

# Novo Abrasive®



Novo  
Abrasive®  
NovoTools®

2019-20



## CONTENTS

|  |    |
|--|----|
| About company .....  | 1  |
| Professional series of «NovoAbrasive Extreme» wheels ..... | 6  |
| «NovoAbrasive» abrasive wheels.....                        | 8  |
| Series of wheels for cutting rails .....                   | 11 |
| «Hetman» abrasive wheels .....                             | 11 |
| «NovoAbrasive» flap discs .....                            | 14 |
| «NovoTools» diamond blades .....                           | 18 |
| «NovoTools» circular saw blades .....                      | 28 |
| «NovoTools» brushes .....                                  | 32 |

## ABOUT COMPANY

Novovodolazkyi Abrasive Plant (hereinafter referred to as «NAP», Ltd.) is the leading manufacturer of abrasive products in Ukraine, located in Novaya Vodolaga near Kharkov.

Construction of the Plant in 2012 was the beginning of history of the young enterprise. Our specialists mastered manufacture of the entire range of cutting-off abrasive wheels of all sizes for steel, stainless steel, stone, and for cutting rails, as well as manufacture of grinding wheels for metal and flap discs.

«NAP», Ltd., is the first abrasive plant in Ukraine, which products passed testing in Institute for Materials Testing (Materialprüfungsanstalt, MPA), Hannover, Germany. NovoAbrasive wheels were tested in laboratory conditions. The German specialists confirmed that NovoAbrasive products meet all the safety requirements of European standard EN 12413.

In 2017, the Plant became a member of the Federation of European Producers of Abrasives (FEPA).

«NAP», Ltd., is a large manufacturer of own trademarks: «NovoAbrasive Extreme», «NovoAbrasive» and «Hetman» of Premium, Standard and Econom quality series. The Plant also works with the largest distributors on the basis of OEM manufacturing. The current production capacity of the Plant is 25 million wheels per year.



See more detail about us on our sites:

[www.novoabrasive.com](http://www.novoabrasive.com), [www.xa.ua](http://www.xa.ua), [www.novotools.eu](http://www.novotools.eu)



- The Plant implements a number of production control stages:
- incoming control of raw materials – fractional and chemical analysis of components on laboratory equipment;
  - control of mixture preparation – accuracy of mixture preparation and correct parameters of mixture moisture provide a guarantee of a high quality;
  - control of manufacture in the press – in this stage, the wheel weight, thickness and diameter, as well as imbalance are checked;
  - regular tests for rupture and load: the test for rupture is carried out on a special machine, the test itself being conducted with twofold increase of the load, in comparison with international standard, and the tests for side load and impact test are carried out on the equipment, unique for Ukraine;
  - control of wheel cutting – the wheels of each lot are regularly checked for monitoring of wear and durability of wheels, as well as efficiency of their cutting.

The geography of deliveries carried out by NAP is all the time expanding: Ukraine, Belarus, Georgia, UK, Germany, Czech Republic, France, Poland, Egypt, UAE, Israel and other countries.











**ABRASIVE WHEELS**



# Novo Abrasive®

## Extreme



**Novo Abrasive®**

Novovodolazkyi Abrasive Plant Ltd.

**Extreme**



Free of Fe, S, Cl (60,1%)

MAX 80m/s  
12250 RPM

**CUT-OFF WHEEL**

5"x1/25"x7/8"  
A 60 S BF  
EN12413  
Type 41

**125x1.0x22.23 mm**

Item:  
**NAECD12510**



Warning!  
Use protection!  
For cutting only!

Made in Ukraine by NAP Ltd.  
novoabrasive.com

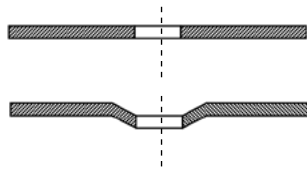


## PROFESSIONAL SERIES OF «NOVOABRASIVE EXTREME» WHEELS

«Novoabrasive Extreme» is most recent Premium quality development from specialists of Novovodolazkyi Abrasive Plant. The cutting-off and grinding wheels of this series, created according to the unique formula and with the help of innovative technological solutions, have splendid cutting performance by speed, wheel wear and convenience of work.

The base of «Novoabrasive Extreme» cutting-off wheels comprises modified fused corundum with active coating, which made it possible to increase their mechanical strength. Due to advanced innovations in manufacture of the wheels, we managed to obtain high performance for more durable time and increase to the maximum their capacity.

| Item No.                  | Dimension, mm            | Marking   | QTY/PVC set, pcs | QTY/box, pcs |
|---------------------------|--------------------------|-----------|------------------|--------------|
| <b>Cutting-off wheels</b> |                          |           |                  |              |
| NAECD11510                | 115x1,0x22,23            | A 60 S BF | 25               | 25           |
| NAECD11516                | 115x1,6x22,23            | A 36 S BF | 25               | 25           |
| NAECD12510                | 125x1,0x22,23            | A 60 S BF | 25               | 25           |
| NAECD12516                | 125x1,6x22,23            | A 36 S BF | 25               | 25           |
| NAECD15016                | 150x1,6x22,23            | A 36 S BF | 25               | 25           |
| NAECD18016                | 180x1,6x22,23            | A 36 S BF | 25               | 25           |
| NAECD23019                | 230x1,9x22,23            | A 30 S BF | 25               | 25           |
| <b>Grinding wheels</b>    |                          |           |                  |              |
| NAEGD12560/27             | 125x6,0x22,23<br>type 27 | A 24 R BF | 10               | 10           |
| NAEGD23060/27             | 230x6,0x22,23<br>type 27 | A 24 R BF | 10               | 10           |



**Type 41**

**Type 27**



Stainless steel



steel

**NEW!**









## «NOVOABRASIVE» ABRASIVE WHEELS

«NovoAbrasive» cutting-off and grinding wheels are manufactured by Abrasive Plant (Ukraine) with the use of bakelite bond with reinforcing elements. A high quality is provided by raw materials from leading European suppliers, automation of Italian manufacturing lines and proven production technology. «NovoAbrasive» wheels are manufactured not only according to GOST standards and own technical specifications (DSTU GOST 21963, GOST 21963-2002, TU U 23.9-37762568-001:2014), but according to European standard EN 12413 and safety rules. They are certified by MPA laboratory (Germany).

