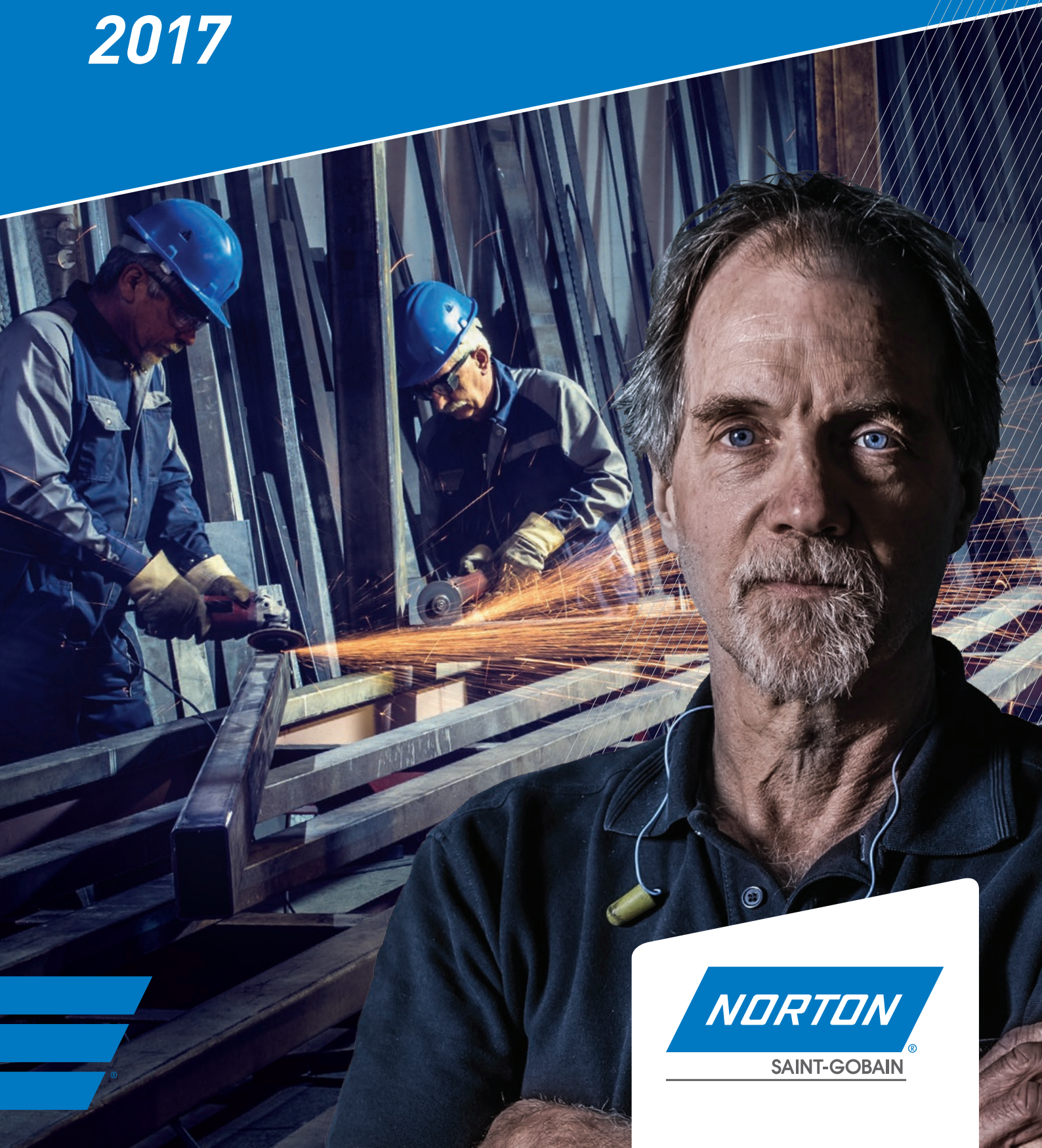


ABRASIVE SOLUTIONS

# INDUSTRIAL APPLICATIONS

## 2017



**NORTON**

SAINT-GOBAIN®

# 37-68 CUTTING-OFF & GRINDING WHEELS



CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
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62 Wheels for Chop Saws

63 Wheels for Rail

65 Wheels for Stationary  
Machines

# INTRODUCTION

The Norton range of Cutting-off and Grinding Wheels for portable and fixed machines provide superior performance in the most stringent working environment. The product range includes state-of-the-art solutions for Cutting-off, Grinding, and Surface Finishing operations on any materials related to industrial fabrication markets. Norton, the industry's most comprehensive Cutting-off and Grinding product line.

## UNDERSTANDING THE PRODUCT

- 1 Best quality tier
- 2 Application material
- 3 Diameter x Thickness x Hole
- 4 Product specification
- 5 Maximum peripheral speed
- 6 Machine cutting or grinding
- 7 Product code
- 8 OSA certification
- 9 European standard



## SHAPE SPECIFICATION SYSTEM

All Norton products are designed to be operator friendly with high safety standards to satisfy the requirements of all professional users.

For further information please go to the Technical Information Section at the back of this catalogue.

| BF 27                                                   | BF 29                                                          | BF 41                                                                                         | BF 42                                                   |
|---------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------|
|                                                         |                                                                |                                                                                               |                                                         |
| DEPRESSED CENTRE GRINDING WHEELS                        | DEPRESSED CENTRE GRINDING WHEELS                               | FLAT CUTTING-OFF WHEELS                                                                       | DEPRESSED CENTRE CUTTING-OFF WHEELS                     |
| Available in diameters 76-230mm for hand-held machines. | Available in diameters 115mm and 125mm for hand-held machines. | Available in diameters 50-400mm for hand-held machines and 250-400mm for stationery machines. | Available in diameters 76-230mm for hand-held machines. |
| Application: Grinding                                   | Application: Grinding                                          | Application: Cutting-off                                                                      | Application: Cutting-off                                |

## DIFFERENTIATION IN THE RANGE

Norton offers the industry's widest selection of cutting-off and grinding wheels designed to meet every customer's requirement. The range is classified into 3 tiers (Best/ Better/ Good) to help you choose the right product for your specific application.

**BEST +++++**  
INNOVATION

With unparalleled abrasive technology, Norton Quantum 3 and Norton Quantum provides optimum solutions with innovative products dedicated to industrial applications. Norton Quantum 3 wheels deliver an extremely comfortable and efficient grinding solution for all demanding metal fabrication applications. They maintain a consistently high stock removal, even on hard alloy steels, maximizing product throughput without the need for high pressure.

**BEST +++++**

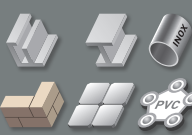
Norton offers premium quality product ranges of aluminium oxide (Omega) abrasive Cutting-off & grinding wheels. These ranges have been developed to meet the demands of the most discerning users. Norton Omega ensures outstanding cutting speed and stock removal rates combined with exceptional long life meaning lower abrasive costs.

**BETTER ++++**

Norton Vulcan and Norzon cutting-off and grinding wheels are extensively used across a range of industries including aerospace, automotive, foundry, fabrication, ship-building and construction. Norton Vulcan and Norzon set an industrial performance standard amongst conventional aluminum oxide grain technologies. They provide optimum performance to price ratio throughout all steel, stainless steel, aluminum and stone applications.

