

**NovoAbrasive**

EUROPEAN QUALITY. UKRAINIAN STRENGTH.

**2026**

PRODUCT CATALOGUE · UA



MMXXVI · CAT. 2026 · UKRAINE

# Cut./ Grind.

# Work.

17 categories · 466 SKUs of abrasive tools under the NovoAbrasive, NovoTools and WellCut brands. A Ukrainian manufacturer of bonded abrasives — cutting and grinding wheels produced in-house.

MADE IN

**UA**

Nova Vodolaha

PRODUCTION

**30M+**

units / year

CERTIFICATE

**MPA**

Hannover · EN 12413

COUNTRIES

**35+**

worldwide

# Inside.

SKUs · 17 categories · 6 guide pages  
3 series · 3 brands

## PT. 01 Company

01	About NovoAbrasive	intro	<b>03</b>	04	Certifications & Standards	6 certificates	<b>06</b>
02	Manufacturing Process	6 steps	<b>04</b>	05	EXTREME · PROFI · STANDARD Series	comparison	<b>07</b>
03	9-Level Quality Control	9 stages	<b>05</b>	06	Series Economics	upgrade	<b>08</b>

## PT. 02 Products

07	Use Cases — Task to Product	scenarios	<b>10</b>	17	Fibre Discs	10 SKUs	<b>36</b>
08	Welding Seam Workflow	workflow	<b>11</b>	18	Non-Woven Discs	4 SKUs	<b>37</b>
09	Cutting Wheels	140 SKUs	<b>12</b>	19	Velcro Sanding Discs	48 SKUs	<b>38</b>
10	Grinding Wheels	24 SKUs	<b>18</b>	20	Sanding Belts	15 SKUs	<b>40</b>
11	Flap Discs	31 SKUs	<b>21</b>	21	Sanding Rolls	18 SKUs	<b>41</b>
12	Diamond Cutting Discs	40 SKUs	<b>24</b>	22	Sanding Sheets	8 SKUs	<b>42</b>
13	Diamond Grinding Wheels	16 SKUs	<b>27</b>	23	Sanding Mesh	7 SKUs	<b>43</b>
14	Saw Blades	47 SKUs	<b>29</b>	24	Sanding Sponges	10 SKUs	<b>44</b>
15	Hand Wire Brushes	12 SKUs	<b>32</b>	25	Backing Pads	11 SKUs	<b>45</b>
16	Wire Brushes	25 SKUs	<b>34</b>				

## PT. 03 Reference

26	Safe Working Rules	8 rules	<b>46</b>	31	Tool Compatibility	reference	<b>50</b>
27	Packaging & Logistics	standards	<b>47</b>	32	FAQ & Troubleshooting	questions	<b>51</b>
28	Warranty & Returns	terms	<b>48</b>	33	Glossary	terms	<b>52</b>
30	Mistakes & Wear	diagnosis	<b>49</b>	34	Abrasive Basics	reference	<b>53</b>
				29	Contacts & Ordering	5 steps	<b>54</b>





ABOUT · NOVOABRASIVE · SINCE 2012

# Made where it counts. For 35+ countries.

**NovoAbrasive**, founded in 2012 in the Kharkiv region, is a Ukrainian manufacturer of bonded abrasive tools. We produce more than **30 million cutting and grinding wheels** per year on Italian automated equipment using European raw materials. The remaining 15 product categories — diamond, flap, fibre discs, brushes, saw blades and coated abrasives — are made by partner facilities under the NovoAbrasive brand and quality control. Products are exported to **35+ countries**.

## MPA

**NovoAbrasive is one of few Ukrainian manufacturers with MPA Hannover certification** — the German materials testing authority confirming compliance with EN 12413 safety standards. This certification is typically awarded only to European manufacturers.

### 01

Italian technology

### 02

European raw materials

### 03

9-level quality control

### 04

Global logistics

## 30M+

UNITS / YEAR

## 35+

EXPORT COUNTRIES

## 466

SKUS

## 135+

EMPLOYEES

## 50+

PRIVATE LABELS

2012

Founded. Italian equipment installed.

