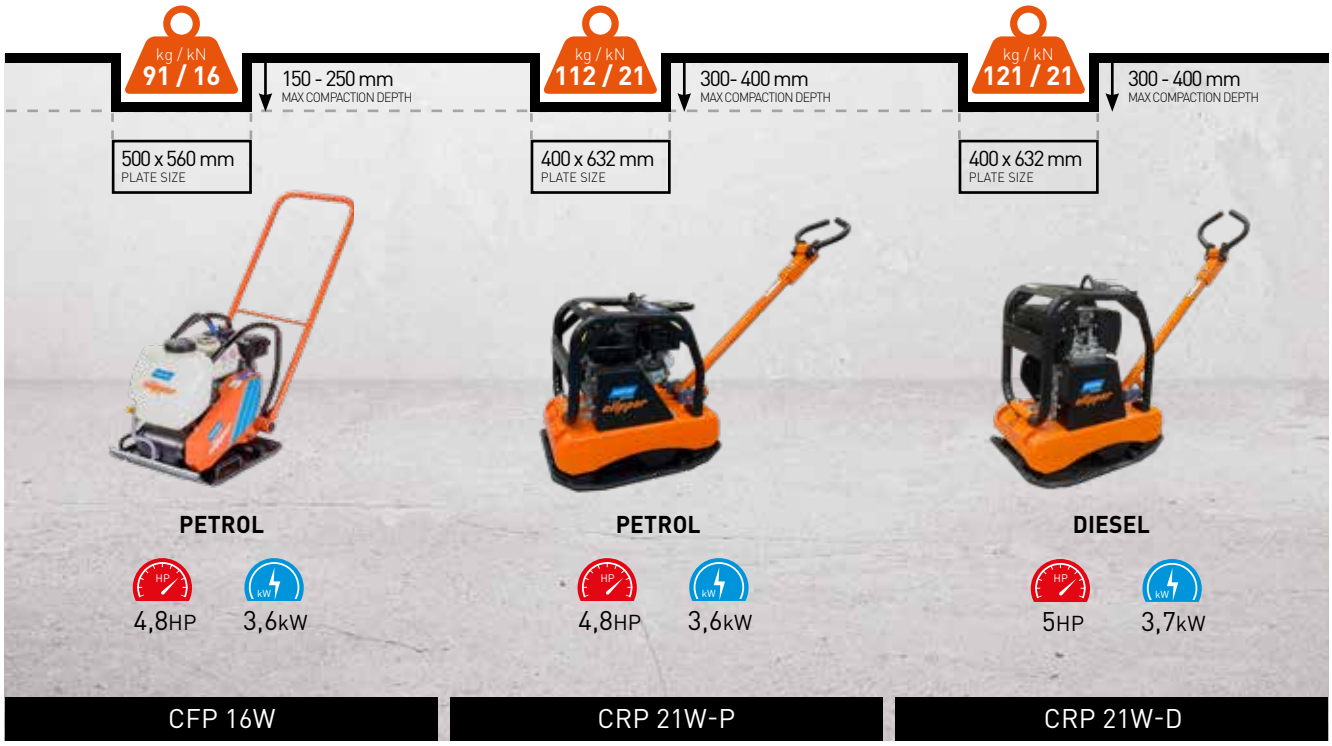




# FORWARD PLATES

| | CFP 11W | CFP 13W | CFP 14W-P | CFP 14W-D |
|---|---|---|---|---|
| kg / kN | 60 / 11 | 78 / 13 | 92 / 16 | 105 / 16 |
| MAX COMPACTION DEPTH | 150 - 250 mm | 150 - 250 mm | 150 - 250 mm | 150 - 250 mm |
| PLATE SIZE | 360 x 500 mm | 420 x 550 mm | 500 x 580 mm | 500 x 580 mm |
| |  |  |  |  |
| | PETROL | PETROL | PETROL | DIESEL |
| | 4,8HP / 3,6kW | 4,8HP / 3,6kW | 4,8HP / 3,6kW | 5HP / 3,7kW |

# FORWARD PLATES




# UPRIGHT RAMMER



# NEW FORWARD PLATES

## FEATURES & BENEFITS

- Foldable handles to minimise the space required in vehicles for transport and easy storage
- Plastic water tank avoids the risk of rust from metal water tanks. The wide opening makes it easier to refill on site
- Wide sprinkler bar to ensure water covers the full width of the plate, preventing tarmac from sticking
- Tap to allow shut off of water flow in transport
- Lifting and handling points are easily accessible for safe handling
- Shaped base plate provides improved manoeuvrability and reduces marking of surfaces when turning the machine




| PRODUCT DATA | 4,8HP 3,6kW PETROL<br>CFP 11W* | 4,8HP 3,6kW PETROL<br>CFP 13W | 4,8HP 3,6kW PETROL<br>CFP 14W-P | 5HP 3,7kW DIESEL<br>CFP 14W-D |
|---|---|---|---|---|
| Item No. | 70184631437 | 70184608007 | 70184608010 | 70184608009 |
| EAN | 5450248799191 | 5450248768197 | 5450248768210 | 5450248768203 |
| Engine | Honda GX160 | Honda GX160 | Honda GX160 | Diesel Hatz 1B20 |
| Power | 3,6 kW (4,8 Hp) | 3,6 kW (4,8 Hp) | 3,6 kW (4,8 Hp) | 3,7 kW (5 Hp) |
| Sound | 103 dB | 103 dB | 108 dB | 108 dB |
| Plate thickness | Steel : 8mm | Steel : 8mm | Cast iron : 9mm | Cast iron : 9mm |
| Plate size | 360 x 500 | 420 x 550 mm | 500 x 580 mm | 500 x 580 mm |
| Frequency | 90 Hz | 90 Hz | 90 Hz | 90 Hz |
| Centrifugal power | 11 kN | 13 kN | 16 kN | 16 kN |
| Speed | 22 m/min | 22 m/min | 20 m/min | 20 m/min |
| Max compaction depth | 15-25 cm | 15-25 cm | 15-25 cm | 15-25 cm |
| Water tank | 9 l | 9 l | 14 l | 14 l |
| Hand-arm vibration | 2,5 m/s² | 9,2 m/s² | 8,9 m/s² | 8,9 m/s² |
| Weight | 60 kg | 78 kg | 92 kg | 105 kg |
| Static pressure | 490 kg/m² | 530 kg/m² | 387 kg/m² | 447 kg/m² |
| Reversible | No | No | No | No |
| Transport wheels | Included | | | |
| Application | Asphalt, pavements & soils | | | |
| Vulkollan® rubber pad | | 310535021 (optional) | 310535023 (optional) | 310535023 (optional) |

* - 70184631594 - CFP11W also available without wheels and no water system

## PRODUCT FEATURES



FULL COVERAGE OF THE PLATE FROM WATER DISTRIBUTION SYSTEM




OPTIONAL VULKOLLAN RUBBER PAD TO COMPACT PAVERS



REMOVABLE TRANSPORT WHEELS



RECLINABLE HANDLE ROLLBAR AND TANK




PLATE WITH ROUNDED EDGES FOR OPTIMAL SURFACE FINISH




| PRODUCT DATA | 4,8HP 3,6kW PETROL<br>CFP 16W | 4,8HP 3,6kW PETROL<br>CRP 21W-P | 5HP 3,7kW DIESEL<br>CRP 21W-D |
|---|---|---|---|
| Item No. | 70184608011 | 70184609565 | 70184609566 |
| EAN | 5450248768227 | 5450248789796 | 5450248789802 |
| Engine | Honda GX160 | Honda GX160 | Diesel Hatz 1B20 |
| Power | 3,6 kW (4,8 Hp) | 3,6kW (4,8HP) | 3,7kW (5HP) |
| Sound | 103 dB | 108 dB | 108 dB |
| Plate thickness | Steel : 8mm | Cast iron : 9mm | Cast iron : 9mm |
| Plate size | 500 x 560 mm | 400 x 632 | 400 x 632 |
| Frequency | 90 Hz | 90 Hz | 90 Hz |
| Centrifugal power | 16 kN | 21 kN | 21 kN |
| Speed | 25 m/min | 25-30 m/mm | 25-30 m/mm |
| Max compaction depth | 15-25 cm | 30-40 cm | 30-40 cm |
| Water tank | 9 l | - | - |
| Hand-arm vibration | 9,2 m/s² | 2,06 m/s² | 2,2 m/s² |
| Weight | 91 kg | 112 kg | 121 kg |
| Static pressure | 877 kg/m² | 718 kg/m² | 766 kg/m² |
| Reversible | No | Yes | Yes |
| Transport wheels | | Included | |
| Application | | Asphalt, pavements & soils | |
| Vulkollan® | 310535022 (optional) | - | - |

# NEW CR16

## FEATURES & BENEFITS

- Throttle lever positioned close to the handle for easy control
- Transport wheels available
- Steel plating protects the engine during use and transport
- Hardened steel plate for maximum durability
- Lifting and handling points are easily accessible for safe handling



## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184608012 |
| EAN | 5450248768234 |

3,5HP 2,6kW PETROL

| | |
|---|---|
| Power | 2,6 kW (3,5 HP) |
| Engine | Honda GX120 |
| Sound | 108 dB |
| Plate size | 280 x 330 mm |
| Centrifugal power | 16 kN |
| Speed | 15 m/min |

| | |
|---|---|
| Max compaction depth | 60-70 cm |
| Hand-arm vibration | 8 m/s² |
| Weight | 70 kg |
| Transport wheels | Included |
| Application | Granular & cohesive soils |

## PRODUCT FEATURES



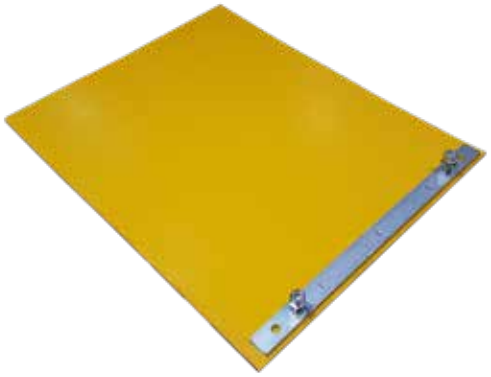
EASY LOADING AND POSITIONING THANKS TO THE WHEEL KIT ON THE HANDLE



PLATE MADE OF STEEL, WEAR RESISTANT

## FORWARD PLATES

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Vulkollan® pad for CFP13W | 310535021 | 5450248770916 |
| Vulkollan® pad for CFP16W | 310535022 | 5450248770923 |
| Vulkollan® pad for CFP14W | 310535023 | 5450248770930 |



NORTON SAINT-GOBAIN clipper®

# FLOOR SAWS

The Norton Clipper floor saw range exists in a wide range of blade diameters, motorizations and powers to suit all applications from small road repairs to airfield work sites. Use with Norton Clipper diamond blades for optimal results.






# PETROL / DIESEL

Ø300/350* mm

100/125*mm
MAX CUT DEPTH



5,4HP 4kW

SPEEDY CART

Ø350 mm

125mm
MAX CUT DEPTH



PETROL

6,5HP 4,8kW

C51

Ø450 mm

170mm
MAX CUT DEPTH




PETROL / DIESEL*

13HP 9,6kW
7HP* 5kW*

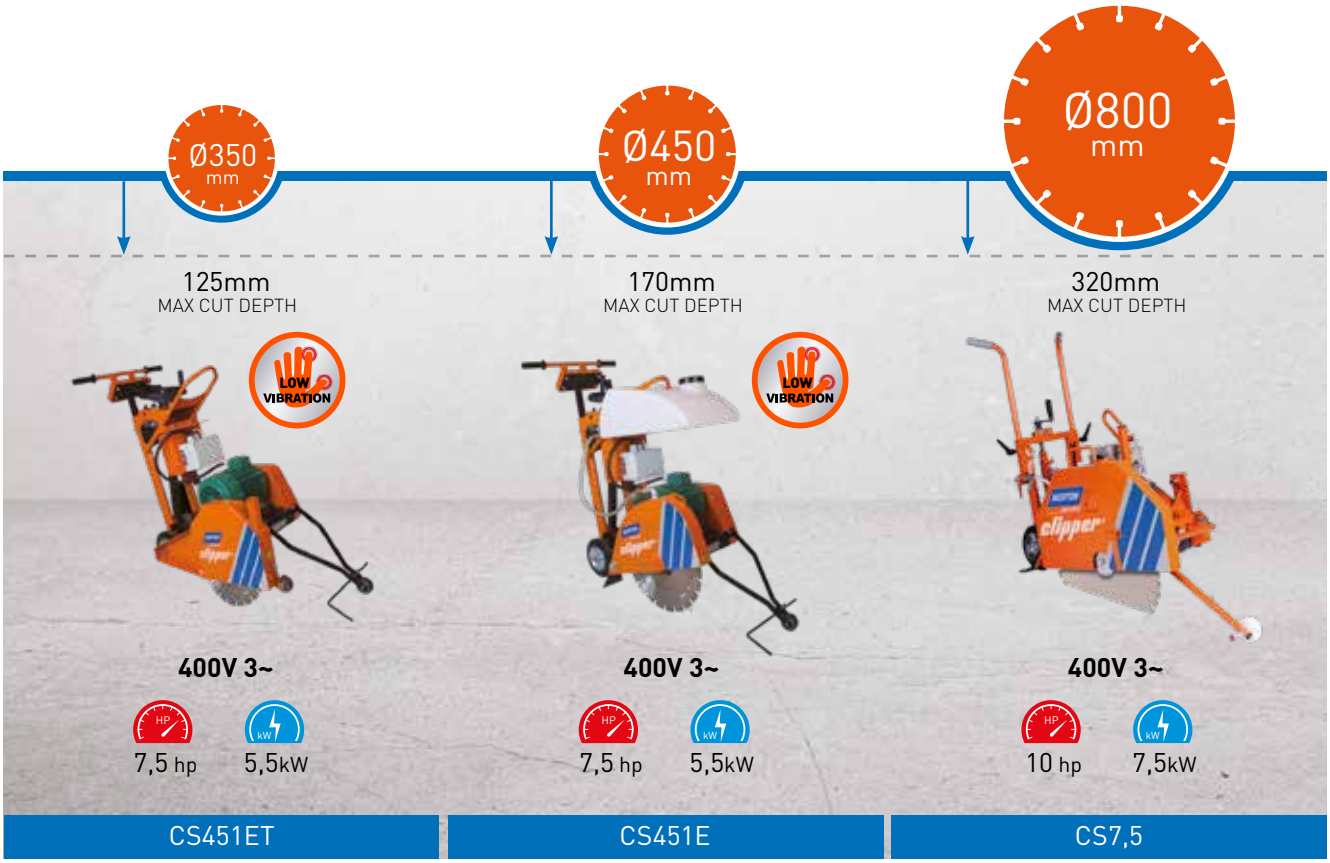
CS451

# PETROL / DIESEL




| CS1 | CSB1 |
|---|---|

# ELECTRIC




| CS451ET | CS451E | CS7,5 |
|---|---|---|

# SPEEDY CART

- This Speedy cart transforms your hand held petrol saw into a floor saw for more flexibility.
- Compact design allowing easy storage when not in use.
- Rapid mounting and dismounting of the cut-off saw.
- Designed for optimal comfort while cutting.
- Easy to manoeuvre and ergonomic.
- Multipurpose and flexible, it can be used with several brands and machine models (*with optional cart adapters).



| DESCRIPTION | POWER | MAX Ø (mm) | MAX CUTTING DEPTH (mm) | DIMENSIONS (mm) | WEIGHT (kg) | ITEM NO. | EAN |
|---|---|---|---|---|---|---|---|
| Speedy cart including Norton Clipper's adapter | - | - | - | 1100 x 1000 x 470 | 38,8 | 70184602496 | 5450248731412 |
| Speedy cart + CP512 Petrol Saw | 4kW | 300 | 100 | 1100 x 1000 x 470 | 48,9 | 70184602520 | 5450248732396 |
| Speedy cart + CP512 iLube Petrol Saw | 4kW | 300 | 100 | 1100 x 1000 x 470 | 50 | 70184602521 | 5450248732402 |
| Speedy cart + CP514 Petrol Saw | 4kW | 350 | 125 | 1100 x 1000 x 470 | 50,2 | 70184602522 | 5450248732419 |
| Speedy cart + CP514 iLube Petrol Saw | 4kW | 350 | 125 | 1100 x 1000 x 470 | 50,3 | 70184602523 | 5450248732426 |

## PRODUCT FEATURES



ERGONOMIC THROTTLE HANDLE



RISE / LOWER SYSTEM



ADJUSTABLE HANDLE POSITION



EASY MOUNTING OF THE CUT-OFF SAW



**Clipper's Tip**

The Norton Clipper SPEEDY CART is designed to work with the most popular high-speed saws, making easy work of any concrete, asphalt, or curb cutting job. Featuring precise depth adjustment, effortless rolling wheels, and ergonomic controls, makes this product a must-have accessory for high-speed saw cutting.

Norton Clipper SPEEDY CART is built to last, with a durable and long lasting steel frame. Its user-friendly design and ease of operation, makes the SPEEDY CART the smoothest floor cutting accessory on the market today.

## CART ADAPTERS*

| MACHINE MODELS | ITEM NO. | EAN |
|---|---|---|
| TS 410-420 | 310528864 | 5450248774600 |
| K760 | 310528865 | 5450248774617 |

# C51



- Compact design to help with storage when space is limited.
- Large diameter rear wheels that are coated with hard rubber, giving the machine stability and sturdiness.
- Easy to use cutting depth adjuster keeps the operator in control at all times.

## PRODUCT DATA

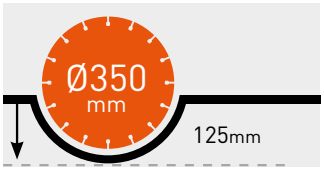
| | |
|---|---|
| Item No. | 70184683534 |
| EAN | 5450248141730 |

6,5 hp | 4,8kW | PETROL

| | |
|---|---|
| Power source | Petrol |
| Motor type | HONDA GX200 |
| Power | 4,8kW (6,5 hp) |
| Blade x bore | Ø 350 x 25,4mm |
| Max. cutting depth | 125mm |
| Dimensions (LxWxH) | 780 x 460 x 890mm |
| Weight | 63kg (empty water tank) |

| | |
|---|---|
| Water tank capacity (removable) | 20 L |
| Tool speed RPM | 2800 $min^{-1}$ |
| Starter | Recoil |
| Raise and lower | Manual |
| Propelling | Push |
| Hand Arm Vibrations | 6,02 $m/s^2$ |
| Sound power / pressure level | 100 dB (A) / 84 dB (A) |

## PRODUCT FEATURES



MAX CUT DEPTH


ADJUSTABLE HANDLE HEIGHT


SEALED WHEEL BEARINGS


REMOVABLE 20 LITRE POLYURETHANE WATER TANK

## DIAMOND BLADE RECOMMENDATIONS **FOR C51**



| Substrate / Material | BETON | SILENCIO | ASPHALT | ALL MATERIALS |
|---|---|---|---|---|
| Recommended Product | **EXTREME BETON** | **EXTREME BETON SILENCIO** | **EXTREME ASPHALT** | **PRO 4X4 EXPLORER** |
| Diameter | 350mm | 350mm | 350mm | 350mm |
| Bore | 25,4mm | 25,4mm | 25,4mm | 25,4mm |
| Item No. | 70184647790 | 70184628997 | 70184694537 | 70184602093 |
| Page reference | 33 | 32 | 66 | 54 |

# CS451 LOW VIBRATION

- Vibration absorbing handlebars reduces the intensity of hand-arm vibrations experienced by the operator and therefore extends working exposure time.
- Handlebars have height adjustment settings to suit the individual user.
- High capacity (25 litre) water tank allows wet-cutting even when working away from a water source.
- Well balanced due to optimised weight distribution.

YouTube
CS451




## CS451 P13

| | |
|---|---|
| Item No. | 70184628433 |
| EAN | 5450248397601 |

13 hp | 9,6kW | PETROL

| | |
|---|---|
| Power source | Petrol |
| Motor type | HONDA GX390 Cyclonic |
| Power | 9,6kW (13 hp) |
| Blade x bore | Ø 450 x 25,4mm |
| Max. cutting depth | 170mm |
| Dimensions (LxWxH) | 1180 x 538 x 1040mm |
| Water tank capacity (removable) | 25 L |
| Tool speed RPM | 2573 $min^{-1}$ |
| Starter | Recoil |
| Raise and lower | Manual |
| Propelling | Push |
| Hand Arm Vibrations | 2,8 $m/s^2$ |
| Sound power / pressure level | 105 dB (A) / 88 dB (A) |
| Weight | 112kg |

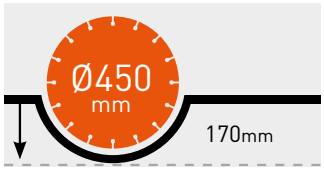
## CS451 D7

| | |
|---|---|
| Item No. | 70184629089 |
| EAN | 5450248399049 |

7 hp | 5kW | DIESEL

| | |
|---|---|
| Power source | Diesel |
| Motor type | HATZ 1B30 |
| Power | 5kW (7 hp) |
| Blade x bore | Ø 450 x 25,4mm |
| Max. cutting depth | 170mm |
| Dimensions (LxWxH) | 1180 x 538 x 1040mm |
| Water tank capacity (removable) | 25 L |
| Tool speed RPM | 2573 $min^{-1}$ |
| Starter | Recoil |
| Raise and lower | Manual |
| Propelling | Push |
| Hand Arm Vibrations | 4,7 $m/s^2$ |
| Sound power / pressure level | 110 dB (A) / 91 dB (A) |
| Weight | 120kg |

## PRODUCT FEATURES



MAX CUT DEPTH


LOW VIBRATION HANDLEBAR


CUT DEPTH INDICATOR


CYCLONIC AIR FILTER

## DIAMOND BLADE RECOMMENDATIONS **FOR CS451**



| Substrate / Material | BETON | SILENCIO | ASPHALT | ALL MATERIALS |
|---|---|---|---|---|
| Recommended Product | **EXTREME BETON** | **EXTREME BETON SILENCIO** | **EXTREME ASPHALT** | **PRO 4X4 EXPLORER** |
| Diameter | 450mm | 450mm | 450mm | 450mm |
| Bore | 25,4mm | 25,4mm | 25,4mm | 25,4mm |
| Item No. | 70184602363 | 70184631020 | 70184694912 | 70184602096 |
| Page reference | 33 | 32 | 66 | 54 |

# CS1 P13




- The heavy duty jig welded steel frame makes this machine robust, hardwearing and reliable.
- Hand wheel and endless screw depth control system for quick, easy and accurate setting.
- Blade shaft is mounted on 'greased-for-life' pillow block bearings for easy maintenance.
- Water flow control system on both sides of the blade for optimised performance.

## PRODUCT DATA

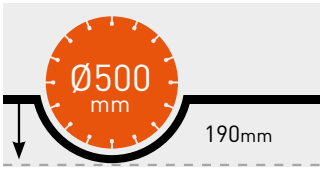
| | |
|---|---|
| Item No. | 70184629389 |
| EAN | 5450248414797 |

13 hp | 9,6kW | PETROL

| | |
|---|---|
| Power source | Petrol |
| Motor type | HONDA GX390 Cycl. |
| Power | 9,6kW (13 hp) |
| Blade x bore | Ø 500 x 25,4mm |
| Max. cutting depth | 190mm |
| Dimensions (LxWxH) | 1088 x 580 x 925mm |
| Weight | 140kg |

| | |
|---|---|
| Water tank capacity | 70 L |
| Tool speed RPM | 2600 $min^{-1}$ |
| Starter | Recoil |
| Raise and lower | Manual |
| Propelling | Push |
| Hand Arm Vibrations | 4,22 $m/s^2$ |
| Sound power / pressure level | 105dB(A)/89dB(A) |

## PRODUCT FEATURES



MAX CUT DEPTH


HANDWHEEL WITH ENDLESS SCREW DEPTH CONTROL SYSTEM


WATER ON BOTH SIDES OF THE BLADE


CYCLONIC AIR FILTER

## DIAMOND BLADE RECOMMENDATIONS **FOR CS1**



| Substrate / Material | BETON | SILENCIO | ASPHALT | ALL MATERIALS |
|---|---|---|---|---|
| Recommended Product | **EXTREME BETON** | **EXTREME BETON SILENCIO** | **EXTREME ASPHALT** | **PRO 4X4 EXPLORER** |
| Diameter | 500mm | 500mm | 500mm | 500mm |
| Bore | 25,4mm | 25,4mm | 25,4mm | 25,4mm |
| Item No. | 70184601690 | 70184630416 | 70184694913 | 70184602097 |
| Page reference | 33 | 32 | 66 | 54 |

# CSB1 P21

- The welded steel frame is heavy duty and durable.
- A removable water tank ensures that the machine can be used even when away from a water source.
- Automatic forward propulsion adds to the ease of use.
- Manual, hydraulic raising and lowering of the blade helps the operator be more precise in the depth of their cut.