**GOOD +++**

Norton Starline gives above average performance for cutting-off and grinding operations on a wide range of materials, including steel, stainless steel, cast iron and stone.

|                                                                                                                                 | BEST<br>INNOVATION                              | BEST                       | BETTER                                   | GOOD     |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------|------------------------------------------|----------|
|  METAL                                       | NORTON<br>QUANTUM 3,<br>NORTON QUANTUM          | 1-2-3, OMEGA,<br>BLUE FIRE | OIL & GAS,<br>VULCAN                     | STARLINE |
|  INOX                                        | NORTON<br>QUANTUM 3,<br>NORTON QUANTUM          | 1-2-3, OMEGA,<br>BLUE FIRE | OIL & GAS,<br>VULCAN                     |          |
|  METAL<br>INOX                               | ACCU,<br>NORTON<br>QUANTUM 3,<br>NORTON QUANTUM | 1-2-3, OMEGA,<br>BLUE FIRE | OIL & GAS,<br>NORZON, VULCAN,<br>OCTOPUS | STARLINE |
|  ALU, METAL,<br>INOX, STONE,<br>C TILES, PVC | ACCU                                            |                            | MULTI-PURPOSE                            |          |
|  ALU                                         |                                                 |                            | NORLINE                                  |          |
|  STONE                                       |                                                 |                            | VULCAN                                   | STARLINE |
|  STONE TILES                                 |                                                 |                            | MULTI-PURPOSE                            |          |
|  RAIL/METAL                                  |                                                 |                            | RAIL                                     |          |
|  CAST IRON<br>METAL INOX                     | NORTON<br>QUANTUM                               |                            | NORZON,<br>FOUNDRY X                     |          |
|  CAST IRON<br>METAL                          | NORTON<br>QUANTUM                               |                            | VULCAN, NORZON                           |          |

# INTRODUCTION



## PRODUCT SELECTION - CUTTING-OFF WHEELS FOR ANGLE AND STRAIGHT GRINDERS

| Usage Key<br>● Highly recommended<br>○ Recommended | ACCU       | NORTON QUANTUM<br>ULTIMATE TECHNOLOGY | OMEGA | 1-2-3 THE ALL IN ONE SOLUTION | BLUE FIRE | OIL & GAS | NORZON QUICK CUT | NORZON FOUNDRY | MULTI-PURPOSE | NORTON ALU | VULCAN (Metal-Inox) | VULCAN (Inox) | RAIL   | VULCAN (Stone) | STARLINE (Metal-Inox) | STARLINE (Stone) |
|----------------------------------------------------|------------|---------------------------------------|-------|-------------------------------|-----------|-----------|------------------|----------------|---------------|------------|---------------------|---------------|--------|----------------|-----------------------|------------------|
|                                                    | BEST       | BEST                                  | BEST  | BETTER                        | BETTER    | BETTER    | BETTER           | BETTER         | BETTER        | BETTER     | BETTER              | BETTER        | BETTER | BETTER         | GOOD                  | GOOD             |
|                                                    | INNOVATION |                                       |       |                               |           |           |                  |                |               |            |                     |               |        |                |                       |                  |
| Steel, construction steel                          | ●          | ●                                     | ●     | ●                             | ●         | ●         | ●                | ●              | ●             | ○          | ●                   | ○             |        |                | ●                     |                  |
| Low-alloy steel                                    | ●          | ●                                     | ●     | ●                             | ●         | ●         | ●                | ●              | ●             | ○          | ●                   | ○             |        |                | ●                     |                  |
| High-alloy steel                                   | ●          | ●                                     | ●     | ●                             | ○         | ○         | ●                | ●              | ●             | ○          | ○                   | ●             |        |                | ○                     |                  |
| Thin sheets, plates profiles                       | ●          | ●                                     | ●     | ●                             | ●         | ○         | ●                | ●              | ●             | ●          | ●                   | ●             |        |                | ●                     |                  |
| Stainless steel, Inox                              | ●          | ●                                     | ●     | ●                             | ●         | ○         | ●                | ●              | ●             | ○          | ●                   | ●             |        |                | ○                     |                  |
| Cast iron                                          |            | ●                                     | ●     |                               |           | ●         | ○                | ●              |               |            |                     |               |        | ○              |                       | ○                |
| Non-ferrous                                        |            |                                       |       |                               |           |           |                  |                | ●             | ●          |                     |               | ●      | ○              |                       | ○                |
| Titanium                                           |            |                                       |       |                               |           |           |                  |                | ●             | ●          |                     |               | ●      | ●              |                       | ●                |
| Stone, concrete                                    | ●          |                                       |       |                               |           |           |                  |                | ●             |            |                     |               |        | ●              |                       | ●                |
| Tiles, ceramic                                     | ●          |                                       |       |                               |           |           |                  |                | ●             |            |                     |               |        |                |                       |                  |
| Glass, plastic, pvc                                | ●          |                                       |       |                               |           |           |                  |                | ●             |            |                     |               |        |                |                       |                  |



## PRODUCT SELECTION - GRINDING WHEELS FOR ANGLE GRINDERS

| Usage Key<br>● Highly recommended<br>○ Recommended | ACCU       | NORTON QUANTUM 3 | OMEGA | 1-2-3 THE ALL IN ONE SOLUTION | BLUE FIRE | OIL & GAS | NORZON QUICK CUT | NORZON FOUNDRY | FOUNDRY X | OCTOPUS | NORTON ALU | VULCAN WITH NORZON TECHNOLOGY | VULCAN (Metal-Inox) | VULCAN FAST CUT (Metal-Inox) | VULCAN (Inox) | RAIL | VULCAN (Stone) | STARLINE (Metal-Inox) | STARLINE (Stone) |
|----------------------------------------------------|------------|------------------|-------|-------------------------------|-----------|-----------|------------------|----------------|-----------|---------|------------|-------------------------------|---------------------|------------------------------|---------------|------|----------------|-----------------------|------------------|
|                                                    | BEST       |                  |       |                               |           |           |                  |                |           |         |            |                               |                     |                              |               |      |                |                       |                  |
|                                                    | INNOVATION |                  | BEST  |                               |           |           |                  |                |           |         |            |                               |                     |                              |               |      |                |                       | GOOD             |
| Steel, construction steel                          | ●          | ●                | ●     | ●                             | ●         | ●         | ●                | ●              | ●         | ●       | ○          | ●                             | ●                   | ●                            | ○             | ●    |                | ●                     |                  |
| Low-alloy steel                                    | ●          | ●                | ●     | ●                             | ●         | ●         | ●                | ●              | ○         | ●       | ○          | ●                             | ●                   | ●                            | ○             | ○    |                | ●                     |                  |
| High-alloy steel                                   | ●          | ●                | ○     | ●                             | ○         | ○         | ●                | ●              | ●         | ●       | ○          | ●                             | ○                   | ○                            | ●             | ○    |                | ●                     |                  |
| Stainless steel, Inox                              | ●          | ●                | ○     | ●                             | ○         | ○         | ●                | ●              |           | ●       | ○          |                               | ○                   | ○                            | ●             |      |                | ○                     |                  |
| Cast iron                                          |            | ●                | ●     |                               |           | ●         | ○                | ●              | ●         |         | ○          | ●                             |                     | ○                            |               |      | ○              |                       | ○                |
| Non-ferrous                                        | ○          |                  |       |                               |           |           |                  |                |           |         | ●          |                               |                     |                              |               |      |                |                       |                  |
| Titanium                                           |            |                  |       |                               |           |           |                  |                |           |         | ●          |                               |                     |                              |               |      | ●              |                       | ●                |
| Stone, concrete                                    | ●          |                  |       |                               |           |           |                  |                |           |         |            |                               |                     |                              |               |      | ●              |                       | ●                |

# WHEELS FOR ANGLE GRINDERS

NORTON offers the widest range of wheels for cutting and grinding designed to meet all requirements of industrial customers.

## APPLICATIONS & MARKETS

- Aerospace
- Automotive
- Construction
- Fabrication
- Foundry
- Rail industry
- Ship-building



## ACCU

BEST +++++

INNOVATION

Norton Accu cutting-off & grinding wheels have been developed to give minimal resistance when in use and its free cutting feature absorbs less energy from the battery. It also features a special bond and grain which gives improved user comfort and longer wheel life.

### FEATURES

- Quick, straight cuts with 1,0 thickness
- Cutting, light grinding and polishing with Accu 1-2-3
- Aggressive grain leads to less energy absorption from the battery
- Optimized for cordless grinders
- Optimized for machines of 900W or less

### BENEFITS

- Maximum performance with minimum power
- Enable to work in difficult working areas like work at heights
- Low vibration and comfortable work
- No contamination of stainless steel
- Maximum safety



TYPE 41



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 41   | 115      | 1,0x22,23 | A 60 R        | 5      | 66252843020 |
|      | 125      | 1,0x22,23 | A 60 R        | 5      | 66252843019 |

Delivery unit 20 sets



TYPE 27



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 27   | 115      | 2,2x22,23 | C46P          | 2      | 66252843018 |
|      | 125      | 2,2x22,23 | C46P          | 2      | 66252842832 |

Delivery unit 20 sets

## NORTON QUANTUM ULTIMATE TECHNOLOGY



TYPE 41



Norton Quantum ultra thin cut-off wheels for stainless, alloy and carbon steels provide unrivalled wheel life, highest metal removal rates and fastest cutting action.