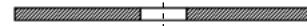
### CUT-OFF WHEELS FOR STEEL AND INOX / TYPE 41, 42

NovoAbrasive cut-off wheels for metal on bakelite bond with reinforcing elements are designed to work with carbon, structural and alloyed steel types. These wheels are made of the brown aluminium oxide.

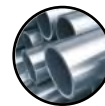
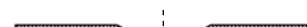
| Item No.   | Dimension, mm | Marking   | QTY/PVC set, pcs | QTY/box, pcs |
|------------|---------------|-----------|------------------|--------------|
| Wm11508    | 115x0,8x22,23 | A 60 S BF | 25               | 200          |
| Wm11510    | 115x1,0x22,23 | A 60 S BF | 25               | 200          |
| Wm11512    | 115x1,2x22,23 | A 46 S BF | 25               | 200          |
| Wm11516    | 115x1,6x22,23 | A 36 S BF | 25               | 200          |
| Wm11520    | 115x2,0x22,23 | A 30 S BF | 25               | 100          |
| Wm11525    | 115x2,5x22,23 | A 30 S BF | 25               | 100          |
| Wm11530    | 115x3,0x22,23 | A 30 S BF | 25               | 100          |
| Wm11532    | 115x3,2x22,23 | A 30 S BF | 25               | 100          |
| Wm12508    | 125x0,8x22,23 | A 60 S BF | 25               | 200          |
| Wm12510    | 125x1,0x22,23 | A 60 S BF | 25               | 200          |
| Wm12512    | 125x1,2x22,23 | A 46 S BF | 25               | 200          |
| Wm12516    | 125x1,6x22,23 | A 36 S BF | 25               | 200          |
| Wm12520    | 125x2,0x22,23 | A 30 S BF | 25               | 100          |
| Wm12525    | 125x2,5x22,23 | A 30 S BF | 25               | 100          |
| Wm12530    | 125x3,0x22,23 | A 30 S BF | 25               | 100          |
| Wm12532    | 125x3,2x22,23 | A 30 S BF | 25               | 100          |
| Wm15016    | 150x1,6x22,23 | A 36 S BF | 25               | 75           |
| Wm15020    | 150x2,0x22,23 | A 30 S BF | 25               | 50           |
| Wm15025    | 150x2,5x22,23 | A 30 S BF | 25               | 50           |
| Wm15030    | 150x3,0x22,23 | A 30 S BF | 25               | 50           |
| Wm18016    | 180x1,6x22,23 | A 36 S BF | 25               | 75           |
| Wm18020    | 180x2,0x22,23 | A 30 S BF | 25               | 50           |
| Wm18025    | 180x2,5x22,23 | A 30 S BF | 25               | 50           |
| Wm18030    | 180x3,0x22,23 | A 30 S BF | 25               | 50           |
| Wm23016    | 230x1,6x22,23 | A 36 S BF | 25               | 25           |
| Wm23019    | 230x1,9x22,23 | A 30 S BF | 25               | 25           |
| Wm23020    | 230x2,0x22,23 | A 30 S BF | 25               | 25           |
| Wm23025    | 230x2,5x22,23 | A 30 S BF | 25               | 25           |
| Wm23030    | 230x3,0x22,23 | A 30 S BF | 25               | 25           |
| Wm23032    | 230x3,2x22,23 | A 30 S BF | 25               | 25           |
| Wm30030/20 | 300x3,0x20    | A 24 P BF | 15               | 15           |
| Wm30030    | 300x3,0x32    | A 24 P BF | 15               | 15           |
| Wm35030    | 350x3,0x25,4  | A 24 P BF | 15               | 15           |
| Wm35535    | 355x3,5x25,4  | A 24 P BF | 15               | 15           |
| Wm40035    | 400x3,5x32    | A 24 P BF | 10               | 15           |



Type 41



Type 42



Stainless steel



Steel





### CUT-OFF WHEELS FOR STONE / TYPE 41, 42

NovoAbrasive cut-off wheels for stone are designed to work with bricks, concrete, stone tiles. The wheels are made of black silicon carbide.



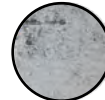
| Item No. | Dimension, mm | Marking   | QTY/PVC set, pcs | QTY/box, pcs |
|----------|---------------|-----------|------------------|--------------|
| Ws11520  | 115x2,0x22,23 | C 36 R BF | 25               | 100          |
| Ws11525  | 115x2,5x22,23 | C 24 R BF | 25               | 100          |
| Ws11530  | 115x3,0x22,23 | C 24 R BF | 25               | 100          |
| Ws12520  | 125x2,0x22,23 | C 36 R BF | 25               | 100          |
| Ws12525  | 125x2,5x22,23 | C 24 R BF | 25               | 100          |
| Ws12530  | 125x3,0x22,23 | C 24 R BF | 25               | 100          |
| Ws15020  | 150x2,0x22,23 | C 36 R BF | 25               | 50           |
| Ws15025  | 150x2,5x22,23 | C 24 R BF | 25               | 50           |
| Ws15030  | 150x3,0x22,23 | C 24 R BF | 25               | 50           |
| Ws18020  | 180x2,0x22,23 | C 36 R BF | 25               | 50           |
| Ws18025  | 180x2,5x22,23 | C 24 R BF | 25               | 50           |
| Ws18030  | 180x3,0x22,23 | C 24 R BF | 25               | 50           |
| Ws23020  | 230x2,0x22,23 | C 36 R BF | 25               | 25           |
| Ws23025  | 230x2,5x22,23 | C 24 R BF | 25               | 25           |
| Ws23030  | 230x3,0x22,23 | C 24 R BF | 25               | 25           |



Brick



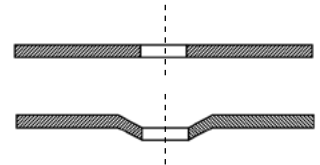
Natural stone



Concrete

**Type 41**

**Type 42**



### GRINDING WHEELS / TYPE 1, 27

NovoAbrasive grinding wheels are designed for all types of grinding, removing excess materials, cleaning welds, burrs. These wheels are made of the brown aluminum oxide.



| Item No.      | Dimension, mm     | Marking   | QTY/PVC set, pcs | QTY/box, pcs |
|---------------|-------------------|-----------|------------------|--------------|
| Wg27/11560/80 | 115x6,0/8,0x22,23 | A 24 R BF | 10               | 40           |
| Wg27/12560/80 | 125x6,0/8,0x22,23 | A 24 R BF | 10               | 40           |
| Wg27/15060/80 | 150x6,0/8,0x22,23 | A 24 R BF | 10               | 20           |
| Wg27/18060/80 | 180x6,0/8,0x22,23 | A 24 R BF | 10               | 20           |
| Wg27/23060/80 | 230x6,0/8,0x22,23 | A 24 R BF | 10               | 10           |



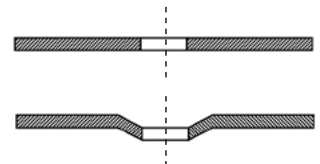
Stainless steel



steel

**Type 1**

**Type 27**











## SPECIAL SERIES FOR CUTTING RAILS

Novovodolazkyi Abrasive Plant offers a special series of cutting-off wheels for cutting rails. The products are characterized by high capacity.