## PRODUCT DATA

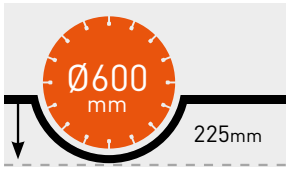
| | |
|---|---|
| Item No. | 70184645495 |
| EAN | 5450248530794 |

20 hp | 15kW | PETROL

| | |
|---|---|
| Power source | Petrol |
| Motor type | HONDA GX630 |
| Power | 15kW (20 hp) |
| Blade x bore | Ø 600 x 25,4mm |
| Max. cutting depth | 225mm |
| Dimensions (LxWxH) | 1200 x 600 x 1100mm |
| Weight | 240kg |

| | |
|---|---|
| Water tank capacity | Optional (25l accessory) |
| Tool speed RPM | 1775 $min^{-1}$ |
| Starter | Electric |
| Raise and lower | Manual hydraulic |
| Propelling | Automatic |
| Hand Arm Vibrations | 3,35 $m/s^2$ |
| Sound power / pressure level | 107 dB(A)/89 dB(A) |

## PRODUCT FEATURES



MAX CUT DEPTH


CONTROL BOX


MANUAL OR HYDRAULIC RAISE & LOWER THE BLADE


REMOVABLE WATER TANK (OPTIONAL)

## DIAMOND BLADE RECOMMENDATIONS **FOR CSB1 (PETROL)**



| Substrate / Material | BETON | BETON | ASPHALT | ASPHALT |
|---|---|---|---|---|
| Recommended Product | **EXTREME BETON** | **PRO BETON** | **EXTREME ASPHALT 10** | **PRO ASPHALT** |
| Diameter | 600mm | 600mm | 600mm | 600mm |
| Bore | 25,4mm | 25,4mm | 25,4mm | 25,4mm |
| Item No. | 70184601691 | 70184611982 | 70184640192 | 70184611980 |
| Page reference | 33 | 35 | 66 | 67 |




# CSB1 D13*

- The manual hydraulic raising/lowering function gives the operator greater control and accuracy over their process.
- Built in water tank provides wet cutting autonomy in isolated locations.
- Lifting eye positioned at the centre of gravity makes for easy loading and transportation.
- High resistance wheels with sealed heavy duty bearings deliver a smooth, straight cut.

* Available on request

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184613925 |
| EAN | 5450248142829 |

13 hp | 9,6kW | DIESEL

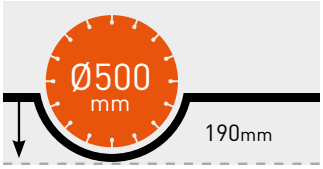
| | |
|---|---|
| Power source | Diesel |
| Motor type | HATZ 1D81 Z |
| Power | 9,6kW (13 hp) |
| Blade x bore | Ø 500 x 25,4mm |
| Max. cutting depth | 190mm |
| Dimensions (LxWxH) | 1200 x 600 x 1040mm |
| Weight | 255kg |
| Water tank capacity | 40 L |
| Tool speed RPM | 1950 $min^{-1}$ |
| Starter | Crank |
| Raise and lower | Manual hydraulic |
| Propelling | Automatic |
| Hand Arm Vibrations | 5,08 $m/s^2$ |
| Sound power / pressure level | 114 dB(A) /101 dB(A) |

### KIT FOR 600MM BLADE GUARD

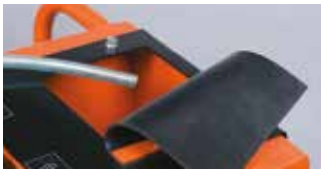


| | |
|---|---|
| Item No. | 310005876 |
| EAN | 5450248129226 |

## PRODUCT FEATURES



MAX CUT DEPTH


BUILT-IN WATER TANK


MANUAL OR HYDRAULIC RAISE & LOWER THE BLADE


BUILT-IN LIFTING EYE

## DIAMOND BLADE RECOMMENDATIONS **FOR CSB1 (DIESEL)**



| Substrate / Material | BETON | SILENCIO | ASPHALT | ALL MATERIALS |
|---|---|---|---|---|
| Recommended Product | **EXTREME BETON** | **EXTREME BETON SILENCIO** | **EXTREME ASPHALT** | **PRO 4X4 EXPLORER** |
| Diameter | 500mm | 500mm | 500mm | 500mm |
| Bore | 25,4mm | 25,4mm | 25,4mm | 25,4mm |
| Item No. | 70184601690 | 70184630416 | 70184694913 | 70184602097 |
| Page reference | 33 | 32 | 66 | 54 |

# CS451 E & ET LOW VIBRATION

- Vibration absorbing handlebars that reduce the intensity of hand-arm vibrations experienced by the operator and increases working time.
- The handle height is adjustable to satisfy a spectrum of cutting depths with precision. This is further enhanced by the continuous depth control feature.
- Suitable for wet and dry cutting with the water hose connector and dust extraction port.






CS451 ET BLADE GUARD

## CS451 E

| | |
|---|---|
| Item No. | 70184601973 |
| EAN | 5450248716822 |

7,5 hp | 5,5kW | 400V 3~

| | |
|---|---|
| Supply Voltage / Power | 400V 3~ / 5,5kW (7,5 hp) |
| Fuse/Generator | 16A / 14kVA |
| Blade x bore | Ø 450 x 25,4mm |
| Max. cutting depth | 170mm |
| Dimensions (LxWxH) | 1160 x 512 x 990mm |
| Water tank capacity (removable) | 25 L |
| Tool speed RPM | 2850 $min^{-1}$ |
| Starter | Electric |
| Raise and lower | Manual |
| Propelling | Push |
| **Hand Arm Vibrations** | **<2,5 m/s²** |
| Sound power / pressure level | 94 dB (A) / 80 dB (A) |
| Weight | 105kg |

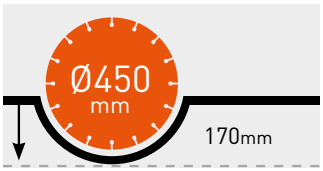
## CS451 ET

| | |
|---|---|
| Item No. | 70184601972 |
| EAN | 5450248716815 |

7,5 hp | 5,5kW | 400V 3~

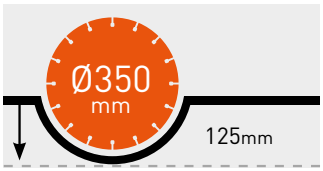
| | |
|---|---|
| Supply Voltage / Power | 400V 3~ / 5,5kW (7,5 hp) |
| Fuse/Generator | 16A / 14kVA |
| Blade x bore | Ø 350 x 25,4mm |
| Max. cutting depth | 125mm |
| Dimensions (LxWxH) | 1160 x 512 x 990mm |
| Water tank capacity (removable) | N/A |
| Tool speed RPM | 2850 $min^{-1}$ |
| Starter | Electric |
| Raise and lower | Manual |
| Propelling | Push |
| **Hand Arm Vibrations** | **<2,5 m/s²** |
| Sound power / pressure level | 94 dB (A) / 80 dB (A) |
| Weight | 105kg |

## PRODUCT FEATURES



MAX CUT DEPTH
CS451 E


TWIN BLADE MOUNTING
(CS451 E ONLY)



MAX CUT DEPTH
CS451 ET


WATER HOSE CONNECTOR
(CS451 E ONLY)

## DIAMOND BLADE RECOMMENDATIONS **FOR CS451 E & ET**




| Substrate / Material | | BETON | SILENCIO | ASPHALT | ALL MATERIALS |
|---|---|---|---|---|---|
| Recommended Product | | **EXTREME BETON** | **EXTREME BETON SILENCIO** | **EXTREME ASPHALT** | **PRO 4X4 EXPLORER** |
| CS451 E | Blade x Bore | 450 x 25,4mm | 450 x 25,4mm | 450 x 25,4mm | 450 x 25,4mm |
| | Item No. | 70184602363 | 70184631020 | 70184694912 | 70184602096 |
| CS451 ET | Blade x Bore | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm | 350 x 25,4mm |
| | Item No. | 70184647790 | 70184628997 | 70184694537 | 70184602093 |
| Page reference | | 33 | 32 | 66 | 54 |




# CS7,5 E

- Electrical motor provides a clean, emission free, low noise, and low vibration solution. The motor is also removable to help with storage in confined areas.
- Tough, heavy duty steel frame that is built to last.

## PRODUCT DATA

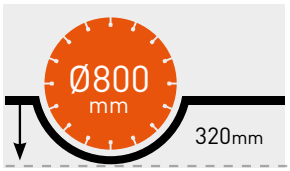
| | |
|---|---|
| Item No. | 70184623924 |
| EAN | 5450248333623 |

10 hp | 7,5kW | 400V 3~

| | |
|---|---|
| Supply Voltage / Power | 400V 3~ / 7,5kW (10 hp) |
| Fuse/Generator | 16A / 19 kVA |
| Blade x bore | Ø 800 x25,4mm |
| Max. cutting depth | 320mm |
| Dimensions (LxWxH) | 1270 x 580 x 1000mm |
| Weight | 118kg |

| | |
|---|---|
| Tool speed RPM | 1460 $min^{-1}$ |
| Starter | Electric |
| Raise and lower | Manual |
| Propelling | Push |
| Hand Arm Vibrations | 4,86 $m/s^2$ |
| Sound power / pressure level | 94 dB (A) / 80 dB (A) |

## PRODUCT COMPARISON



MAX CUT DEPTH


ADJUSTABLE HANDLE


DEPTH CONTROL HAND WHEEL


WATER HOSE CONNECTOR

## DIAMOND BLADE RECOMMENDATIONS **FOR CS7,5 E**



| | |
|---|---|
| Substrate / Material | BETON |
| Recommended Product | **EXTREME BETON** |
| Diameter | 800mm |
| Bore | 25,4mm |
| Item No. | 70184601693 |
| Page reference | 33 |

## FLOOR SAW ACCESSORIES AVAILABLE ON **PAGE 178**



# FLOOR SAW ACCESSORIES

## C51

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 4 - Front wheel (x1) | 310006082 | 5450248136507 |
| 5 - Rear wheel (x1) | 310005495 | 5450248122036 |
| Belts | 310006076 | 5450248136446 |

## CS451 P13

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 1 - Kit for twin blade mounting (18mm) | 310357954 | 5450248446507 |
| 4 - Front wheel (x2) | 510101401 | 5450248552536 |
| 5 - Rear wheel (x2) | 510101399 | 5450248552512 |
| Belts | 310349309 | 5450248398875 |

## CS1 P13

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 4 - Front wheel (x2) | 310461922 | 5450248595717 |
| 5 - Rear wheel (x2) | 310461921 | 5450248595700 |
| Belts | 310006958 | 5450248189152 |

## CSB1 D13

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 2 - Kit for 600mm blade guard | 310005876 | 5450248129226 |
| 4 - Front wheel (x1) | 310004260 | 5450248071839 |
| 5 - Rear wheel (x1) | 310004873 | 5450248108047 |
| Belts | 310005852 | 5450248128892 |
| Ventilator belt | 310004178 | 5450248068969 |

## CS451 D7

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 1 - Kit for twin blade mounting (18mm) | 310357954 | 5450248446507 |
| 4 - Front wheel (x2) | 510101401 | 5450248552536 |
| 5 - Rear wheel (x2) | 510101399 | 5450248552512 |
| Belts | 310360982 | 5450248525097 |

## CSB1 P21

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Kit guard + pulleys for Ø350mm (CSB1 P21) | 310006678 | 5450248176725 |
| 3 - Kit water tank | 310419088 | 5450248534402 |
| 4 - Front wheel (x1) | 310004260 | 5450248071839 |
| 5 - Rear wheel (x1) | 310004873 | 5450248108047 |
| Belts | 310031861 | 5450248442622 |
| Ventilator belt | 310004455 | 5450248081760 |

## SPEEDY CART

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 6 - Water tank 11l | 310521698 | 5450248755494 |
| Cart adapter: TS 410-420 | 310528864 | 5450248774600 |
| Cart adapter: K760 | 310528865 | 5450248774617 |

1



2



3



4



5



6

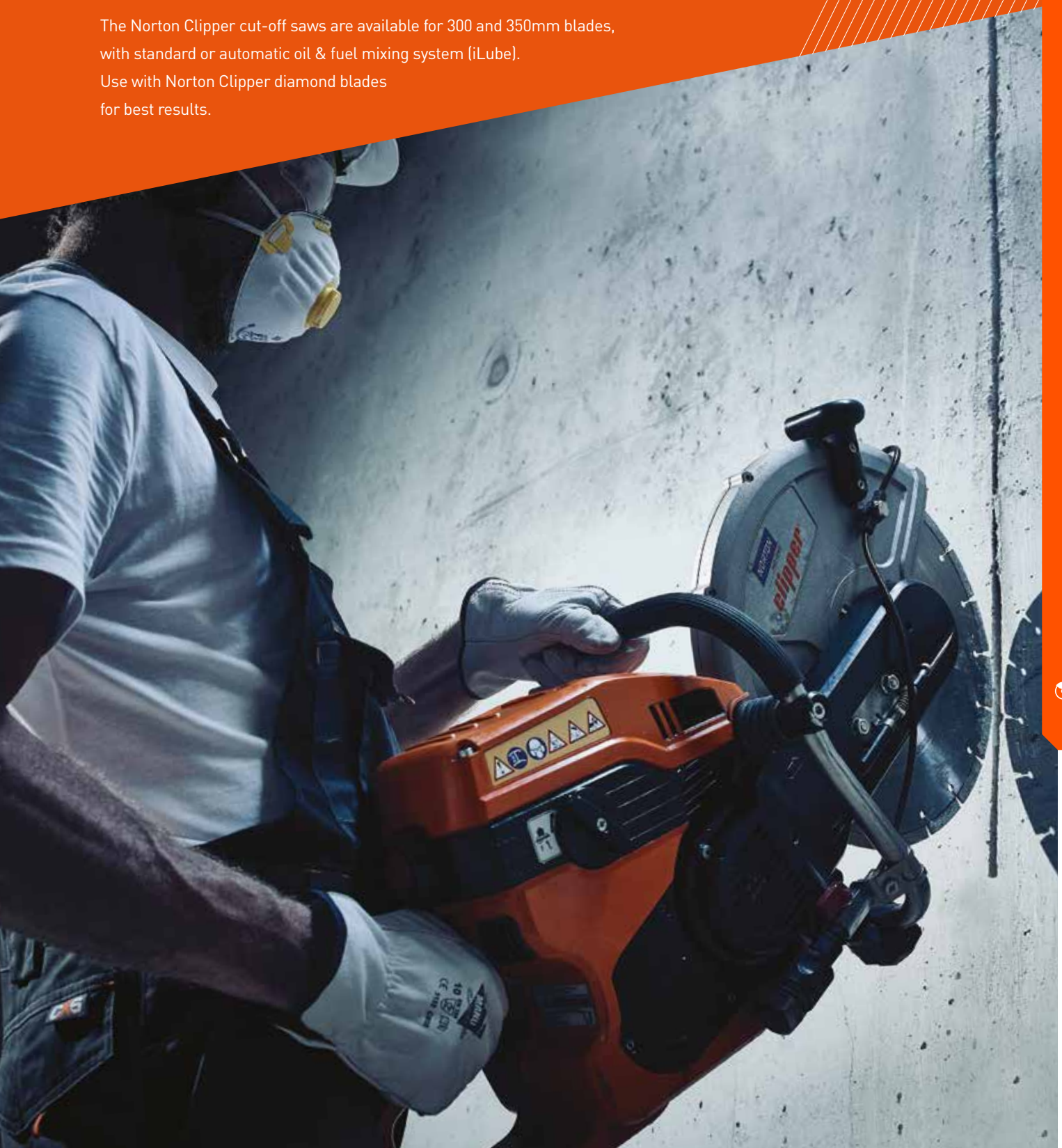


# NOTES

NORTON SAINT-GOBAIN clipper®

# HANDHELD CUT-OFF SAWS

The Norton Clipper cut-off saws are available for 300 and 350mm blades, with standard or automatic oil & fuel mixing system (iLube). Use with Norton Clipper diamond blades for best results.





## CP512 RANGE

Ø300 mm

100mm
MAX CUT DEPTH



**PETROL/ WITH iLUBE®**

5,4 hp 4kW

CP512 300 / WITH iLUBE®

## CP514 RANGE

Ø350 mm

125mm
MAX CUT DEPTH



**PETROL /WITH iLUBE®**

5,4 hp 4kW

CP514 350 / WITH iLUBE®

# CP512 & CP514

**Clipper's Tip**

Compatible with the all new **Speedy Cart**.
See full details on page 132.

POWERFUL 4kW 5,4HP power in a compact design





## USER-FRIENDLY

- Electronic carburator allows an easy 3-step engine start. No more choke or half-throttle set-up.
- Easy stopping: just press the red button!
- 5-spring anti-vibration system.
- Back-end handle and enhanced weight balance.
- iLube®: No more worrying about 2-stroke fuel mixtures. Just fill with regular fuel and 2-stroke oil.

## LONG-LIFE & LOW MAINTENANCE

- Easy semi-automatic belt tensioning.
- Multi-Stage Air Filter with pulsating air streams. Fitted with external rocker wheel to prevent filters from clogging.
- Magnesium blade guard for extra safety and lighter weight. Nikasil-coated cylinder & heavy duty starter rope for longer life.
- V-belt for driving cutting blade.
- Tank caps with over-tightenting protection.

| | CP512 300 | CP512 300 iLUBE® | CP514 350 | CP514 350 iLUBE® |
|---|---|---|---|---|
| Item No. | 70184647558 | 70184647560 | 70184647562 | 70184647564 |
| EAN | 5450248563105 | 5450248563112 | 5450248563129 | 5450248563136 |
| Power | 4,0kW / 5,4 hp | 4,0kW / 5,4 hp | 4,0kW / 5,4 hp | 4,0kW / 5,4 hp |
| Max. blade x bore | Ø 300 x 20 / 25,4mm | Ø 300 x 20 / 25,4mm | Ø 350 x 20 / 25,4mm | Ø 350 x 20 / 25,4mm |
| Max. cutting depth | 100mm | 100mm | 125mm | 125mm |
| Rotation speed (RPM) | 4450 $min^{-1}$ | 4450 $min^{-1}$ | 4450 $min^{-1}$ | 4450 $min^{-1}$ |
| Petrol + oil | ≥ 92 RON +2% | ≥ 92 RON + iLube® Automatic Mix | ≥ 92 RON +2% | ≥ 92 RON + iLube® Automatic Mix |
| Water cooling | ✓ | ✓ | ✓ | ✓ |
| Sound power / pressure level | 108 dB (A) / 98 dB (A) | 108 dB (A) / 98 dB (A) | 108 dB (A) / 98 dB (A) | 108 dB (A) / 98 dB (A) |
| Dimensions | 430 x 267 x 750mm | 430 x 267 x 750mm | 430 x 267 x 775mm | 430 x 267 x 775mm |
| Weight | 10,1kg | 10,2kg | 10,4kg | 10,5kg |

The Norton Clipper handheld cut-off saws are covered by a 6 month commercial warranty, from the date of sale. Warranty conditions are detailed in the instruction manual.

## DIAMOND BLADE **FOR CP512 & CP514**



| Substrate / Material | | BETON | SILENCIO | UNIVERSAL | NATURAL STONE | ALL MATERIALS |
|---|---|---|---|---|---|---|
| Recommended Product | | **EXTREME BETON** | **EXTREME BETON SILENCIO** | **EXTREME UNIVERSAL TURBO** | **EXTREME GRANITE** | **PRO 4X4 EXPLORER** |
| CP512 | Blade x Bore | 300 x 20mm | 300 x 20mm | 300 x 20mm | 300 x 20mm | 300 x 20mm |
| | Item No. | 70184647787 | 70184629000 | 70184611230 | 70184601173 | 70184602022 |
| CP514 | Blade x Bore | 350 x 20mm | 350 x 20mm | 350 x 20mm | 350 x 25,4mm | 350 x 20mm |
| | Item No. | 70184647789 | 70184647780 | 70184611427 | 70184601174 | 70184602091 |
| Page reference | | 33 | 32 | 40 | 62 | 54 |

# ACCESSORIES & SPARE PARTS

1



2



3



## ACCESSORIES

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| 1 - 10L pressure water tank (metal) | 310464031 | 5450248684640 |
| 2 - 35L electric water tank | 310464029 | 5450248684633 |
| 3 - 11L pressure water tank (plastic) | 310521698 | 5450248755494 |
| Wheels | 510109845 | 4015966921081 |

## SPARE PARTS

| DESCRIPTION | ITEM No. | EAN |
|---|---|---|
| Air filter | 510107009 | 5450248568469 |
| Kit of 10 air filters | 510107010 | 5450248568476 |
| Belt | 510106974 | 5450248568377 |
| Carburetor repair kit (incl. instructions) | 510112803 | 5450248582267 |
| Starter rope | 510129769 | 5450248720232 |
| Return spring | 510129754 | 5450248720225 |






*Clipper's Tip*

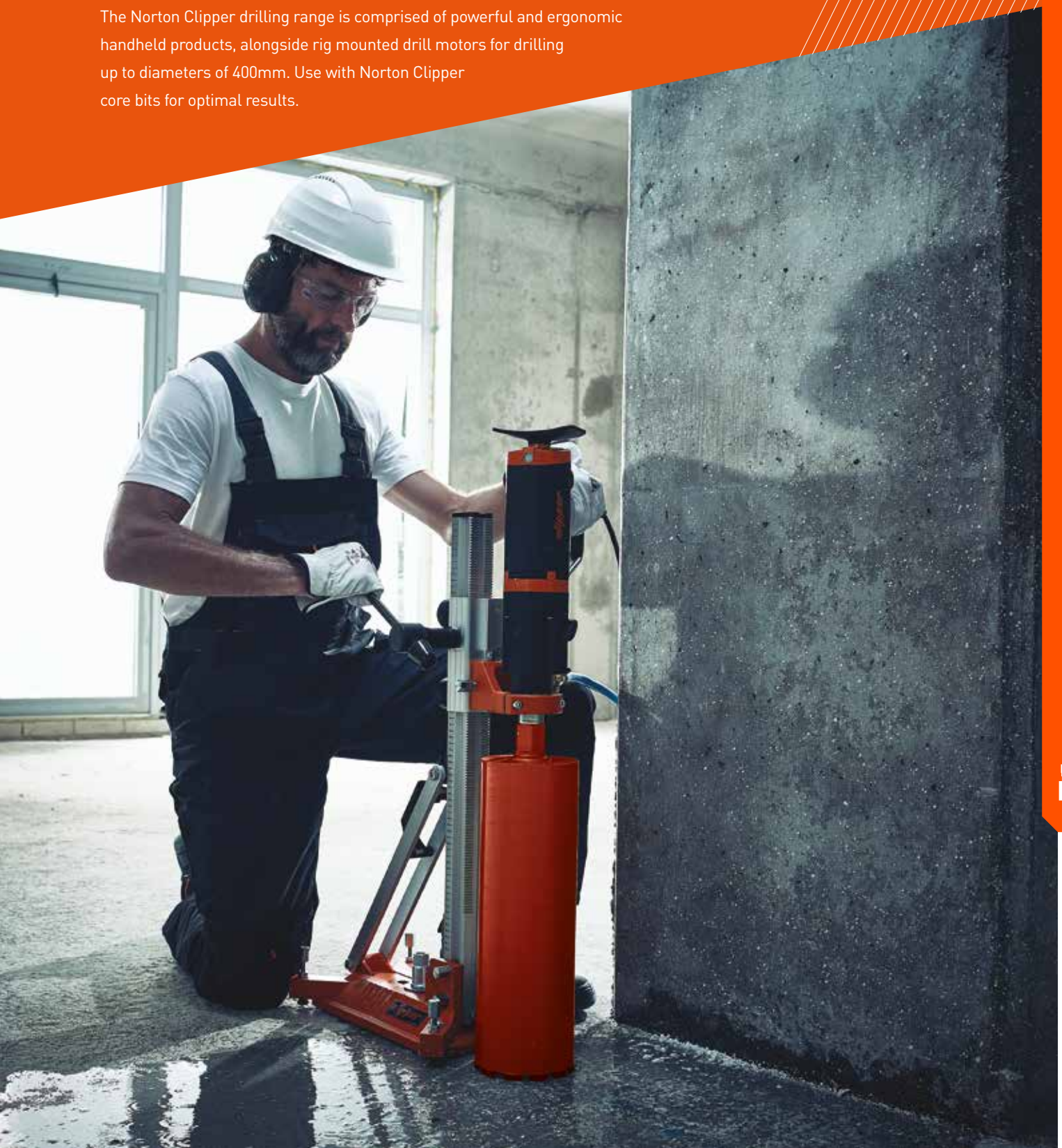
FOR MORE INFORMATION ON QUICK FIX SEE PAGE 54

NORTON
SAINT-GOBAIN

clipper®

# DRILL MOTORS & DRILLING RIGS

The Norton Clipper drilling range is comprised of powerful and ergonomic handheld products, alongside rig mounted drill motors for drilling up to diameters of 400mm. Use with Norton Clipper core bits for optimal results.