### FEATURES

- Premium aggressive NorZon Heavy Duty grain
- Revolutionary Patent Pending Bond Technology

### BENEFITS

- No other wheel lasts longer
- Lowest total abrasive costs
- High metal removal rate
- Fast cutting
- High stability & low vibration
- Less material loss
- Less noise & dust
- Less energy consumption
- Burr-free cutting
- White and clean cutting
- Extreme precision and straight cutting



VIDEO LINK

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 41   | 115      | 1,0x22,23 | ZA 60 ZZ      | 25     | 66252836338 |
|      |          | 1,3x22,23 | ZA 60 ZZ      | 25     | 66252836897 |
|      |          | 1,6x22,23 | ZA 46 ZZ      | 25     | 66252836339 |
|      | 125      | 1,0x22,23 | ZA 60 ZZ      | 25     | 66252836340 |
|      |          | 1,3x22,23 | ZA 60 ZZ      | 25     | 66252836898 |
|      |          | 1,6x22,23 | ZA 46 ZZ      | 25     | 66252836341 |
|      |          | 2,0x22,23 | ZA 46 ZZ      | 25     | 66252843896 |
|      | 180      | 1,6x22,23 | ZA 46 ZZ      | 25     | 66252837989 |
| 42   | 230      | 1,9x22,23 | ZA 46 ZZ      | 25     | 66252837990 |
|      | 115      | 0,8x22,23 | ZA 60 ZZ      | 25     | 66252840228 |
|      | 125      | 0,8x22,23 | ZA 60 ZZ      | 25     | 66252838243 |

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
EQUIPMENT

TECHNICAL  
INFORMATION

## NORTON QUANTUM 3

Norton Quantum 3 Grinding Wheels are **MADE TO BITE**

Norton Quantum 3 grinding wheels have been specifically developed by Saint-Gobain Abrasive's R&D team to address the needs of the construction and welding industries for more aggressive, faster and more comfortable grinding wheels. Made from proprietary ceramic grain technology and a newly engineered bond system enabling higher grain retention for longer life and a reduction in grinding temperature Norton Quantum 3 provides three key benefits for the end user:

1. Better operator comfort with reduced hand fatigue from less cutting vibration.
2. Less grinding time, a sharper wheel for high metal removal and reduced pressure from faster cutting action.
3. Less downtime and waste with longer wheel life using fewer wheels.

These benefits are key for weld removal, cleaning, bevelling and general grinding applications on black steel, duplex, high chrome alloys and hard alloys in the maintenance and repair, gas & off-shore, shipbuilding, metal fabrication and steel construction industries where Norton Quantum 3 can help to reduce overall process time and cost.



TYPE 27



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 27   | 115      | 7,0x22,23 | NQ 24 P       | 10     | 66253371361 |
|      | 125      | 7,0x22,23 | NQ 24 P       | 10     | 66253371362 |
|      | 150      | 7,0x22,23 | NQ 24 P       | 10     | 66253371363 |
|      | 180      | 7,0x22,23 | NQ 24 P       | 10     | 66253371364 |
|      | 230      | 7,0x22,23 | NQ 24 P       | 10     | 66253371365 |



TYPE 27



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 27   | 115      | 4,2x22,23 | NQ 24 R       | 20     | 66253371356 |
|      | 125      | 4,2x22,23 | NQ 24 R       | 20     | 66253371357 |
|      | 150      | 4,2x22,23 | NQ 24 R       | 20     | 66253371358 |
|      | 180      | 4,2x22,23 | NQ 24 R       | 20     | 66253371359 |
|      | 230      | 4,2x22,23 | NQ 24 R       | 20     | 66253371360 |

# OMEGA

**BEST +++++**

Norton Omega cutting-off and grinding wheels work faster and last longer than standard products, saving you time, money and increasing productivity. Premium, sharp aluminium oxide grain and superior bond system provide exceptional performance in even in the most demanding cutting and grinding applications on metal.

## FEATURES

- Premium, sharp aluminium oxide grain
- Superior bond system
- Iron, sulphur and chlorine free

## BENEFITS

- High material removal rates
- Higher G ratio than standard products
- Faster cutting action
- Longer lasting than standard products
- No contamination transferred to the work piece


**TYPE 41**


| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.       |
|------|----------|-----------|---------------|--------|---------------|
| 41   | 115      | 1,0x22,23 | A 60 W        | 25     | 66253370025*  |
|      |          | 1,6x22,23 | A 46 W        | 25     | 66253370026*  |
|      | 125      | 1,0x22,23 | A 60 W        | 25     | 66253370029*  |
|      |          | 1,6x22,23 | A 46 W        | 25     | 66253370030*  |
|      | 150      | 1,6x22,23 | A 46 W        | 25     | 66253370033** |
|      | 180      | 1,6x22,23 | A 46 W        | 25     | 66253370034** |
|      | 230      | 1,9x22,23 | A 36 W        | 25     | 66253370036** |

\* +30% performance upgrade

\*\* +30% performance upgrade. These wheels will be available from mid of 2017

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

 CUTTING-OFF  
& GRINDING  
WHEELS

 COATED  
ABRASIVES  
& BEARTEX

 BONDED  
ABRASIVES

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ABRASIVES

 DIAMOND  
TOOLS

 CLEANING,  
POLISHING  
& MASKING

 PERSONAL  
PROTECTION  
EQUIPMENT

 TECHNICAL  
INFORMATION



TYPE 41



TYPE 42



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.     |
|------|-------------|-------------|---------------|-----------|-------------|
| 41   | 115         | 2,0x22,23   | A 36 W        | 25        | 66253370027 |
|      |             | 2,5x22,23   | A 36 W        | 25        | 66253370028 |
|      | 125         | 2,0x22,23   | A 36 W        | 25        | 66253370031 |
|      |             | 2,5x22,23   | A 36 W        | 25        | 66253370032 |
|      | 180         | 2,0x22,23   | A 36 W        | 25        | 66253370035 |
|      |             | 2,5x22,23   | A 36 W        | 25        | 66253370037 |
| 42   | 115         | 2,5x22,23   | A 36 W        | 25        | 66253370040 |
|      | 125         | 2,5x22,23   | A 36 W        | 25        | 66253370041 |
|      | 180         | 2,5x22,23   | A 36 W        | 25        | 66253370043 |
|      | 230         | 2,5x22,23   | A 36 W        | 25        | 66253370044 |



TYPE 27



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.     |
|------|-------------|-------------|---------------|-----------|-------------|
| 27   | 115         | 7,0x22,23   | A 24 S        | 10        | 66253370045 |
|      | 125         | 7,0x22,23   | A 24 S        | 10        | 66253370046 |
|      | 150         | 7,0x22,23   | A 24 S        | 10        | 66253370047 |
|      | 180         | 7,0x22,23   | A 24 S        | 10        | 66253370048 |
|      | 230         | 7,0x22,23   | A 24 S        | 10        | 66253370050 |



TYPE 27



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.     |
|------|-------------|-------------|---------------|-----------|-------------|
| 27   | 125         | 4,0x22,23   | A 24 S        | 10        | 66253370042 |

## 1-2-3 THE ALL IN ONE SOLUTION



VIDEO LINK



Safe cutting, grinding and polishing with a single product.

### FEATURES

- Cutting, light grinding & polishing with one single product
- Fine grit
- Low vibration
- Three layered strong reinforcement
- Free of iron, sulphur & chlorine

### BENEFITS

- No more lost time due to machine or product changing
- Excellent & uniform finishing result
- Comfortable working
- Operator friendly
- Maximum safety
- No contamination

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 27   | 115      | 2,2x22,23 | A 46 S        | 25     | 66252829704 |
|      | 125      | 2,2x22,23 | A 46 S        | 25     | 66252921592 |

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

## BLUE FIRE

The Norton Blue Fire range of cutting-off and grinding wheels offers a choice of high quality metal working tools for all rough applications including: weld removal, surface preparation, metal removal, reshaping and cutting-off rusted and corroded materials. Norton Blue Fire is the choice of the professional and brings quick and comfortable results. The range is packed in small quantity packs that are re-closable.