### CUT-OFF WHEELS FOR RAILS/TYPE 41

The soft version of disks makes it possible to perform cutting operations quickly and efficiently. The cut material is hardened steel.



| Item No. | Dimension, mm | Marking   | MAX speed, m/s (rpm) | QTY/PVC set, pcs | QTY/box, pcs |
|----------|---------------|-----------|----------------------|------------------|--------------|
| Wm35035R | 350x3,5x25,4  | A 24 N BF | 100 (5500)           | 15               | 15           |
| Wm40035R | 400x3,5x32    | A 24 N BF | 100 (4800)           | 10               | 10           |

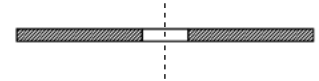


Rails



Steel

#### Type 41



## «HETMAN» ABRASIVE WHEELS

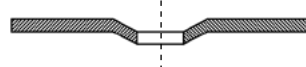
Novovodolazkyi Abrasive Plant also offers an "Econom" series of cutting-off and grinding wheels for metal. The products are characterized by lower price.



#### Type 41



#### Type 27



Stainless steel



Steel

| Item No.                  | Dimension, mm | Marking   | QTY/PVC set, pcs | QTY/box, pcs |
|---------------------------|---------------|-----------|------------------|--------------|
| <b>Cutting-off wheels</b> |               |           |                  |              |
| HMCD1152210               | 115x1,0x22,23 | A 60 S BF | 25               | 200          |
| HMCD1152212               | 115x1,2x22,23 | A 46 S BF | 25               | 200          |
| HMCD1152216               | 115x1,6x22,23 | A 36 S BF | 25               | 200          |
| HMCD1152220               | 115x2,0x22,23 | A 30 S BF | 25               | 100          |
| HMCD1152225               | 115x2,5x22,23 | A 30 S BF | 25               | 100          |
| HMCD1152230               | 115x3,0x22,23 | A 30 S BF | 25               | 100          |
| HMCD1252210               | 125x1,0x22,23 | A 60 S BF | 25               | 200          |
| HMCD1252212               | 125x1,2x22,23 | A 46 S BF | 25               | 200          |
| HMCD1252216               | 125x1,6x22,23 | A 36 S BF | 25               | 200          |
| HMCD1252220               | 125x2,0x22,23 | A 30 S BF | 25               | 100          |
| HMCD1252225               | 125x2,5x22,23 | A 30 S BF | 25               | 100          |
| HMCD1502216               | 150x1,6x22,23 | A 36 S BF | 25               | 75           |
| HMCD1502220               | 150x2,0x22,23 | A 30 S BF | 25               | 50           |
| HMCD1802216               | 180x1,6x22,23 | A 36 S BF | 25               | 75           |
| HMCD1802220               | 180x2,0x22,23 | A 30 S BF | 25               | 50           |
| HMCD2302218               | 230x1,8x22,23 | A 30 S BF | 25               | 25           |
| HMCD2302220               | 230x2,0x22,23 | A 30 S BF | 25               | 25           |
| HMCD2302225               | 230x2,5x22,23 | A 30 S BF | 25               | 25           |
| <b>Grinding wheels</b>    |               |           |                  |              |
| HMCD271252260             | 125x6,0x22,23 | A 24 R BF | 10               | 40           |
| HMCD272302260             | 230x6,0x22,23 | A 24 R BF | 10               | 10           |





**FLAP DISCS**





Metabo  
Abrasive

Standard

Metabo  
Abrasive

Standard

60 m/s  
max rpm 12200/min



125x22,2 mm

Metan



СЪЕБНИЦА / FLAP DISC

Metabo - Единица за продажба  
с адрес: Българска фирма  
1113 София, България

metabo.com





## «NOVOABRASIVE» FLAP DISCS

The flap discs are available of convex and flat shape (Type 29, Type 27). They are required for performance of the most various grinding works on metal: removal of rust, burrs, dressing welds, removal of paints and varnishes, machining metal surfaces. Such tools are characterized by silent operation, uniformity of grinding, high capacity and durable surface life.

### FLAP DISCS

### «EXTREME»

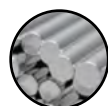
**«Extreme» series:** series for stainless steel; the abrasive material of the flaps is manufactured of zirconia aluminum.  
**Material:** stainless steel, steel, metal.



Stainless steel



Metal

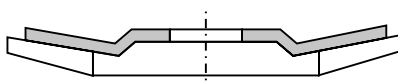


Steel



#### Type 29

#### EN13743



| Item No. | Dimension, mm | Grain | Type | QTY/box, pcs |
|----------|---------------|-------|------|--------------|
| NE40125  | 125x22.2      | 40    | T29  | 10           |
| NE60125  | 125x22.2      | 60    | T29  | 10           |
| NE80125  | 125x22.2      | 80    | T29  | 10           |
| NE120125 | 125x22.2      | 120   | T29  | 15           |





### «PROFI» FLAP DISCS



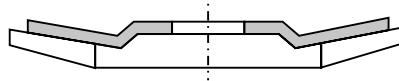
**«Profi» series:** professional series; the abrasive material of the flaps is manufactured of fused corundum (aluminum oxide).  
**Material:** steel, metal.



Metal



Steel



T29

EN13743

| Item No. | Dimension, mm | Grain | Type | QTY/box, pcs |
|----------|---------------|-------|------|--------------|
| NP40125  | 125x22.2      | 40    | T29  | 10           |
| NP60125  | 125x22.2      | 60    | T29  | 10           |
| NP80125  | 125x22.2      | 80    | T29  | 10           |
| NP120125 | 125x22.2      | 120   | T29  | 15           |

### «STANDARD» FLAP DISCS



**«Standard» series:** household series; the abrasive material of the flaps is manufactured of fused corundum (aluminum oxide).  
**Material:** steel, metal, wood.