## HANDHELD

## RIG MOUNTED

| MINIMUM & MAXIMUM CORE DIAMETER | MINIMUM & MAXIMUM CORE DIAMETER | MINIMUM & MAXIMUM CORE DIAMETER | MINIMUM & MAXIMUM CORE DIAMETER |
|---|---|---|---|
| Ø15mm -160mm | Ø15mm -200mm | Ø25mm -250mm | Ø30mm -350mm |
|  |  |  |  |
| 8,1kg | 8,5kg | 12,5kg | 13,5kg |
| 1800w | 2000w | 2500w | 3300w |
| CDM 163 | CDM 203 | CDM 253 | CDM 353 |



# DRILL RIGS

| | CDR 133 | CDR 163 | CDR 253 | CDR 353 | CDP300&350 ROBO | CDR353 + SPACER |
|---|---|---|---|---|---|---|
| MAXIMUM CORE DIAMETER | Ø130 mm | Ø160 mm | Ø250 mm | Ø350 mm | Ø354 mm | Ø400 mm |
| |  |  |  |  |  |  |
| | 8,9kg | 9,6kg | 13kg | 23,4kg | 55kg | 23,9kg |
| | 0-45º | 0-45º | 0-45º | 0-45º | 0-45º | 0-45º |

# CDM 163

- Powerful 1800W motor delivers high performance in both handheld and rig-mounted drilling operators.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- 60mm ring on the body gives the potential for a wide range of drilling diameters.
- Overload protection keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- Can be used on a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

2 YEAR WARRANTY




1,8kW | Ø 15-160mm | 8,1kg | ½"+1 ¼" | 3 speeds

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184647807 |
| EAN | 5450248571568 |

| | |
|---|---|
| Power | 1800W |
| Volts | 230V1~ |
| Ø Range | 15-160mm |
| RPM* | 525/1150/2400 |

| | |
|---|---|
| Dry | Yes** |
| Wet | Yes |
| Connection | ½ + 1 ¼" |
| Weight | 8,1kg |

* RPM under load

** See our dust swivel on page 200

## PRODUCT FEATURES



COMBINED SPINDLE.



3-SPEED GEARBOX.



DIFFERENTIAL SWITCH
230 V 16 A – 10 mA

## DRILLING CORE BITS RECOMMENDED **FOR CDM 163**

| Substrate / Material | UNIVERSAL | BETON | BETON |
|---|---|---|---|
| Recommended Product | **CLASSIC CB UNIVERSAL** | **PRO CB BETON CROWNED** | **CLASSIC CB BETON** |
| OD : Outer Diameter | 28-132 | 16-51 | 51-151 |
| Page reference | 86 | 82 | 80 |

# CDM 203




- Powerful 2000W motor delivers high performance in both handheld and rig-mounted drilling operators.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- 60mm ring on the body gives the potential for a wide range of drilling diameters.
- Overload protection keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- Can be used on a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

2kW | Ø 15-200mm | 8,5kg | ½"+1 ¼" | 3 speeds

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184647808 |
| EAN | 5450248571575 |

| | |
|---|---|
| Power | 2000W |
| Volts | 230V1~ |
| Ø Range | 15-200mm |
| RPM* | 450/1050/2000 |

| | |
|---|---|
| Dry | Yes |
| Wet | Yes |
| Connection | ½ + 1 ¼" |
| Weight | 8,5kg |

* RPM under load

## PRODUCT FEATURES



COMBINED SPINDLE.



3-SPEED GEARBOX.



DUAL WATER-INLET AND DUST-COLLECTOR CONNECTOR



DIFFERENTIAL SWITCH 230 V 16 A – 10 mA

## DRILLING CORE BITS RECOMMENDED **FOR CDM 203**

| Substrate / Material | UNIVERSAL | BETON | BETON | BETON |
|---|---|---|---|---|
| Recommended Product | **EXTREME CB UNIVERSAL** | **EXTREME CB BETON** | **PRO CB BETON** | **CLASSIC CB BETON** |
| OD : Outer Diameter | 32-162 | 48-192 | 16-182 | 51-191 |
| Page reference | 86 | 78 | 79 | 80 |

# CDM 253

- Powerful, professional standard 2500W motor delivers high performance rig-mounted drilling operators.
- Standard motor mounting fixture fits the majority of drilling rigs on the market.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- Overload protector with LED indicator, keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- To be used in a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

2 YEAR WARRANTY




2,5kW | Ø 25-250mm | 12,5kg | 1 ¼" | 3 speeds

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184647809 |
| EAN | 5450248571582 |

| | |
|---|---|
| Power | 2500W |
| Volts | 230V1~ |
| Ø Range | 25-250mm |
| RPM* | 280/590/870 |

| | |
|---|---|
| Dry | No |
| Wet | Yes |
| Connection | 1 ¼" |
| Weight | 12,5kg |

* RPM under load

## PRODUCT FEATURES



EASY ACCESS TO MOTOR BRUSHES


3-SPEED GEARBOX.


FULL ALUMINIUM BODY FOR ENHANCED HEAT DISSIPATION


DIFFERENTIAL SWITCH 230 V 16 A – 10 mA

## DRILLING CORE BITS RECOMMENDED **FOR CDM 253**

| Substrate / Material | BETON | ASPHALT | GRANITE |
|---|---|---|---|
| Recommended Product | **EXTREME CB BETON** | **EXTREME CB ASPHALT** | **PRO CB GRANITE** |
| OD : Outer Diameter | 48-250 | 45-187 | 48-250 |
| Page reference | 78 | 94 | 90 |

# CDM 353




- Powerful, professional 3300W motor delivers high performance in rig-mounted drilling operators.
- Standard motor mounting fixture fits the majority of drilling rigs on the market.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- Overload protector with LED indicator, keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- To be used in a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

3,3kW | Ø 30-350mm | 13,5kg | 1 ¼" | 3 speeds

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184647810 |
| EAN | 5450248571599 |

| | |
|---|---|
| Power | 3300W |
| Volts | 230V1~ |
| Ø Range | 30-350mm |
| RPM* | 215/450/660 |

* RPM under load

| | |
|---|---|
| Dry | No |
| Wet | Yes |
| Connection | 1 ¼" |
| Weight | 13,5kg |

## PRODUCT FEATURES




EASY ACCESS TO MOTOR BRUSHES



3-SPEED GEARBOX.




FULL ALUMINIUM BODY FOR ENHANCED HEAT DISSIPATION



DIFFERENTIAL SWITCH
230 V 16 A – 10 mA

## DRILLING CORE BITS RECOMMENDED **FOR CDM 353**

| Substrate / Material | BETON | ASPHALT | GRANITE |
|---|---|---|---|
| Recommended Product | **EXTREME CB BETON** | **EXTREME CB ASPHALT** | **PRO CB GRANITE** |
| OD : Outer Diameter | 48-350 | 45-350 | 48-250 |
| Page reference | 78 | 94 | 90 |

# CDR 133/163

Aluminium drill stand combining rigidity, precision and ease of use. Accurate and smooth drilling guide of four high performance nylon rolls. Easily accessible guiding wheels for wear compensation adjustment.

- Made from a lightweight yet durable aluminium column.
- Left or right mounted, multi-purpose drive lever that is ideal for use in confined spaces and can be used for levelling and locking screws.
- Spirit level and roll guided carriage ensure accuracy throughout.
- Ring mounting motor collar for quick and easy mounting without the need for additional tools.
- Pre-mounted rig allows the operator to use the equipment straight from the box.




| Ø 130 / 160mm | 8,9-9,6kg | 600mm | 0 - 45° |
|---|---|---|---|

## CDR 133

| | |
|---|---|
| Item No. | 310468576 |
| EAN | 5450248690726 |

## CDR 163

| | |
|---|---|
| Item No. | 310468577 |
| EAN | 5450248690733 |

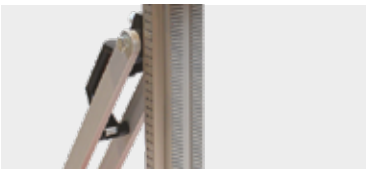
## PRODUCT DATA CDR 133

| | |
|---|---|
| Diam. Max | 130mm |
| Hub | 600mm |
| Column | Aluminium |
| Column section | 45 x 60mm |
| Base | Dowel + vaccum |
| Base dimensions | 230 x 380mm |
| Height | 910mm |
| Weight | 8,9kg |
| Bit guide | No |
| Motor mounting plate | Ring 60mm |
| Carriage | Aluminium |
| Carriage Guiding system | Rolls |
| Carriage handle | Yes |
| Carriage travel | 1:1 |
| Braces | No |
| Tilting | 0-45° |
| Spirit level | No |
| Transport wheels | No |

## PRODUCT DATA CDR 163

| | |
|---|---|
| Diam. Max | 160mm |
| Hub | 600mm |
| Column | Aluminium |
| Column section | 45 x 60mm |
| Base | Dowel + vaccum |
| Base dimensions | 280 x 460mm |
| Height | 850mm |
| Weight | 9,6kg |
| Bit guide | No |
| Motor mounting plate | Ring 60mm |
| Carriage | Aluminium |
| Carriage Guiding system | Rolls |
| Carriage handle | Yes |
| Carriage travel | 1:1 |
| Braces | Yes |
| Tilting | 0-45° |
| Spirit level | No |
| Transport wheels | No |

## PRODUCT FEATURES


ALUMINIUM COLUMN.


SPIRIT LEVEL.


CARRIAGE GUIDING SYSTEM BY ROLLS.

# CDR 253/353




Aluminium drill stand combining rigidity, precision and ease of use. Accurate and smooth drilling guide of four high performance nylon rolls. Easily accessible guiding wheels for wear compensation adjustment.

- Made from a lightweight yet sturdy aluminium column, which is built to last.
- Roll-guided carriage for a high degree of accuracy in drill guiding.
- Multi-purpose drive lever which can be used for levelling and locking screws.
- Standard motor mounting fixture fits to most drilling motors on the market.
- Pre-mounted rig allows the operator to use the equipment straight from the box.

| Ø 250 / 400mm | 13-23,9kg | 600-690mm | 0 - 45° |
|---|---|---|---|

| | CDR 253 | CDR 353 | CDR 353 + SPACER |
|---|---|---|---|
| Item No. | 310468578 | 310468581 | 310468581 + 310472133 |
| EAN | 5450248690740 | 5450248690757 | - |
| Diam. Max | 250mm | 350mm | 400mm |
| Hub | 600mm | 690mm | 690mm |
| Column | Aluminium | Aluminium | Aluminium |
| Column section | 50 x 60mm | 70 x 70mm | 70 x 70mm |
| Base | Dowel + vaccum | Dowel + vaccum | Dowel + vaccum |
| Base dimensions | 350 x 540mm | 370 x 550mm | 370 x 550mm |
| Bit guide | No | Yes | Yes |
| Motor mounting plate | Plate included | Plate included | Plate included |
| Carriage | Aluminium | Aluminium | Aluminium |
| Carriage Guiding system | Rolls | Rolls | Rolls |
| Carriage handle | Yes | Yes | Yes |
| Carriage travel | 01:01 | 1:1 + 2:1 | 1:1 + 2:1 |
| Braces | Yes | Yes | Yes |
| Tilting | 0-45° | 0-45° | 0-45° |
| Spirit level | Yes | Yes | Yes |
| Transport wheels | Yes | Yes | Yes |
| Height | 970mm | 1080mm | 1080mm |
| Weight | 13kg | 23,4kg | 23,9kg |

## PRODUCT FEATURES



SIMPLE LEVEL ADJUSTMENT WITH 4 SCREWS ON BASE.



2 DIFFERENT REPORT/RATIO ON THE CDR353 CARRIAGE FOR AN EASY HANDLE.



TRANSPORT WHEELS.



LEFT AND RIGHT MOUNTING DRIVE LEVER.



METALLIC RIGID POINTER (CDR353).

# DRILL & RIG KITS

## KIT INCLUDES:

- Drill stand.
- Drill motor.
- Dowel base.
- PRCD.
- Tools and fixing screws (without dowel or corebit).



| Rig | Motor | Power | Max ø (mm) | RPM | Weight | Item No. | EAN |
|---|---|---|---|---|---|---|---|
| CDR 133 | CDM 163 | 1800W | 130 | 525/1150/2400 | 16,9kg | 70184694704 | 5450248694496 |
| CDR 163 | CDM 203 | 2000W | 200 | 450/1050/2000 | 18,1kg | 70184694705 | 5450248694502 |
| CDR 253 | CDM 253 | 2500W | 250 | 280/590/870 | 28,5kg | 70184694306 | 5450248597001 |
| CDR 353 | CDM 353 | 3300W | 350 | 215/450/660 | 39,9kg | 70184694307 | 5450248597018 |
| CDR 353 + SPACER | CDM 353 | 3300W | 400 | 215/450/660 | 40,4kg | 70184694308 | 5450248597025 |

# CDP ROBO 301 & 351




Norton Clipper ROBO 301 & 351 are our compact and lightweight petrol drilling machines that enable you to work with drills featuring 1 ¼" connection or 3 holes.

Both ROBO 301 & 351 sets include motor, motor frame, exhaust fumes hose (petrol motor), fixing strap and stake, 10L water tank and tools.

- High stroke allowing the use of drills with 1 ¼" connection or 3 holes.
- Continuous column angle setting up to 45° offering multiple potential positions.
- Heavy duty frame provides stability even when working in a trench.
- Compact and lightweight so that the product can be used in areas where space is limited.

*Available in electric version with drill motor CDM 353 (see page 191)

| | CDP ROBO 301 | CDP ROBO 351 | CDP ROBO 350 ELECTRIC* |
|---|---|---|---|
| Item No. | 70184608349 | 70184608350 | 70184601371 |
| EAN | 5450248771708 | 5450248771715 | 5450248707165 |
| Motor | Honda 4 stroke 1.5kW | Honda 4 stroke 1.5kW | CDM 353 3,3kW |
| Hub | 500mm | 500mm | 500mm |
| Diameter Range | 100 - 300mm | 100 - 354mm | 30 - 354mm |
| RPM min | 400 | 400 | 215/450/660 |
| Weight | 53kg | 55kg | 55kg |

## PRODUCT FEATURES



EASY TO USE FIXING STRAP TO DRILL EVERYWHERE ON THE PIPE.



CUT AT 45°.



FOR USING IN TRENCH AND CONFINED SPACE ENVIRONMENTS.



*Clipper's Tip*

FOR OPTIMAL RESULTS, USE **PRO CB BETON ROBO SOFT** (PAGE 81)

CONNECTION: 3-HOLE FLANGE



# ACCESSORIES

## DRILL RIGS

| ACCESSORIES | ITEM No. | EAN |
|---|---|---|
| 1 - Vacuum pump Vp 136 | 310469674 | 3157629635346 |
| 2 - Differential switch 30 mA (PRCD) | 310005608 | 5450248124146 |
| 3 - Submerged water pump | 310006044 | 5450248138686 |
| 4 - Quick release anchor set (CDR253/353/403) | 310003976 | 5450248049418 |
| 4 - Quick release anchor set (CDR133/163) | 310389142 | 5450248472209 |
| 5 - Bronze ring | 310004317 | 5450248074434 |
| 6 - Dowel installation tool | 310387451 | 5450248467113 |
| 7 - Rawl dowel (25 p) | 310006879 | 5450248189879 |
| 8 - Telescopic brace (Lmin = 1,80m; Lmax = 2,90m) | 310469673 | 3157629635353 |
| 9 - Fixing dowel M12 (10p) | 310004562 | 5450248089995 |
| 10 - Tie-bar anchor rod for rawl dowel | 310006977 | 5450248190042 |
| 11 - Drifter | 310007056 | 5450248193043 |
| 12 - Drill SDS 15mm | 310005211 | 5450248117223 |
| 13 - 10L pressure water tank (metal) | 310464031 | 5450248684640 |
| 14 - 11L pressure water tank (plastic) | 310521698 | 5450248755494 |
| 15 - Water tank 35L with electrical pump | 310464029 | 5450248684633 |
| 16 - Centering device 120mm | 310007049 | 5450248192909 |
| 16 - Centering device for CDM163/203 - core bit length of 300mm | 310387448 | 5450248467076 |
| 16 - Centering device for CDM163/203 - core bit length of 450mm | 310387449 | 5450248467083 |

| WATER COLLECTING RINGS | ITEM No. | EAN |
|---|---|---|
| 17 - Water collector CDR133/163 max diam. 130mm | 310470303 | 5450248694526 |
| 17 - Water collector CDR163/253 max diam. 180mm | 310477208 | 5450248702832 |
| 17 - Water collector CDR353 max diam. 300mm | 310470304 | 5450248694533 |

| SPARE SEALS | ITEM No. | EAN |
|---|---|---|
| 18 - CDR133/163 diam. 130mm | 310477210 | 5450248702849 |
| 18 - CDR163/253 diam. 180mm | 310477211 | 5450248702856 |
| 18 - CDR353 diam. 300mm | 310477212 | 5450248702863 |

| VACUUM BASE | ITEM No. | EAN |
|---|---|---|
| 19 - CDR133 | 310474123 | 5450248703112 |
| 19 - CDR163 | 310470435 | 5450248697268 |
| 19 - CDR253 | 310474124 | 5450248703129 |
| 19 - CDR353 | 310474125 | 5450248703136 |

| SPACER AND MOUNTING RINGS | ITEM No. | EAN |
|---|---|---|
| 20 - Spacer plate for CDR353 to increase capacity from d350 to d400mm | 310472133 | 5450248695196 |
| 21 - Ring 60mm for mounting handheld motors on rig | 310388827 | 5450248471325 |

# ACCESSORIES

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21 

# ACCESSORIES

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## CDP ROBO

| ACCESSORIES | ITEM No. | EAN |
|---|---|---|
| 1 - 10L pressure water tank (metal) | 310464031 | 5450248684640 |
| 2 - Exhaust pipe (length : 3m 30) | 510136894 | 5450248737391 |
| 3 - Fixing stakes (x2) | 510136997 | 5450248737407 |
| 4 - Tool kit | 310391934 | 5450248493631 |
| 5 - Fixing strap | 510136998 | 5450248737414 |
| 6 - Water tank 35L | 310464029 | 5450248684633 |
| 7 - 11L pressure water tank (plastic) | 310521698 | 5450248755494 |
| 8 - Foot plates with rolls | 310508732 | 5450248736097 |

# ACCESSORIES

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## ADAPTORS

| ACCESSORIES | ITEM No. | EAN |
|---|---|---|
| 1 - 1 ¼" UNC Female x R ½" Fem | 310004570 | 5450248090823 |
| 2 - 1 ¼" UNC Male x R ½" Male | 310004558 | 5450248089537 |
| 3 - 1 ¼" UNC Male x Hilti DDBU | 310006712 | 5450248180968 |
| 4 - R ½" Fem x Hilti DDBI | 310007181 | 5450248202264 |
| 5 - R ½" Male x R ½" Male | 310012389 | 5450248238768 |
| 6 - SDS Male x R ½" Male | 310012391 | 5450248238782 |
| 7 - 3 holes flange x 1 ¼" UNC Fem | 310004594 | 5450248094111 |
| 8 - 3 holes flange x 1 ¼" UNC Male | 310004595 | 5450248094128 |

## EXTENSIONS

| ACCESSORIES | LENGTH | ITEM No. | EAN |
|---|---|---|---|
| 9 - 1 ¼" UNC Fem x 1 ¼" UNC Male | 100mm | 310004577 | 5450248092001 |
| 9 - 1 ¼" UNC Fem x 1 ¼" UNC Male | 200mm | 310004571 | 5450248090939 |
| 9 - 1 ¼" UNC Fem x 1 ¼" UNC Male | 300mm | 310004574 | 5450248091196 |
| 9 - 1 ¼" UNC Fem x 1 ¼" UNC Male | 500mm | 310004575 | 5450248091202 |
| 9 - R ½" Fem x R ½" Male | 100mm | 310004610* | 5450248095262 |
| 10 - R ½" Fem x R ½" Male | 200mm | 310004578 | 5450248092018 |
| 10 - R ½" Fem x R ½" Male | 300mm | 310004572 | 5450248090946 |
| 10 - R ½" Fem x R ½" Male | 500mm | 310004576 | 5450248091219 |

* Available on request

# ACCESSORIES

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11 

## DRILL RIGS CONNECTORS

| ACCESSORIES | ITEM No. | EAN |
|---|---|---|
| 1 - Dust swivel ½" Male-Female | 310389028 | 5450248471806 |
| 2 - 150mm Extension | 310011352 | 5450248230410 |
| 3 - SDS Adaptor Pack | 310011357 | 5450248234883 |
| 4 - HEX Adaptor | 310011349 | 5450248230397 |
| 5 - SDS Adaptor | 310011354 | 5450248230434 |
| 5 - 10mm A Taper Masonry Drill | 310011347 | 5450248372776 |
| 6 - Ejector Drift | 310011351 | 5450248372721 |

## M16 DRILLING

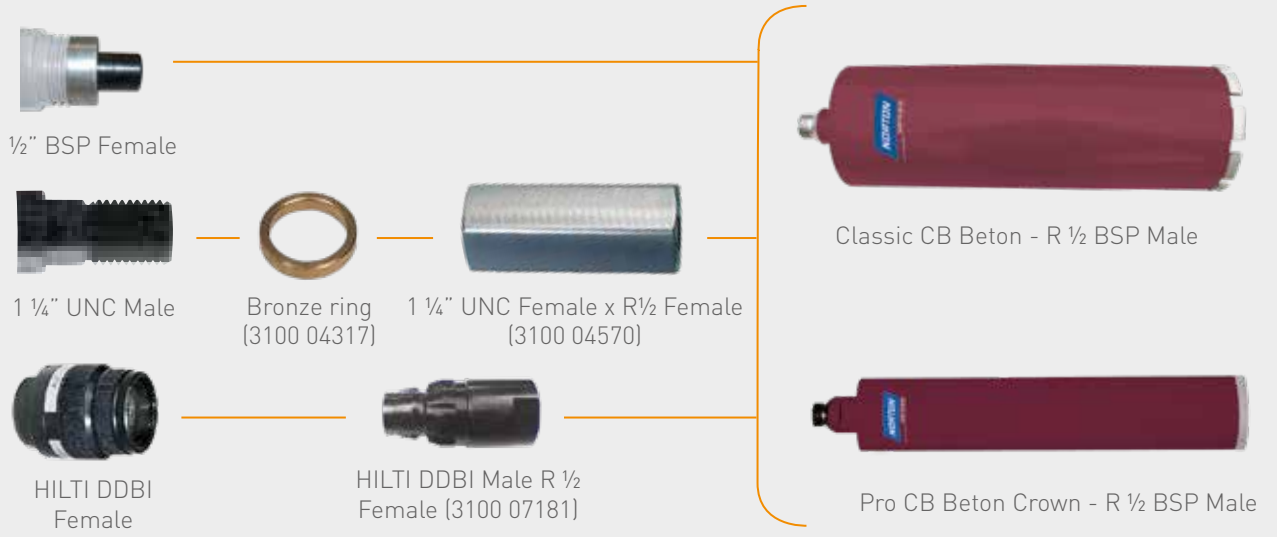
| ACCESSORIES | ITEM No. | EAN |
|---|---|---|
| 7 - Pilot drill Ø6mm | 310003973 | 5450248049234 |
| 8 - Connector-Hex M16 for tapered pilot drill Ø6mm | 310003974 | 5450248049241 |
| 9 - M16 Male x R½" Male | 310006030 | 5450248149897 |
| 10 - Connector SDS M16 for tapered pilot drill Ø6mm | 310005899 | 5450248149880 |
| 11 - SDS connector with screw M16 for Ø6mm drill | 310005898 | 5450248149873 |