### FEATURES

- High performance grains
- Newly developed high performance abrasive grain in combination with strong bond system
- Wide range of products

### BENEFITS

- Long life and comfortable working
- 50% + more cuts. Longer life, easier cutting and quicker working with minimum blueing, deburring or reworking
- Products for straight grinders as well as angle grinders in high performance quality level



TYPE 41



| TYPE | DIA (mm) | TxB (mm) | SPECIFICATION | PK QTY | ART NO.       |
|------|----------|----------|---------------|--------|---------------|
| 41   | 50       | 1,0x6,35 | A 60 T        | 50     | 66252842745** |
|      |          | 2,0x6,35 | A 60 T        | 50     | 66252842746   |
|      | 63       | 1,0x10   | A 60 T        | 50     | 66252828195** |
|      |          | 1,0x6,35 | A 60 T        | 50     | 66253371557** |
|      |          | 2,0x6,35 | A 60 T        | 25     | 66252828239   |
|      | 76       | 1,0x6,35 | A 60 T        | 50     | 66252828240** |
|      |          | 1,0x10   | A 60 T        | 50     | 66252844850** |
|      |          | 1,6x10   | A 60 T        | 50     | 66252828242** |
|      |          | 2,0x6,35 | A 60 T        | 25     | 66252828243   |
|      |          | 2,0x8,0  | A 60 T        | 25     | 66252828244   |
|      |          | 2,0x10   | A 60 T        | 25     | 66252828245   |
|      | 100      | 1,0x10   | A 60 T        | 50     | 66252828246   |
|      |          | 1,0x16   | A 60 T        | 50     | 66252828247** |

\*\* +50% performance upgrade



TYPE 41



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 41   | 115      | 1,0x22,23 | A 60 T        | 25     | 66252828255 |
|      | 125      | 1,0x22,23 | A 60 T        | 25     | 66252828256 |
|      |          | 1,6x22,23 | A 60 T        | 25     | 66252828257 |



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 41   | 115      | 1,0x22,23 | C 60 T        | 25     | 66252828253 |
|      | 125      | 1,0x22,23 | C 60 T        | 25     | 66252828254 |



| TYPE | DIA (mm) | TxB (mm) | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|----------|---------------|--------|-------------|
| 41   | 50       | 6,0x6,35 | A 24 R        | 10     | 66252828248 |
|      | 63       | 6,0x10   | A 24 R        | 10     | 66252828249 |
|      | 76       | 7,0x10   | A 24 R        | 10     | 66252828250 |



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 27   | 115      | 7,0x22,23 | A 24 R        | 10     | 66252828251 |
|      | 125      | 7,0x22,23 | A 24 R        | 10     | 66252828252 |

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore



#### SPEC CHECK

Thin wheels for use on drills, straight grinders, machines with flexible shaft and low revolutions pneumatic machines have to be used in combination with corresponding spindles.

| SAP number  | Description                  | Size |
|-------------|------------------------------|------|
| 07660739614 | Spindle for straight grinder | 6mm  |
| 07660739615 | Spindle for straight grinder | 10mm |
| 07660739616 | Spindle for straight grinder | 8mm  |

## OIL &amp; GAS



TYPE 27

TYPE 41



BETTER +++++

For the highest standards in safety and performance, the Norton Oil & Gas range is the perfect solution, offering high material removal, low vibration and maximum working comfort.

## FEATURES

- High performance durable grain
- Advanced bond system
- Heavy glass fiber reinforcement
- Highest metal removal on high alloys and special steels

## BENEFITS

- Longer product life even in extreme, high pressure applications
- Improved user comfort
- Supreme safety levels for use in the toughest conditions
- Specially selected product range for applications found in the Oil and Gas market



VIDEO LINK

| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.      |
|------|-------------|-------------|---------------|-----------|--------------|
| 27   | 115         | 7,0x22,23   | A 24 Q        | 25        | 66252844788* |
|      | 125         | 7,0x22,23   | A 24 Q        | 25        | 66252844789  |
|      | 180         | 7,0x22,23   | A 24 Q        | 25        | 66252844790  |
|      | 230         | 7,0x22,23   | A 24 Q        | 25        | 66252844791  |
| 41   | 115         | 1,0x22,23   | A 60 T        | 25        | 66252844792  |
|      |             | 1,6x22,23   | A 46 T        | 25        | 66252844793* |
|      | 125         | 1,0x22,23   | A 60 T        | 25        | 66252844794  |
|      |             | 1,6x22,23   | A 46 T        | 25        | 66252844795  |
|      |             | 2,5x22,23   | A 46 T        | 25        | 66252844910  |
|      | 180         | 1,6x22,23   | A 46 T        | 25        | 66252844796  |
|      |             | 2,5x22,23   | A 46 T        | 25        | 66252844911  |
|      | 230         | 1,9x22,23   | A 36 T        | 25        | 66252844797  |
|      |             | 2,5x22,23   | A 36 T        | 25        | 66252844912  |
|      | 27          | 125         | 4,0x22,23     | 25        | 66252844815  |
|      |             | 180         | 4,0x22,23     | 25        | 66252844835  |
|      |             | 230         | 4,0x22,23     | 25        | 66252844836* |

\* Made-to-order

## NORZON QUICK CUT

NorZon Quick Cut cutting and grinding wheels provide optimal performance on stainless steel and all hardened steel alloys. They are also suitable for cast iron applications. NorZon Quick Cut products deliver high value and high performance industrial solutions.

### FEATURES

- Premium combination of zirconia grain and advanced bond system
- Suitable for stainless steel, hardened steel and cast iron applications

### BENEFITS

- Superior performance compared to standard aluminum oxide wheels
- Highest productivity means lowest operating cost
- Easy & comfortable grinding
- Optimised for thick applications
- High stability for easy & comfortable cutting
- Fast material removal
- Optimised for universal applications
- Long product life
- No contamination

- Q-Soft
- R-Medium
- S-Hard
- Free of iron, sulphur & chlorine


 METAL  
INOX

TYPE 27



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|-----------|---------------|--------|--------------|
| 27   | 100      | 4,6x16,0  | ZA 24 S       | 25     | 66252833116  |
|      |          | 7,0x16,0  | ZA 24 S       | 25     | 66252831403* |
|      | 115      | 7,0x22,23 | ZA 24 S       | 25     | 66252831413  |
|      |          |           | ZA 24 R       | 25     | 66252831412  |
|      | 125      | 7,0x22,23 | ZA 30 Z       | 25     | 66252829673  |
|      |          |           | ZA 24 S       | 25     | 66252831422  |
|      |          |           | ZA 24 R       | 25     | 66252831421  |
|      |          |           | ZA 24 Q       | 25     | 66252832747  |
|      | 150      | 7,0x22,23 | ZA 24 S       | 25     | 66252832732* |
|      |          |           | ZA 24 R       | 25     | 66252833119* |
|      | 180      | 7,0x22,23 | ZA 30 Z       | 25     | 66252831429  |
|      |          |           | ZA 24 S       | 25     | 66252831434  |
|      |          |           | ZA 24 R       | 25     | 66252831433  |
|      |          |           | ZA 24 Q       | 25     | 66252832745* |
|      | 230      | 7,0x22,23 | ZA 30 Z       | 25     | 66252831438  |
|      |          |           | ZA 24 R       | 25     | 66252831446  |
|      |          |           | ZA 24 S       | 25     | 66252831447  |
|      |          |           | ZA 24 Q       | 25     | 66252832746  |

\* Made-to-order

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore



TYPE 41

TYPE 42



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.      |
|------|-------------|-------------|---------------|-----------|--------------|
| 41   | 115         | 1,0x22,23   | ZA 46 Z       | 25        | 66252829663  |
|      |             | 1,6x22,23   | ZA 46 T       | 25        | 66252829496  |
|      |             | 2,0x22,23   | ZA 36 Z       | 25        | 66252831458  |
|      | 125         | 1,0x22,23   | ZA 46 Z       | 25        | 66252832682  |
|      |             | 1,6x22,23   | ZA 46 T       | 25        | 66252829577  |
|      |             | 2,0x22,23   | ZA 36 Z       | 25        | 66252831463  |
|      |             | 2,5x22,23   | ZA 36 Z       | 25        | 66252833117  |
|      | 150         | 2,0x22,23   | ZA 36 Z       | 25        | 66252833118  |
|      | 180         | 1,6x22,23   | ZA 24 S       | 25        | 66252832870  |
|      |             | 2,0x22,23   | ZA 36 Z       | 25        | 66252831469  |
|      |             | 2,5x22,23   | ZA 36 Z       | 25        | 66252832734  |
|      | 230         | 1,9x22,23   | ZA 46 Z       | 25        | 66252832683  |
|      |             | 2,0x22,23   | ZA 36 Z       | 25        | 66252831478  |
|      |             | 2,5x22,23   | ZA 36 Z       | 25        | 66252831474  |
| 42   | 100         | 3,2x16,0    | ZA 24 S       | 25        | 66252831502* |
|      | 115         | 2,5x22,23   | ZA 36 Z       | 25        | 66252831506* |
|      |             | 3,2x22,23   | ZA 30 T       | 25        | 66252831510  |
|      | 125         | 2,5x22,23   | ZA 36 Z       | 25        | 66252831516  |
|      |             | 3,2x22,23   | ZA 30 T       | 25        | 66252831519  |
|      |             | 4,0x22,23   | ZA 30 T       | 25        | 66252832684  |
|      |             | 4,0x22,23   | ZA 30 R       | 25        | 66252950962  |
|      | 150         | 3,2x22,23   | ZA 30 T       | 25        | 66252832731  |
|      | 180         | 2,5x22,23   | ZA 36 Z       | 25        | 66252831524  |
|      |             | 3,2x22,23   | ZA 30 T       | 25        | 66252831527  |
|      |             | 4,0x22,23   | ZA 30 T       | 25        | 66252832871  |
|      | 230         | 2,5x22,23   | ZA 36 Z       | 25        | 66252831529  |
|      |             | 3,2x22,23   | ZA 30 T       | 25        | 66252831532  |
|      |             | 4,0x22,23   | ZA 30 R       | 25        | 66252950964  |