Metal



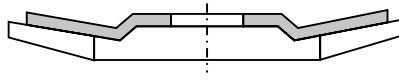
Steel



Wood



T27



T29

EN13743

| Item No.       | Dimension, mm | Grain | Type    | QTY/box, pcs |
|----------------|---------------|-------|---------|--------------|
| NS27/ 2936125  | 125x22.2      | 36    | T27/T29 | 10           |
| NS27/ 2940125  | 125x22.2      | 40    | T27/T29 | 10           |
| NS27/ 2960125  | 125x22.2      | 60    | T27/T29 | 10           |
| NS27/ 2980125  | 125x22.2      | 80    | T27/T29 | 10           |
| NS27/ 29100125 | 125x22.2      | 100   | T27/T29 | 15           |
| NS27/ 29120125 | 125x22.2      | 120   | T27/T29 | 15           |



**NovoTools<sup>®</sup>**

**DIAMOND BLADES**





Novolot

125 mm

DIAMOND

Max speed: 1700 rpm

Segment: 7 mm

125 mm

building  
concrete  
products



## «NOVOTOOLS» DIAMOND BLADES

The diamond tools are used for performance of the most various construction works: sawing openings in ceilings and walls, cutting joints in reinforced concrete, ripping up pavement, cutting joints in asphalt during road repair, dressing out cracks. The wear resistance and durability of the diamond wheels depends on correct choice of one or another kind of wheel for performance of particular kind of works.

We present a series of «NovoTools» high-quality European diamond tools: «Professional», «Standard» and «Basic».



### DIAMOND BLADES

### «PROFESSIONAL»

«Novotools Professional» is a professional series of wheels with diamond layer segment of 10 mm for dry and wet cutting: concrete, bricks, shingle, granite (Turbo, Segmented) and ceramics, tiles, slate, marble (Continuous). Hot baking technology. Excellent cutting speed. They are ideal for deep cutting of concrete and irreplaceable for clean cutting of ceramic tiles or other-type tiles.

These products are packed in color cardboard packaging.

The diamond wheels are manufactured according to standard EN 13236.



### PROFESSIONAL TURBO

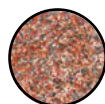
| Item No. | Dimension, mm | Segment, mm | Type  | Maximum speed, m/s (rpm) | QTY/box, pcs |
|----------|---------------|-------------|-------|--------------------------|--------------|
| DBP125/T | 125x22.23     | 10          | Turbo | 80 (12000)               | 100          |
| DBP230/T | 230x22.23     | 10          | Turbo | 80 (6600)                | 25           |



Building Materials



Concrete Products



Granite



Natural stone





### DIAMOND BLADES

«STANDARD»

«Novotools Standard» are diamond wheels with diamond layer segment of 7 mm (Turbo, Segmented) and with diamond layer segment of 5 mm (Continuous). This is a universal series for general construction works, has good capacity and optimum service life. Suitable for dry and wet cutting: concrete, bricks, stone (Turbo, Segmented) and shingle, slate, granite, ceramics (Continuous).

These products are packed in color cardboard packaging.

The diamond wheels are manufactured according to standard EN 13236.



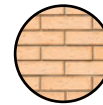
| STANDARD TURBO |               |             |       |                          |              |
|----------------|---------------|-------------|-------|--------------------------|--------------|
| Item No.       | Dimension, mm | Segment, mm | Type  | Maximum speed, m/s (rpm) | QTY/box, pcs |
| DBS115/T       | 115x22.23     | 7           | Turbo | 80 (13200)               | 100          |
| DBS125/T       | 125x22.23     | 7           | Turbo | 80 (12000)               | 100          |
| DBS18520/T     | 185x20x2.5    | 7           | Turbo | 80 (8500)                | 50           |
| DBS230/T       | 230x22.23     | 7           | Turbo | 80 (6600)                | 25           |
| DBS23025/T     | 230x25.4x2.0  | 7           | Turbo | 80 (6600)                | 25           |
| DBS30020/T     | 300x20        | 7           | Turbo | 100 (6400)               | 10           |
| DBS35525/T     | 355x25.4x3.0  | 7           | Turbo | 100 (5400)               | 10           |



Building Materials



Concrete Products



Brick

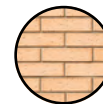
| STANDARD SEGMENTED |               |             |           |                          |              |
|--------------------|---------------|-------------|-----------|--------------------------|--------------|
| Item No.           | Dimension, mm | Segment, mm | Type      | Maximum speed, m/s (rpm) | QTY/box, pcs |
| DBS115/S           | 115x22.23     | 7           | Segmented | 80 (13200)               | 100          |
| DBS125/S           | 125x22.23     | 7           | Segmented | 80 (12000)               | 100          |
| DBS230/S           | 230x22.23     | 7           | Segmented | 80 (6600)                | 25           |
| DBS30020/S         | 300x20        | 7           | Segmented | 100 (6400)               | 10           |
| DBS305/S           | 305x22.23x2.5 | 7           | Segmented | 100 (5400)               | 10           |



Building Materials



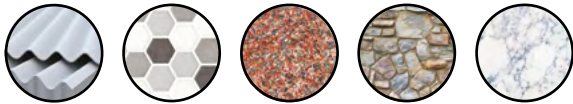
Concrete Products



Brick



| STANDARD CONTINUOUS |               |             |            |                          |              |
|---------------------|---------------|-------------|------------|--------------------------|--------------|
| Item No.            | Dimension, mm | Segment, mm | Type       | Maximum speed, m/s (rpm) | QTY/box, pcs |
| DBS115/C            | 115x22.23     | 5           | Continuous | 80 (13200)               | 100          |
| DBS125/C            | 125x22.23     | 5           | Continuous | 80 (12000)               | 100          |
| DBS21025/C          | 210x25.4x2.0  | 5           | Continuous | 80 (6600)                | 25           |
| DBS230/C            | 230x22.23     | 5           | Continuous | 80 (6600)                | 25           |
| DBS25525/C          | 255x25.4x2.0  | 5           | Continuous | 80 (6600)                | 25           |



Slate All Tiles Granite Natural stone Marble



### DIAMOND BLADES

«BASIC»

«Novotools Basic» are diamond wheels for household usage with diamond layer segment of 7 mm (Turbo Wave, Segmented) and with diamond layer segment of 5 mm (Continuous). They are designed for dry and wet cutting of standard construction materials: concrete, bricks, stone (Turbo Wave, Segmented) and tiles, shingle, slate (Continuous). Excellent choice for simple works. The products are packed in color cardboard packaging. They are manufactured according to standard EN 13236.