# CONNECTIONS

## WET HANDHELD DRILLING WITH COREBIT 1"¼ UNC FEMALE




## WET HANDHELD DRILLING WITH COREBIT R½ BSP MALE

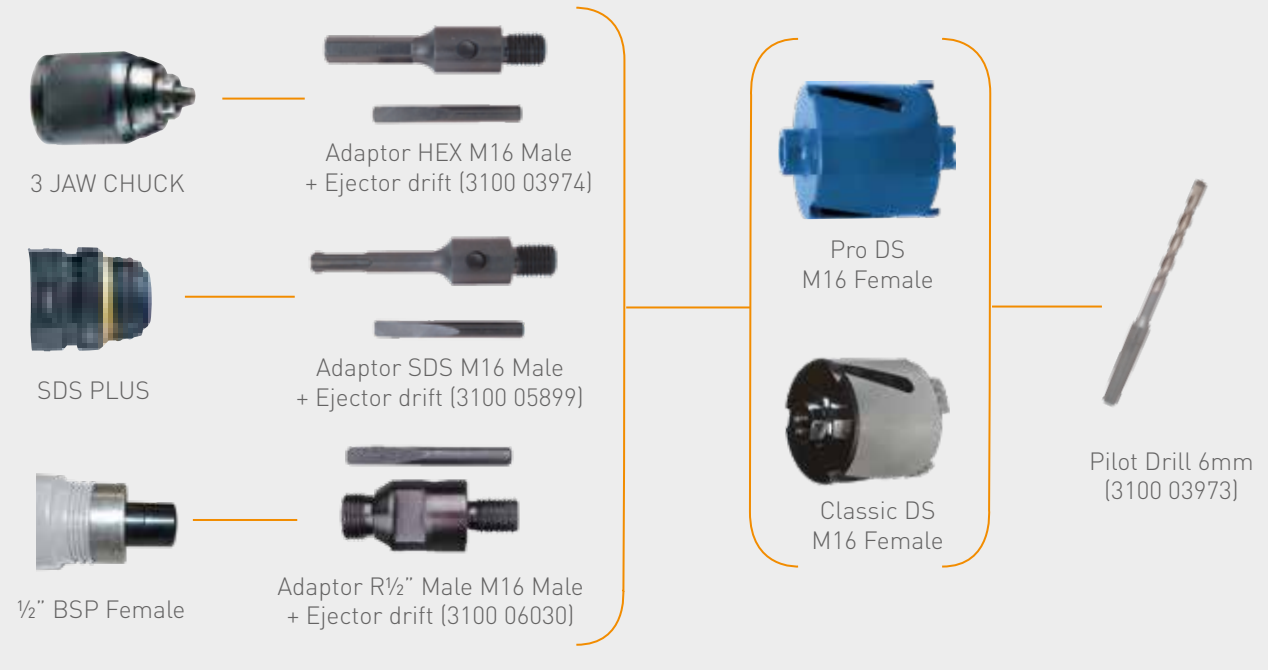


# CONNECTIONS

## DRY HANDHELD DRILLING WITH COREBIT R¼ BSP FEMALE




## DRY HANDHELD DRILLING M16 FEMALE

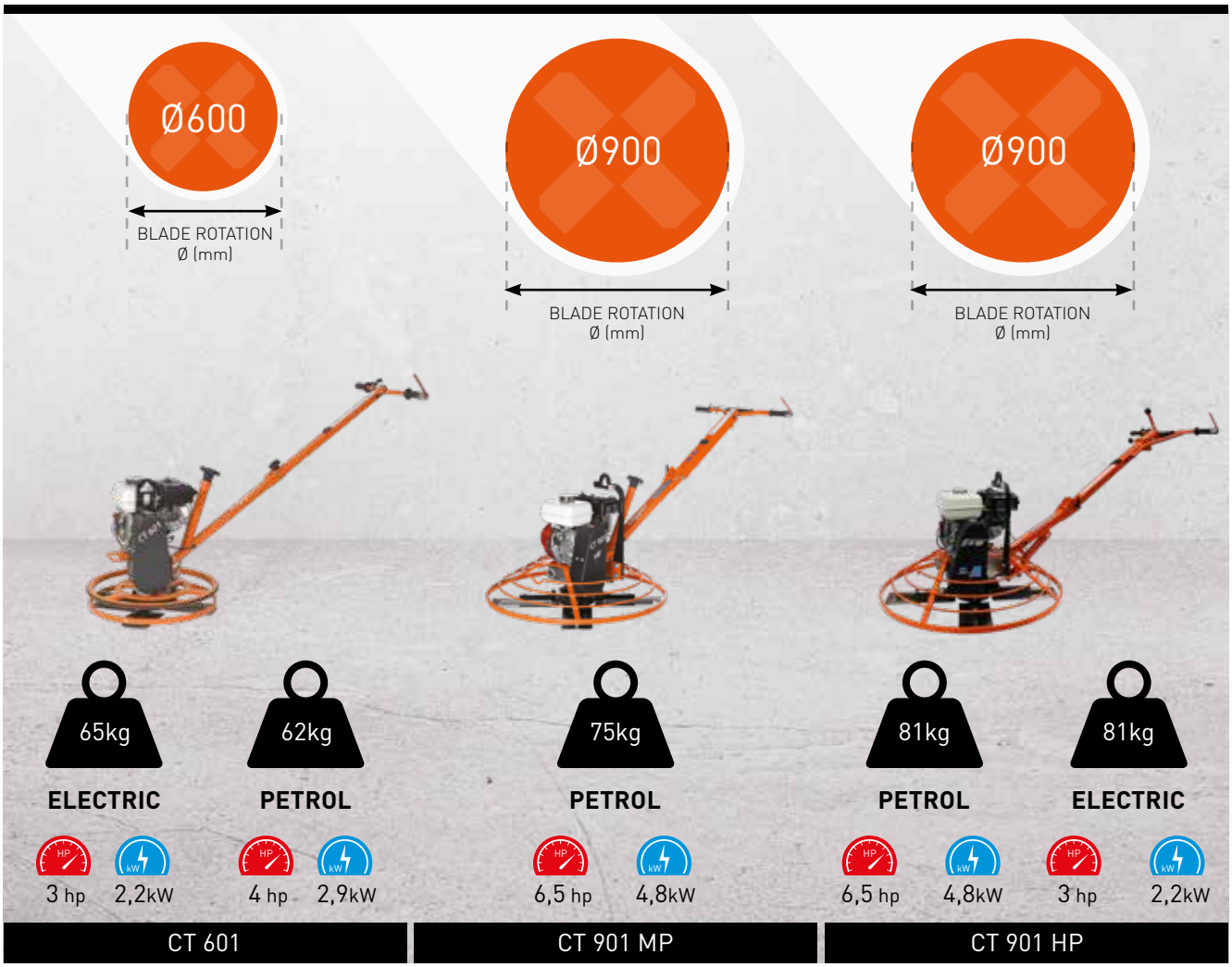


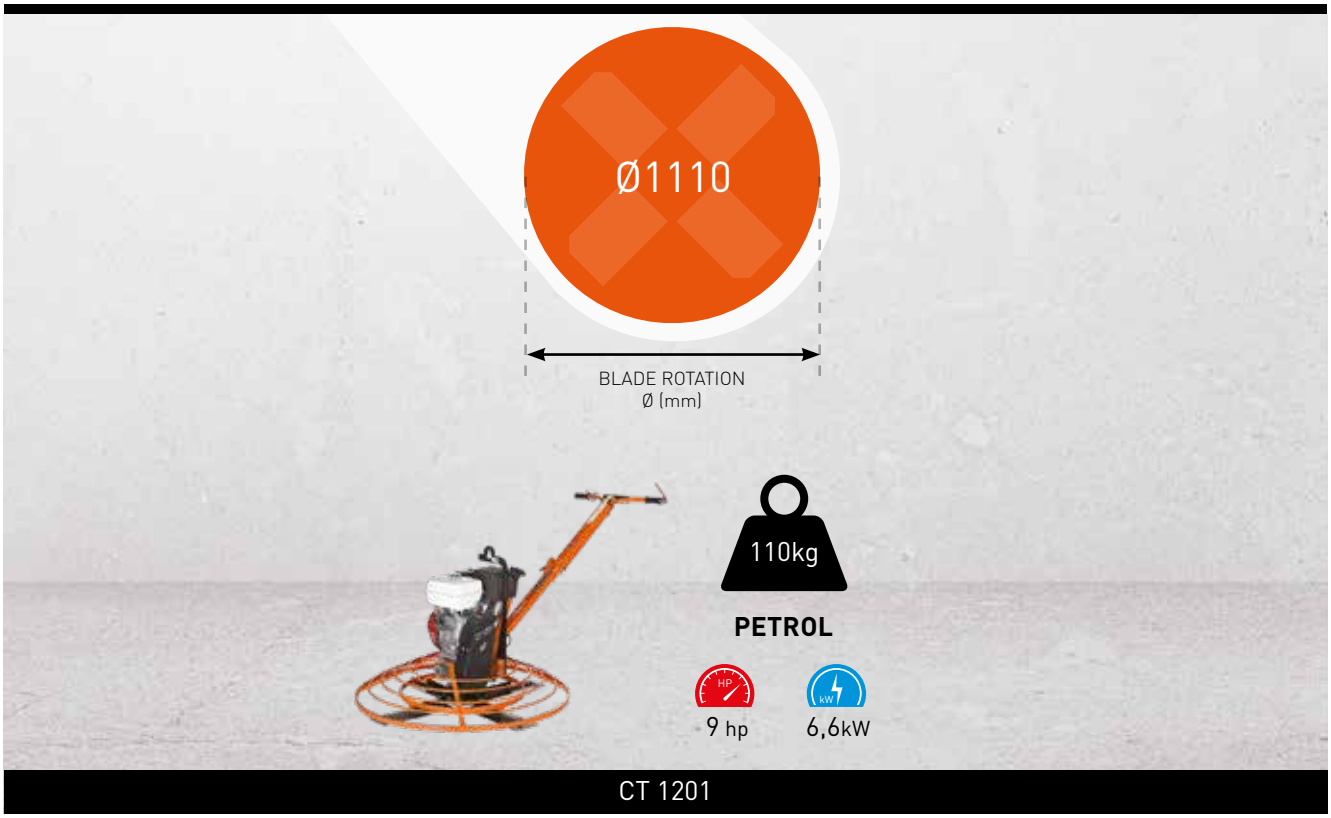
NORTON SAINT-GOBAIN clipper

# POWER FLOATS

The Norton Clipper Power Float range is made of machines with blade diameters of 600 to 1110mm. Power Floats are the ideal tool for finishing small to large areas of concrete screed.




Ø600
BLADE ROTATION
Ø (mm)
Ø900
BLADE ROTATION
Ø (mm)
Ø900
BLADE ROTATION
Ø (mm)
65kg
ELECTRIC
3 hp
2,2kW
62kg
PETROL
4 hp
2,9kW
75kg
PETROL
6,5 hp
4,8kW
81kg
PETROL
6,5 hp
4,8kW
81kg
ELECTRIC
3 hp
2,2kW
CT 601
CT 901 MP
CT 901 HP


Ø1110
BLADE ROTATION
Ø (mm)
110kg
PETROL
9 hp
6,6kW
CT 1201

# CT601




- Mechanical blade pitch control ensures accuracy and helps deliver the perfect surface finish.
- Operator safety is assured by the aluminium guard rings and dead man's handle.

## CT601 MP

| | |
|---|---|
| Item No. | 70184629945 |
| EAN | 5450248439998 |

4 hp | 2,9kW | PETROL

| | |
|---|---|
| Included tools | Finishing blades and pan |
| Power Source | Petrol |
| Power | 2,9kW (4 hp) |
| Motor Type | HONDA GX 120 |
| Supply Voltage | - |
| Fuse / Generator | - |
| Blade rotation diameter (clockwise) | 600mm |
| Guard ring diameter | 620mm |
| Distance to wall | 10mm |
| Pitch control | Mechanical |
| Hand Arm Vibrations | < 2,5 m/s² |
| Sound power / pressure level | 93dB(A) / 81dB(A) |
| Dimensions (LxWxH) | 1560 x 650 x 1060mm |
| Weight (without pans) | 62kg |

## CT601 ME

| | |
|---|---|
| Item No. | 70184629946 |
| EAN | 5450248440017 |

3 hp | 2,2kW | 230V

| | |
|---|---|
| Included tools | Finishing blades and pan |
| Power Source | Electric |
| Power | 2,2kW (3 hp) |
| Motor Type | - |
| Supply Voltage | 230V 1~ |
| Fuse / Generator | 16A / 6kVA |
| Blade rotation diameter (clockwise) | 600mm |
| Guard ring diameter | 620mm |
| Distance to wall | 10mm |
| Pitch control | Mechanical |
| Hand Arm Vibrations | < 2,5 m/s² |
| Sound power / pressure level | 91dB(A) / 79dB(A) |
| Dimensions (LxWxH) | 1560 x 650 x 1060mm |
| Weight (without pans) | 65kg |

## PRODUCT FEATURES


LIFTING HOOK


BLADE SAFETY GUARD


FOLDABLE MACHINE ARM


DISTANCE TO WALL: 10mm

# CT901 MP

- Welded heavy steel frame makes the CT901 capable of withstanding the rigours of regular use.
- Mechanical blade pitch control ensures accuracy and helps deliver the perfect surface finish.
- Dead man's handle and safety guard rings ensure user safety, whilst providing the operator with good visibility of the blades at all times.




## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184629948 |
| EAN | 5450248440499 |

6,5 hp | 4,8kW | PETROL

| | |
|---|---|
| Included tools | Finishing blades |
| Power Source | Petrol |
| Power | 4,8kW (6,5 hp) |
| Motor Type | HONDA GX200 |
| Supply Voltage | - |
| Fuse / Generator | - |
| Blade rotation ø (clockwise) | 900mm |

| | |
|---|---|
| Guard ring diameter | 950mm |
| Distance to wall | 25mm |
| Pitch control | Mechanical |
| Hand Arm Vibrations | < 2,5 m/s² |
| Sound power / pressure level | 94dB(A)/85dB(A) |
| Dimensions (LxWxH) | 1980 x 950 x 1060mm |
| Weight (without pans) | 75kg |

## PRODUCT FEATURES


HANDLING OF THE MACHINE

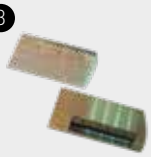

ADJUSTABLE AND FOLDABLE


BLADES SAFETY GUARD RINGS

## **ACCESSORIES** CT901 MP / CT901 HP / CT901HP ME

1 

2 

3 

4 

5 

6 

7 

| | DIMENSIONS L x L (mm) | FIXING THREAD | SPACING | ITEM No. | EAN |
|---|---|---|---|---|---|
| 1 - Floating plate / pan | Ø900 | Mechanical stop | - | 310004546 | 5450248088967 |
| 2 - Floating blades (set of 4) | 355 x 250 | Clamp | - | 310403131 | 5450248512547 |
| 3 - Finishing blades (set of 4) | 355 x 150 | M8 | 122 | 310403132 | 5450248512554 |
| 4 - Combination blades (set of 4) | 330 x 200 | M8 | 127 | 310004541 | 5450248088745 |
| 5 - Finishing blades with moving nut (set of 4) | 330 x 150 | M8 | 82-160 | 310004564 | 5450248090472 |
| 6 - Combination blades with moving nut (set of 4) | 330 x 200 | M8 | 82-160 | 310004565 | 5450248090489 |
| 7 - Feet skates (set of 2) | - | - | - | 310004551 | 5450248089063 |

# CT901 HP



- Heavy duty jig welded steel frame provides the machine with robustness and high reliability.
- Dead man handle helps to ensure user safety.
- Blade safety guard rings protect the user from accidental injury whilst maintaining good visibility.
- Hydraulically blades pitch control helps the operator achieve a perfect surface finish.
- Foldable and height adjustable arm enables easy transport and storage of the machine.

## CT901 HP

| | |
|---|---|
| Item No. | 70184602675 |
| EAN | 5450248736394 |

6,5 hp | 4,8kW | PETROL

| | |
|---|---|
| Included tools | Finishing blades |
| Power Source | Petrol |
| Power | 4,8kW (6,5 hp) |
| Motor Type | HONDA GX200 |
| Supply Voltage | - |
| Fuse / Generator | - |
| Blade rotation ø (clockwise) | 900mm |
| Guard ring diameter | 950mm |
| Distance to wall | 25mm |
| Pitch control | Hydraulic |
| Hand Arm Vibrations | < 2,5 m/s² |
| Sound power / pressure level | 94dB(A)/85dB(A) |
| Dimensions (LxWxH) | 1980 x 950 x 1060mm |
| Weight (without pans) | 81kg |

## CT901 ME HP

| | |
|---|---|
| Item No. | 70184608598 |
| EAN | 5450248776598 |

3 hp | 2,2kW | 400V

| | |
|---|---|
| Included tools | Finishing blades |
| Power Source | Electric |
| Power | 2,2 W (3 hp) |
| Supply Voltage | 400 V 3~ |
| Fuse / Generator | 10A / 16kVA |
| Blade rotation ø (clockwise) | 900mm |
| Guard ring diameter | 950mm |
| Distance to wall | 25mm |
| Pitch control | Hydraulic |
| Hand Arm Vibrations | < 2,5 m/s² |
| Sound power / pressure level | 92dB(A)/82dB(A) |
| Dimensions (LxWxH) | 1980 x 950 x 1060mm |
| Weight (without pans) | 81kg |

## PRODUCT FEATURES



ROBUST AND RELIABLE



DEAD MAN HANDLE



SAFETY GUARD RINGS



HYDRAULIC BLADES PITCH CONTROL



FOLDABLE AND HEIGHT ADJUSTABLE ARM

# CT1201

- Welded heavy steel frame makes the CT1201 capable of withstanding the rigours of regular use.
- Mechanical blade pitch control ensures accuracy and helps deliver the perfect surface finish.
- Dead man's handle and safety guard rings ensure user safety, whilst providing the operator with good visibility of the blades at all times.




## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184629953 |
| EAN | 5450248440512 |

9 hp | 6,6kW | PETROL

| | |
|---|---|
| Included tools | Finishing blades |
| Power Source | Petrol |
| Power | 6,6kW (9 hp) |
| Motor Type | HONDA GX 270 |
| Blade rotation ø (clockwise) | 1110mm |
| Guard ring diameter | 1190mm |

| | |
|---|---|
| Distance to wall | 40mm |
| Pitch control | Mechanical |
| Hand Arm Vibrations | < 2,5 m/s² |
| Sound power / pressure level | 96dB(A) / 87dB(A) |
| Dimensions (LxWxH) | 2120 x 1190 x 1025mm |
| Weight (without pans) | 110kg |

## PRODUCT FEATURES

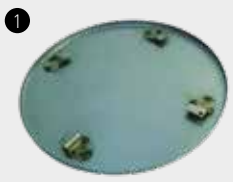

DEAD MAN'S HANDLE


REMOVABLE LIFTING EYE


HANDLING OF THE MACHINE

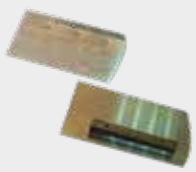

ADJUSTABLE & FOLDABLE MACHINE ARM

## **ACCESSORIES** CT1201
















| | DIMENSIONS L x L (mm) | FIXING THREAD | SPACING | ITEM No. | EAN |
|---|---|---|---|---|---|
| 1 - Floating plate / pan | Ø1200 | Mechanical stop | - | 310369499 | 5450248440406 |
| 2 - Floating blades (set of 4) | 460 x 255 | Clamp | - | 310369497 | 5450248440376 |
| 3 - Finishing blades (set of 4) | 455 x 152 | M8 | 158 | 310369485 | 5450248440246 |
| 4 - Combination blades (set of 4) | 450 x 200 | M8 | 158 | 310369496 | 5450248440369 |
| 5 - Feet skates (set of 2) | - | - | - | 310004551 | 5450248089063 |

NORTON
SAINT-GOBAIN

clipper

# WALL CHASERS, GRINDING MACHINES & DUST EXTRACTION



# SC181

Ideal for electricians and plumbers, the SC181 is a powerful and smart wall chaser.

Fitted with two diamond wheels driven by a 1,8 kW motor, 5 to 45mm wide slots can be drawn in one operation, at cutting depth from 30 to 60mm.

Delivered in a strong metal box, the machine ergonomics were at the heart of the design to lower vibrations and ease the operation.

SC181 can be used with a dust extractor (CV324 or CV360).




Ø180 mm

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184646041 |
| EAN | 5450248537847 |

1,8kW 230v

| | |
|---|---|
| Supply Voltage | 230V 1~ |
| Power | 1,8kW |
| Fuse / Generator | 16A / 3kVA |
| Blade x bore | Ø 180 x 30mm |
| Cutting width | 5 to 45 by 5mm |
| Cutting depth | 30 - 40 - 50 - 60mm |
| Tool speed RPM | 4900 $min^{-1}$ |
| Hand Arm Vibrations | 4,1$m/s^2$ |
| Sound power / pressure level | 110 dB(A) / 97 dB(A) |
| Dimensions (LxWxH) | 320 x 340 x 300mm |
| Box size (LxWxH) | 347 x 355 x 295mm |
| Weight | 6,5kg |

### DIAMOND BLADES **FOR SC181**




| | |
|---|---|
| Substrate / Material | UNIVERSAL |
| Recommended Product | **PRO UNI LASER** |
| Blade x Bore | 180 x 30mm |
| Item No. | 70184607687 |
| Page reference | 44 |

# SC401

SC401 is a 400mm electric portable cutter, with high flexibility thanks to its 3,0kW powerful motor and deep cutting depth.

It is suitable for a large variety of materials including bricks, masonry blocks, paviours, slabs, porous concrete, concrete, and natural or artificial stone.

SC401 features a water connection for wet cutting.




Ø400 mm

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184630120 |
| EAN | 5450248412106 |

3kW 230v

| | |
|---|---|
| Supply Voltage | 230V 1~ |
| Power | 3kW |
| Blade x bore | Ø 400 x 25,4mm |
| Max. cutting depth | 158mm |
| Tool speed RPM | 2500 $min^{-1}$ |
| Weight | 11kg |

### DIAMOND BLADES **FOR SC401**




| | |
|---|---|
| Substrate / Material | BETON |
| Recommended Product | **EXTREME BETON** |
| Blade x Bore | 400 x 25,4mm |
| Item No. | 70184693354 |
| Page reference | 33 |



# CG125

Single-head handheld grinding machine with a grinding width of 125mm.

**WORKING AREAS:**
Surface preparation along floor edges and small surfaces (balconies, garages, cellars): floor levelling, preparation before coating, removal of coating defects or adhesives.

Ø125 mm

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184628733 |
| EAN | 5450248396475 |



HOSE CONNECTOR FOR VACUUM CLEANER

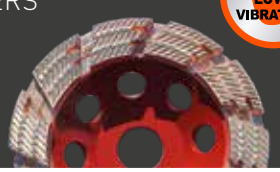
| | |
|---|---|
| Supply voltage | 230V 1~ |
| Power | 1,8kW |
| Disc diameter | 125mm |
| Tool speed (under load) | 10 000 $min^{-1}$ |
| Tool connection | 22,23mm |
| Vacuum hose connector | 36mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Weight | 5,9kg |

kW 1,8kW

Volts 230V

### CUP GRINDERS FOR CG125

LOW VIBRATION



| | |
|---|---|
| Substrate / Material | UNIVERSAL |
| Recommended Product | **EXTREME CG COMFORT** |
| Blade x Bore | 125 x 22,23mm |
| Item No. | 70184602648 |
| Page reference | 50 |



# CG180

Single-head hand held machines with a grinding width of 125mm or 180mm for small surfaces.

**APPLICATIONS:**

- Grinding, smoothing and preparing surfaces.
- Removing screed seams, residual mud, plaster and coatings.
- Concrete, tile adhesive, natural stone, plaster, paint, coatings and adhesive.

Ø180 mm

## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184601171 |
| EAN | 5450248702696 |



HOSE CONNECTOR FOR VACUUM CLEANER

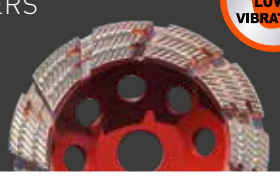
| | |
|---|---|
| Supply voltage | 230V 1~ |
| Power | 2,5kW |
| Disc diameter | 180mm |
| Tool speed (under load) | 9500 $min^{-1}$ |
| Tool connection | 22,23mm |
| Vacuum hose connector | 36mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Weight | 8,4 kg |

kW 2,5kW

Volts 230V

### CUP GRINDERS FOR CG180

LOW VIBRATION



| | |
|---|---|
| Substrate / Material | UNIVERSAL |
| Recommended Product | **EXTREME CG COMFORT** |
| Blade x Bore | 180 x 22,23mm |
| Item No. | 70184607657 |
| Page reference | 50 |

# CG252

- Orientable grinding head that is able to reach and grind the edges of walls easily.
- 250mm working width, which makes it perfect for working with small to medium sized floors.
- The machine is light and compact, which makes it easy to transport and carry upstairs should there be a requirement.




