



TYROLIT
FLAP DISC RANGE
PERFECT SOLUTIONS FOR
EVERY APPLICATION

A Company of the SWAROVSKI Group
www.tyrolit.com

TYROLIT

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FACTS & FIGURES

- Vs = 80 m/s
- Without substances containing Fe, S or Cl
- Conforms to EN 13743
- A – Regular aluminium oxide
- ZA – Zirconia alumina
- CA – Ceramic grain

PICTOGRAMS



Steel



INOX



2in1



Aluminium



Angle grinder



Straight grinder



Personal safety



Use gloves



Heed the safety recommendation



Do not use damaged discs



Manufactured without substances containing Fe, S or Cl

Products marked with an asterisk (*) are not stock types and are only available on demand.

TYROLIT quality lines

PREMIUM★★★

- Highest abrasiveness
- Above-average lifetime
- Most extensive assortment
- Highest levels of productivity

STANDARD★★

- Very good abrasiveness
- Very long lifetime
- Very broad assortment
- Very high productivity

BASIC★

- Good abrasiveness
- Long lifetime
- Broad assortment
- High productivity

TYROLIT flap disc range at a glance

Innovations and new additions

PREMIUM★★★ LONGLIFE

Highest stock removal rate
with maximum lifetime
Material: Steel

PREMIUM★★★ CERABOND

With ceramic grain and the
unique Cerabond bonding system
Material: INOX

PREMIUM★★★ FLAP DISCS

2IN1

Both for steel and
stainless steel
Material: Steel/INOX

OVERLAP

Special structure of the flaps for
greater flexibility when machining
difficult to reach places
Material: Steel/INOX

FOR NON-FERROUS METALS

Specially developed
for non-ferrous metals
Material: NF metals

LONGLIFE

Additionally offers longer lifetime
Material: Steel/INOX

CERAMIC

Features a self-sharpening ceramic
grinding grain
Material: INOX

COMBI

For simultaneous removal
and finishing of the surface
Material: Steel/INOX

FAST CUT

Additionally offers higher
abrasiveness and cutting ability
Material: Steel/INOX

FOR STEEL

Specially developed for steel
Material: Steel

STANDARD★★ FLAP DISCS

2IN1

Both for steel and
stainless steel
Material: Steel/INOX

SOFTJOB

High flexibility through special
arrangement of the grinding flaps
Material: Steel/INOX

BASIC★ FLAP DISCS

2IN1

Both for steel and
stainless steel
Material: Steel/INOX

PREMIUM ★★★ LONGLIFE FOR STEEL

+ **Great savings potential:**
100% use of the disc is guaranteed through simple trimming.

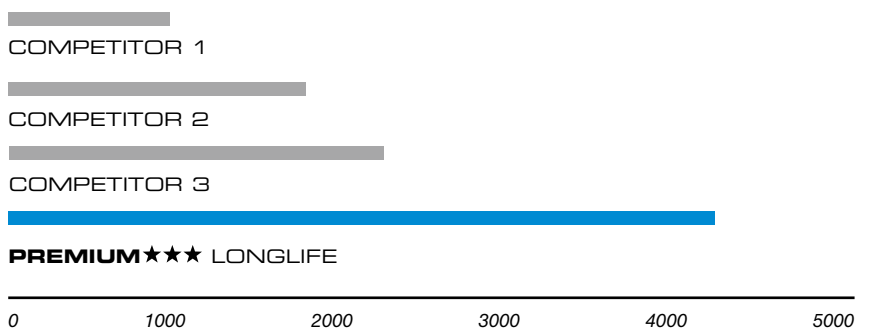
+ **Unparalleled performance:**
The newly developed high-tech zirconium cloth enables outstanding removal results with maximum lifetime



+ **Environmentally compatible:**
The innovative body made of natural fibre is completely free of fibre glass and therefore reduces the environmental load.

The PREMIUM*** LONGLIFE is a high-performance flap disc for steel and offers its users excellent stock removal and an optimum lifetime. A stock removal of **more than 4000 g** with only one disc opens up a completely new dimension. A natural fibre body gives the tool additional flexibility, meaning that the PREMIUM*** LONGLIFE fits the workpiece surface perfectly and creates clean grinding transitions.