### BASIC TURBO WAVE

| Item No.  | Dimension, mm | Segment, mm | Type       | Maximum speed, m/s (rpm) | QTY/box, pcs |
|-----------|---------------|-------------|------------|--------------------------|--------------|
| DBB115/TW | 115x22.23     | 7           | Turbo Wave | 80 (13200)               | 100          |
| DBB125/TW | 125x22.23     | 7           | Turbo Wave | 80 (12000)               | 100          |
| DBB150/TW | 150x22.23     | 7           | Turbo Wave | 80 (10200)               | 50           |
| DBB180/TW | 180x22.23     | 7           | Turbo Wave | 80 (8500)                | 50           |
| DBB230/TW | 230x22.23     | 7           | Turbo Wave | 80 (6600)                | 25           |



Building Materials



Concrete Products



Brick

### BASIC SEGMENTED

| Item No. | Dimension, mm | Segment, mm | Type      | Maximum speed, m/s (rpm) | QTY/box, pcs |
|----------|---------------|-------------|-----------|--------------------------|--------------|
| DBB115/S | 115x22.23     | 7           | Segmented | 80 (13200)               | 100          |
| DBB125/S | 125x22.23     | 7           | Segmented | 80 (12000)               | 100          |
| DBB150/S | 150x22.23     | 7           | Segmented | 80 (10200)               | 50           |
| DBB180/S | 180x22.23     | 7           | Segmented | 80 (8500)                | 50           |
| DBB230/S | 230x22.23     | 7           | Segmented | 80 (6600)                | 25           |



Building Materials



Concrete Products



Brick

### BASIC CONTINUOUS

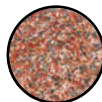
| Item No. | Dimension, mm | Segment, mm | Type       | Maximum speed, m/s (rpm) | QTY/box, pcs |
|----------|---------------|-------------|------------|--------------------------|--------------|
| DBB115/C | 115x22.23     | 5           | Continuous | 80 (13200)               | 100          |
| DBB125/C | 125x22.23     | 5           | Continuous | 80 (12000)               | 100          |
| DBB150/C | 150x22.23     | 5           | Continuous | 80 (10200)               | 50           |
| DBB180/C | 180x22.23     | 5           | Continuous | 80 (8500)                | 50           |
| DBB230/C | 230x22.23     | 5           | Continuous | 80 (6600)                | 25           |



Slate



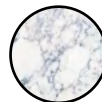
All Tiles



Granite



Natural stone



Marble

## DIAMOND GRINDING WHEELS (DOUBLE ROW)

A professional choice of grinding wheels with double row of grinding diamond grains for increased capacity.

For wet and dry grinding and polishing of concrete, granite, stone and bricks.



| Item No.  | Dimension, mm | Segment, mm | Quantity of rows | Maximum speed, m/s (rpm) | QTY/box, pcs |
|-----------|---------------|-------------|------------------|--------------------------|--------------|
| NTDDGW125 | 125x22.23     | 7           | 2                | 80 (12000)               | 20           |
| NTPDGW125 | 125x22.23     | 7           | 2                | 80 (12000)               | 20           |



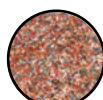
Brick



Concrete Products



Natural stone



Granite



### COMPARATIVE TESTING OF DIFFERENT SERIES WHEELS

#### TYPE: TURBO

Data for cutting concrete: cutting depth: 4 cm, cutting length: 50 cm.  
Tool: 2.5 kW angle grinder, 230 mm diamond wheel.

#### 1 CAPACITY

| Item No.  | Series   | Capacity, cm/min |
|-----------|----------|------------------|
| DBP230/T  | Profi    | 167              |
| DBS230/T  | Standard | 114              |
| DBB230/TW | Basic    | 91               |

#### 2 LIFE CYCLE

| Item No.  | Series   | Capacity, cm/min |
|-----------|----------|------------------|
| DBP230/T  | Profi    | 255              |
| DBS230/T  | Standard | 175              |
| DBB230/TW | Basic    | 135              |

#### 3 CUTTING TIME

| Item No.  | Series   | Capacity, cm/min |
|-----------|----------|------------------|
| DBP230/T  | Profi    | 17,5             |
| DBS230/T  | Standard | 26               |
| DBB230/TW | Basic    | 32               |

#### TYPE: SEGMENTED

Data for cutting concrete: cutting depth: 4 cm, cutting length: 50 cm.  
Tool: 2.5 kW angle grinder, 230 mm diamond wheel.

#### 1 CAPACITY

| Item No. | Series   | Capacity, cm/min |
|----------|----------|------------------|
| DBP230/S | Profi    | 122              |
| DBS230/S | Standard | 98               |
| DBB230/S | Basic    | 81               |

#### 2 LIFE CYCLE

| Item No. | Series   | Capacity, cm/min |
|----------|----------|------------------|
| DBP230/S | Profi    | 250              |
| DBS230/S | Standard | 170              |
| DBB230/S | Basic    | 128              |

#### 3 CUTTING TIME

| Item No. | Series   | Capacity, cm/min |
|----------|----------|------------------|
| DBP230/S | Profi    | 24               |
| DBS230/S | Standard | 30               |
| DBB230/S | Basic    | 36               |

## TYPE: CONTINUOUS

Data for cutting tiles: cutting depth: 11 cm, cutting length: 30 cm.  
Tool: 0.7 kW tile cutter, 230 mm diamond wheel.

# 1

### CAPACITY

| Item No. | Series   | Capacity, cm/min |
|----------|----------|------------------|
| DBP230/C | Profi    | 276              |
| DBS230/C | Standard | 180              |
| DBB230/C | Basic    | 128              |

# 2

### LIFE CYCLE

| Item No. | Series   | Capacity, cm/min |
|----------|----------|------------------|
| DBP230/C | Profi    | 2050             |
| DBS230/C | Standard | 650              |
| DBB230/C | Basic    | 520              |

# 3

### CUTTING TIME

| Item No. | Series   | Capacity, cm/min |
|----------|----------|------------------|
| DBP230/C | Profi    | 6,5              |
| DBS230/C | Standard | 10               |
| DBB230/C | Basic    | 14               |







**TURBO**

**PRECISE & DURABLE**

Segment: 7 mm

Max speed: 12000 RPM

80 m/s

General purpose:



Building Materials,  
Concrete Products

EN 13236

Segment: 7 mm  
m/s



**NovoTools<sup>®</sup>**

**CIRCULAR SAW  
BLADES**



**NovoTools**<sup>®</sup>

novotools.eu

**Standard**



**Max Speed:  
8000 RPM**

**FOR WOOD**

**180 x 32 mm**

**48T**

**Item code:  
NTSSB48180**

**TCT SAW BLADE**





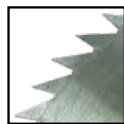
### «NOVOTOOLS» CIRCULAR SAW BLADES

The circular saw blades (circular saws) are tools, applied for work with wood, especially when clean sawing of wooden panel is required.