## PRODUCT DATA

| | |
|---|---|
| Item No. | 70184694290 |
| EAN | 5450248596608 |

| | |
|---|---|
| Power / Supply Voltage | 2,2kW (3 hp) / 230V 1~ |
| Fuse / Generator | 16A / 6 kVA |
| Working width | 250mm |
| Tool speed RPM | 1410 $min^{-1}$ |

| | |
|---|---|
| Vacuum connector | 45mm |
| Hand Arm Vibrations | < 2,5 $m/s^2$ |
| Dimensions (LxWxH) | 1180 x 520 x 1150mm |
| Weight | 60kg |

3 hp | 2,2kW | 230V

## PRODUCT FEATURES

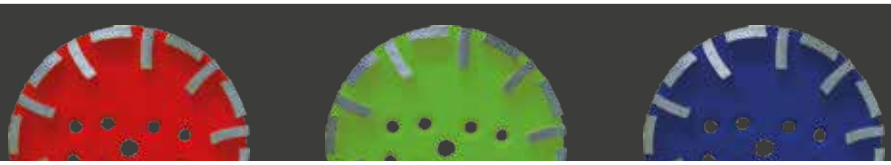


THE GRINDING HEAD CAN BE ORIENTED AT 90° & THE FRONT OF THE GUARD REMOVED.



FOLDABLE ARM FOR TRANSPORT

## GRINDING HEAD RECOMMENDATIONS



| Grinding Head Colour | RED | GREEN | BLUE |
|---|---|---|---|
| Substrate / Material | BETON | BETON | BETON |
| Diameter | 250mm | 250mm | 250mm |
| Floor Type | HARD | MEDIUM | SOFT |
| Item No. | 70184627118 | 70184627117 | 70184627116 |
| Page reference | 213 | 213 | 213 |

# STEP 1 - CLEANING/SCARIFYING

WITH TUNGSTEN CARBIDE MULTI-FLAILE GRINDER HEAD

## PLATE PCD CG 252 RESINS

- For removal of paints, resins, elastic glues, and other flexible materials.
- PolyCrystalline Diamond (PCD) plate designed for the fast removal of glue, epoxy, resins & paint.

| DESCRIPTION | NAME | PCD ELEMENTS | ITEM No. | EAN |
|---|---|---|---|---|
| PolyCrystalline Diamond | PCD CG 252 | 12pcs | 70184603278 | 5450248753834 |



# STEP 2 - GRINDING

WITH DIAMOND PLATES

## THE GRD252 S GRINDING PLATES

- The GRD252 S grinding plates are designed for 250mm grinding machines.
- Compatible machines 12 segments fitted on a 4-hole 250mm plate.

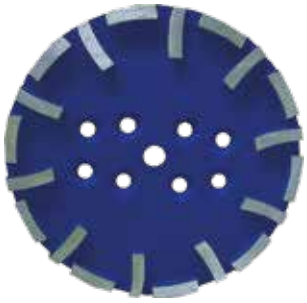
| DESCRIPTION | NAME | SEGMENTS QTY X W / H / L (mm) | ITEM No. | EAN |
|---|---|---|---|---|
| Hard bond segments for soft floors | GRD252 S SOFT Blue | 12x 10/10/40 | 70184629625 | 5450248404804 |
| Medium bond segments for universal floors | GRD252 S MEDIUM Green | 12x 10/10/40 | 70184627119 | 5450248372684 |
| Soft bond segments for hard floors | GRD252 S HARD Red | 12x 10/10/40 | 70184629626 | 5450248404811 |



## THE GDR252 GRINDING PLATES

- The GDR252 grinding plates are designed for heavy, in-depth grinding.
- 20 segments fitted on a 8-hole 250mm plate.

| DESCRIPTION | NAME | SEGMENTS QTY X W / H / L (mm) | ITEM No. | EAN |
|---|---|---|---|---|
| Hard bond segments for soft floors | GRD252 SOFT Blue | 25x 10/10/40 | 70184627116 | 5450248372646 |
| Medium bond segments for universal floors | GRD252 MEDIUM Green | 25x 10/10/40 | 70184627117 | 5450248372653 |
| Soft bond segments for hard floors | GRD252 HARD Red | 25x 10/10/40 | 70184627118 | 5450248372677 |



# GRINDER SEGMENTS

- Medium bond for medium-hard floors.
- Available in grit sizes from 18 to 150 for different quality finishes.







| DESCRIPTION | GRIT SIZE | NAME | SET | SEGMENTS QTY X H / T / L (mm) | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| Grinding of coatings and thin layers | 18/20 | FGW Universal silver | 4pcs | 1x 10/10/65 | 70184601132* | 5450248534334 |
| Creating adherence and grinding of top floors | 30/40 | FGW Universal grey | 4pcs | 1x 10/10/65 | 70184601133* | 5450248534266 |
| Creating adherence for water-based paints and grinding of top floors | 60/80 | FGW Universal brown | 4pcs | 1x 10/10/65 | 70184601134* | 5450248534273 |

* Available on request

# DUST EXTRACTORS

Our range of multi-purpose dust extractors cover the needs of professionals on the jobsite (inside or outside worksites). They can be used for extracting dust and water, but also for vacuum-cleaning after work.

- **CV402** is best fitted for all dry and wet drilling applications.
- **CV360** are industrial dust extractors best suited for use with Norton Clipper floor grinding machines and CS451 ET floor saw.



CV402

## CV402

| | |
|---|---|
| Item No. | 00310436601 |
| EAN | 5450248559191 |

2,0kW 230V DRY WET

| | |
|---|---|
| Application | Drilling |
| Supply Voltage | 230V 1~ |
| Power | 2,0kW (2 motors) |
| Fuse / Generator | 16A / 8kVA |
| Filter | 3µ |
| Cleaning | Paper bag |
| Airflow | 380 $m^3/h$ |
| Vacuum suction | 200 mbar |
| Tank material | PP |
| Tank capacity | 60 L |
| Noise level | 78 db(A) |
| Dimensions (LxWxH) | 600 x 540 x 950mm |
| Weight | 21kg |
| Filtration Class | L |
| Filter bags | Paper (5pcs) - 310387496 |
| | Cotton (5pcs) - 310387497 |

## PRODUCT FEATURES



REMOVABLE FILTER



PAPER FILTER BAG (CV402)

# DUST EXTRACTORS




CV360

## CV360

| | |
|---|---|
| Item No. | 00310485878 |
| EAN | 5450248709503 |

2,3kW 230V DRY

| | |
|---|---|
| Application | Floor grinding |
| Supply Voltage | 230V 1~ |
| Power | 2,3kW (2 motors) |
| Fuse / Generator | 16A / 8kVA |
| Filter | 1µ |
| Cleaning | Manual with shaker |
| Airflow | 360 $m^3/h$ |
| Vacuum suction | 250 mbar |
| Tank material | Steel |
| Tank capacity | 20 L |
| Noise level | 74 db(A) |
| Dimensions (LxWxH) | 500 x 560 x 1000mm |
| Weight | 31kg |
| Filtration Class | M |

## PRODUCT FEATURES



TWO BY-PASS MOTORS OPERATED BY INDEPENDENT SWITCHES



HIGH SURFACE CONICAL FILTER CARTRIDGE

# NOTES

# CUTTING DISCS & GRINDING WHEELS

The Norton Clipper range of cutting discs and grinding wheels for portable and fixed machines provide outstanding performance on many building and construction materials.



## 6IN1 MULTI-PURPOSE

TYPE 27

Cut, grind and surface ALL materials with one single product. No wheel changes are needed when working with different applications and materials. Wheels dedicated for cordless machines have been developed to give minimal resistance when in use. The free cutting action absorbs less energy from the battery.

CORDLESS




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 27 | 115 | 2,2x22,23 | C46P-BF27 | 25 | 66253371533 | 5900442855174 |
| | 125 | 2,2x22,23 | C46P-BF27 | 25 | 66253371534 | 5900442855181 |

## 6IN1 MULTI-PURPOSE

TYPE 41

The Multi-Purpose cutting disc produces less dust, less noise and a precise, straight cut on all materials including metal-inox, stone, aluminium, PVC, ceramics and tiles. One product for all installation jobs.

CORDLESS




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 41 | 115 | 1,0x22,23 | C60T-BF41 | 25 | 66253371455 | 5900442853521 |
| | | 1,6x22,23 | C46T-BF41 | 25 | 66253371456* | 5900442853545 |
| | 125 | 1,0x22,23 | C60T-BF41 | 25 | 66253371501 | 5900442854528 |
| | | 1,6x22,23 | C46T-BF41 | 25 | 66253371502 | 5900442854542 |
| | 180 | 1,6x22,23 | C46T-BF41 | 25 | 66253371503 | 5900442854559 |
| | 230 | 1,9x22,23 | C46T-BF41 | 25 | 66253371504 | 5900442854566 |

* Made to order

## 123 - METAL-INOX

TYPE 27

Cutting, light grinding & surfacing with one single product. No wheel changes are needed when working with different applications. Provides an excellent & uniform finish for metal-inox applications.

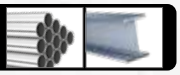
CORDLESS




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 27 | 115 | 2,2x22,23 | A46S-BF27 | 25 | 66253371523 | 5900442854795 |
| | 125 | 2,2x22,23 | A46S-BF27 | 25 | 66253371524 | 5900442854801 |

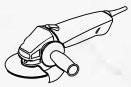


## METAL-INOX



TYPE 41

90°



CORDLESS *

Straight cutting disc providing long life, durability and high material removal for metal and metal-inox applications. Free from iron, sulphur and chloride, the disc eliminates contamination when cutting. Ideal for cutting sheet metal and studs.

| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 41 | 115 | 1,0x22,23* | A60S-BF41 | 25 | 66253371505 | 5900442854610 |
| | | 1,6x22,23* | A46S-BF41 | 25 | 66253371506 | 5900442854627 |
| | | 2,5x22,23 | A30S-BF41 | 25 | 66253371507 | 5900442854634 |
| | 125 | 1,0x22,23* | A60S-BF41 | 25 | 66253371508 | 5900442854641 |
| | | 1,6x22,23* | A46S-BF41 | 25 | 66253371509 | 5900442854658 |
| | | 2,5x22,23 | A30S-BF41 | 25 | 66253371510 | 5900442854665 |
| | 180 | 1,6x22,23 | A46S-BF41 | 25 | 66253371511 | 5900442854672 |
| | | 2,5x22,23 | A30S-BF41 | 25 | 66253371512 | 5900442854689 |
| | 230 | 1,9x22,23 | A46S-BF41 | 25 | 66253371513 | 5900442854696 |
| | | 2,5x22,23 | A30S-BF41 | 25 | 66253371514 | 5900442854702 |




*CORDLESS

| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 41 | 115 | 1,0x22,23* | A60S-BF41 SET** | 10*** | 66252845192 | 5903112911880 |
| | 125 | 1,0x22,23* | A60S-BF41 SET** | 10*** | 66252845193 | 5903112911897 |

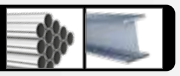



*CORDLESS

** One metal can/set include 10 pcs Metal-Inox discs

*** Minimum order quantity 10 metal cans/sets

## METAL-INOX



TYPE 42

90°



This depressed centre cutting disc provides longer life and high material removal for steel and stainless steel applications. The steel-inox disc is free from iron, sulphur and chloride; eliminating contamination when cutting.

CORDLESS

- Extension of our cordless range introducing the 0,8mm thick cut off disc
- Ideal for the growing market of cordless angle grinders
- Fast and effortless, it saves time and machine energy
- Cuts without burrs, burns and with less dust
- Ideal to work inside as it is quieter and makes less sparks
- Shaped T42 for a better contro



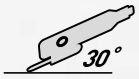

| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 42 | 115 | 0,8x22,23 | A60Z-BF42 | 25 | 66252849196 | 8719362298100 |
| | 125 | 0,8x22,23 | A60Z-BF42 | 25 | 66252849197 | 8719362298124 |

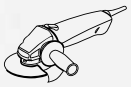
| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 42 | 115 | 3,2x22,23 | A30S-BF42 | 25 | 66253371515 | 5900442854719 |
| | 125 | 3,2x22,23 | A30S-BF42 | 25 | 66253371516 | 5900442854726 |
| | 180 | 3,2x22,23 | A30S-BF42 | 25 | 66253371517* | 5900442854733 |
| | 230 | 3,2x22,24 | A30S-BF42 | 25 | 66253371518 | 5900442854740 |

* Made to order

## METAL-INOX

TYPE 27



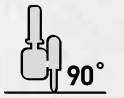
These depressed centre grinding wheels provide longer life and high material removal for metal and metal-inox applications. Free from iron, sulphur and chloride, eliminating contamination when grinding.

| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 27 | 115 | 6,4x22,23 | A 30 P-BF27 | 10 | 66253371519 | 5900442854757 |
| | 125 | 6,4x22,23 | A 30 P-BF27 | 10 | 66253371520 | 5900442854764 |
| | 180 | 6,4x22,23 | A 30 P-BF27 | 10 | 66253371521 | 5900442854771 |
| | 230 | 6,4x22,23 | A 30 P-BF27 | 10 | 66253371522 | 5900442854788 |




## STONE

TYPE 41





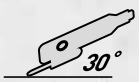

Straight cutting discs for angle grinders. With silicon carbide grains, the stone cutting wheel produces less dust, noise and material loss as well as a precise cut.

| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 41 | 115 | 2,5x22,2 | C 30 R-BF41 | 25 | 66252839627 | 5900442898614 |
| | 125 | 2,5x22,2 | C 30 R-BF41 | 25 | 66252839628 | 5900442898621 |
| | 180 | 2,5x22,2 | C 30 R-BF41 | 25 | 66252839629 | 5900442898638 |
| | 230 | 3,2x22,2 | C 30 S-BF41 | 25 | 66252832262 | 5900442881142 |
| | | 2,5x22,2 | C 30 R-BF41 | 25 | 66252839630 | 5900442898645 |




## STONE

TYPE 27






Depressed centre grinding wheels for angle grinders with silicon carbide grains, the stone grinding wheels provide longer life and high material removal.

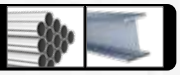
| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 27 | 115 | 6,0x22,23 | C 30 R-BF27 | 10 | 66252839631* | 5900442898652 |
| | 125 | 6,0x22,2 | C 30 R-BF27 | 10 | 66252839632* | 5900442898669 |
| | 180 | 6,0x22,23 | C 30 R-BF27 | 10 | 66252839633* | 5900442898676 |
| | 230 | 6,0x22,23 | C 30 R-BF27 | 10 | 66252839634 | 5900442898683 |

* Made to order

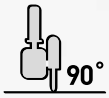


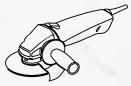


## NEW STANDARD RANGE



TYPE 41



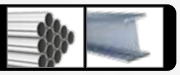



Short and concise range dedicated to metal cutting operations. These discs offer an aggressive price performance ratio.



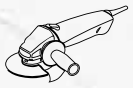

| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 41 | 115 | 1.0x22.23 | A 60 R | 25 | 66252848871 | 6111252835938 |
| | 115 | 1.6x22.23 | A 46 R | 25 | 66252848872 | 6111252835945 |
| | 115 | 2.5x22.23 | A 30 R | 25 | 66252848876 | 6111252835983 |
| | 125 | 1.0X22.23 | A 60 R | 25 | 66252848873 | 6111252835952 |
| | 125 | 1.6x22.23 | A 46 R | 25 | 66252848874 | 6111252835969 |
| | 125 | 2.5x22.23 | A 3 0R | 25 | 66252848877 | 6111252835990 |
| | 230 | 1.9x22.23 | A 46 R | 25 | 66252848875 | 6111252835976 |
| | 230 | 2.5x22.23 | A 3 0R | 25 | 66252848878 | 6111252836003 |

## NEW STANDARD RANGE



TYPE 27



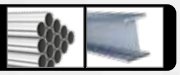



These depressed centre grinding wheels provide a good removal rate for metal applications.
These are great for all rounder grinding operations

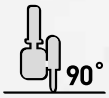



| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 27 | 115 | 6.0x22.23 | A 24 Q | 10 | 66252848879 | 6111252836010 |
| | 125 | 6.0x22.23 | A 24 Q | 10 | 66252848880 | 6111252836027 |
| | 230 | 6.0x22.23 | A 24 Q | 10 | 66252848881 | 6111252836034 |

## NEW STANDARD RANGE



TYPE 42






This depressed centre cutting disc provides longer life and high material removal for steel and stainless steel applications.

- Norton Clipper STANDARD cutting and grinding wheels provide customers with a highly competitive solution that is guaranteed by the oSa label.
- Cutting and grinding wheel range is dedicated to METAL only.




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 42 | 115 | 3,2x22,23 | A30R | 25 | 66252849252 | 8013414844742 |
| | 125 | 3,2x22,23 | A30R | 25 | 66252849253 | 8013414844759 |
| | 230 | 3,2x22,23 | A30R | 25 | 66252849254 | 8013414844766 |

## NORTON CLIPPER LCG



TYPE 27

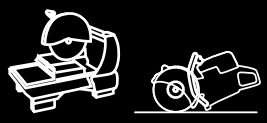





Norton Clipper Multi-materials LCG is a product dedicated to grind all type of material.
Its reduced thickness provide great comfort and handling. It is particularly recommended for light operations with cordless angle grinders

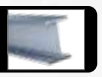



| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 27 | 115 | 3.0x22.23 | C 30 S | 10 | 66252848948 | 8719362283250 |
| | 125 | 3.0x22.23 | C 30 S | 10 | 66252848949 | 8719362283267 |





## METAL



TYPE 41



Extra reinforced demolition blades for petrol saw cutting machines.




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | M/S | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|---|
| 41 | 300 | 3,5x20,0 | A 24 R-BF41 | 80 | 10 | 66253371525 | 5900442854818 |
| | | 3,5x25,4 | A 24 R-BF41 | 80 | 10 | 66253371526 | 5900442854825 |
| | 350 | 4,0x20,0 | A 24 R-BF41 | 100 | 10 | 66253371527 | 5900442854832 |
| | | 4,0x25,4 | A 24 R-BF41 | 100 | 10 | 66253371528 | 5900442854849 |
| | 400 | 4,0x20,0 | A 24 R-BF41 | 100 | 10 | 66253371529 | 5900442854856 |

## STONE



TYPE 41



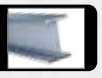
Straight cutting discs for petrol saws. Sharp silicon carbide abrasive optimizes cutting on stone and brick. This wheel provides longer life, quick and straight cutting.




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | M/S | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|---|
| 41 | 300 | 3,5x20,0 | C 24 R-BF41 | 80 | 10 | 66252832263* | 5900442881159 |
| | | 3,5x25,4 | C 24 R-BF41 | 80 | 10 | 66252832264* | 5900442881166 |
| | 350 | 4,0x20,0 | C 24 R-BF41 | 100 | 10 | 66252832265* | 5900442881173 |
| | | 4,0x25,4 | C 24 R-BF41 | 100 | 10 | 66252832266* | 5900442881180 |
| | 400 | 4,0x20,0 | C 24 R-BF41 | 100 | 10 | 66252832267* | 5900442881197 |

* Made to order

## METAL



TYPE 41



For light, low horsepower portable machines. Designed with finer grit and soft grade for cutting denser materials like metal bars, tubes & pipes with reinforcements.




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | M/S | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|---|
| 41 | 350 | 3,0x25,4 | A 36 P-BF41 | 80 | 10 | 66253371530* | 5900442854863 |

* Made to order

## MULTIPURPOSE



TYPE 41



Straight cutting discs for petrol saws. Sharp silicon carbide grains optimizes cutting all materials including carbon steel, stone, aluminium, PVC, ceramics and tiles. This wheel provides longer life, quick and straight cutting.




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | M/S | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|---|
| 41 | 300 | 3,5x20 | C 24 R-BF41 | 80 | 10 | 66252845495 | 5903112917578 |

# THIN WHEEL SET

TYPE 41

90°

## SPECIFIT SET OF 4 +1 FREE STEEL / INOX DISCS

Straight cutting disc providing long life, durability and high material removal for metal and metal-inox applications. Free from iron, sulphur and chloride, the disc eliminates contamination when cutting.

Ideal for cutting sheet metal and studs.




| TYPE | DIA Ø (mm) | TxB (mm) | SPECIFICATION | PK QTY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| 41 | 230 | 1,9x22 | A 46S | 25 | 66252847048 | 6111252835921 |

# PASS ON THIS LEAFLET TO THOSE USING THE ABRASIVE PRODUCT

The recommendations contained in this leaflet should be followed by all users of abrasive products in the interests of their personal safety

## GENERAL PRINCIPLES OF SAFETY

**ABRASIVE PRODUCTS IMPROPERLY USED CAN BE VERY DANGEROUS.**

- Always follow the instructions provided by the abrasive product and machine supplier.
- Ensure that the abrasive product is suitable for its intended use. Examine all abrasive products for damage or defects before mounting.
- Follow the correct procedures for handling and storage of abrasive products.

Be aware of the hazards likely during the use of abrasive products and observe the recommended precautions to be taken:

- Bodily contact with the abrasive product at operating speed.
- Injury resulting from product breakage during use.
- Grinding debris, sparks, fumes and dust generated by the grinding process.
- Noise.
- Vibration.

Use only abrasive products conforming to the highest standards of safety. The following EN standards provide the essential safety requirements for relevant abrasives products.

- EN12413 for Bonded Abrasives.
- EN13236 for Superabrasives.
- EN13743 for Specific Coated Abrasives (vulcanised fibre discs, flap wheels, flap discs and spindle-mounted flap wheels).

Never use a machine that is not in good working order or one with defective parts.

Employers should carry out a risk assessment on all individual abrasive processes to determine the appropriate protective measures necessary. They should ensure that their employees are suitably trained to carry out their duties.

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This leaflet is only intended to provide basic safety recommendations. For more detailed information on the safe use of abrasive products, reference to our comprehensive Safety Codes is strongly recommended.

These are available from FEPA or your National Trade Association:

- FEPA Safety Code for Bonded Abrasives and Precision Superabrasives.
- FEPA Safety Code for Superabrasives for Stone and Construction.
- FEPA Safety Code for Coated Abrasives.

## PRECAUTIONS AGAINST LIKELY HAZARDS

### NOISE

- Ear protection complying with EN352 is recommended for all applications where the workpiece or machine is hand-held, irrespective of the noise level.
- Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive noise.

### VIBRATION

- Processes where the workpiece or machine is hand-held can cause vibration injury.
- Action needs to be taken if tingling, pins and needles or numbness is experienced after 10 minutes continuous use of the abrasive product.
- The effects of vibration are more pronounced in cold conditions so keep the hands warm and exercise hands and fingers regularly. Use modern equipment with low vibration levels.
- Maintain all equipment in good condition and stop the machine and have it checked if excessive vibration occurs.
- Use good quality abrasive products and keep them in good condition during their life.
- Maintain mounting flanges and back-up pads in good condition and replace if worn or distorted.
- Do not grip the workpiece or machine too tightly and do not exert excessive pressure on the abrasive product.
- Avoid continuous use of the abrasive product.
- Use the correct product. An unsuitable product can produce excessive vibration.
- Don't ignore the physical symptoms of vibration - seek medical advice.

### BODILY CONTACT WITH THE ABRASIVE PRODUCT

- Always take great care and attention when using abrasive products. Tie back long hair and do not wear loose clothing, ties and jewellery.
- Prevent accidental start-up of the machine before mounting or changing an abrasive product. Isolate machines from their power source where necessary.
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted before starting the machine.
- Always use gloves and suitable clothing where the workpiece or machine is hand-held. For gloves, a minimum protection level of EN 388 Category 2 is recommended.
- After switching off the machine, ensure the product has come to rest before leaving the machine unattended.