Stock removal rate in grams



PREMIUM*** LONGLIFE FOR STEEL



| Shape | Type number | Dimension | Specification | PU | |
|-------|-------------|-----------|---------------|---------|----|
| | 28NF | 34063393 | 115x22.23 | ZA40-B | 10 |
| | | 34063394 | 115x22.23 | ZA60-B | 10 |
| | | 34063396 | 115x22.23 | ZA80-B | 10 |
| | | 34063397 | 115x22.23 | ZA120-B | 10 |
| | | 34063388 | 125x22.23 | ZA40-B | 10 |
| | | 34063389 | 125x22.23 | ZA60-B | 10 |
| | | 34063390 | 125x22.23 | ZA80-B | 10 |
| | | 34063391 | 125x22.23 | ZA120-B | 10 |
| | | 34063398 | 150x22.23 | ZA40-B | 10 |

| Shape | Type number | Dimension | Specification | PU | |
|---|-------------|-----------|---------------|---------|----|
|  | 28NF | 34063399 | 150x22.23 | ZA60-B | 10 |
| | | 34063400* | 150x22.23 | ZA80-B | 10 |
| | | 34063401* | 150x22.23 | ZA120-B | 10 |
| | | 34063402 | 178x22.23 | ZA40-B | 10 |
| | | 34063403 | 178x22.23 | ZA60-B | 10 |
| | | 34063404* | 178x22.23 | ZA80-B | 10 |
| | | 34063406* | 178x22.23 | ZA120-B | 10 |

PREMIUM ★★★ CERABOND FLAP DISC FOR STAINLESS STEEL

+ Enhanced abrasiveness:
A new and broader PREMIUM cloth and the Cerabond bonding system offer high stock removal on the workpiece.

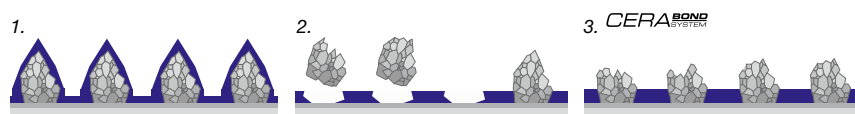
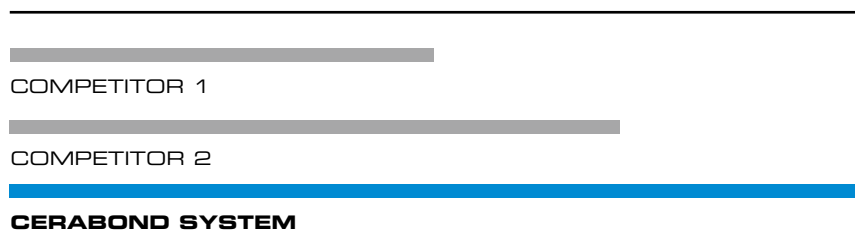
+ Longer lifetime:
The unique bond system prevents the premature break-out of the grain and leads to a long lifetime for the product.



+ Enhanced economic efficiency: Thanks to the self-sharpening, ceramic grain, the Cerabond flap disc is also optimally suited for demanding grinding jobs.

We at TYROLIT always endeavour to bring our customers innovative products and a comprehensive assortment. For this reason, TYROLIT has now extended the Cerabond family to include the new ceramic flap discs. A unique bond system combined with a high-performance PREMIUM cloth offers the user greater abrasiveness. In addition, Cerabond offers broader flaps for a longer lifetime and a higher overall abrasion.


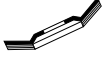
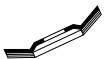
Stock removal rate



1. Before grinding. 2. With a normal bond it is not possible to bind the hard and brittle grain through to the end. 3. The Cerabond technology enables optimal bonding of the ceramic grain.

PREMIUM* CERABOND FLAP DISCS FOR INOX**



| | Shape | Type number | Dimension | Specification | PU |
|---|---|-------------|-----------|---------------|----|
|  |  27A | 34043514 | 115x22.23 | CA40-B | 5 |
| | | 34043515 | 115x22.23 | CA60-B | 5 |
| | | 34043516 | 125x22.23 | CA40-B | 5 |
| | | 34043517 | 125x22.23 | CA60-B | 5 |
| |  27N | 34057966* | 115x22.23 | CA40-B | 5 |
| | | 34057967* | 115x22.23 | CA60-B | 5 |
| | | 34057968* | 125x22.23 | CA40-B | 5 |
| | | 34057969* | 125x22.23 | CA60-B | 5 |



PREMIUM★★★ 2IN1 FOR STEEL & STAINLESS STEEL

+ **Large selection:**
The PREMIUM*** flap disc is available in all current diameters and grain sizes.

+ **Universal use:**
Achieves optimal results both on steel and stainless steel.



+ **Ease of use:** Effortless machining of welding seams, as well as edge grinding and surface grinding.



The PREMIUM*** 2in1 flap disc offers two advantages. On the one hand, it offers the user maximum lifetime, on the other it guarantees a very high



specific stock removal. The TYROLIT 2in1 flap disc is used both on high alloyed steels and stainless steel, as well as on unalloyed and low alloyed

steels. Problem-free weld machining as well as edge and surface grinding particularly when used on powerful angle grinders.