\* Made-to-order

## FOUNDRY X



Norton Foundry X grinding wheels have been designed to find the perfect balance between material removal and wheel life. The coarse grit and zirconia grains ensure a high metal removal rate. Foundry X grinding wheels have been designed for High Frequency grinders used in the professional market for rough applications in the toughest environment. Try them out now.

### FEATURES

- Optimized combination of course zirconia and aluminium oxide grains
- Extra reinforcement applied
- Specially developed soft bond system in the Foundry X Comfort
- High Zirconia percentage and hard bond for long life in the Foundry X Long Life

### BENEFITS

- Fit for high frequency grinders, the safest solution in demanding applications
- Maximum user comfort, easy to use and less fatigue
- High material removal, better through put, time saving and cost reduction
- Long life and highly effective, increased productivity

| TYPE    | DIA (mm) | TxB (mm)  | SPECIFICATION     | PK QTY | ART NO.      |
|---------|----------|-----------|-------------------|--------|--------------|
| 27 HF** | 180      | 7,0x22,23 | ZA 24 T Long Life | 10     | 66253371162  |
|         |          | 7,0x22,23 | ZA 20 R Comfort   | 10     | 66253370493* |
|         | 230      | 7,0x22,23 | ZA 24 T Long Life | 10     | 66253371175  |
|         |          | 7,0x22,23 | ZA 20 R Comfort   | 10     | 66252842546* |
| 27      | 125      | 7,0x22,23 | ZA 24 T Long Life | 10     | 66253371176  |

\* Made-to-order

\*\* Optimized for use on high power machines

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
EQUIPMENT

TECHNICAL  
INFORMATION

## NORZON FOUNDRY

The Norton Foundry depressed centre wheels feature a blend of aggressive Norzon and versatile aluminium oxide grain that provides a performance advantage on a wide range of ferrous and non-ferrous materials. Norton's advanced resin bond maximizes the cutting ability while maximizing wheel wear. The end result is a wheel that outlasts and outperforms competitive wheels while lowering the costs of cleaning castings.

### FEATURES

- Premium combination of zirconia grain and advanced bond system
- Q-Soft grade
- R-Medium grade
- S-Hard grade

### BENEFITS

- Superior performance compared to standard aluminum oxide wheels
- Highest productivity & lowest cost per cut
- Designed for steel, stainless steel, casts & white, grey & nodular cast iron applications
- For comfortable working
- Fast material removal
- Long wheel life



TYPE 42



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|-----------|---------------|--------|--------------|
| 42   | 115      | 3,2x22,23 | ZA 36 T       | 25     | 66252833137* |
|      |          | 3,2x22,23 | ZA 36 T       | 25     | 66252829555  |
|      | 125      | 4,6x22,23 | ZA 30 Z       | 25     | 66252833140  |
|      |          | 3,2x22,23 | ZA 30 T       | 25     | 66252833144* |
|      | 180      | 4,0x22,23 | ZA 30 T       | 25     | 66252833223  |
|      |          | 4,6x22,23 | ZA 30 Z       | 25     | 66252832716  |
|      |          | 3,2x22,23 | ZA 30 T       | 25     | 66252831531  |
|      | 230      | 4,0x22,23 | ZA 30 T       | 25     | 66252833147  |
|      |          | 4,6x22,23 | ZA 30 Z       | 25     | 66252833037  |

\* Made-to-order



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|-----------|---------------|--------|--------------|
| 27   | 115      | 7,0x22,23 | ZA 30 S       | 25     | 66252832712* |
|      |          |           | ZA 30 Z       | 25     | 66252832956  |
|      | 125      | 7,0x22,23 | ZA 30 S       | 25     | 66252829391  |
|      |          |           | ZA 30 S       | 25     | 66252833036  |
|      |          |           | ZA 30 Q       | 25     | 66252833224  |
|      | 150      | 7,0x22,23 | ZA 24 S       | 25     | 66252832724  |
|      |          |           | ZA 30 R       | 25     | 66252832723* |
|      | 180      | 7,0x22,23 | ZA 24 S       | 25     | 66252831435  |
|      |          |           | ZA 24 R       | 25     | 66252832717  |
|      |          |           | ZA 24 Q       | 25     | 66252832692  |
|      | 230      | 7,0x22,23 | ZA 24 S       | 25     | 66252831448  |
|      |          |           | ZA 24 R       | 25     | 66252829493  |
|      |          |           | ZA 30 Q       | 25     | 66252832693  |

\* Made-to-order

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore



CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
EQUIPMENT

TECHNICAL  
INFORMATION

## MULTI-PURPOSE



ALU METAL INOX  
STONE C.TILES PVC

TYPE 41



### FEATURES

- Cuts all materials
- Ultra thin
- Unique construction
- Low vibration
- Free of iron

### BENEFITS

- No more time loss due to machine or product changing
- Quicker cut with no contamination
- Less noise, dust & material loss
- Extremely precise straight cuts with burr-free results
- Reduced energy consumption
- Counteracts loading & wheelglazing when cutting non-ferrous or plastics

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 41   | 115      | 1,0x22,23 | C 60 T        | 25     | 66252833258 |
|      |          | 1,6x22,23 | C 46 T        | 25     | 66252828951 |
|      | 125      | 1,0x22,23 | C 60 T        | 25     | 66252918924 |
|      |          | 1,6x22,23 | C 46 T        | 25     | 66252828952 |
|      | 180      | 1,6x22,23 | C 46 T        | 25     | 66252926730 |
|      | 230      | 1,9x22,23 | C 46 T        | 25     | 66252918925 |

## ALU



Norton Aluminium sets an industrial performance standard amongst conventional aluminum oxide grain technologies. It provides optimum performance to price ratio throughout all aluminum applications.

### FEATURES

- Advanced grain & bond system
- Suitable for aluminium applications
- Unique grain & bond system optimised for non-ferrous

### BENEFITS

- Longer product life & faster material removal
- No more time loss due to machine or product changing
- Counteracts loading & wheelglazing when cutting non-ferrous
- Longer product life & quicker cutting

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 27   | 125      | 7,0x22,23 | A 36 Q        | 10     | 66252828228 |
|      | 180      | 7,0x22,23 | A 36 Q        | 10     | 66252828230 |
|      | 230      | 7,0x22,23 | A 36 Q        | 10     | 66252828232 |
| 41   | 115      | 1,0x22,23 | A 60 Q        | 25     | 66252828236 |
|      |          | 1,6x22,23 | A 46 Q        | 25     | 66252828233 |
|      | 125      | 1,0x22,23 | A 60 Q        | 25     | 66252828237 |
|      |          | 1,6x22,23 | A 46 Q        | 25     | 66252828234 |
|      |          | 2,5x22,23 | A 36 Q        | 25     | 66252828227 |
|      | 180      | 2,5x22,23 | A 36 Q        | 25     | 66252828229 |
|      | 230      | 1,9x22,23 | A 46 Q        | 25     | 66252828235 |
| 42   | 230      | 3,0x22,23 | A 36 Q        | 25     | 66252828231 |

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

## OCTOPUS



TYPE 29



## FEATURES

- Unique patterned face
- Visible surface
- Grinding & polishing with one product
- 2 grit sizes
- Low vibration
- No backing pad needed