### INJURY CAUSED BY PRODUCT BREAKAGE

- Always handle abrasives with great care, they are easily damaged. Examine all products for defects or damage before use.
- Store abrasives in dry, frost-free conditions avoiding wide variations in temperature. Ensure they are properly protected and supported to prevent damage and distortion.
- Coated abrasives should be stored at 18-22° C, 45-65% relative humidity.
- Abrasive belts should be hung on a rod or peg not less than 50mm diameter.
- Never use an abrasive product beyond its expiry date where marked. Observe the recommended shelf life for the following specific products; Resinoid and Shellac products 3 years, Rubber products 5 years, Vitrified products 10 years.
- **Check abrasive product or package for any warnings or other safety information:**




- Ensure that the correct abrasive product is selected. Never use a product if it cannot be properly identified.
- Follow the instructions provided by the abrasive product or machine supplier when mounting abrasive products. Observe any mounting indications marked on the product such as direction of run or mounting position.
- Never force the abrasive product onto the mounting fixture or modify it to fit.
- Never exceed the maximum operating speed where specified.
- Check that the correct mounting devices are used and that they are undistorted, clean and free from burrs.
- Use mounting blotters where supplied.
- Do not tighten the mounting device excessively.
- After mounting or re-mounting an abrasive product, conduct a trial run at operating speed with the guard in place for at least 30 seconds, standing clear of the machine before use.
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted.
- Ensure that the workpiece is secure and properly supported. Ensure that work rests are properly adjusted and secure.
- Never start the machine with the workpiece in contact with the abrasive product.
- Never apply excessive force or shock to the abrasive product or let it overheat.
- Do not grind on the part of the product that is not designed for the operation. Avoid grinding with the edge of abrasive belts, use the centre of the belt if possible.
- Avoid clogging and uneven wear to ensure that the abrasive product is working efficiently. Dress frequently where appropriate.
- Let the abrasive product stop naturally, not by applying pressure to its surface.
- Turn off and spin out excess coolant before stopping the machine.
- Do not leave abrasive belts under tension when not in use.

### GRINDING DEBRIS - SPARKS, DUST AND FUMES

- Exposure to grinding debris can cause lung damage and other physical injuries.
- All dry grinding processes should be provided with adequate extraction facilities.
- Do not use abrasive products near flammable materials.
- The use of respirators complying with EN149 is recommended for dry grinding processes even if extraction systems are provided.
- Guards where provided should be adjusted to deflect sparks and debris away from the operator. Take additional measures to protect people working nearby.
- Eye protection is recommended for all machine applications for abrasives. For hand-held machines or workpiece, goggles or full-face shields with a minimum protection level of EN166 Grade B are recommended.
- Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive debris and dust.

## DISPOSAL OF ABRASIVES

- Used or defective abrasives should be disposed in accordance with local or national regulations.
- Further information can be obtained from Voluntary Product Information provided by the supplier.
- Be aware that the abrasive product may be contaminated with material from the workpiece or process after use.
- Disposed abrasive products should be damaged to prevent them from being taken from waste skips and re-used.

IMPORTANT NOTICE
Every effort has been made to ensure that all information supplied in this leaflet is accurate and up to date. We cannot accept, however, responsibility for any error or omission, nor for any consequential loss or damage so arising (E & OE).

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# COATED ABRASIVES FOR HAND & MACHINE SANDING

The Norton Clipper range of abrasives for hand, machine and floor sanding has been engineered with cutting edge technology to provide professional grade and high performance abrasives that meet the most demanding requirements.



# ANTI-CLOGGING SCREENBAK SANDING DISCS



Self-gripping abrasive discs for sanding and finishing, on a drywall sander.
With an anti-clogging open mesh structure for excellent performance and long life.
Also available in bulk quantity in boxes of 25 discs.




| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 225 | 60 | 5 | 5 | 66261119850 | 5900442856188 |
| | 80 | 5 | 5 | 66261119851 | 5900442856195 |
| | 100 | 5 | 5 | 66261119852 | 5900442856225 |
| | 120 | 5 | 5 | 66261119848 | 5900442855624 |
| | 150 | 5 | 5 | 66261119871 | 5900442856232 |
| | 220 | 5 | 5 | 66261119873 | 5900442856249 |
| 225 BULK PACK | 60 | 1 | 25 | 66623332303 | 3157629377042 |
| | 80 | 1 | 25 | 66623332310 | 3157629377059 |
| | 100 | 1 | 25 | 66623332311 | 3157629377066 |
| | 120 | 1 | 25 | 66623332313 | 3157629377073 |
| | 150 | 1 | 25 | 66623332318 | 3157629377097 |
| | 220 | 1 | 25 | 66623332322 | 3157629377102 |



# MESHPOWER DISCS





An alternative to traditional perforated paper discs, Meshpower is a multifunctional abrasive designed with thousands of holes, created by the unique mesh matrix structure.

- Mesh backing enables excellent dust extraction, for a cleaner working environment and less clean up time
- No-fil® technology prevents clogging for longer product life
- Can be used wet or dry
- Self-grip backing for a quick and easy disc change
- Can be used on many materials, flat and contoured surfaces, by hand or machine
- No defined hole pattern for fast, easy alignment with the back-up pad

### ALUMINIUM OXIDE MESHPOWER



| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 225 BULK PACK | 80 | 1 | 25 | 78072703555 | 8719362231800 |
| | 120 | 1 | 25 | 78072703556 | 8719362231817 |
| | 180 | 1 | 25 | 78072703557 | 8719362231824 |
| | 240 | 1 | 25 | 78072703558 | 8719362231831 |
| | 320 | 1 | 25 | 78072703559 | 8719362231848 |
| | 400 | 1 | 25 | 78072703560 | 8719362231855 |

### CERAMIC MESHPOWER

Ceramic grain provide the ultimate material removal, best productivity, longest life and finest finish.




| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 225 | 60 | 5 | 5 | 78072706118 | 8719362229180 |
| | 80 | 5 | 5 | 78072705844 | 8719362229111 |
| | 120 | 5 | 5 | 78072705845 | 8719362229128 |
| | 180 | 5 | 5 | 78072705846 | 8719362229135 |
| | 240 | 5 | 5 | 78072705847 | 8719362229142 |
| | 320 | 5 | 5 | 78072705848 | 8719362229159 |

# PAPER DISCS

6 and 8 holes sanding discs with self-grip backing for quick and easy disc changing. These sanding discs are ideal for achieving perfect results on all surface types including wood, paint and metal.

| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 125 8 Holes | 40 | 10 | 5 | 66261118234 | 3157629667644 |
| | 80 | 10 | 5 | 66261118236 | 3157629667651 |
| | 120 | 10 | 5 | 66261118237 | 3157629667675 |
| | 180 | 10 | 5 | 66261118238 | 3157629667682 |
| 150 6 Holes | 40 | 10 | 5 | 66261121647 | 5900442859592 |
| | 80 | 10 | 5 | 66261121648 | 5900442859608 |
| | 120 | 10 | 5 | 66261121643 | 5900442859585 |
| | 180 | 10 | 5 | 66261121649 | 5900442859615 |




# MESHPOWER DISCS

An alternative to traditional perforated paper discs, Meshpower is a multifunctional abraisive designed with thousands of holes, created by the unique mesh matrix structure.

- Mesh backing enables excellent dust extraction, for a cleaner working environment and less clean up time
- No-fil® technology prevents clogging for longer product life
- Can be used wet or dry
- Self-grip backing for a quick and easy disc change
- Can be used on many materials, flat and contoured surfaces, by hand or machine
- No defined hole pattern for fast, easy alignment with the back-up pad

### ALUMINIUM OXIDE MESHPOWER

| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 150 BULK PACK | 80 | 1 | 50 | 69957326274 | 8719362175043 |
| | 120 | 1 | 50 | 69957326275 | 8719362175050 |
| | 180 | 1 | 50 | 69957326276 | 8719362175067 |
| | 240 | 1 | 50 | 69957326277 | 8719362175074 |
| | 320 | 1 | 50 | 69957326278 | 8719362175081 |



### CERAMIC MESHPOWER

Ceramic grain provide the ultimate material removal, best productivity, longest life and finest finish.

| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 125 | 60 | 5 | 5 | 78072706114 | 8719362229166 |
| | 80 | 5 | 5 | 78072705833 | 8719362228435 |
| | 120 | 5 | 5 | 78072705834 | 8719362229029 |
| | 180 | 5 | 5 | 78072705835 | 8719362229036 |
| | 240 | 5 | 5 | 78072705836 | 8719362229043 |
| | 320 | 5 | 5 | 78072705837 | 8719362229050 |
| 150 | 60 | 1 | 5 | 78072706115 | 8719362229173 |
| | 80 | 1 | 5 | 78072705838 | 8719362229067 |
| | 120 | 1 | 5 | 78072705840 | 8719362229074 |
| | 180 | 1 | 5 | 78072705841 | 8719362229081 |
| | 240 | 1 | 5 | 78072705842 | 8719362229098 |
| | 320 | 1 | 5 | 78072705843 | 8719362229104 |



## FIBRE DISCS

High performance, aggressive metal removal. Use with a back up pad.

| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 125 | 36 | 5 | 5 | 66261118320 | 3157629668870 |
| | 50 | 5 | 5 | 66261118432 | 3157629667408 |
| | 80 | 5 | 5 | 66261118436 | 3157629667415 |




## SEMI FLEXIBLE DISCS

Sharp silicon carbide abrasive for use on marble, granite,concrete, fibreglass & cast iron.
Use with a back up pad.

| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 125x22 | 16 | 1 | 25 | 66261083476 | 3157629062937 |
| | 24 | 1 | 25 | 7660719292 | 3157625442856 |
| | 36 | 1 | 25 | 7660719293 | 3157625442863 |
| | 60 | 1 | 25 | 7660719294 | 3157625442887 |
| | 80 | 1 | 25 | 7660719295 | 3157625442894 |
| 180x22 | 16 | 1 | 25 | 66261083479 | 3157629062968 |
| | 24 | 1 | 25 | 7660719296 | 3157625442900 |
| | 36 | 1 | 25 | 7660719297 | 3157625442917 |
| | 60 | 1 | 25 | 7660719298 | 3157625442924 |
| | 80 | 1 | 25 | 7660719299 | 3157625442948 |



## BACK UP PAD

For use with fibre discs and semi flexible discs.

| | DIA Ø (mm) | ATTACHMENT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|---|
| | 115x22 | M14 | 1 | 5 | 66261121553 | 3157629692820 |
| | 125x22 | M14 | 1 | 5 | 66261118437 | 3157629668924 |
| | 180x22 | M14 | 1 | 5 | 66261121556 | 3157629692837 |



# FLAP DISCS

High performance zirconia grain for fast material removal and excellent finish on wood, paint and metal. Available in a range of sizes.

| DIM (mm) | GRIT | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 100x16 | 40 | 10 | 66261118443 | 3157629669471 |
| | 60 | 10 | 66261118464 | 3157629669488 |
| | 80 | 10 | 66261118465 | 3157629669495 |
| 115x22 | 40 | 10 | 66261118466 | 3157629669501 |
| | 60 | 10 | 66261118468 | 3157629669518 |
| | 80 | 10 | 66261118469 | 3157629672723 |
| 125x22 | 40 | 10 | 66261118471 | 3157629672730 |
| | 60 | 10 | 66261118472 | 3157629672747 |
| | 80 | 10 | 66261118473 | 3157629672754 |




# NON-WOVEN DISCS FOR WOOD

Non-woven discs for wood are made of nylon fibres impregnated with aluminium oxide abrasive grains, for stripping paint and varnish from hard wood surfaces, it leaves the surface clean and immediately ready to paint. Ideal for use on curved and hard to reach areas.

| | DIM (mm) | GRIT | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 125 | Medium | 10 | 66261118479 | 3157629668979 |




# NON-WOVEN DISCS FOR METAL & STONE

Non-woven discs for metal are made of nylon fibres impregnated with silicon carbide abrasive grain, for use in stripping rust from metal and cleaning stone, it leaves the surface clean and immediately ready to paint.

| | DIM (mm) | GRIT | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| | 125 | Coarse | 10 | 66261118477 | 3157629668962 |
| | 180 | Coarse | 5 | 66261118480 | 3157629668986 |



# CUT SHEETS

For use on orbital sanders, for applications from stripping to finishing on wood, paint and metal.



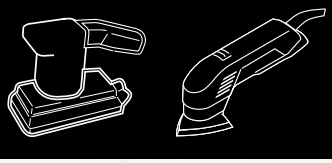
| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 93x230<br>No holes | 40 | 5 | 5 | 66261137988 | 5900442870917 |
| | 80 | 5 | 5 | 66261137990 | 5900442870931 |
| | 120 | 5 | 5 | 66261137991 | 5900442870948 |
| | 180 | 5 | 5 | 66261137992 | 5900442870955 |
| 115x280<br>14 holes | 40 | 5 | 5 | 66261131047 | 5900442867511 |
| | 80 | 5 | 5 | 66261131048 | 5900442867528 |
| | 120 | 5 | 5 | 66261131049 | 5900442867535 |
| | 180 | 5 | 5 | 66261131050 | 5900442867542 |

### ANTI-CLOGGING CUT SHEETS

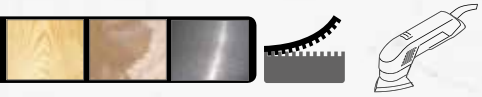
Cut sheets with a stearate layer to prevent clogging for longer life and perfect finish.



| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 80x133 | 80 | 5 | 5 | 69957316197 | 5903112906145 |
| | 120 | 5 | 5 | 69957316198 | 5903112906152 |
| | 180 | 5 | 5 | 69957316259 | 5903112906626 |
| | 240 | 5 | 5 | 69957316260 | 5903112906633 |



## DELTA SANDING SHEETS

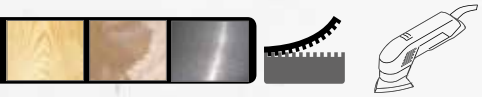


Triangular self-gripping sheets for sanding hard to reach areas. Abrasive can be changed quickly and easily when stripping, sanding or finishing wood, paint or metal surfaces.




| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 93x93x93 | 40 | 5 | 5 | 66261131051 | 5900442867559 |
| | 80 | 5 | 5 | 66261131052 | 5900442867566 |
| | 120 | 5 | 5 | 66261131053 | 5900442867573 |
| | 180 | 5 | 5 | 66261131055 | 5900442867580 |
| 93x135 | 40 | 5 | 5 | 78072719947 | 5903112947155 |
| | 80 | 5 | 5 | 78072719950 | 5903112947162 |
| | 120 | 5 | 5 | 78072719951 | 5903112947179 |
| | 180 | 5 | 5 | 78072719953 | 5903112947186 |
| 105x175 | 40 | 5 | 5 | 78072719940 | 5903112947117 |
| | 80 | 5 | 5 | 78072719941 | 5903112947124 |
| | 120 | 5 | 5 | 78072719943 | 5903112947131 |
| | 180 | 5 | 5 | 78072719946 | 5903112947148 |

## ANTI-CLOGGING MULTI-SANDER SHEETS



Detail self-gripping sanding sheet, with a stearate layer to prevent clogging for longer life and perfect finish. For applications from sanding to finishing on wood, paint and metal.




| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 100x150 | 80 | 5 | 5 | 69957316186 | 5903112906305 |
| | 120 | 5 | 5 | 69957316190 | 5903112906121 |
| | 180 | 5 | 5 | 69957316192 | 5903112906138 |
| | 240 | 5 | 5 | 69957316230 | 5903112906329 |

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### FSC® CERTIFICATION

Utilising responsibly sourced material and preserving natural resources is a high priority, look out for the FSC® logo next to Norton Clipper products manufactured using FSC® certified paper.

# SANDING BELTS

The belts are reversible so can be used both ways on the machine.
Aluminium oxide grain for general purpose applications.

| DIA Ø (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 75x533 | 36 | 4 | 5 | 66261131031 | 5900442867337 |
| | 50 | 4 | 5 | 66261131034 | 5900442867344 |
| | 80 | 4 | 5 | 66261131035 | 5900442867351 |
| | 120 | 4 | 5 | 66261131038 | 5900442867368 |
| 100x610 | 36 | 4 | 5 | 66261131039 | 5900442867375 |
| | 50 | 4 | 5 | 66261131044 | 5900442867382 |
| | 80 | 4 | 5 | 66261131045 | 5900442867399 |
| | 120 | 4 | 5 | 66261131046 | 5900442867405 |



## GLASS PAPER SHEETS

A standard quality general purpose paper for sanding wood, paint & metal.

| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 230x280 | ASSORTED 5x60 10x80 10x120 | 25 | 1 | 69957371149 | 3157629784624 |



## MULTI-PURPOSE SHEETS A213

Provides good results on all surface types. With a light paper backing providing flexibility for comfortable sanding.

| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 230x280 | 40 | 5 | 10 | 66261118243 | 3157629667934 |
| | 80 | 5 | 10 | 66261118244 | 3157629667941 |
| | 120 | 5 | 10 | 66261118245 | 3157629667958 |




## MULTI-PURPOSE SHEETS A203F

Mutlipurpose sandpaper sheets with heavy paper backing and open distribution to reduce clogging.

| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 230x280 | 60 | 25 | 10 | 69957370884 | 5903112923616 |
| | 80 | 25 | 10 | 69957370887 | 5903112923623 |
| | 120 | 25 | 10 | 69957370888 | 5903112923630 |



## ANTI-CLOGGING SHEETS A275

The No-fil® coating reduces sanding dust build-up (clogging) on the abrasive for a longer product life and a perfect finish. Made with a light latex fibre reinforced paper backing it is very flexible, long lasting and comfortable to use and provides complete surface smoothing and finishing on plaster, filler and varnish.

| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 230x280 | 80 | 5 | 10 | 66261118239 | 3157629667699 |
| | 120 | 5 | 10 | 66261118240 | 3157629667705 |
| | 180 | 5 | 10 | 66261118241 | 3157629667712 |
| | 240 | 5 | 10 | 66261118242 | 3157629667927 |



## ANTI-CLOGGING SHEETS A290

Made with anti-loading stearate, the A290 sanding sheet provides a good sanding performance on a range of materials and offers an increased lifetime compared to standard abrasive.
Available in bulk packs of 25.



| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 230x280 | 80 | 25 | 10 | 69957370891 | 5903112923661 |
| | 120 | 25 | 10 | 69957370892 | 5903112923678 |
| | 150 | 25 | 10 | 69957370893 | 5903112923685 |
| | 180 | 25 | 10 | 69957370894 | 5903112923692 |

## SUPER FLEXIBLE SHEETS

Made with a flexible and resistant cloth backing, ideal for sanding curved or contoured surfaces on bare, painted and varnished wood. Can be torn into strips for sanding hard to reach areas and curves.




| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 230x280 | 40 | 5 | 10 | 66261118246 | 3157629667965 |
| | 80 | 5 | 10 | 66261118247 | 3157629667972 |
| | 120 | 5 | 10 | 66261118248 | 3157629667989 |
| | 180 | 5 | 10 | 66261121659 | 5900442859660 |

## WATERPROOF SHEETS

Latex paper backing for wet and dry use, use wet for best results as the water helps to clean, lubricates and helps prevent clogging. Silicon carbide grain for high performance on metals.




| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 230x280 | 240 | 5 | 10 | 66261118256 | 3157629667996 |
| | 400 | 5 | 10 | 66261118257 | 3157629668009 |
| | 600 | 5 | 10 | 66261118258 | 3157629668016 |

## SELF GRIP ROLLS

Self-gripping roll scan be used by hand, with a sanding block or a self gripping machine.
An excellent multifunctional product, made with Zirconium abrasive for high performance.
Can be used on all wood, paint and metal surfaces




| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 93x5000 | 40 | 1 | 3 | 69957311156 | 5900442900096 |
| | 80 | 1 | 3 | 69957311157 | 5900442900102 |
| | 120 | 1 | 3 | 69957311158 | 5900442900119 |
| | 180 | 1 | 3 | 69957311160 | 5900442900126 |

## BEARTEX HAND PADS

Made from nylon fibre, impregnated with abrasive grain, giving a three dimensional abrasive that can be used on all sides. Ideal for a number of applications, from surface preparation to finishing and cleaning of wood, paint, metal, plastics, glass and tiles.

- Heavy duty cleaning
- Surface preparation
- Final finishing
- Cleaning

| DIM (mm) | COLOUR / GRADE | ITEM No. | EAN | PACK QUANTITY | BOX QUANTITY |
|---|---|---|---|---|---|
| 150x115 | BROWN: MEDIUM | 66261138007 | 3157629726259 | 5 | 10 |
| | MAROON: EXTRA FINE | 66261138006 | 3157629726242 | 5 | 10 |
| | GREY: ULTRA FINE | 66261138005 | 3157629726235 | 5 | 10 |
| | WHITE: NON-ABRASIVE | 66261138003 | 3157629726228 | 5 | 10 |




## SANDING BLOCK AND REFILLS

The ergonomic foam block is comfortable and easy to use. Ideal for use on small, flat, wooden, painted or metal surfaces. Available with and without refills. Refills can also be purchased separately.






| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 70x125x40 | N/A | 1 | 5 | 7660705180 | 3157620317005 |
| 70x125x40 KIT | 1 x BLOCK<br>2 x 40<br>3 x 80<br>2 x 120<br>2 x 180 | 1 x BLOCK<br>9 X REFILLS | 5 | 66261131056 | 5900442867597 |
| 70x125 REFILLS | 80 | 12 | 5 | 66261131057 | 5900442867603 |
| | 120 | 12 | 5 | 66261131058 | 5900442867610 |
| | 180 | 12 | 5 | 66261131059 | 5900442867627 |

## RUBBER SANDING BLOCK

Can be used with all types of sandpaper. Provides a comfortable grip for better sanding control and an even surface finish. Tear a suitable size of abrasive paper and wrap around block using grips to hold in place.



| DIM (mm) | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 102x67x20 | 1 | 20 | 66623382148 | 3157629510665 |

# PLASTER SANDING KIT & REFILLS

The complete sanding kit for plaster and filler. Screenbak abrasive reduces clogging and the ergonomic handle gives greater control and comfortable grip. Large, flat surface area of the block means fast results on large areas. Refills are available for sanding rough plaster and finishing and smoothing prior to painting.

| DIM (mm) | GRIT | PACK QUANTITY | BOX QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 115 x 280 KIT | 1 x BLOCK<br>2 x 120<br>2 x 220 | 1 x BLOCK<br>4 x REFILLS | 5 | 66261148287 | 5900442877916 |
| 115 x 280 | 120 | 2 | 10 | 66261148276 | 5900442877824 |
| | 220 | 2 | 10 | 66261148284 | 5900442877831 |




# HANDY ROLLS

Designed for manual applications. The cloth backing provides high flexibility for de-burring, rust removal and finishing applications on curved surfaces such as pipes, banisters and spindles. Comes in a convenient dispenser which eliminates waste and provides easy storage.

| DIM | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 25mmx25m | 60 | 1 | 63642531823 | 3157620183129 |
| | 80 | 1 | 63642531820 | 3157620182870 |
| | 120 | 1 | 63642531815 | 3157620182542 |
| | 120 | 1 | 63642531811 | 3157620182214 |



# SANDING ROLLS G131F

Sanding rolls with aluminium oxide abrasive and strong heavy paper backing for high performance on wood, paint and metal surfaces. Use by hand or with any of the Norton Clipper sanding blocks for best results.

| DIM | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 115mmx50m | 60 | 1 | 66623377588 | 3157629496886 |
| | 80 | 1 | 66623377589 | 3157629496893 |
| | 120 | 1 | 66623377587 | 3157629496879 |



# SANDING ROLLS A203F

Mutlipurpose sandpaper rolls with heavy paper backing and open distribution to reduce clogging.

| DIM | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 115mmx50m | 80 | 1 | 69957370889 | 5903112923647 |
| | 120 | 1 | 69957370890 | 5903112923654 |



## FSC® CERTIFICATION

Utilising responsibly sourced material and preserving natural resources is a high priority, look out for the FSC® logo next to Norton Clipper products manufactured using FSC® certified paper.