PREMIUM★★★ 2IN1 FOR STEEL AND STAINLESS STEEL



| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|--------|----|
|  |  | 27A | 668642 | 115x22.23 | ZA40-B | 10 |
| | | 668644 | 115x22.23 | ZA60-B | 10 | |
| | | 668649 | 115x22.23 | ZA80-B | 10 | |
| | | 643803 | 115x22.23 | ZA120-B | 10 | |
| | | 668663 | 125x22.23 | ZA40-B | 10 | |
| | | 668664 | 125x22.23 | ZA60-B | 10 | |
| | | 668665 | 125x22.23 | ZA80-B | 10 | |
| | | 643805 | 125x22.23 | ZA120-B | 10 | |
| | | 519212 | 150x22.23 | ZA40-B | 10 | |
| | | 519213* | 150x22.23 | ZA60-B | 10 | |
| | | 519214* | 150x22.23 | ZA80-B | 10 | |
| | | 519215* | 150x22.23 | ZA120-B | 10 | |
| | | 668670 | 178x22.23 | ZA40-B | 10 | |
| | | 668672 | 178x22.23 | ZA60-B | 10 | |
| | | 668673 | 178x22.23 | ZA80-B | 10 | |
| | | 643807 | 178x22.23 | ZA120-B | 10 | |

| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|--------|----|
|  |  | 28A | 668686 | 115x22.23 | ZA40-B | 10 |
| | | 668687 | 115x22.23 | ZA60-B | 10 | |
| | | 668691 | 115x22.23 | ZA80-B | 10 | |
| | | 846344* | 115x22.23 | ZA120-B | 10 | |
| | | 668692 | 125x22.23 | ZA40-B | 10 | |
| | | 668693 | 125x22.23 | ZA60-B | 10 | |
| | | 668694 | 125x22.23 | ZA80-B | 10 | |
| | | 645145* | 125x22.23 | ZA120-B | 10 | |
| | | 668696 | 178x22.23 | ZA40-B | 10 | |
| | | 668697 | 178x22.23 | ZA60-B | 10 | |
| | | 668698* | 178x22.23 | ZA80-B | 10 | |
| | | 643823* | 178x22.23 | ZA120-B | 10 | |

PREMIUM ★★★ 2IN1 FOR STEEL & STAINLESS STEEL SHAPE 27N

+ **Reduced working hours:**
Laborious rework becomes unnecessary through having the best possible grinding angle.

+ **Reduced workload:**
Vibrations are reduced due to the newly-shaped plastic body.



+ **Enhanced economic efficiency:** The option to reset the body provides optimal utilisation of the individual flaps.

+ Optimal grinding angle of 25-35°.



For us, good is not good enough. This is why we are offering the PREMIUM*** flap disc 2in1 in a new shape to improve your work results.

The plastic body with the 27N shape gives the user an optimal grinding angle of 25-35 degrees. As a result there is no longer any scratching

or damage on the workpiece and the individual flaps can be utilised optimally.

PREMIUM* 2IN1 FOR STEEL AND STAINLESS STEEL SHAPE 27N**



| Shape | Type number | Dimension | Specification | PU | |
|---|-------------|-----------|---------------|--------|----|
|   | 27N | 34043471 | 115x22.23 | ZA40-B | 10 |
| | 34043472 | 115x22.23 | ZA60-B | 10 | |
| | 34043473 | 115x22.23 | ZA80-B | 10 | |
| | 34043474 | 115x22.23 | ZA120-B | 10 | |
| | 34043475 | 125x22.23 | ZA40-B | 10 | |
| | 34043476 | 125x22.23 | ZA60-B | 10 | |
| | 34043477 | 125x22.23 | ZA80-B | 10 | |
| | 34043478 | 125x22.23 | ZA120-B | 10 | |
| | 34043479* | 150x22.23 | ZA40-B | 10 | |
| | 34043480* | 150x22.23 | ZA60-B | 10 | |
| | 34043481* | 150x22.23 | ZA80-B | 10 | |
| | 34043482* | 150x22.23 | ZA120-B | 10 | |

PREMIUM*** LONGLIFE FOR STEEL & STAINLESS STEEL

+ **Excellent overall abrasion:**
Offers not only a long lifetime, but also good results in terms of abrasiveness.

+ **Robust construction:**
Through the increased number of closely spaced flaps, this disc can withstand even the highest loads.





+ **Maximum lifetime:**
The PREMIUM*** Longlife offers even longer lifetime with consistent grinding results.

The PREMIUM*** LONGLIFE flap disc offers a maximum lifetime and an excellent stock removal rate. The TYROLIT LONGLIFE flap disc is used

both on high alloyed steels and stainless steel, as well as on unalloyed and low alloyed steels. Problem-free weld machining as well as edge and

surface grinding particularly when used on powerful angle grinders.