## BENEFITS

- Prevents loading
- Cooler operation
- Complete vision of the grinding zone
- More effective as less rework needed
- No more lost time due to machine or product changing
- 36 grit for stock removal
- 60 grit for polishing

| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.     |
|------|-------------|-------------|---------------|-----------|-------------|
| 29   | 115         | 4,0x22,23   | A 36 T        | 20        | 66252829991 |
|      |             |             | A 60 T        | 20        | 66252829992 |
|      | 125         | 4,0x22,23   | A 36 T        | 20        | 66252829993 |
|      |             |             | A 60 T        | 20        | 66252829994 |

## VULCAN



TYPE 41



TYPE 42



## FEATURES

- For steel and stainless steel
- Free of iron, sulphur & chlorine
- Sharp aluminum oxide grains
- 80m/s

## BENEFITS

- No more lost time due to changing product or machine
- No stainless steel contamination
- Longer life and higher material removal
- High stability for straight cutting

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.       |
|------|----------|-----------|---------------|--------|---------------|
| 41   | 115      | 1,0x22,23 | A 60 S        | 25     | 66252925431** |
|      |          | 1,6x22,23 | A 46 S        | 25     | 66252925432** |
|      |          | 2,0x22,23 | A 30 S        | 25     | 66252925437** |
|      |          | 2,5x22,23 | A 30 S        | 25     | 66252925442** |
|      |          | 3,0x22,23 | A 30 S        | 25     | 66252925447** |
|      | 125      | 1,0x22,23 | A 60 S        | 25     | 66252925433** |
|      |          | 1,6x22,23 | A 46 S        | 25     | 66252925434** |
|      |          | 2,0x22,23 | A 30 S        | 25     | 66252925438** |
|      |          | 2,5x22,23 | A 30 S        | 25     | 66252925443** |
|      |          | 3,0x22,23 | A 30 S        | 25     | 66252925448** |
|      | 150      | 2,0x22,23 | A 30 S        | 25     | 66252925439** |
|      |          | 2,5x22,23 | A 30 S        | 25     | 66252925444** |
|      | 180      | 1,6x22,23 | A 46 S        | 25     | 66252925435** |
|      |          | 2,0x22,23 | A 30 S        | 25     | 66252925440** |
|      |          | 2,5x22,23 | A 30 S        | 25     | 66252925445** |
|      |          | 3,0x22,23 | A 30 R        | 25     | 66252840200** |
|      |          | 3,0x22,23 | A 30 S        | 25     | 66252925449** |
|      | 230      | 1,9x22,23 | A 46 S        | 25     | 66252925436** |
|      |          | 2,0x22,23 | A 30 S        | 25     | 66252925441** |
|      |          | 2,5x22,23 | A 30 S        | 25     | 66252925446** |
|      |          | 3,0x22,23 | A 30 R        | 25     | 66252840202** |
|      |          | 3,0x22,23 | A 30 S        | 25     | 66252925450** |
| 42   | 100      | 3,2x22,23 | A 30 S        | 25     | 66252835417** |
|      |          | 2,5x22,23 | A 30 S        | 25     | 66252925490** |
|      | 115      | 3,2x22,23 | A 30 S        | 25     | 66252925494** |
|      |          | 2,5x22,23 | A 30 S        | 25     | 66252925491** |
|      | 125      | 3,2x22,23 | A 30 S        | 25     | 66252925495** |
|      |          | 3,2x22,23 | A 30 S        | 25     | 66252925496** |
|      | 180      | 2,5x22,23 | A 30 S        | 25     | 66252925492** |
|      |          | 3,2x22,23 | A 30 S        | 25     | 66252925497** |
|      | 230      | 2,5x22,23 | A 30 S        | 25     | 66252925493** |
|      |          | 3,2x22,23 | A 30 S        | 25     | 66252925498** |

\* Made-to-order

\*\* +30% performance upgrade

Dimensions Key: DIA = Diameter, T = Thickness, B = Bore

CUTTING-OFF  
& GRINDING  
WHEELSCOATED  
ABRASIVES  
& BEARTEXBONDED  
ABRASIVESSUPER  
ABRASIVESDIAMOND  
TOOLSCLEANING,  
POLISHING  
& MASKINGPERSONAL  
PROTECTION  
EQUIPMENTTECHNICAL  
INFORMATION

## VULCAN



## FEATURES

- Designed to cut steel and stainless steel
- Free of iron, sulphur & chlorine
- Sharp aluminum oxide grains
- S-Hard grade

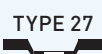
## BENEFITS

- No more lost time due to changing product or machine
- No stainless steel contamination
- Longer life and higher material removal

| TYPE | DIA (mm) | TxB (mm)   | SPECIFICATION | PK QTY | ART NO.       |
|------|----------|------------|---------------|--------|---------------|
| 27   | 100      | 6,4x16,0   | A 30 S        | 10     | 66252926667*  |
|      | 115      | 4,0x22,23  | A 30 S        | 10     | 66252925518*  |
|      |          | 6,4x22,23  | A 30 S        | 10     | 66252925522   |
|      | 125      | 4,0x22,23  | A 30 S        | 10     | 66252925519   |
|      |          | 6,4x22,23  | A 30 S        | 10     | 66252925523** |
|      |          | 8,0x22,23  | A 30 S        | 10     | 66252925524   |
|      | 150      | 6,4x22,23  | A 30 S        | 10     | 66252925525   |
|      | 180      | 10,0x22,23 | A 30 S        | 10     | 66252925528   |
|      |          | 4,0x22,23  | A 30 S        | 10     | 66252925520   |
|      |          | 6,4x22,23  | A 30 S        | 10     | 66252925526   |
|      | 230      | 8,0x22,23  | A 30 S        | 10     | 66252925527   |
|      |          | 10,0x22,23 | A 30 S        | 10     | 66252925531*  |
|      |          | 4,0x22,23  | A 30 S        | 10     | 66252925521   |
|      |          | 6,4x22,23  | A 30 S        | 10     | 66252925529   |
|      |          | 8,0x22,23  | A 30 S        | 10     | 66252925530   |

\* Made-to-order \*\* +30% performance upgrade

## VULCAN FAST CUT



## FEATURES

- Sharp aluminium oxide grains
- Specially designed to cut steel and stainless steel
- Free of iron, sulphur & chlorine
- P-Medium grade

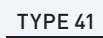
## BENEFITS

- Fast material removal
- Comfortable grinding
- No stainless steel contamination

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.       |
|------|----------|-----------|---------------|--------|---------------|
| 27   | 115      | 6,4x22,23 | A 30 P        | 10     | 66252830803   |
|      | 125      | 6,4x22,23 | A 30 P        | 10     | 66252830804** |
|      | 150      | 6,4x22,23 | A 30 P        | 10     | 66252831014*  |
|      | 180      | 6,4x22,23 | A 30 P        | 10     | 66252830805   |
|      |          | 8,0x22,23 | A 30 P        | 10     | 66252830806*  |
|      | 230      | 6,4x22,23 | A 30 P        | 10     | 66252830807   |

\* Made-to-order \*\* +30% performance upgrade

## VULCAN



### FEATURES

- Dedicated for stainless steel
- Free of iron, sulphur & chlorine
- Sharp aluminum oxide grains

### BENEFITS

- Fast and comfortable cutting and grinding
- No stainless steel contamination
- Longer life and higher material removal