#### CIRCULAR SAW BLADES

#### «STANDARD»

The Standard series is a high-quality series for household usage. It is manufactured of hardened steel, characterized by a variety of blades. Saw teeth are with blazed areas of tungsten carbide. Special holes – for cooling blades during operation. Application: longitudinal (recommended) and transverse sawing of soft and hard wood. The blades are manufactured according to standards RoHS and EN847-1. The products are packed in color blister packaging, all the blades are complete with adaptor rings for use on different units.



no TCT



with TCT



for laminate



| Item No.  | Dimension, mm | Quantity of teeth, pcs | Material | Maximum speed, (rpm) | QTY/box, pcs |
|-----------|---------------|------------------------|----------|----------------------|--------------|
| WS24115   | 115x22.23     | 24                     | Wood     | 14000                | 100          |
| WS40115   | 115x22.23     | 40                     | Wood     | 14000                | 100          |
| WS48115   | 115x22.23     | 48                     | Wood     | 14000                | 100          |
| WS24125   | 125x22.23     | 24                     | Wood     | 12000                | 100          |
| WS40125   | 125x22.23     | 40                     | Wood     | 12000                | 100          |
| WS48125   | 125x22.23     | 48                     | Wood     | 12000                | 100          |
| WS24150   | 150x22.23     | 24                     | Wood     | 10000                | 50           |
| WS30150   | 150x22.23     | 30                     | Wood     | 10000                | 50           |
| WS2416020 | 160x20        | 24                     | Wood     | 9500                 | 50           |
| WS3616020 | 160x20        | 36                     | Wood     | 9500                 | 50           |
| WS4816020 | 160x20        | 48                     | Wood     | 9500                 | 50           |
| WS24165   | 165x20        | 24                     | Wood     | 9500                 | 50           |
| WS36165   | 165x20        | 36                     | Wood     | 9500                 | 50           |
| WS48165   | 165x20        | 48                     | Wood     | 9500                 | 50           |
| WS2416032 | 160x32        | 24                     | Wood     | 9500                 | 50           |
| WS3616032 | 160x32        | 36                     | Wood     | 9500                 | 50           |
| WS4816032 | 160x32        | 48                     | Wood     | 9500                 | 50           |



| Item No.   | Dimension, mm | Quantity of teeth, pcs | Material | Maximum speed, m/s (rpm) | QTY/box, pcs |
|------------|---------------|------------------------|----------|--------------------------|--------------|
| WS21180    | 180x22.23     | 21                     | Wood     | 8000                     | 50           |
| WS24180    | 180x22.23     | 24                     | Wood     | 8000                     | 50           |
| WS30180    | 180x22.23     | 30                     | Wood     | 8000                     | 50           |
| WS36180    | 180x32        | 36                     | Wood     | 8000                     | 50           |
| WS48180    | 180x32        | 48                     | Wood     | 8000                     | 50           |
| WS3018032  | 180x32        | 30                     | Wood     | 8000                     | 50           |
| WS20185    | 185x20        | 20                     | Wood     | 8000                     | 50           |
| WS36185    | 185x20        | 36                     | Laminate | 8000                     | 50           |
| WS40185    | 185x20        | 40                     | Wood     | 8000                     | 50           |
| WS48185    | 185x20        | 48                     | Laminate | 8000                     | 50           |
| WS2419020  | 190x20        | 24                     | Laminate | 7800                     | 50           |
| WS24190301 | 190x30        | 24                     | Laminate | 7800                     | 50           |
| WS2419030  | 190x30        | 24                     | Wood     | 7800                     | 50           |
| WS32190    | 190x30        | 32                     | Wood     | 7800                     | 50           |
| WS40190    | 190x30        | 40                     | Wood     | 7800                     | 50           |
| WS2420030  | 200x30        | 24                     | Wood     | 7000                     | 50           |
| WS24200    | 200x32        | 24                     | Wood     | 7000                     | 50           |
| WS40200    | 200x32        | 40                     | Wood     | 7000                     | 50           |
| WS48200    | 200x32        | 48                     | Laminate | 7000                     | 50           |
| WS60200    | 200x32        | 60                     | Wood     | 7000                     | 50           |
| WS24205    | 205x30        | 24                     | Wood     | 7000                     | 50           |
| WS40205    | 205x30        | 40                     | Wood     | 7000                     | 50           |
| WS24210    | 210x30        | 24                     | Wood     | 7000                     | 50           |
| WS24216    | 216x30        | 24                     | Wood     | 7000                     | 50           |
| WS40230    | 230x22.23     | 40                     | Wood     | 6500                     | 50           |
| WS60230    | 230x22.23     | 60                     | Wood     | 6500                     | 50           |
| WS24250    | 250x32        | 24                     | Wood     | 6000                     | 50           |
| WS40250    | 250x32        | 40                     | Wood     | 6000                     | 50           |
| WS60250    | 250x32        | 60                     | Wood     | 6000                     | 50           |
| WS40254    | 254x30        | 40                     | Laminate | 6000                     | 50           |
| WS60254    | 254x30        | 60                     | Laminate | 6000                     | 50           |
| WS24300    | 300x32        | 24                     | Wood     | 5000                     | 10           |
| WS30300    | 300x32        | 30                     | Wood     | 5000                     | 10           |
| WS36300    | 300x32        | 36                     | Wood     | 5000                     | 10           |
| WS48300    | 300x32        | 48                     | Wood     | 5000                     | 50           |
| WS60300    | 300x32        | 60                     | Wood     | 5000                     | 10           |
| WS2435032  | 350x32        | 24                     | Wood     | 4300                     | 10           |
| WS4835032  | 350x32        | 48                     | Wood     | 4300                     | 10           |
| WS2435050  | 350x50        | 24                     | Wood     | 4300                     | 10           |
| WS4835050  | 350x50        | 48                     | Wood     | 4300                     | 10           |
| WS2440032  | 400x32        | 24                     | Wood     | 3800                     | 5            |
| WS4040032  | 400x32        | 40                     | Wood     | 3800                     | 5            |
| WS7240032  | 400x32        | 72                     | Wood     | 3800                     | 5            |
| WS2440050  | 400x50        | 24                     | Wood     | 3800                     | 5            |
| WS4040050  | 400x50        | 40                     | Wood     | 3800                     | 5            |
| WS7240050  | 400x50        | 72                     | Wood     | 3800                     | 5            |