PREMIUM*** LONGLIFE FOR STEEL AND STAINLESS STEEL

| Shape | Type number | Dimension | Specification | PU | |
|---|--|-----------|---------------|---------|----|
|  |  28N | 680369 | 115x22.23 | ZA40-B | 10 |
| | | 680373 | 115x22.23 | ZA60-B | 10 |
| | | 680376 | 115x22.23 | ZA80-B | 10 |
| | | 680377 | 115x22.23 | ZA120-B | 10 |
| | | 680379 | 125x22.23 | ZA40-B | 10 |
| | | 680380 | 125x22.23 | ZA60-B | 10 |
| | | 680383 | 125x22.23 | ZA80-B | 10 |
| | | 680386 | 125x22.23 | ZA120-B | 10 |
| | | 680387 | 178x22.23 | ZA40-B | 10 |
| | | 680388 | 178x22.23 | ZA60-B | 10 |
| | | 680389 | 178x22.23 | ZA80-B | 10 |
| | | 680390 | 178x22.23 | ZA120-B | 10 |

PREMIUM*** FASTCUT FOR STEEL & STAINLESS STEEL

+ **Excellent stock removal:**
Over the entire duration of its use, the PREMIUM*** Fastcut is free-cutting and abrasive.

+ **Cool grinding:**
This disc leads to no discolouration on the tool and thus also prevents difficult rework.



+ **High abrasiveness:**
Through the extraordinary cutting ability of this disc, the working time is significantly reduced for the operator.

The PREMIUM*** FASTCUT represents excellent, specific abrasion of material. As a result, you will achieve your goal faster, and the disk will remain free-cutting and abrasive

over its entire lifetime. The TYROLIT FASTCUT flap disc is the perfect tool for demanding grinding jobs, such as edge grinding and weld machining. It is used both on high alloyed steels

and stainless steel, as well as on unalloyed and low alloyed steels. It is also possible to use it on aluminium, to a limited extent.

PREMIUM* FASTCUT FOR STEEL AND STAINLESS STEEL**



| | Shape | Type number | Dimension | Specification | PU | | |
|---------|-----------|-------------|-----------|---------------|-----------|--------|----|
| | | 27A | 528580 | 100x16 | ZA40-B | 10 | |
| | | 643845* | 100x16 | ZA60-B | 10 | | |
| | | 643846* | 100x16 | ZA80-B | 10 | | |
| | | 160229 | 115x22.23 | ZA40-B | 10 | | |
| | | 160230 | 115x22.23 | ZA60-B | 10 | | |
| | | 160235 | 115x22.23 | ZA80-B | 10 | | |
| | | 160240 | 125x22.23 | ZA40-B | 10 | | |
| | | 160242 | 125x22.23 | ZA60-B | 10 | | |
| | | 160244 | 125x22.23 | ZA80-B | 10 | | |
| | | 160245 | 178x22.23 | ZA40-B | 10 | | |
| | | 160246 | 178x22.23 | ZA60-B | 10 | | |
| | | 160247* | 178x22.23 | ZA80-B | 10 | | |
| | | | 28A | 160249 | 115x22.23 | ZA40-B | 10 |
| | | | 160251 | 115x22.23 | ZA60-B | 10 | |
| 160252 | 115x22.23 | | ZA80-B | 10 | | | |
| 160254 | 125x22.23 | | ZA40-B | 10 | | | |
| 160255 | 125x22.23 | | ZA60-B | 10 | | | |
| 160256 | 125x22.23 | | ZA80-B | 10 | | | |
| 160257* | 178x22.23 | | ZA40-B | 10 | | | |
| 160258* | 178x22.23 | | ZA60-B | 10 | | | |
| 160260* | 178x22.23 | | ZA80-B | 10 | | | |
| 458028 | 115x22.23 | | ZA40-B | 10 | | | |
| | 28N | 458029 | 115x22.23 | ZA60-B | 10 | | |
| | 458030 | 115x22.23 | ZA80-B | 10 | | | |
| | 458034 | 125x22.23 | ZA40-B | 10 | | | |
| | 458033 | 125x22.23 | ZA60-B | 10 | | | |
| | 458031 | 125x22.23 | ZA80-B | 10 | | | |

PREMIUM★★★ OVERLAP FOR STEEL & STAINLESS STEEL

+ **Enhanced flexibility:**
Thanks to the longer flaps, it is also possible to machine difficult to reach places.

+ **Universal use:**
Achieves optimal results on both steel and stainless steel.



+ **Ease of use:**
The perfect tool for finishing fillet welds, grooves and flutes.



The PREMIUM*** Overlap is the right tool to help effortlessly access hard-to-reach areas. Its flaps overlap

by about **10 mm** and simplifies the finishing of fillet welds, grooves and flutes. The OVERLAP flaps also im-

press in terms of stock removal rate and lifetime when used on steel and stainless steel.

PREMIUM★★★ OVERLAP FOR STEEL AND STAINLESS STEEL



| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|--------|----|
|  |  | 27A | 540688 | 125x22.23 | ZA40-B | 10 |
| | | | 540689 | 125x22.23 | ZA60-B | 10 |

PREMIUM ★★★ CERAMIC FOR INOX

+ **Reduced workload:**
The high abrasiveness of the disc requires less pressure on the part of the operator.