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|-----------|---------------|--------|--------------|
| 27   | 115      | 6,4x22,23 | A 30 S Inox   | 10     | 66252925513  |
|      | 125      | 6,4x22,23 | A 30 S Inox   | 10     | 66252925514  |
|      | 150      | 6,4x22,23 | A 30 S Inox   | 10     | 66252925515* |
|      | 180      | 6,4x22,23 | A 30 S Inox   | 10     | 66252925516  |
|      | 230      | 6,4x22,23 | A 30 S Inox   | 10     | 66252925517  |
| 41   | 115      | 1,0x22,23 | A 60 T Inox   | 25     | 66252833400  |
|      |          | 1,6x22,23 | A 46 T Inox   | 25     | 66252833401  |
|      |          | 2,0x22,23 | A 30 S Inox   | 25     | 66252835281* |
|      |          | 2,5x22,23 | A 30 S Inox   | 25     | 66252833408* |
|      | 125      | 1,0x22,23 | A 60 T Inox   | 25     | 66252833402  |
|      |          | 1,6x22,23 | A 46 T Inox   | 25     | 66252833403  |
|      |          | 2,0x22,23 | A 30 S Inox   | 25     | 66252835282* |
|      |          | 2,5x22,23 | A 30 S Inox   | 25     | 66252833409  |
|      | 150      | 1,6x22,23 | A 46 T Inox   | 25     | 66252833404  |
|      |          | 2,0x22,23 | A 30 S Inox   | 25     | 66252835283* |
|      |          | 2,5x22,23 | A 30 S Inox   | 25     | 66252833410* |
|      | 180      | 1,6x22,23 | A 46 T Inox   | 25     | 66252833405* |
|      |          | 2,0x22,23 | A 30 S Inox   | 25     | 66252835284* |
|      |          | 2,5x22,23 | A 30 S Inox   | 25     | 66252925426* |
|      | 230      | 1,9x22,23 | A 46 T Inox   | 25     | 66252833406  |
|      |          | 2,0x22,23 | A 30 S Inox   | 25     | 66252835285* |
| 42   | 100      | 2,5x16,0  | A 30 S Inox   | 25     | 66252925485* |
|      | 115      | 2,5x22,23 | A 30 S Inox   | 25     | 66252925486* |
|      | 125      | 2,5x22,23 | A 30 S Inox   | 25     | 66252925487  |
|      | 180      | 2,5x22,23 | A 30 S Inox   | 25     | 66252925488* |
|      | 230      | 2,5x22,23 | A 30 S Inox   | 25     | 66252925489  |

\* Made-to-order

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
EQUIPMENT

TECHNICAL  
INFORMATION

## VULCAN



STONE

TYPE 27

TYPE 41

TYPE 42



30°



90°



## FEATURES

- Dedicated for stone
- Sharp silicon carbide grains

## BENEFITS

- Fast and comfortable cutting and grinding
- Longer life and higher material removal

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|-----------|---------------|--------|--------------|
| 27   | 100      | 6,4x16,0  | C 30 R        | 10     | 66252925532* |
|      | 115      | 6,4x22,23 | C 30 R        | 10     | 66252925533  |
|      | 125      | 6,4x22,23 | C 30 R        | 10     | 66252925534  |
|      | 180      | 6,4x22,23 | C 30 R        | 10     | 66252925535  |
|      | 230      | 6,4x22,23 | C 30 R        | 10     | 66252925537  |
| 41   | 115      | 3,0x22,23 | C 30 R        | 25     | 66252925452  |
|      | 125      | 3,0x22,23 | C 30 R        | 25     | 66252925453  |
|      | 150      | 3,0x22,23 | C 30 R        | 25     | 66252925454* |
|      | 180      | 3,0x22,23 | C 30 R        | 25     | 66252925455* |
|      | 230      | 3,0x22,23 | C 30 R        | 25     | 66252925456  |
| 42   | 100      | 3,2x16,0  | C 30 R        | 25     | 66252925499* |
|      | 115      | 3,2x22,23 | C 30 R        | 25     | 66252925500  |
|      | 125      | 3,2x22,23 | C 30 R        | 25     | 66252925501  |
|      | 180      | 3,2x22,23 | C 30 R        | 25     | 66252925502* |
|      | 230      | 3,2x22,23 | C 30 R        | 25     | 66252925503  |

\* Made-to-order

## VULCAN WITH NORZON TECHNOLOGY

CAST IRON  
METAL

TYPE 27



30°

## FEATURES

- Combination of zirconia and aluminium oxide grain
- Suitable for steel and cast iron applications

## BENEFITS

- Highest productivity
- Fast material removal
- Easy & comfortable grinding

| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|-----------|---------------|--------|--------------|
| 27   | 125      | 7,0x22,23 | ZA 24 R       | 10     | 66252838104  |
|      | 150      | 7,0x22,23 | ZA 24 R       | 10     | 66252838105* |
|      | 180      | 7,0x22,23 | ZA 24 R       | 10     | 66252838106* |
|      | 230      | 7,0x22,23 | ZA 24 R       | 10     | 66252838107* |

\* Made-to-order

# STARLINE

**GOOD +++**

Norton Starline provides a complete, convenient offer for all metal work applications with a full range of sizes for angle grinders. Provides good material removal rates, fast cutting, reduced vibration for comfortable working and consistent performance for improved part quality.

## FEATURES

- Suitable for steel, stainless steel, cast iron and stone

## BENEFITS

- Fast material removal
- Good price / quality ratio


**TYPE 41**


| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.       |
|------|----------|-----------|---------------|--------|---------------|
| 41   | 115      | 1,0x22,23 | A 60 R        | 25     | 66252837243** |
|      |          | 1,0x22,23 | A 60 R - SET* | 10     | 66252837575** |
|      | 125      | 1,0x22,23 | A 60 R        | 25     | 66252837245** |
|      |          | 1,0x22,23 | A 60 R - SET* | 10     | 66252837576** |
|      |          | 1,6x22,23 | A 46 R        | 25     | 66252837246** |
|      |          | 1,6x22,23 | A 46 R - SET* | 10     | 66252837577** |
|      | 180      | 1,6x22,23 | A 46 R        | 25     | 66252837247** |
|      | 230      | 2,0x22,23 | A 36 R        | 25     | 66252837248   |

\* Minimum order quantity - 20 sets

\*\* +30% performance upgrade

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

 CUTTING-OFF  
& GRINDING  
WHEELS

 COATED  
ABRASIVES  
& BEARTEX

 BONDED  
ABRASIVES

 SUPER  
ABRASIVES

 DIAMOND  
TOOLS

 CLEANING,  
POLISHING  
& MASKING

 PERSONAL  
PROTECTION  
EQUIPMENT

 TECHNICAL  
INFORMATION



TYPE 27

TYPE 41

TYPE 42



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.       |
|------|----------|-----------|---------------|--------|---------------|
| 27   | 115      | 6,0x22,23 | A 24 Q        | 10     | 66252837263   |
|      | 125      | 6,0x22,23 | A 24 Q        | 10     | 66252837264** |
|      | 180      | 6,0x22,23 | A 24 Q        | 10     | 66252837268   |
|      | 230      | 6,0x22,23 | A 24 Q        | 10     | 66252837269   |
| 41   | 115      | 2,5x22,23 | A 30 P        | 25     | 66252837249   |
|      | 125      | 2,5x22,23 | A 30 P        | 25     | 66252837250   |
|      | 180      | 2,5x22,23 | A 30 P        | 25     | 66252837251   |
|      | 230      | 2,5x22,23 | A 30 P        | 25     | 66252837253   |
| 42   | 115      | 3,0x22,23 | A 30 P        | 25     | 66252837275*  |
|      | 125      | 3,0x22,23 | A 30 P        | 25     | 66252837276   |
|      | 180      | 3,0x22,23 | A 30 P        | 25     | 66252837277   |
|      | 230      | 3,0x22,23 | A 30 P        | 25     | 66252837278   |

\* Made-to-order

\*\* +30% performance upgrade



TYPE 42



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|-----------|---------------|--------|-------------|
| 42   | 230      | 3,0x22,23 | C 30 R        | 25     | 66252837284 |

# WHEELS FOR PETROL SAWS

Norton's wide range of cutting wheels for petrol saws provide high value and high performance industrial solutions.

## APPLICATIONS & MARKETS

- Construction
- Demolition



## VULCAN

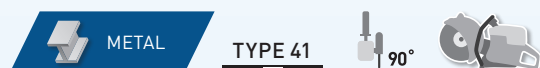
BETTER ++++

### FEATURES

- Designed for petrol and electrical saws
- Sharp silicon carbide and aluminum oxide grains
- 80m/s

### BENEFITS

- Optimized for cutting steel, stone, bricks and concrete
- Longer life and fast cutting
- High stability for straight cutting



| TYPE | DIA (mm) | TxB (mm)  | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|-----------|---------------|--------|--------------|
| 41   | 300      | 3,5x20,0  | A 30 S        | 10     | 66252925457  |
|      |          | 3,5x22,23 | A 30 S        | 10     | 66252925458* |
|      |          | 3,5x25,4  | A 30 S        | 10     | 66252925459* |

\* Made-to-order

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
EQUIPMENT

TECHNICAL  
INFORMATION

# WHEELS FOR CHOP SAWS

Norton's wide range of cutting wheels for chop saws provide high value and high performance industrial solutions.