## RED HEAT - R955

Floor sanding belt with SG ceramic abrasive and very strong polyester cloth backing for long life and tear resistance. Ideal for professional floor sanding of hard wood across large areas.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 200x750 | 24 | 5 | 69957345034 | 3157625807969 |
| | 36 | 5 | 69957345033 | 3157625807952 |
| | 40 | 5 | 69957345032 | 3157625807945 |
| | 50 | 5 | 69957345031 | 3157625807938 |
| | 60 | 5 | 69957345030 | 3157625807921 |
| | 80 | 5 | 69957345029 | 3157625807914 |
| | 100 | 5 | 69957345028 | 3157625807907 |

## NORZON - R817

Floor sanding belt with 100% Norzon abrasive and heavy polyester cloth for long life even at high pressure. Very good performance on hard wood.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 200x750 | 24 | 10 | 66261182171 | 5900442661911 |
| | 36 | 10 | 66261182172 | 5900442661928 |
| | 40 | 10 | 66261182173 | 5900442661935 |
| | 60 | 10 | 69957371516 | 5900442662017 |
| | 100 | 10 | 66261182174 | 5900442661942 |
| | 120 | 10 | 69957371513 | 5900442661997 |

## R230

Floor sanding belt with aluminium oxide abrasive and strong cloth backing. Multi-purpose product ideal for sanding wooden floors.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 200x480 | 24 | 20 | 66254445457 | 3157629262733 |
| | 40 | 20 | 66623305193 | 3157629366615 |
| | 60 | 20 | 66623305192 | 3157629366608 |
| | 80 | 20 | 69957353993 | 3157629366592 |
| | 100 | 20 | 66254445458 | 3157629265833 |
| | 120 | 20 | 63642557864 | 3157629261682 |
| 200x551 | 24 | 10 | 66254445468 | 3157629261187 |
| | 36 | 10 | 66254445467 | 3157629262702 |
| | 40 | 10 | 66254445466 | 3157629261163 |
| | 60 | 10 | 63642588232 | 3157629262627 |
| | 80 | 10 | 66254445465 | 3157629262115 |
| | 100 | 10 | 69957372801 | 3157629254226 |
| | 120 | 10 | 66254445464 | 3157629262719 |
| 200x750 | 24 | 10 | 63642521182 | 3157624141040 |
| | 36 | 10 | 69957349006 | 3157625783249 |
| | 40 | 10 | 69957349007 | 3157625781757 |
| | 60 | 10 | 69957349010 | 3157625781733 |
| | 80 | 10 | 69957349014 | 3157625780613 |
| | 100 | 10 | 69957349394 | 3157625756632 |
| | 120 | 10 | 63642558814 | 3157623283925 |

## R427

Floor sanding belt with silicon carbide abrasive and cotton cloth backing.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 200x480 | 40 | 20 | 63642513086 | 3157626298834 |
| | 60 | 20 | 63642513088* | 3157626298841 |
| | 80 | 20 | 63642513090 | 3157626298858 |
| | 120 | 20 | 63642513233 | 3157626436380 |
| 200x750 | 24 | 10 | 63642552608 | 3157622729493 |
| | 36 | 10 | 63642552610 | 3157622729509 |
| | 40 | 10 | 63642552612 | 3157622729516 |
| | 50 | 10 | 63642552613 | 3157622729523 |
| | 60 | 10 | 63642552614 | 3157622729530 |
| | 80 | 10 | 63642552616 | 3157622729547 |
| | 100 | 10 | 63642552618 | 3157622729561 |
| | 120 | 10 | 63642552620 | 3157622729578 |

* Made to order

## DOUBLE SIDED DISCS S413

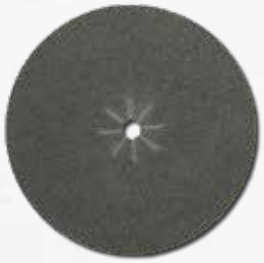
Double sided disc with sharp silicon carbide abrasive and strong combination backing providing a very high cutting action for rough floor sanding applications.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 375x40 | 16 | 10 | 66254449459 | 3157629253588 |
| | 24 | 10 | 66254449460 | 3157629253595 |
| 406x25 | 16 | 10 | 63642552885 | 3157622932848 |
| | 24 | 10 | 66254449468 | 3157629253663 |

## DOUBLE SIDED DISCS H425

Double sided disc with silicon carbide abrasive provides high cutting action for floor sanding applications.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 375x40 | 40 | 10 | 66254449462 | 3157629253618 |
| | 60 | 10 | 66254449463 | 3157629253625 |
| | 80 | 10 | 66254449464 | 3157629253632 |
| | 120 | 10 | 66254449466 | 3157629253656 |
| 406x25 | 40 | 10 | 66254449479 | 3157629253748 |
| | 60 | 10 | 66254449471 | 3157629253687 |
| | 80 | 10 | 66254449472 | 3157629253694 |
| | 100 | 10 | 66254449473 | 3157629253717 |
| | 120 | 10 | 66254449474 | 3157629253724 |

## PLAIN DISCS BEARTEX (NON WOVEN)

Beartex plain discs are ideal for cleaning, polishing and finishing wooden floors.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 150 | Very Fine | 10 | 63642557497 | 3157625578838 |
| | Ultra Fine | 10 | 63642557498 | 3157625578845 |

# PLAIN DISCS H425

Plain discs with silicon carbide abrasive ideal for use on stone surfaces and soft wood.
For dry applications only.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 140x22 | 36 | 100 | 63642546555 | 3157620513629 |
| | 60 | 100 | 63642546518 | 3157620509387 |
| | 80 | 100 | 63642546519 | 3157620509493 |
| | 120 | 100 | 69957360223 | 3157620509608 |
| 150x12 | 36 | 50 | 63642546553 | 3157620513513 |
| | 40 | 100 | 69957360199 | 3157620510345 |
| | 50 | 100 | 63642546525 | 3157620510468 |
| | 60 | 100 | 63642546527 | 3157620510567 |
| | 80 | 100 | 63642546529 | 3157620510673 |
| | 100 | 100 | 69957360218 | 3157620510789 |
| 180x22 | 36 | 50 | 66261176663 | 3157629490815 |
| | 40 | 50 | 66261176664 | 3157629460689 |
| | 50 | 50 | 66261176685 | 3157629693032 |
| | 60 | 50 | 66261176638 | 3157629460672 |
| | 80 | 50 | 63642548176 | 3157629490204 |
| | 100 | 100 | 69957376890 | 3157629693094 |
| | 120 | 100 | 69957377839 | 3157629693100 |

# PLAIN DISCS H231

Plain sanding discs with high performance aluminium oxide abrasive ideal for roughing, intermediate sanding & finishing of solid wood.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 180x22 | 36 | 50 | 66254445393 | 3157629282793 |
| | 40 | 50 | 66254445391 | 3157629282786 |
| | 50 | 50 | 66254445390 | 3157629282779 |
| | 60 | 50 | 66261176692 | 3157629282885 |
| | 80 | 100 | 69957378384 | 3157629282915 |
| | 100 | 100 | 66254445389 | 3157629282762 |
| 200x22 | 40 | 100 | 66254445439 | 3157629262795 |
| | 60 | 100 | 66254445440 | 3157629262788 |

## SCREENBAK DISCS Q421

Waterproof screenbak discs with silicon carbide abrasive on an open mesh backing for extreme resistance to loading, for long life. Ideal for wood sanding applications.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 406 | 60 | 10 | 66261120519 | 3157620314455 |
| | 80 | 10 | 63642536521 | 3157620314462 |
| | 100 | 10 | 66261120517 | 3157620314479 |
| | 120 | 10 | 66261120516 | 3157620314486 |
| | 150 | 10 | 63642536524 | 3157620314493 |
| | 180 | 10 | 63642515105 | 3157627611816 |
| | 220 | 10 | 63642552254 | 3157622465599 |

## BEARTEX FLOOR PADS

Beartex offers a wide range of floor pads from stripping right through to mirror gloss finishing. For general scrubbing and cleaning applications Beartex offers two pads that will remove surface dirt and grime to get the floor back in shape before recoating or buffing.



| DIM (mm) | | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|---|
| 406 Standard | | White Super Gloss | 5 | 63642585892 | 3157625592858 |
| | | Red Buffer | 5 | 63642585890 | 3157625592841 |
| | | Beige | 5 | 63642585873 | 3157625592827 |
| | | Black Super Strip | 5 | 63642585841 | 3157625592698 |
| | | Green Super Scrub | 5 | 63642585877 | 3157625592834 |
| | | Blue Super Clean | 5 | 63642585868 | 3157625592803 |
| 406 Thin line | | Black | 10 | 63642585895 | 3157625592865 |
| | | Green | 10 | 63642585899 | 3157625592872 |
| | | Beige | 10 | 63642585903 | 3157625592889 |
| | | White | 10 | 63642585904 | 3157625592896 |

# SELF-GRIP DISCS H231





High performance aluminium oxide abrasive disc ideal for roughing, intermediate sanding & finishing of solid wood.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 125 | 36 | 100 | 66261176734 | 3157625652613 |
| | 60 | 100 | 63642516174 | 3157621290420 |
| | 80 | 100 | 63642516175 | 3157621290444 |
| | 120 | 100 | 63642516176 | 3157621290536 |
| | 180 | 100 | 63642537389 | 3157625749535 |
| | 240 | 100 | 69957360184 | 3157625809994 |
| | 320 | 100 | 63642537390 | 3157625809666 |
| 150 | 36 | 50 | 63642551458 | 3157625809703 |
| | 40 | 100 | 63642531875 | 3157620657439 |
| | 50 | 100 | 69957360119 | 3157620657446 |
| | 60 | 100 | 63642519158 | 3157620653905 |
| | 80 | 100 | 63642546787 | 3157620653783 |
| | 100 | 100 | 63642531872 | 3157620653561 |
| | 120 | 100 | 63642531871 | 3157620653349 |
| | 150 | 100 | 69957360170 | 3157620657453 |
| | 180 | 100 | 63642536755 | 3157620657460 |
| | 240 | 100 | 63642546797 | 3157620657477 |
| 150 | 40 | 100 | 66261026066 | 3157625891081 |
| | 60 | 100 | 69957382764 | 3157625620353 |
| | 80 | 100 | 66261026069 | 3157625891098 |
| | 100 | 100 | 66261026070 | 3157625891104 |
| | 120 | 100 | 66261026071 | 3157625891111 |
| | 240 | 100 | 69957351531 | 3157625770911 |
| 150 | 40 | 100 | 63642550341 | 3157620650300 |
| | 60 | 100 | 63642536740 | 3157620650317 |
| | 80 | 100 | 63642536741 | 3157620650324 |
| | 100 | 100 | 63642568763 | 3157625658554 |
| | 120 | 100 | 63642546779 | 3157620650348 |
| | 150 | 100 | 63642546781 | 3157620650355 |

## SELF-GRIP DISCS H425

Self grip backed discs with silicon carbide abrasive for high cutting action in wood and concrete sanding applications.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 406 | 40 | 10 | 66254461030 | 3157629692929 |
| | 60 | 10 | 66254499602 | 3157629692974 |
| | 80 | 10 | 66254461035 | 3157629692936 |
| | 100 | 10 | 66254461037 | 3157629692943 |
| | 120 | 10 | 66254464732 | 3157629692950 |

## BEARTEX SELF-GRIP DISCS

Flexible non-loading disc conforms to work surface and provides a uniform finish. Ideal for finishing solid surface materials.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 150 | Very Fine | 10 | 69957383151 | 3157625622791 |
| | Micro Fine | 10 | 69957383162 | 3157625622821 |

# FLOOR SANDING SHEETS H421

Heavy paper sheets with silicon carbide abrasive providing a high cut rate in floor sanding applications.



| DIM (mm) | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
|  | 24 | 25 | 66623319705 | 3157629397503 |
| | 40 | 25 | 66623319704 | 3157629397497 |
| | 60 | 25 | 66623319702 | 3157629397473 |
| | 80 | 25 | 66623319697 | 3157629397466 |
| | 120 | 25 | 66623319698 | 3157629397459 |

## PAPER ROLLS H425

Floor sanding roll with silicon carbide abrasive providing a high cut rate with good tear resistance.



| DIM | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 203mmx50m | 36 | 1 | 63642557681 | 3157625809734 |
| | 40 | 1 | 69957361909 | 3157625810006 |
| | 50 | 1 | 69957352812 | 3157625809987 |
| | 60 | 1 | 63642527466 | 3157625809642 |
| | 80 | 1 | 63642557682 | 3157625809741 |
| | 100 | 1 | 63642557683 | 3157625809758 |
| | 120 | 1 | 63642552702 | 3157622816704 |

## CLOTH ROLLS R230

Floor sanding rolls with aluminium oxide abrasive and cotton cloth, a multipurpose product for metal & wood with a good cutting rate.



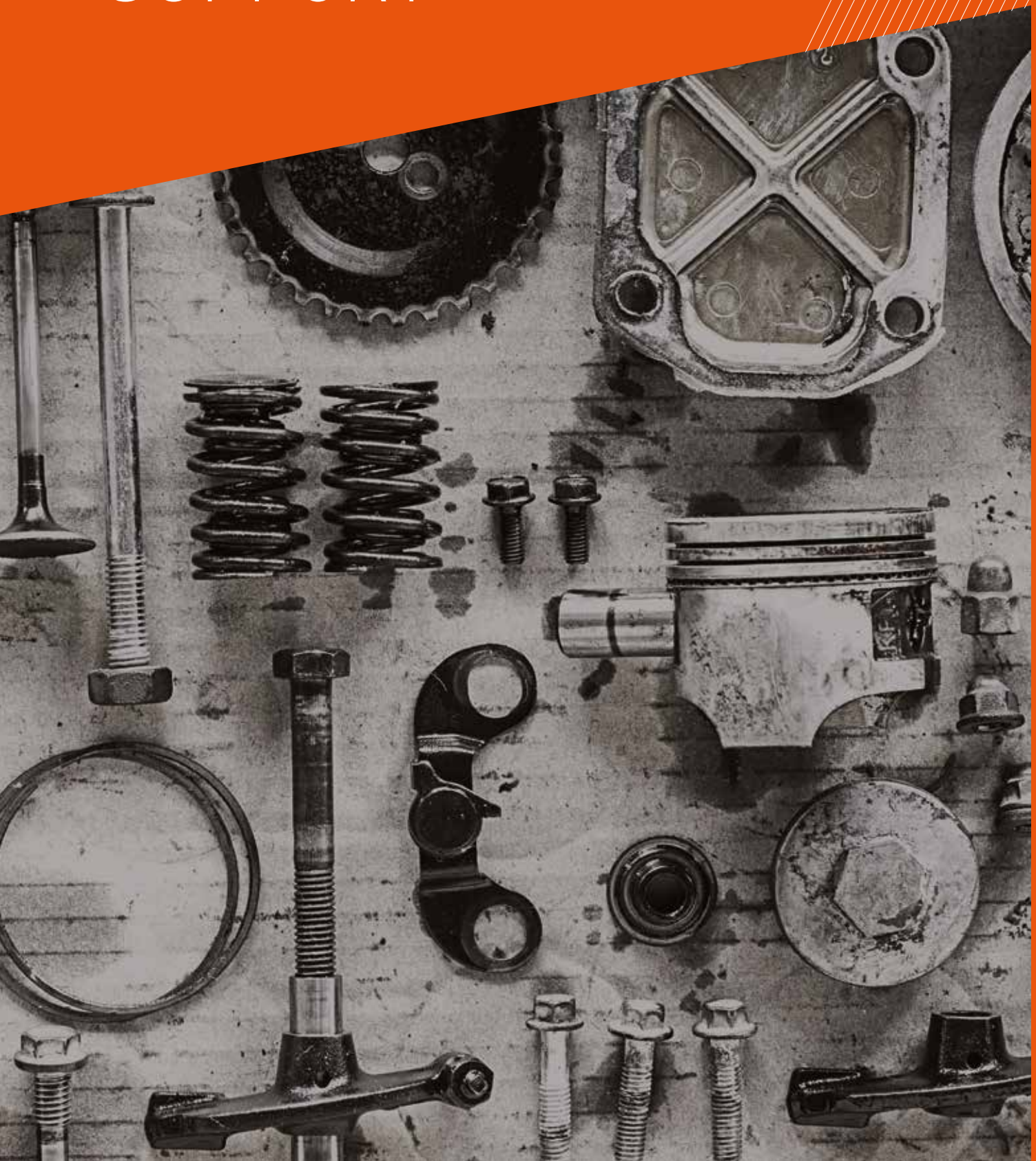
| DIM | GRIT | PACK QUANTITY | ITEM No. | EAN |
|---|---|---|---|---|
| 203mmx50m | 60 | 1 | 63642564505 | 3157623633454 |
| | 80 | 1 | 63642553315 | 3157623196225 |
| | 120 | 1 | 63642508863 | 3157624768834 |

# NOTES

NORTON
SAINT-GOBAIN

clipper

# TECHNICAL SUPPORT



# TROUBLESHOOTING DIAMOND PRODUCTS

| BLADE WORN OUT-OF-ROUND | |
|---|---|
| Worn out shaft bearings on saw. | Install new blade shaft bearings. |
| Machine spindle worn out. A groove may have been scored on the spindle as a result of previous blade spinning on the spindle. | Replace worn out spindle. |
| Blade slipping on spindle. | Tighten spindle nut on the machine. Make certain the drive pin is fitted and functioning where required. |
| Bond too hard for material causing blade to "pound". | Use proper blade specification, a softer bond blade maybe required. |
| Blade being pushed to hard and not allowed to cut – causes bouncing and will lead to blade going out of round. | Slow down traverse rate or reduce depth of cut. |
| Blade spindle speed too high – causing polishing and causing blade to act hard and bounce. | Reduce spindle speed to recommended RPM. |

| UNEVEN SEGMENT WEAR | |
|---|---|
| Insufficient water flow, generally on one side of the blade, which reduces side clearance. | Check pipes are clean and correctly positioned. Make certain that adequate clean water is being equally distributed to both sides of the blade. |
| Equipment defect, which causes the blade to wear out of round. | Replace bad bearings, worn out machine spindle or realign spindle. On concrete saws, ensure the engine runs smoothly, to prevent harmonic vibrations, which in turn cause the blade to pound on a regular cycle basis. |
| Saw head misaligned. | Check saw head alignment both vertically and horizontally. |

| PREMATURE WEAR OF STEEL CENTRE | |
|---|---|
| Steel centre wears away faster than the diamond segment. | If material cut is very abrasive, a blade with undercutting protecting segments should be used. |
| Highly abrasive particles are being generated during cutting. | Use sufficient water to flush swarf out of cut. |
| 1. Hammer segment.<br>2. Double height segment.<br>3. Slant segment. | Caution: Wear-retardant cores are not always the final answer to eliminate undercutting. Blades should be inspected periodically during use. |

| STEEL CENTRE LOSS OF TENSION | |
|---|---|
| Blade core has been overheated. | Provide proper amount of water to both sides of the blade. Make sure water pump is producing sufficient water, that no blockage occurs in water lines, and pipes are correctly positioned. |
| Blade core has been overheated as a result of blade spinning on spindle. | Check spindle and arbor hole for damage. Tighten spindle nut and make certain that the drive pin is present and functioning on floor saws. |
| Blade core has been overheated because of blade core rubbing side of material being cut. | Properly align machine to allow straight cutting. Avoid twisting the blade in cut. Maintain a strong grip on saw. Make certain that spindle RPM is correct so that blade operates at its recommended speed. |
| Unequal pressure on flanges. | Flanges should be of identical and the correct diameter and cleaned regularly. |
| Machine spindle RPM does not match recommended blade RPM. | If spindle speed is too high the blade will act hard and overheat, use correct spindle speed for blade diameter. |

| BLADE IS WOBBLING | |
|---|---|
| Blade mounted on a damaged or worn machine. | Check for damaged or worn out bearings, bent or worn out blade spindle. Also check flanges to make sure they are clean, flat, and of the manufacturer's recommended diameter. |
| Blade being run at improper operating speed (RPM). | Make sure that the spindle is turning at the proper RPM to match the recommended speed for the diameter of blade.<br>Use a tachometer to make certain the machine spindle is set at the proper operating speed. |
| Blade bent. | Do not use, contact manufacturer. |

# TROUBLESHOOTING DIAMOND PRODUCTS

| ARBOR HOLE OUT-OF-ROUND | |
|---|---|
| Blade flanges are not properly tightened, causing blade to rotate or vibrate on spindle. | Tighten spindle nut and make certain blade is adequately secured to prevent rotation on spindle. |
| Worn out, bent or dirty flanges which do not allow proper blade clamping. | Clean or replace flanges, make sure they are not worn out, and tighten spindle nut properly. |
| Blade not properly mounted. | Ensure that the blade is mounted on the proper diameter of spindle. |

| SHORT BLADE LIFE | |
|---|---|
| Using the wrong blade on a specific material. | Use the proper blade specification, as recommended by the manufacturer, depending on your machine power and the hardness and type of material cut. |
| Worn blade shaft bearings, worn blade arbor or misaligned machine spindle. | Replace defective parts. |
| Loss of power, resulting from loose or damaged drive belts. | Tighten or replace drive belts. |
| Inadequate water flow to the blade. | Make sure water hoses are clean and free from any blockages. Ensure clean and correct water flow based on the blade diameter. |
| Power of the machine is too high for the specification. | Refer to the application chart to define the proper specification and bond hardness to be used based on the power of your saw. |
| Machine spindle speed too low for blade diameter. | Use correct speed/set up for blade diameter or use a larger blade. |

| BLADE WILL NOT CUT | |
|---|---|
| Blade is too hard for the material being cut (improper blade specification). | Refer to blade application chart for the proper blade specification based on the machine power and type and hardness of the aggregate. |
| Blade has glazed over, probably as a result of being used on a too hard material or cutting to deep in one pass. | Sharpen the blade by cutting softer abrasive material to expose diamonds. If continual sharpening is required, this would indicate that the blade specification is too hard for the material being cut. |
| Blade rotation speed too high. | Use the correct spindle speed (RPM)for the diameter of blade. |
| Cutting too deep in one pass. | Cutting in multi passes is often required. |
| Allow the diamond to do the work. | Pushing the diamond tool too hard will cause the diamond to polish and stop working. |

| SEGMENT LOSS | |
|---|---|
| The material and/or saw was not held firmly, which caused the blade to twist or jam in the cut. | Hold material or saw firmly. |
| Not sawing in a straight line with overcorrecting caused the blade to twist or jam in the cut. | Properly align saw to allow straight cutting, avoid twisting the blade in the cut. |
| Deflective flanges which cause the blade to flutter in the cut or fail to properly support the blade in perfect alignment. | Clean foreign material from flange surfaces, or replace flanges if they are under manufacturer's recommended diameter or are bent or deformed. |
| Blade is too hard for material being cut causing the segment to glaze over. The segment separated due to impacts or fatigue. | Use the proper blade specification for the material being cut. |
| Overheating due to inadequate supply of coolant (water or air). This usually comes with discolorations on the core in the area of segment loss. Overheating of blades may cause core cracks or segment loss. | Wet cutting – provide adequate water flow on both sides of the blade. Dry cutting – periodically allow blades to run out of the cut. The blade will cool in a few seconds so that sawing may continue. |
| Under cutting on steel centre. | Segments suffer undercutting from abrasive material or inadequate water supply. Use undercutting protection or increase water flow. If in doubt return blade for inspection. |
| Power of the machine is too high for the specification. | Refer to the application chart to define the proper specification to be used based on the power of your saw. |

| CRACKS IN SEGMENT | |
|---|---|
| Blade is too hard for material being cut. | Use blade with softer bond. |

# TECHNICAL SUPPORT: PRODUCT ADVICE

## THE DIFFERENT SEGMENT SHAPES



### SEGMENTED

The gullets (space between the segments) help to extract cutting dust and cool the blade. They also offer the blade a little flexibility to prevent cracks developing when used in demanding conditions. Ideal for concrete, reinforced concrete, asphalt and all building materials.



### FLAT CONTINUOUS RIM

Continuous rim blades are required for a good quality finish. The flat continuous surface means there are no shocks against the material that could create chips in the workpiece. This type of blade is particularly suitable for tiles that need a perfect finish.



### TURBO CORRUGATED CONTINUOUS RIM

When the material is extremely hard a more aggressive cut is needed, so a corrugated continuous rim is the best fit.
This design gives small shocks to the workpiece when tackling the hardest tiles and building materials. Suitable for ceramic and porcelain tiles, granite, roof tiles and other hard materials.

## TILE SAW ADVICE

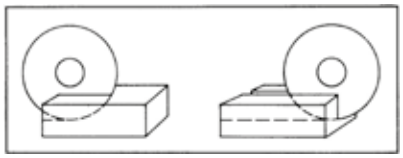
NEVER FORCE CUTTING AND ALLOW THE BLADE AND THE MOTOR TORQUE OF THE MACHINE TO DO THE WORK

- Make sure the water pump is properly immersed before use.
- Clean the water pump and the water tray right after use to avoid the formation of a solid deposit, to work in full safety and increase the lifespan of the machine.
- On tile saws, make sure that the dividing knife (blade guard support) is properly aligned with the diamond blade to avoid the blocking and the break-in of the tiles.
- Always slow down the infeed speed at the end of the cut to avoid breaking the tile and to obtain a satisfactory quality of cut.