+ **Consistent surface result:**
Even grinding surface pattern thanks to uniformly free-cutting ceramic grain.



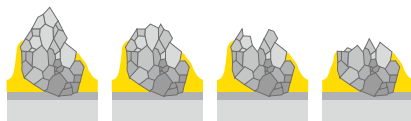
+ **Maximum abrasiveness:**
The PREMIUM*** Ceramic flap disc achieves the highest values in terms of abrasiveness and therefore offers the greatest possible stock removal.

By virtue of the self-sharpening, ceramic abrasive grain, the PREMIUM*** CERAMIC flap disc is particularly suitable for high alloyed steels and

demanding grinding applications. The cool grinding ensures a longer tool life and reduces discolouration on the workpiece surface. Thanks to the

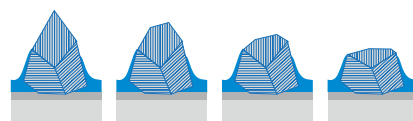
self-sharpening characteristic of the abrasive grain, a more even surface quality is achieved over the entire lifetime of the disc.

Ceramic



Grinding duration →

Zirconium aluminium oxide








Grinding duration →

The aluminium oxide crystals (Al₂O₃) contained in the ceramic grain are combined together through a sintering process. As a result of the grinding forces, these microcrystals break out in the grinding process, thus constantly creating new cutting edges.

PREMIUM ★★★ CERAMIC FOR INOX



| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|--------|----|
|  |  | 27A | 645130 | 115x22.23 | CA40-B | 10 |
| | | 645132 | 115x22.23 | CA60-B | 10 | |
| | | 645135 | 125x22.23 | CA40-B | 10 | |
| | | 645137 | 125x22.23 | CA60-B | 10 | |

| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|--------|----|
|  |  | 28A | 719797* | 115x22.23 | CA40-B | 10 |
| | | 719798* | 115x22.23 | CA60-B | 10 | |
| | | 719799* | 125x22.23 | CA40-B | 10 | |
| | | 719800* | 125x22.23 | CA60-B | 10 | |
| |  | 28N | 719840* | 115x22.23 | CA40-B | 10 |
| | | 719841* | 115x22.23 | CA60-B | 10 | |
| | | 719846* | 125x22.23 | CA40-B | 10 | |
| | | 719847* | 125x22.23 | CA60-B | 10 | |

PREMIUM★★★ FOR STEEL

+ **Refined surface profile:**
Using regular aluminium oxide abrasive grain produces a fine surface structure.

+ **Good price/performance ratio:**
For pure steel applications this disc offers the user a good price/performance ratio.



+ **Very good results:**
This PREMIUM*** flap disc achieves the best results when it comes to grinding uneven surfaces as well as surface/edge grinding and deburring work.



The Premium*** flap disc for steel is a versatile professional tool suitable for universal grinding jobs. With this disc, users will achieve perfect surfaces on




steel, as well as the best results for surface/edge grinding and deburring work. The supporting disc is made of rigid fibre glass and is therefore

optimally suited for use on high-performance angle grinders.

PREMIUM★★★ FOR STEEL



| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|-------|----|
|  |  | 27A | 668630 | 115x22.23 | A40-B | 10 |
| | | 668631 | 115x22.23 | A60-B | 10 | |
| | | 668632 | 115x22.23 | A80-B | 10 | |
| | | 668633 | 115x22.23 | A120-B | 10 | |

| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|-------|----|
|  |  | 27A | 668634 | 125x22.23 | A40-B | 10 |
| | | 668635 | 125x22.23 | A60-B | 10 | |
| | | 668637 | 125x22.23 | A80-B | 10 | |
| | | 896379 | 125x22.23 | A120-B | 10 | |
| | | 668638 | 178x22.23 | A40-B | 10 | |
| | | 668640 | 178x22.23 | A60-B | 10 | |
| | | 668641* | 178x22.23 | A80-B | 10 | |
| | | 75193* | 178x22.23 | A120-B | 10 | |
| |  | 28A | 668679 | 115x22.23 | A40-B | 10 |
| | | 795077 | 115x22.23 | A60-B | 10 | |
| | | 699984 | 115x22.23 | A80-B | 10 | |
| | | 642626* | 115x22.23 | A120-B | 10 | |
| | | 668681 | 125x22.23 | A40-B | 10 | |
| | | 728528 | 125x22.23 | A60-B | 10 | |
| 817672 | | 125x22.23 | A80-B | 10 | | |
| 817935* | | 125x22.23 | A120-B | 10 | | |
| 668683* | | 178x22.23 | A40-B | 10 | | |
| 886353* | | 178x22.23 | A60-B | 10 | | |
| 642627* | 178x22.23 | A80-B | 10 | | | |
| 642628* | 178x22.23 | A120-B | 10 | | | |

PREMIUM ★★★ FOR NON-FERROUS METALS

+ **Reduced costs:**
Reduces the need for disc changes by preventing clogging during machining of NF metals.