## APPLICATIONS & MARKETS

- Construction
- Fabrication
- Foundry
- Maintenance



## VULCAN

BETTER ++++



TYPE 41



### FEATURES

- Advanced grain and bond system
- High quality mechanical reinforcement
- 80m/s

### BENEFITS

- Longer wheel life
- Quick and free cutting
- Maximum safety
- High stability for straight cutting
- Designed for portable metal chop saws and for fixed machines

| TYPE | DIA (mm) | TxB (mm) | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|----------|---------------|--------|--------------|
| 41   | 300      | 2,8x25,4 | A 30 S        | 10     | 66252925460* |
|      | 350      | 3,0x25,4 | A 30 S        | 10     | 66252925462  |
|      |          | 3,0x32,0 | A 30 S        | 10     | 66252925463* |
|      | 400      | 3,2x25,4 | A 30 S        | 10     | 66252925464* |
|      |          | 3,2x32,0 | A 30 S        | 10     | 66252925465* |

\* Made-to-order

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

# WHEELS FOR RAIL

The Norton Rail range provides high performance wheels for demanding operations. Rail cutting requires precision, speed and power and Norton Rail is a complete program of cutting wheels suitable for any rail type (subway, tram, train) and any rail cutting machine with a clamping device (electrical and petrol).

## APPLICATIONS & MARKETS

- Rail industry

CUTTING-OFF  
& GRINDING  
WHEELSCOATED  
ABRASIVES  
& BEARTEXBONDED  
ABRASIVESSUPER  
ABRASIVESDIAMOND  
TOOLSCLEANING,  
POLISHING  
& MASKINGPERSONAL  
PROTECTION  
EQUIPMENTTECHNICAL  
INFORMATION

## RAIL

BETTER ++++

### FEATURES

- Sharp aluminum oxide grain & optimized bond
- Zirconia grain & optimized bond
- Optimized bond and wheel density
- 3 specifications available: soft, medium, hard
- Glass cloth reinforcement

### BENEFITS

- Precise cut
- Fast cutting speed
- White cuts and free cutting
- Optimised for use on steel and railways
- Perfect straight cut without any deviation
- Low vibration on the machine for better user comfort and longer work periods
- Consistent performance for improved quality of cut
- Minimal wheel wear
- Covers all rail machine horsepower and all rail types: subway, tramway, train
- Suitable for use on powerful machines running at 100m/s for 350mm wheels and 80m/s for 300mm wheels
- Maximum safety for the operator

RAIL  
METAL

TYPE 41



90°



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | INNOVATION   |
|------|-------------|-------------|---------------|-----------|--------------|
|      |             |             |               |           | ART NO.      |
| 41   | 300         | 4,0x25,4    | ZA 24 Q       | 10        | 66252833664* |
|      | 350         | 4,0x25,4    | ZA 24 Q       | 10        | 66252830924  |
|      | 400         | 4,0x25,4    | ZA 24 Q       | 10        | 66252833665  |

\* Made-to-order

RAIL  
METAL

TYPE 41



90°



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.      |
|------|-------------|-------------|---------------|-----------|--------------|
| 41   | 300         | 3,5x20,0    | A 24 T        | 10        | 66252829589  |
|      |             | 3,5x22,23   | A 24 T        | 10        | 66252829585* |
|      | 350         | 4,0x20,0    | A 24 T        | 10        | 66252829586  |
|      |             | 4,0x22,23   | A 24 T        | 10        | 66252829587  |
|      |             | 4,0x25,4    | ZA 24 T       | 10        | 66252832744  |
|      |             |             | A 24 T        | 10        | 66252829588  |
|      |             |             | A 24 P        | 10        | 66252828620  |
|      |             |             | A 24 Q        | 10        | 66252833554  |
|      | 400         | 4,0x25,4    | A 24 P        | 10        | 66252919130  |

\* Made-to-order

# WHEELS FOR STATIONARY MACHINES

Norton's wide range of cutting wheels for stationary machines provide high value and high performance industrial solutions.

## APPLICATIONS & MARKETS

- Construction
- Fabrication
- Foundry



## VULCAN

BETTER ++++

### FEATURES

- Advanced grain bond system
- Optimised for cutting steel, stainless steel, concrete and cast iron
- Double, full external mechanical reinforcement
- 80m/s

### BENEFITS

- Longer wheel life
- Quick and free cutting
- Cutting without burn layers and splinters
- No contamination of stainless steel
- Maximum safety
- High stability and straight cutting
- Designed for fixed machines



STONE

TYPE 41



| TYPE | DIA (mm) | TxB (mm) | SPECIFICATION | PK QTY | ART NO.      |
|------|----------|----------|---------------|--------|--------------|
| 41   | 300      | 3,5x32,0 | C 30 R        | 10     | 66252925482* |
|      | 350      | 4,0x32,0 | C 30 R        | 10     | 66252925483  |
|      | 400      | 4,5x32,0 | C 30 R        | 10     | 66252925484  |
|      |          | 5,0x32,0 | C 24 R        | 10     | 66252838304* |

\* Made-to-order

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
EQUIPMENT

TECHNICAL  
INFORMATION



TYPE 41



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | SPEED<br>[m/s] | PK<br>QTY | ART NO.      |
|------|-------------|-------------|---------------|----------------|-----------|--------------|
| 41   | 300         | 3,0x32,0    | A 30 S        | 80             | 10        | 66252925466  |
|      |             | 3,0x32,0    | A 30 S        | 100            | 10        | 66252925475  |
|      |             | 3,0x32,0    | A 30 T        | 80             | 10        | 66252843820* |
|      |             | 3,5x25,4    | A 30 S        | 80             | 10        | 66252925467* |
|      |             | 3,5x30,0    | A 30 S        | 80             | 10        | 66252835384* |
|      |             | 3,5x32,0    | A 30 S        | 80             | 10        | 66252925468  |
|      |             | 3,5x32,0    | A 30 S        | 100            | 10        | 66252836858* |
|      | 350         | 3,5x25,4    | A 30 S        | 80             | 10        | 66252925469  |
|      |             | 3,5x32,0    | A 30 S        | 80             | 10        | 66252925470  |
|      |             | 3,5x32,0    | A 30 S        | 100            | 10        | 66252925476  |
|      |             | 4,0x32,0    | A 30 S        | 80             | 10        | 66252925471  |
|      | 400         | 3,5x25,4    | A 30 S        | 80             | 10        | 66252833890* |
|      |             | 4,0x25,4    | A 30 S        | 80             | 10        | 66252925472  |
|      |             | 4,0x25,4    | A 30 S        | 100            | 10        | 66252925477  |
|      |             | 4,0x32,0    | A 30 S        | 80             | 10        | 66252925473  |
|      |             | 4,0x32,0    | A 30 S        | 100            | 10        | 66252925478  |
|      |             | 4,5x32,0    | A 30 S        | 80             | 10        | 66252925474  |
|      |             | 4,0x40,0    | A 30 S        | 80             | 10        | 66252830812* |

\* Made-to-order



TYPE 41



| TYPE | DIA<br>(mm) | TxB<br>(mm) | SPECIFICATION | PK<br>QTY | ART NO.      |
|------|-------------|-------------|---------------|-----------|--------------|
| 41   | 300         | 3,0x32,0    | A 30 S        | 10        | 66252830808* |
|      | 350         | 3,5x32,0    | A 30 S        | 10        | 66252833646  |
|      | 400         | 4,0x32,0    | A 30 S        | 10        | 66252830811* |

\* Made-to-order

## STARLINE

GOOD +++



METAL

TYPE 41



### FEATURES

- Dedicated for steel

### BENEFITS

- Good price/quality ratio
- Stable cut

| TYPE | DIA (mm) | TxB (mm) | SPECIFICATION | PK QTY | ART NO.     |
|------|----------|----------|---------------|--------|-------------|
| 41   | 300      | 3,0x32,0 | A 30 R        | 10     | 66252843841 |
|      | 350      | 3,5x32,0 | A 30 R        | 10     | 66252843842 |
|      | 400      | 4,0x32,0 | A 30 R        | 10     | 66252843843 |

**Dimensions Key:** DIA = Diameter, T = Thickness, B = Bore

CUTTING-OFF  
& GRINDING  
WHEELS

COATED  
ABRASIVES  
& BEARTEX

BONDED  
ABRASIVES

SUPER  
ABRASIVES

DIAMOND  
TOOLS

CLEANING,  
POLISHING  
& MASKING

PERSONAL  
PROTECTION  
EQUIPMENT

TECHNICAL  
INFORMATION





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