For optimum results, we recommend that you equip your Norton Clipper machines with Norton Clipper diamond blades, designed specially for wet cutting of tiles.

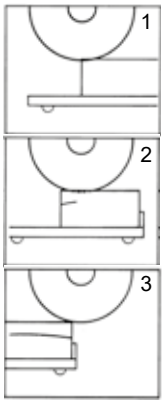
## MASONRY SAW CUTTING METHODS



### FULL DEPTH OR FIXED CUTTING

In full depth or fixed cutting, the cutting head is locked in a fixed position and the material is pushed into it as shown.

This technique usually provides greater efficiency than merely holding the head down.
It works well with wet diamond blades cutting some soft materials. It is less efficient overall than the "Step Cutting" method for most materials, especially when using abrasive blades.




### MULTIPLE STEP CUTTING

Multiple step cutting consists of moving the conveyor cart with the material to be cut backwards and forwards under the rotating blade.

- Place the material to be cut on the conveyor cart firmly against the cutting guide and the backstop, keeping hands well away from the blade.

- Start the machine.
- Move conveyor cart forward near the blade and pull down the cutting head until blade is lowered to a point where it will lightly contact the surface of the material.
- Pass the material beneath with rapid full length strokes, taking a shallow cut (approximately 3mm deep as shown on the picture) on the forward stroke. On the backward stroke, lift the blade just clear over the cutting line.
- Complete each rapid stroke backward and forward by passing the material beyond the centre of the blade before starting the reverse movement of the conveyor cart.



*Clipper's Tip*

NOTE: The harder the material, the more rapid the forward and backward strokes should be. Step cutting lessens the area of the blade circumference in contact with the material, keeping the blade cool, running free and cutting at peak efficiency.

- Be sure the water pump is plugged into the connection on the masonry saw motor. Make sure the water pump is on before starting a wet-cutting operation.
- Handle on petcock should be turned in line with the water flow. Start motor and be certain that both sides of the blade are getting an adequate flow of water.
- At all times make sure that the water level covers the screen on the bottom of the pump. Do not let sludge and dirt get deep enough in the pan to block the pump inlet.
- Clean the water-tray and the pump after use.
- Adapt the infeed speed applied on the diamond blade and the depth of cut to prevent over-heating and failure of the motor.

# FLOOR SAW ADVICE

## BLADE SELECTION AND MOUNTING




Make sure that the diamond blade specification is selected according to the material to cut and to the power of the machine. Before mounting any blade on the saw, the blade should be inspected for any damage that might have occurred during shipment, handling or previous use.

The blade must be properly fitted over shaft and drive pin.
Drive pin must project through hole in blade and into collar.
Do not force the blade onto shaft.
The blade guard must always be in place when the saw is running.
Always use a proper size blade guard for the size blade being used. The operator should wear safety glasses and appropriate safety equipment at all times.

## MACHINE MAINTENANCE AND SAFETY PRECAUTIONS

| Total Daily Exposure (C) | < 2,5m/s² | 2,5m/s² < DE < 5m/s² | > 5m/s² |
|---|---|---|---|
| Status | No action needed (D) | Employer must take actions to reduce or eliminate HAV | Employee must not work anymore |

The EU Directive 2002/44/EC (the 'Vibration Directive') places responsibilities on employers to ensure that risks from hand-arm vibration are eliminated or reduced to a minimum. It also sets maximum limits to the daily exposure to hand-arm vibrations.

Each time you use brand new belts, check and set tension after 1 hour utilisation : poor tension setting is the main cause for early wear out of belts. Check the air-filter regularly to preserve the life and performance of the engine.

Adequate coolant must be used when sawing with wet cutting diamond blades. An adequate coolant supply is required for wet cutting blades to maintain blade life and cutting efficiency.
If for any reason the blade stalls in the cut, raise the blade out of the cut and check the outside blade shaft collar and nut for tightness before restarting the engine. Inspect the blade for damage. Use care when resuming a cut. Make certain that the blade is in alignment with the previous cut.
Never leave a floor saw unattended while its engine is running. Always secure the saw from rolling when not in use.
Operate the engine at the proper RPM. Never alter RPM or governor setting. In case of an EMERGENCY:
"SHUT OFF ENGINE."

## CONCRETE OR ASPHALT CUTTING METHODS

During cutting, do not exert excessive side pressure on the handles as a method of steering. Do not force the blade into material by lowering the blade too quickly or by increasing the speed of the saw.



The larger diameter blades, 450mm and above, are systematically used in a step cutting method at cutting depths of 5cm to 8cm in short travel distances of 15 to 20min. This allows the blade to remain in a free cutting condition and can allow for up to 30% reduction of the total cutting time.

For the deepest cuts (> 20cm), it is recommended to make the first cutting-steps with a small diameter diamond blade (≤ 450mm), and then to use a larger diameter diamond blade only for last deepest steps.
This procedure preserves the lifespan of the most expensive blade.



## GREEN CONCRETE CUTTING METHODS

Green concrete is cut to control cracking in large concrete floors.

The initial cutting of the concrete is done within a 24 hour period at a depth of 1/3 to 1/4 of the total concrete thickness. Generally 300 and 350mm diameter blades are used with 3 or 4mm widths.

After the initial cut has been made, the joint may require additional widening for the backing rod and/or sealant. This requires a blade diameter of 300 or 350mm in widths up to 10mm. This operation requires sometimes 'Bevel' blades with triangular segments to generate a chamfer on the joint edges.

# DRILLING ADVICE

THE PERFORMANCE OF ANY DIAMOND CORE BIT DEPENDS HEAVILY ON THE USE OF PROPER DRILLING TECHNIQUES. ALTHOUGH DRILLING CONDITIONS AND MATERIALS MAY VARY, FOLLOWING SPECIFIC GUIDELINES & SAFETY PRECAUTIONS ENSURES SAFE, FASTER DRILLING SPEED AND LONGER BIT LIFE.



*Clipper's Tip*

IMPORTANT: Always wear proper safety equipment; wear safety glasses, safety footware, hearing and head protection, and respiratory equipment where required.

## CORE DRILLING TECHNIQUES

Drilling can be made with handheld or fixed equipment.

Handheld drilling has the advantage to require less preparation and is a faster operation, but is recommended for drilling diameters up to 150mm only. Handheld motors safety clutch are designed to protect the end-user against hand-arm injuries and are thus fitted to much less torques than for a fixed drilling operation.

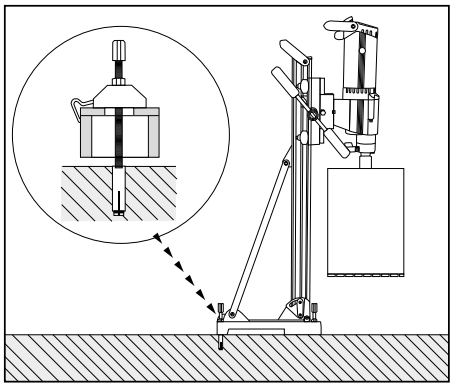
Fixed drilling requires more preparation work to fasten properly the equipment, but then allows much larger drilling diameters with non-limited torques.

You can consult our product selection charts to choose the best tool for each of your requirements.

# DRILL RIG FASTENING

Secure the core drill to the work surface so that there is no movement in the drill that would allow the bit to bind in the hole. There are three main fixing methods:

### DOWEL FIXING



- Measure and mark clearly both the drilling location and drill rig fastening hole.
- Select the right type of dowel adapted to the material to drill.
- Use dowel installation tool with a hammer to ensure the dowel is perfectly tighten into the material.
- Position the drill rig over the drilling location, using the laser pointer.
- Tight and adjust the drill rig using the 3 adjusting screws and the spirit-level.

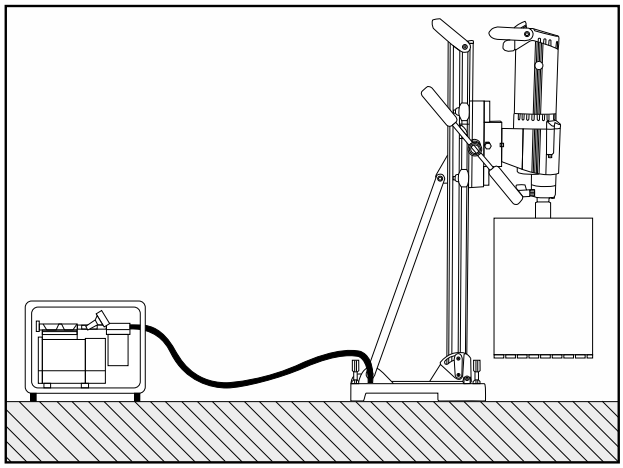
### VACUUM FIXING

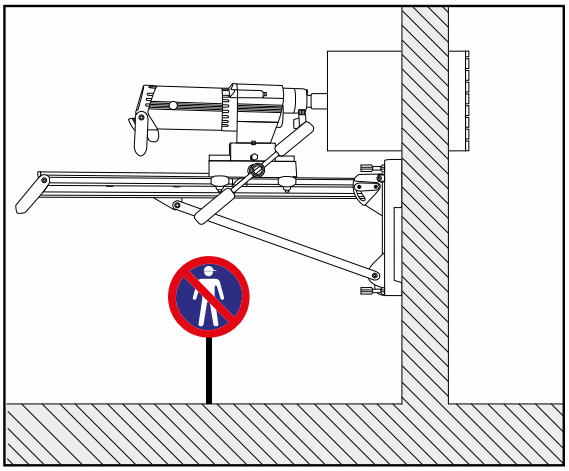


*Clipper's Tip*

CAUTION: Vacuum fixing requires a solid and flat surface to ensure the best safety for the operators. Make sure the surface won't break or detached under the weight of the drilling equipment.

- Measure and mark clearly the drilling location.
- Position the vacuum base and plug it to the vacuum pump. Ensure the vacuum purge tap is closed.
- If required, add some weight or pressure above the vacuum base to help generating the vacuum.
- Fix the threaded rod to the vacuum base and position the drill rig over the drilling location, using the laser pointer.
- Tight and adjust the drill rig using the 3 adjusting screws and the spirit-level.



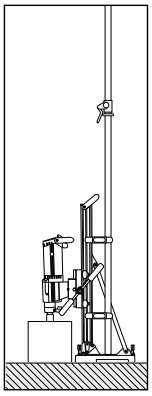


### BRACE FIXING



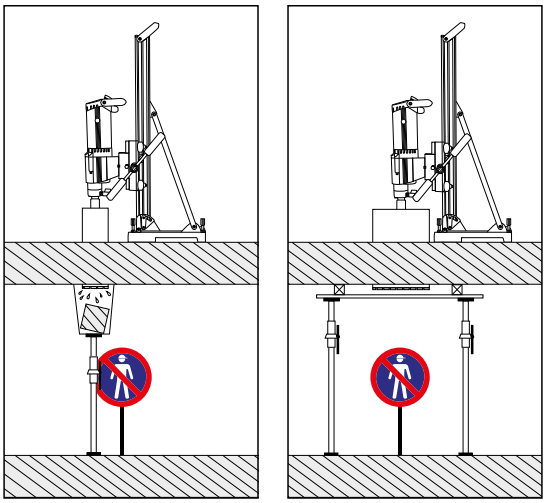
*Clipper's Tip*

CAUTION: brace fixing requires a solid surface on both ends of the brace to ensure the best safety for the operators. Make sure the surface won't break or detach under the strength of the brace tightening.



- Measure and mark clearly the drilling location.
- Position the drill rig and fix it with the brace. You can position the telescopic brace either on the top of the column or directly on the drilling base.
- Tight and adjust the drill rig using the 3 adjusting screws and the spirit-level.

## CORE DRILLING OPERATION



- Mount the drilling motor on the rig.
- Use a quick-release ring between the motor and core bit to prevent blockage after work.
- Set the proper rotation speed depending on the drilling diameter.
- Plug to water supply and set a sufficient supply of water to ensure that hole will be constantly flushed of abrasive slurrys.
- Plug the three-pronged plug (PRCD) on the power cord of the motor into a grounded electrical outlet of the appropriate voltage.
- Slowly lower the bit into the cut so that there is no skidding or lateral movement of the core bit. The entire circumference of the core bit should penetrate the drilling surface before additional pressure is applied to the handle.
- Exert steady downward pressure onto the core bit whilst drilling. Do not force the core bit into the material.
- Do not stop the flow of water or the rotation of the core bit as long as the core bit is in the hole. If the drilling rate decreases noticeably, check the core bit. The slower penetration rate generally means that the core bit is dull and needs to be reconditioned.

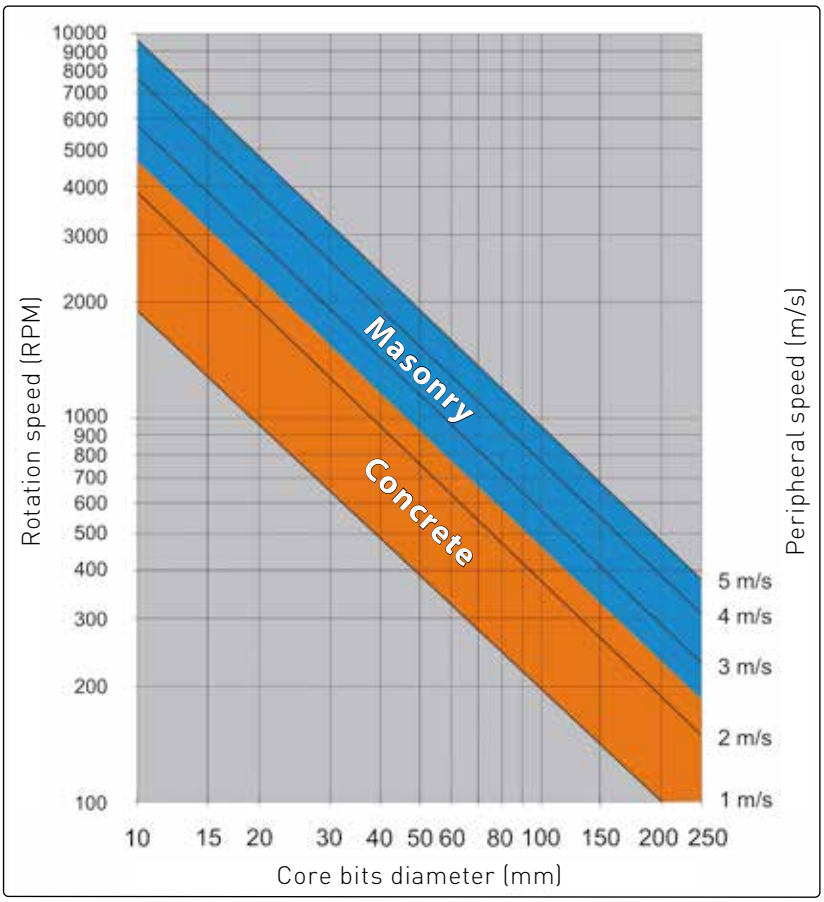
In most cases, core drilling requires the use of water. Properly ground the core drill, as the use of any electrical tools in wet areas can be hazardous.

The core drill must be securely fastened to the intended work surface (wall, deck, etc.), using anchor bolts, vacuum pad or jack screw.

Use extreme caution when drilling through floors. Check for electrical conduit.

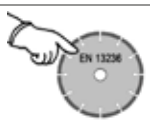
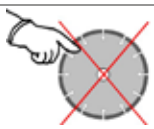
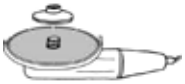
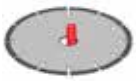
Provide protection for all personnel and materials below the areas being drilled.

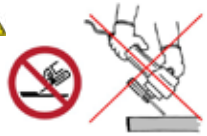
## OPTIMAL RPM FOR DIAMOND CORE BITS



# DIAMOND TOOLS SAFETY RECOMMENDATIONS

## DIAMOND BLADE DO'S & DON'TS

| | DO'S | DON'TS |
|---|---|---|
| 1 |  Ensure the saw bears the mark EN 13236 |  Do not use a saw without EN 13236 mark |
| 2 |  Always read the safety instructions |  Don't throw away the instructions before reading |
| 3 |  Examine the saw for damage |  Never use damaged saws |
| 4 |  Align flanges correctly  Observe direction of run |  Flanges incorrectly aligned  Incorrect bore size - No direction of run |
| 5 |  Ensure the guard is fitted |  Never remove the guard |

| | DO'S | DON'TS |
|---|---|---|
| 6 |  Ensure workpiece is secure |  Never cut an unstable workpiece |
| 7 |  Use protective equipment |  Never cut without protective equipment |
| 8 |  Only use for cutting off |  Do not grind with a diamond saw |
| 9 |  Always straight cutting |  Never twist in the cut |
| 10 |  Let the saw cut freely |  Never force the cut |

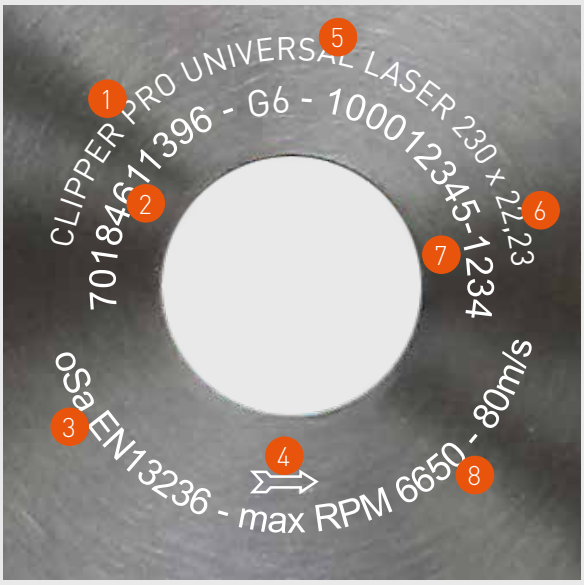
## BLADE MARKING SYSTEMS

1. Product Name
2. Wet or Dry cutting
3. Laser Welding Logo
4. European Standards
5. Material Pictograms
6. Quality tier rating
7. Diameter and Bore (hole) size
8. EAN 13 Code
9. Machine Pictogram
10. Saftey and Restrictions of Use



## BLADE MARKING SYSTEMS

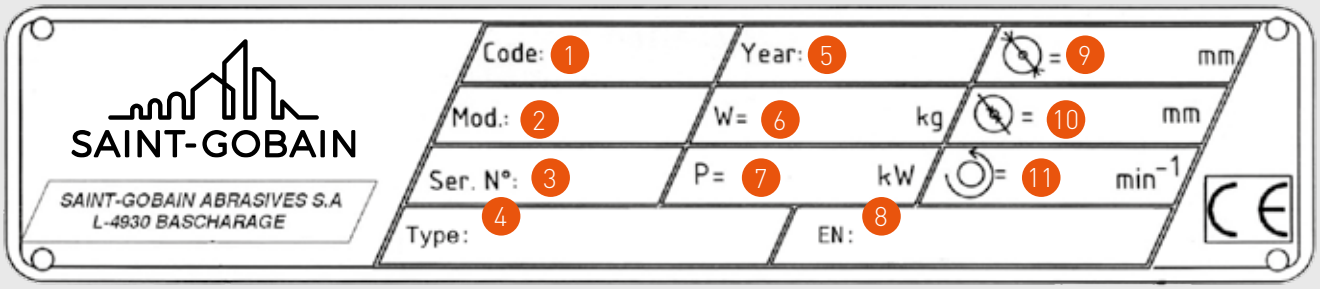
1. Manufacturer's Name
2. Article Number
3. Application Safety Standard
4. Direction of Rotation
5. Specification
6. Diameter and Bore
7. Manufacturer's production code required for traceability
8. Maximum operating speed in RPM and m/s




## SAFETY & INFORMATION PICTOGRAMS :




## MACHINE MARKING




1. Machine Code
2. Machine Model
3. Serial Number
4. Machine Type
5. Year of Production
6. Weight
7. Power
8. Safety Standard
9. Blade Speed
10. Bore Diameter
11. Max. Blade Diameter

# CUTTING DISCS & GRINDING WHEELS ADVICE

## SHAPE SPECIFICATION SYSTEM

BF 27



Depressed centre grinding wheels. Available in diameters 76-230mm for hand-held machines

Application: grinding

BF 29



Depressed centre grinding wheels. Available in diameters 115mm & 125mm for hand-held machines

Application: grinding

BF 41



Flat cutting discs. Available in diameters 40-400mm for hand-held machines & 250-400mm for stationery machines

Application: cutting-off

BF 42



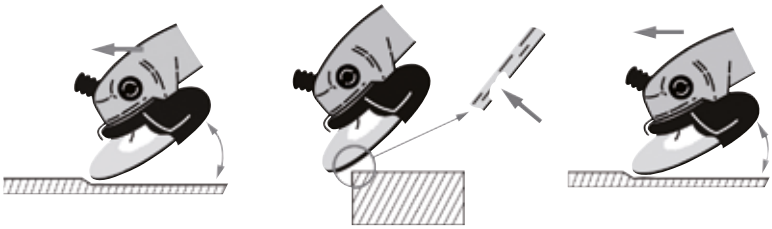
Depressed centre cutting discs. Available in diameters 76-230mm for hand-held machines

Application: cutting-off

## PORTABLE GRINDERS

### GRINDING ROUGH WORK

- Do not use a cutting disc for snagging.
- Do not work with the side of a wheel, you will cut the reinforcing cloths.
- Work at an angle of 10 to 30° with a longitudinal action.



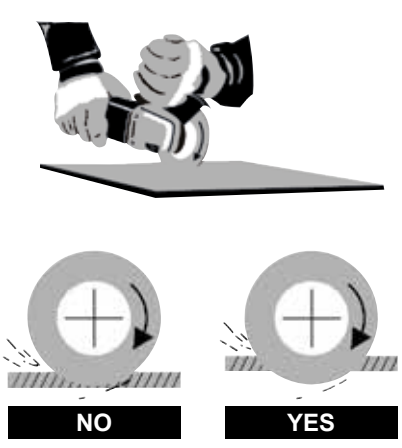
### GRINDING FINISHING WORK

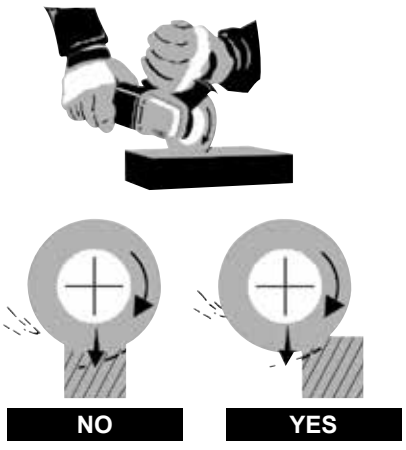
- Angle of work 15°.
- Rotary action.

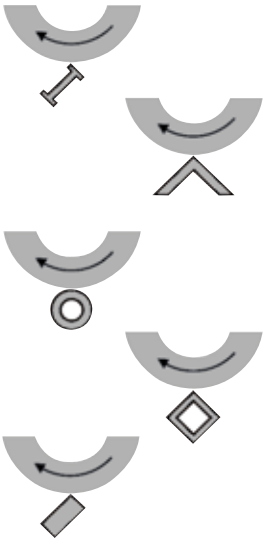



### CUTTING-OFF

- Arrange the workpiece so that a uniform section can be cut.



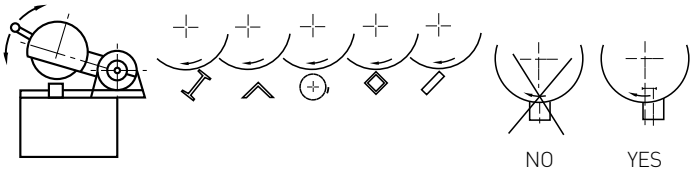



# FIXED MACHINE

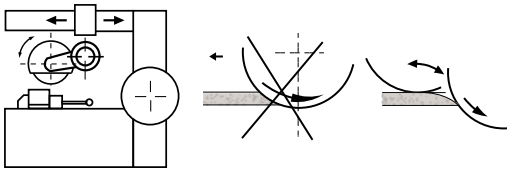
## DOWNSTROKE HEADS

- Lay out the shape parts in order to have a constant section.
- Avoid any wedging of the grinding wheel.
- Make sure the wheel is cleared.

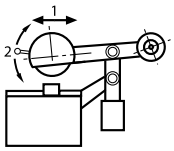



## AUTOMATIC FEED

- In the case of thick parts, use the reciprocating motion of the carriage.



## OSCILLATING HEADS




OPERATING MODE

1 – Oscillating

2 – Cutting-off

- Do not use this type of machine with a downstroke action.



# NOTES

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