+ **Enhanced abrasiveness:**
The abrasiveness of this flap disc is enhanced by supplying ceramic grain.



+ **Consistent performance:**
The mixture of different abrasive grains prevents clogging of the disc and thus offers consistent performance through to the end.




With the specification developed specifically for non-ferrous metals, the usual smearing and blunting of the flap disc is prevented. The


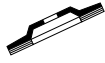
supplied ceramic grain promotes self-cleaning and sharpening of the disc during material removal. This tool offers comfortable and high-per-

formance results on difficult to grind materials such as aluminium, aluminium bronze, aluminium alloy, copper, bronze, brass and nickel silver.

PREMIUM ★★★ FOR NON-FERROUS METALS



| | Shape | Type number | Dimension | Specification | PU | | |
|---|---|---|-----------|---------------|-----------|--------|----|
|  |  | 27A | 707005 | 115x22.23 | CA40-B | 10 | |
| | | 707007 | 115x22.23 | CA60-B | 10 | | |
| | | 707008 | 115x22.23 | CA80-B | 10 | | |
| | | 707010* | 115x22.23 | CA120-B | 10 | | |
| | | 707011 | 125x22.23 | CA40-B | 10 | | |
| | | 707012 | 125x22.23 | CA60-B | 10 | | |
| | | 707013 | 125x22.23 | CA80-B | 10 | | |
| | | 707014 | 125x22.23 | CA120-B | 10 | | |
| | | 707015 | 178x22.23 | CA40-B | 10 | | |
| | | 707016 | 178x22.23 | CA60-B | 10 | | |
| | | 707017* | 178x22.23 | CA80-B | 10 | | |
| | | 707018* | 178x22.23 | CA120-B | 10 | | |
| | |  | 28A | 707153 | 115x22.23 | CA40-B | 10 |
| | | | | 707155 | 115x22.23 | CA60-B | 10 |
| 707156* | 115x22.23 | | | CA80-B | 10 | | |
| 707158* | 115x22.23 | | | CA120-B | 10 | | |
| 707159 | 125x22.23 | | | CA40-B | 10 | | |
| 707160 | 125x22.23 | | | CA60-B | 10 | | |

| | Shape | Type number | Dimension | Specification | PU | |
|---|---|-------------|-----------|---------------|--------|----|
|  |  | 28A | 707161* | 125x22.23 | CA80-B | 10 |
| | | 707163* | 125x22.23 | CA120-B | 10 | |
| | | 707165* | 178x22.23 | CA40-B | 10 | |
| | | 707166* | 178x22.23 | CA60-B | 10 | |
| | | 707167* | 178x22.23 | CA80-B | 10 | |
| | | 707168* | 178x22.23 | CA120-B | 10 | |

PREMIUM*** COMBI FOR STEEL & STAINLESS STEEL

+ **High economic efficiency:**
The PREMIUM*** Combi offers a long lifetime and thereby reduces tool consumption.

+ **Reduced workload:**
Low dust generation reduces the negative impact on the operator's health.



+ **Versatile use:**
Stock removal and simultaneous grinding of uneven surfaces with only one product.


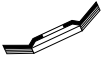
The PREMIUM*** Combi combines abrasive cloth and fabric in one tool. With this **two work steps can be performed in one**. Material removal and simultaneous finishing of sur-

faces produce an optimal result. The long lifetime of the PREMIUM*** Combi dramatically increases economic efficiency in comparison to conventional "surface conditioning"

discs. The disc was also specially developed to achieve good results at high speeds, on non-adjustable angle grinders (max. 80 m/s).

PREMIUM*** COMBI FOR STEEL AND STAINLESS STEEL



| | Shape | Type number | Dimension | Specification | PU | Recommended peripheral speed | |
|---|---|-------------|-----------|---------------|-------|------------------------------|-----------|
|  |  | 27PLCA | 742167 | 115x22.23 | 120-M | 10 | 4,000 rpm |
| | | 742168 | 125x22.23 | 120-M | 10 | 3,600 rpm | |



STANDARD★★ 2IN1

+ Large selection:

The Standard** flap disc is available in all current diameters and grain sizes.

+ Universal use:

Achieves very good results both on steel and stainless steel.



+ Ease of use:

Effortless machining of welding seams as well as edge grinding and surface grinding.



The STANDARD** 2in1 flap disc offers two advantages. On the one hand, it offers the user a very good

lifetime, on the other hand it guarantees a very good specific stock removal. The TYROLIT 2in1 flap disc




is used both on high alloyed steels and stainless steel, as well as on unalloyed and low alloyed steels.