**NovoTools<sup>®</sup>**

**BRUSHES**





NovoTools®

The image shows two industrial brushes with yellow handles and metal bristles. The brush on the right has a yellow handle with the brand name 'NovoTools®' printed on it. The brush on the left has a yellow handle and dark metal bristles. The brush on the right has a yellow handle and gold-colored metal bristles. The brushes are positioned against a light-colored metal surface.





## «NOVOTOOLS» BRUSHES

Brush tool is a right choice for cleaning surfaces, polishing, rust and paint removal, weld cleaning and other works. Used with angle grinders and drills, suitable for working with metal, plastic, wood and concrete materials. We offer a full range of high-quality brushes, designed specifically both for domestic cleaning and more complicated tasks.

### CRIMPED WIRE CUP BRUSH, BRASS-COATED

Brushes are made of crimped brass-coated wire of 0.3 mm diameter. Used for large surface treatment, accurate work, when careful treatment of the surface is necessary: paint, rust and contaminants removal, polishing.

**Thread: M14x2**

| Item No.    | Diameter, mm | QTY/box, pcs |
|-------------|--------------|--------------|
| NTWB6514BC  | 65           | 80           |
| NTWB7514BC  | 75           | 80           |
| NTWB8514BC  | 85           | 80           |
| NTWB10014BC | 100          | 40           |
| NTWB12514BC | 125          | 30           |



### TWIST KNOTTED WIRE CUP BRUSH, STEEL

Brushes are made of twist knotted steel wire of 0.5 mm diameter. Used for a rough, heavy work with concrete remains, paint, rust removal, for preparing metal surfaces for painting.

**Thread: M14x2**

| Item No.    | Diameter, mm | QTY/box, pcs |
|-------------|--------------|--------------|
| NTWB6514ST  | 65           | 80           |
| NTWB7514ST  | 75           | 80           |
| NTWB8514ST  | 85           | 80           |
| NTWB10014ST | 100          | 40           |
| NTWB12514ST | 125          | 30           |





### TWIST KNOTTED WIRE CUP BRUSH WITH METAL RING, STEEL



Brushes are made of twist knotted steel wire of 0.5 mm diameter. Used for a surface treatment of hard-to-reach places. Increased wear resistance. The brush is enhanced by metal ring.

#### Thread: M14x2

| Item No.     | Diameter, mm | QTY/box, pcs |
|--------------|--------------|--------------|
| NTWB6514STS  | 65           | 60           |
| NTWB7514STS  | 75           | 40           |
| NTWB9014STS  | 90           | 40           |
| NTWB10014STS | 100          | 30           |

### CRIMPED WIRE BEVEL BRUSH, BRASS-COATED



Brushes are made of crimped brass-coated wire of 0.3 mm diameter. Used for a surface treatment of hard-to-reach places.

#### Thread: M14x2

| Item No.     | Diameter, mm | QTY/box, pcs |
|--------------|--------------|--------------|
| NTBWB10014BC | 100          | 80           |
| NTBWB11514BC | 115          | 60           |
| NTBWB12514BC | 125          | 60           |

### TWIST KNOTTED WIRE BEVEL BRUSH, STEEL



Brushes are made of twist knotted steel wire of 0.5 mm diameter. Used for a surface treatment of hard-to-reach places. Increased wear resistance.

#### Thread: M14x2

| Item No.      | Diameter, mm | QTY/box, pcs |
|---------------|--------------|--------------|
| NTBWBB10014ST | 100          | 80           |
| NTBWBB11514ST | 115          | 60           |
| NTBWBB12514ST | 125          | 60           |

### CRIMPED WIRE WHEEL BRUSH, BRASS-COATED

Brushes are made of crimped brass-coated wire of 0.3 mm diameter. Used for a large surface treatment, accurate work, when careful treatment of the surface is necessary: paint, rust and contaminants removal, polishing.

Rings for different bore size are available.

**Thread: 22.23 mm**

**Thickness: 20 mm**

| Item No.     | Diameter, mm | Type   | QTY/box, pcs |
|--------------|--------------|--------|--------------|
| NTWWB12522BC | 125          | single | 60           |
| NTWWB15022BC | 150          | single | 40           |
| NTWWB17522BC | 175          | single | 20           |
| NTWWB20022BC | 200          | single | 20           |



### CRIMPED WIRE DOUBLE WHEEL BRUSH, BRASS-COATED

Brushes are made of crimped brass-coated double wire of 0.3 mm diameter. Used for a large surface treatment, accurate work, when careful treatment of the surface is necessary: paint, rust and contaminants removal, polishing.

Rings for different bore size are available.

**Thread: 22.23 mm**

**Thickness: 40 mm**

| Item No.      | Diameter, mm | Type   | QTY/box, pcs |
|---------------|--------------|--------|--------------|
| NTDWWB15022BC | 150          | double | 40           |
| NTDWWB17522BC | 175          | double | 20           |
| NTDWWB20022BC | 200          | double | 20           |



### TWIST KNOTTED WIRE WHEEL BRUSH, STEEL

Brushes are made of twist knotted steel wire of 0.5 mm diameter. Used for a large surface treatment, accurate work, when careful treatment of the surface is necessary: paint, rust and contaminants removal, polishing.

**Thread: 22.23, 32 mm**

| Item No.     | Diameter, mm | QTY/box, pcs |
|--------------|--------------|--------------|
| NTWWB10022ST | 100          | 80           |
| NTWWB11522ST | 115          | 40           |
| NTWWB12522ST | 125          | 40           |
| NTWWB15032ST | 150          | 40           |
| NTWWB15022ST | 150          | 40           |
| NTWWB17522ST | 175          | 20           |
| NTWWB20022ST | 200          | 20           |





### CRIMPED WIRE CUP BRUSH FOR DRILLS, BRASS-COATED



Brushes are made of crimped brass-coated wire of 0.3 mm diameter. Used for a surface treatment of hard-to-reach places.

