

# Novo Abrasive®



Novo Abrasive®  
NovoTools®

2019-20



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## 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

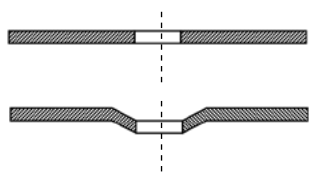


## PROFESSIONAL SERIES OF «NOVOABRASIVE EXTREME» WHEELS

«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 type 27	A 24 R BF	10	10
NAEGD23060/27	230x6,0x22,23 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).

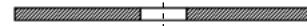
### CUT-OFF WHEELS FOR STEEL AND INOX / TYPE 41, 42

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.

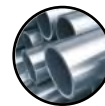
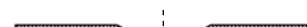
Item No.	Dimension, mm	Marking	QTY/PVC set, pcs	QTY/box, pcs
Wm11508	115x0,8x22,23	A 60 S BF	25	200
Wm11510	115x1,0x22,23	A 60 S BF	25	200
Wm11512	115x1,2x22,23	A 46 S BF	25	200
Wm11516	115x1,6x22,23	A 36 S BF	25	200
Wm11520	115x2,0x22,23	A 30 S BF	25	100
Wm11525	115x2,5x22,23	A 30 S BF	25	100
Wm11530	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.



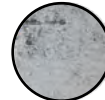
Item No.	Dimension, mm	Marking	QTY/PVC set, pcs	QTY/box, pcs
Ws11520	115x2,0x22,23	C 36 R BF	25	100
Ws11525	115x2,5x22,23	C 24 R BF	25	100
Ws11530	115x3,0x22,23	C 24 R BF	25	100
Ws12520	125x2,0x22,23	C 36 R BF	25	100
Ws12525	125x2,5x22,23	C 24 R BF	25	100
Ws12530	125x3,0x22,23	C 24 R BF	25	100
Ws15020	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



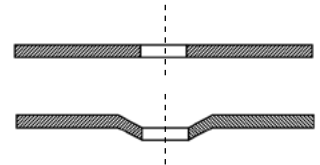
Natural stone



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



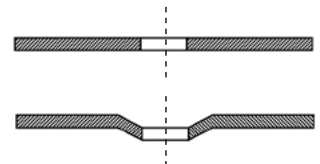
Stainless steel



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.



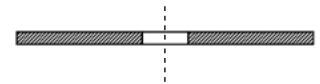
Item No.	Dimension, mm	Marking	MAX speed, m/s (rpm)	QTY/PVC set, pcs	QTY/box, pcs
Wm35035R	350x3,5x25,4	A 24 N BF	100 (5500)	15	15
Wm40035R	400x3,5x32	A 24 N BF	100 (4800)	10	10



Rails

Steel

#### Type 41



## «HETMAN» ABRASIVE WHEELS

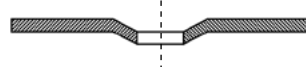
Novovodolazkyi Abrasive Plant also offers an "Econom" series of cutting-off and grinding wheels for metal. The products are characterized by lower price.



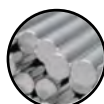
#### Type 41



#### 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



FLAP DISC / FLAP DISC

www.metabo.com

Metabo - Komercijalna d.o.o. 144A  
Brijuni, 61000, Hrvatska  
Tel: +385 91 704-36-28





## «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»

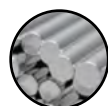
**«Extreme» series:** series for stainless steel; the abrasive material of the flaps is manufactured of zirconia aluminum.  
**Material:** stainless steel, steel, metal.



Stainless steel



Metal

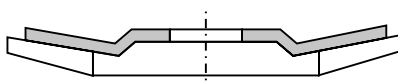


Steel



#### 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



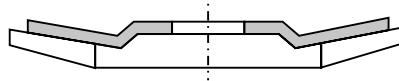
**«Profi» series:** professional series; the abrasive material of the flaps is manufactured of fused corundum (aluminum oxide).  
**Material:** steel, metal.



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

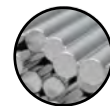
### «STANDARD» FLAP DISCS



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



Metal



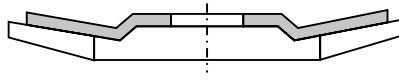
Steel



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**





Novolox

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

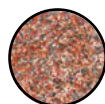
Item No.	Dimension, mm	Segment, mm	Type	Maximum speed, m/s (rpm)	QTY/box, pcs
DBP125/T	125x22.23	10	Turbo	80 (12000)	100
DBP230/T	230x22.23	10	Turbo	80 (6600)	25



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.



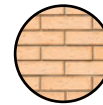
STANDARD TURBO					
Item No.	Dimension, mm	Segment, mm	Type	Maximum speed, m/s (rpm)	QTY/box, pcs
DBS115/T	115x22.23	7	Turbo	80 (13200)	100
DBS125/T	125x22.23	7	Turbo	80 (12000)	100
DBS18520/T	185x20x2.5	7	Turbo	80 (8500)	50
DBS230/T	230x22.23	7	Turbo	80 (6600)	25
DBS23025/T	230x25.4x2.0	7	Turbo	80 (6600)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



Building Materials



Concrete Products



Brick

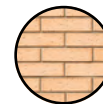
STANDARD SEGMENTED					
Item No.	Dimension, mm	Segment, mm	Type	Maximum speed, m/s (rpm)	QTY/box, pcs
DBS115/S	115x22.23	7	Segmented	80 (13200)	100
DBS125/S	125x22.23	7	Segmented	80 (12000)	100
DBS230/S	230x22.23	7	Segmented	80 (6600)	25
DBS30020/S	300x20	7	Segmented	100 (6400)	10
DBS305/S	305x22.23x2.5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



Building Materials



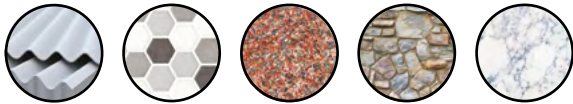
Concrete Products



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

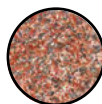
Item No.	Dimension, mm	Segment, mm	Type	Maximum speed, m/s (rpm)	QTY/box, pcs
DBB115/C	115x22.23	5	Continuous	80 (13200)	100
DBB125/C	125x22.23	5	Continuous	80 (12000)	100
DBB150/C	150x22.23	5	Continuous	80 (10200)	50
DBB180/C	180x22.23	5	Continuous	80 (8500)	50
DBB230/C	230x22.23	5	Continuous	80 (6600)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



Slate



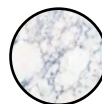
All Tiles



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



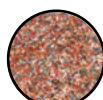
Brick



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





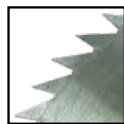
### «NOVOTOOLS» CIRCULAR SAW BLADES

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 left has dark, straight bristles, while the brush on the right has lighter, wavy bristles. The brand name 'NovoTools®' is printed on the yellow handle of the right brush. The brushes are positioned against a metallic surface, likely part of a machine or conveyor system.





## «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

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