STANDARD★★ 2IN1



| Shape | Type number | Dimension | Specification | PU | |
|---|-------------|-----------|---------------|--------|----|
|   | 27A | 843806 | 100x16 | ZA40-B | 10 |
| | 455324 | 100x16 | ZA60-B | 10 | |
| | 455318* | 100x16 | ZA80-B | 10 | |
| | 257768* | 100x16 | ZA120-B | 10 | |
| | 572473 | 115x22.23 | ZA40-B | 10 | |
| | 454393 | 115x22.23 | ZA60-B | 10 | |
| | 455312 | 115x22.23 | ZA80-B | 10 | |
| | 50801 | 115x22.23 | ZA120-B | 10 | |
| | 824385 | 125x22.23 | ZA40-B | 10 | |
| | 455303 | 125x22.23 | ZA60-B | 10 | |
| | 458587 | 125x22.23 | ZA80-B | 10 | |
| | 243069 | 125x22.23 | ZA120-B | 10 | |
| | 139648 | 150x22.23 | ZA40-B | 10 | |
| | 139651 | 150x22.23 | ZA60-B | 10 | |
| | 139653 | 150x22.23 | ZA80-B | 10 | |
| | 575635* | 150x22.23 | ZA120-B | 10 | |
| | 580650 | 178x22.23 | ZA40-B | 10 | |
| | 454396 | 178x22.23 | ZA60-B | 10 | |
| | 455314 | 178x22.23 | ZA80-B | 10 | |
| | 243071 | 178x22.23 | ZA120-B | 10 | |

STANDARD 2IN1**

| | Shape | Type number | Dimension | Specification | PU | | |
|---|---|---|-----------|---------------|-----------|--------|----|
|  |  | 28A | 537021 | 115x22.23 | ZA40-B | 10 | |
| | | 537084 | 115x22.23 | ZA60-B | 10 | | |
| | | 537089 | 115x22.23 | ZA80-B | 10 | | |
| | | 537093 | 115x22.23 | ZA120-B | 10 | | |
| | | 537095 | 125x22.23 | ZA40-B | 10 | | |
| | | 537097 | 125x22.23 | ZA60-B | 10 | | |
| | | 537110 | 125x22.23 | ZA80-B | 10 | | |
| | | 537111 | 125x22.23 | ZA120-B | 10 | | |
| | | 537112 | 178x22.23 | ZA40-B | 10 | | |
| | | 537113 | 178x22.23 | ZA60-B | 10 | | |
| | | 537114 | 178x22.23 | ZA80-B | 10 | | |
| | | 537115 | 178x22.23 | ZA120-B | 10 | | |
| | |  | 28N | 847917 | 115x22.23 | ZA40-B | 10 |
| | | | | 847924 | 115x22.23 | ZA60-B | 10 |
| | | | | 847927* | 115x22.23 | ZA80-B | 10 |
| 247165* | 115x22.23 | | | ZA120-B | 10 | | |
| 847921 | 125x22.23 | | | ZA40-B | 10 | | |
| 847925 | 125x22.23 | | | ZA60-B | 10 | | |
| 847928 | 125x22.23 | | | ZA80-B | 10 | | |
| 247366* | 125x22.23 | | | ZA120-B | 10 | | |
| 847923 | 178x22.23 | | | ZA40-B | 10 | | |
| 847926* | 178x22.23 | | | ZA60-B | 10 | | |
| 847929* | 178x22.23 | | | ZA80-B | 10 | | |
| 247175* | 178x22.23 | | | ZA120-B | 10 | | |

* Delivery period 6 weeks/minimum batch size of 480 pieces

STANDARD** MINIDISC FOR STEEL & STAINLESS STEEL

The STANDARD** Minidisc was specially developed for machining

and refining difficult to access places. Every disc is fitted with a quick

fixing system which enables fast and convenient disc changes.

STANDARD MINIDISC FOR STEEL AND STAINLESS STEEL**

| | Shape | Type number | Dimension | Specification | PU | |
|--|-------|-------------|-------------|---------------|--------|----|
| | | 28M | 679662 | 50xR | ZA40-B | 10 |
| | | 666221 | 50xR | ZA60-B | 10 | |
| | | 679663 | 50xR | ZA80-B | 10 | |
| | | 679664* | 50xR | ZA120-B | 10 | |
| | | 666276 | 75xR | ZA40-B | 10 | |
| | | 666279 | 75xR | ZA60-B | 10 | |
| | | 666280 | 75xR | ZA80-B | 10 | |
| | | 666421* | 75xR | ZA120-B | 10 | |
| | | | 100 AXLS | 257266 | | |

* Delivery period 6 weeks/minimum batch size of 480 pieces

STANDARD** SOFTJOB FOR STEEL & STAINLESS STEEL

+ Universal use:

The STANDARD** Softjob is a 2in1 flap disc and thus equally suitable for steel and stainless steel.

+ Consistent performance:

The disc offers uniform grinding properties over the entire lifetime.



+ Saves working time:

The high flexibility of the Standard** SOFTJOB makes it possible to work on difficult to access places without having to change the tool.