Increased wear resistance. For drills.

**Thread: spindle 6 mm**

| Item No.    | Diameter, mm | QTY/box, pcs |
|-------------|--------------|--------------|
| NTWSB756BCS | 75           | 150          |

### TWIST KNOTTED WIRE CUP BRUSH FOR DRILLS, STEEL



Brushes are made of twist knotted steel wire of 0.5 mm diameter. Used for a surface treatment of hard-to-reach places.

Increased wear resistance. For drills.

**Thread: spindle 6 mm**

| Item No.    | Diameter, mm | QTY/box, pcs |
|-------------|--------------|--------------|
| NTWSB756STS | 75           | 90           |

### SET OF CRIMPED WIRE WHEEL AND CUP BRUSHES, BRASS-COATED



Set of 6 wire brushes for drills. Brushes are made of crimped brass-coated wire of 0.3 mm diameter. This set includes 5 wire wheel brushes and 1 wire cup brush. Used for a large surface treatment, accurate work, when careful treatment of the surface is necessary: paint, rust and contaminants removal, polishing.

**Thread: spindle 6 mm**

| Item No.           | Diameter, mm          | QTY/box, pcs |
|--------------------|-----------------------|--------------|
| NTBWB38506375BCS/6 | 2 pcs. x 38           | 48           |
|                    | 1 pcs. x 50           |              |
|                    | 1 pcs. x 63           |              |
|                    | 1 pcs. x 75           |              |
|                    | 1 pcs. cup brush x 50 |              |

## SET OF WIRE BRUSHES FOR DRILLS, STEEL

Set of 4 steel wire brushes for drills: 1x wire wheel brush, 1x wire cup brush, 1x spiral brush, 1x end brush. Brushes are made of steel wire of 0.3 mm diameter. Universal brush set, used for large surface and for recessed holes and rounded areas treatment.

**Thread: 6 mm**

| Item No.  | Brush length, mm        | QTY/box, pcs |
|-----------|-------------------------|--------------|
| NTWBSCS/4 | 1 cup brush x 75        | 48           |
|           | 1 wheel brush x 75      |              |
|           | 1 spiral brush x 60x 95 |              |
|           | 1 wheel brush x 25      |              |



## MINI WIRE BRUSH SET WITH HANDLE

Set of 6 mini wire brushes for household needs includes: 2xsteel wire, 2xbrass, 2xnylon. Brushes are designed with comfortable plastic handle and packed in a colorful blister.

| Item No.    | Brush length, mm | QTY/box, pcs |
|-------------|------------------|--------------|
| NTWB17513/6 | 175              | 120          |



## MINI WIRE BRUSH SET WITH HANDLE

Set of 3 mini wire brushes for household needs includes: 1xsteel wire, 1xbrass, 1xnylon. Brushes are designed with comfortable plastic handle and packed in a colorful blister.

| Item No. | Brush length, mm | QTY/box, pcs |
|----------|------------------|--------------|
| NTWB9/3  | 220              | 72           |





### STEEL WIRE BRUSHES, WOODEN HANDLE



Hand tools used for corrosion, contaminants and paint coatings removal from metal and other surfaces. Convenient usage, designed with wooden handle.

| Item No.  | Row numbers | QTY/box, pcs |
|-----------|-------------|--------------|
| NTWB416WH | 4x16        | 120          |
| NTWB516WH | 5x16        | 120          |
| NTWB616WH | 6x16        | 120          |

### STEEL WIRE BRUSHES WITH SCRAPER, WOODEN HANDLE



Hand tools used for corrosion, contaminants and paint coatings removal from metal and other surfaces. Convenient usage, especially while rust removal, designed with wooden handle and metal scraper.

| Item No. | QTY/box, pcs |
|----------|--------------|
| NTWB4SWH | 120          |

### STEEL WIRE BRUSHES, PLASTIC HANDLE



Hand tools used for corrosion, contaminants and paint coatings removal from metal and other surfaces. Convenient usage, designed with plastic ergonomic handle.

| Item No.  | Row numbers | QTY/box, pcs |
|-----------|-------------|--------------|
| NTWB416PH | 4x16        | 120          |
| NTWB516PH | 5x16        | 120          |
| NTWB616PH | 6x16        | 120          |

### STEEL WIRE BRUSHES WITH SCRAPER, PLASTIC HANDLE



Hand tools used for corrosion, contaminants and paint coatings removal from metal and other surfaces. Convenient usage, especially while rust removal, designed with plastic handle and metal scraper.

| Item No. | QTY/box, pcs |
|----------|--------------|
| NTWB4SPH | 120          |

### STEEL WIRE BRUSHES WITH HANDLE, CUSTOM PACKING (BLISTER)

Hand tools used for corrosion, contaminants and paint coatings removal from metal and other surfaces. Convenient usage.



| Item No.   | Row numbers | Handle type | QTY/box, pcs |
|------------|-------------|-------------|--------------|
| NTWB416WHB | 4x16        | Wooden      | 60           |
| NTWB416PHB | 4x16        | Plastic     | 60           |
| NTWBBCB    | 1           | Plastic     | 60           |

### BRASS-COATED WIRE BRUSHES, PLASTIC HANDLE

Hand tools used for corrosion, contaminants and paint coatings removal from metal and other surfaces. Convenient usage, designed with plastic ergonomic handle.



| Item No. | Brush length, mm | Color  | QTY/box, pcs |
|----------|------------------|--------|--------------|
| NTWBBC   | 250              | Yellow | 144          |
| NTWBBCR  | 250              | Red    | 120          |

### HOOK & LOOP BACKING PADS

Velcro backing pads for sanding and fiber discs. Used with angle grinders, the adaptor for drills is included. Quick change of sanding discs.

| Item No.      | Ø, mm | Packaging type | QTY/box, pcs |
|---------------|-------|----------------|--------------|
| NTRVD125142   | 125   | Paper          | 100          |
| NTRVD125142-2 | 125   | Blister        | 100          |







## NOVOVODOLAZKYI ABRASIVE PLANT

144-A, Kharkovskaya st., Novaya Vodolaga,  
Kharkov Region, Ukraine, 63200.

Tel./Fax: +38 (057) 766-36-28

Sales Department: tel.: +38 (099) 0741841

[www.novoabrasive.com](http://www.novoabrasive.com), [info@novoabrasive.com](mailto:info@novoabrasive.com)