For us, the STANDARD** Softjob flap disc represents maximum flexibility for machining difficult to access areas. It has a broad application area,

comprising: surface premachining and improvement, preparation for welding works, cleaning of welding seams, machining of contours and

profiled surfaces, machining of railings and pipes, cleaning of surfaces, removing rust and paint residues.

STANDARD★★ SOFTJOB FOR STEEL AND STAINLESS STEEL



| | Shape | Type number | Dimension | Specification | PU | |
|--|-------|-------------|-----------|---------------|--------|----|
| | | 28S | 246982 | 50xR | ZA40-B | 10 |
| | | 246984 | 50xR | ZA60-B | 10 | |
| | | 246985 | 50xR | ZA80-B | 10 | |
| | | 246986 | 50xR | ZA120-B | 10 | |
| | | 289327 | 75xR | ZA40-B | 10 | |
| | | 289329 | 75xR | ZA60-B | 10 | |
| | | 289330 | 75xR | ZA80-B | 10 | |
| | | 246987 | 115x22.23 | ZA40-B | 10 | |
| | | 246988 | 115x22.23 | ZA60-B | 10 | |
| | | 246990 | 115x22.23 | ZA80-B | 10 | |
| | | 246994 | 115x22.23 | ZA120-B | 10 | |
| | | 246995 | 125x22.23 | ZA40-B | 10 | |
| | | 246996 | 125x22.23 | ZA60-B | 10 | |
| | | 246998 | 125x22.23 | ZA80-B | 10 | |
| | | 247001 | 125x22.23 | ZA120-B | 10 | |
| | | 100 AXLS | 257266 | | 1 | |

The 50 and 75 mm diameters are fitted with a quick fixing system

BASIC★ 2IN1 FOR STEEL & STAINLESS STEEL

+ **Large selection:**
The Basic* flap disc is available in all current diameters and grain sizes.

+ **Universal use:**
Achieves good results both on steel and stainless steel.



+ **Ease of use:**
Effortless machining of welding seams, as well as edge grinding and surface grinding.

The BASIC* 2in1 flap disc offers two advantages. On the one hand, it offers the user a good lifetime, on

the other hand it guarantees a good specific stock removal. The TYROLIT 2in1 flap disc is used both on high

alloyed steels and stainless steel, as well as on unalloyed and low alloyed steels.

BASIC★ 2IN1 FOR STEEL AND STAINLESS STEEL



| | Shape | Type number | Dimension | Specification | PU | |
|----------|-----------|-------------|-----------|---------------|----------|--------|
| | | 27A | 474872 | 100x16 | ZA40-B | 10 |
| | | 474874 | 100x16 | ZA60-B | 10 | |
| | | 474875 | 100x16 | ZA80-B | 10 | |
| | | 474877 | 100x16 | ZA120-B | 10 | |
| | | 273884 | 115x22.23 | ZA40-B | 10 | |
| | | 273810 | 115x22.23 | ZA60-B | 10 | |
| | | 273871 | 115x22.23 | ZA80-B | 10 | |
| | | 719788* | 115x22.23 | ZA120-B | 10 | |
| | | 273872 | 125x22.23 | ZA40-B | 10 | |
| | | 273873 | 125x22.23 | ZA60-B | 10 | |
| | | 273874 | 125x22.23 | ZA80-B | 10 | |
| | | 719793 | 125x22.23 | ZA120-B | 10 | |
| | | | 28A | 34023527 | 100 x 16 | ZA40-B |
| 34023528 | 100 x 16 | | ZA60-B | 10 | | |
| 34023529 | 100 x 16 | | ZA80-B | 10 | | |
| 34023530 | 100 x 16 | | ZA120-B | 10 | | |
| 320318 | 115x22.23 | | ZA40-B | 10 | | |
| 320320 | 115x22.23 | | ZA60-B | 10 | | |
| 320322 | 115x22.23 | | ZA80-B | 10 | | |
| 719794 | 115x22.23 | | ZA120-B | 10 | | |
| 320319 | 125x22.23 | | ZA40-B | 10 | | |
| 320321 | 125x22.23 | | ZA60-B | 10 | | |
| 320323 | 125x22.23 | | ZA80-B | 10 | | |
| 719796 | 125x22.23 | | ZA120-B | 10 | | |
| | 28N | | 246870 | 115x22.23 | ZA40-B | 10 |
| | 246871 | 115x22.23 | ZA60-B | 10 | | |
| | 246872 | 115x22.23 | ZA80-B | 10 | | |
| | 728649 | 115x22.23 | ZA120-B | 10 | | |
| | 728650* | 125x22.23 | ZA40-B | 10 | | |
| | 728657* | 125x22.23 | ZA60-B | 10 | | |
| | 728659* | 125x22.23 | ZA80-B | 10 | | |
| | 728661* | 125x22.23 | ZA120-B | 10 | | |

* Delivery period 6 weeks/minimum batch size of 480 pieces

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