2015

ISO 9001 certification.

2017

FEPA member. Exports to 20+ countries.

2020

Capacity 30M/year. 50+ private labels.

2022

466 SKUs. 17 product categories.

2023

"People's Award of Ukraine" — Abrasive Discs category.

2024

Exports to 35+ countries. 200+ distributors.

2025

"People's Award" — third year running. Industry leader.



PROCESS · FROM RAW MATERIAL TO FINISHED PRODUCT

# Six steps — one quality.

6 STAGES

30M+ units/yr

The plant in **Nova Vodolaha, Kharkiv region**, runs on **Italian automated production lines** from Davide Maternini S.p.A. and Abrapress S.r.l. Every stage — from raw material intake to final packaging — follows European manufacturing protocols.

## RAW MATERIALS AND SUPPLIERS

**Abrasive grain**Aluminium oxide,  
zirconium, ceramic

UKRAINE · CHINA

**Resins**Phenol-formaldehyde  
binders

GERMANY

**Glass fabric**

Reinforcing mesh layers

POLAND · SLOVAKIA  
· CHINA**Backings**Paper, cloth, hook-and-  
loop pads

TURKEY · CHINA

## 6-STAGE MANUFACTURING PROCESS

**Mesh cutting****Mix preparation****Pressing****Bakelisation****Quality control****Packaging**

PRESS EQUIPMENT

Davide **Maternini S.p.A.**

FORMING PRESSES

**Abrapress S.r.l.**

ORIGIN

**Made in Italy**



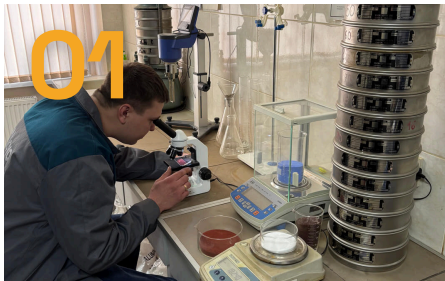
QUALITY CONTROL · 9 LEVELS · EVERY BATCH

# 9 levels of control. No exceptions.

EN 12413

MPA + oSa

Testing systems by **Abrapress S.r.l.** (Italy), certified to **oSa** standards — the same equipment used by leading European manufacturers. Every wheel passes three critical destructive safety tests: **burst, lateral load, impact test.**



Raw material inspection



Mix control



Forming control



Heat-treatment control



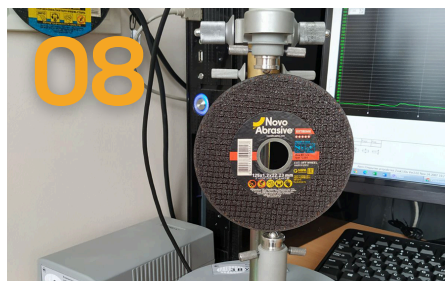
Lateral load test



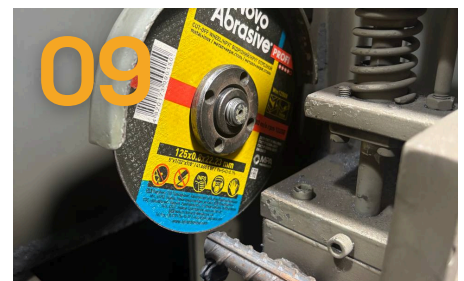
Burst test



Visual inspection



Sonic ring test



Cut quality check

Each batch tested. No exceptions. Full traceability.

EN 12413

OSA

MPA





CERTIFICATIONS · EUROPEAN SAFETY STANDARDS

# German certification. Ukrainian manufacturing.

Every NovoAbrasive product is manufactured and certified to the **strictest European safety standards**. This is confirmed by independent testing bodies and international manufacturer associations.

**MPA Hannover** SINCE 2015

Materialprüfanstalt Hannover, Germany

**ISO 9001:2015** SINCE 2015

Quality management system

**EN 12413** BONDED ABRASIVES

Safety of bonded abrasive products

**FEPA** MEMBER SINCE 2017

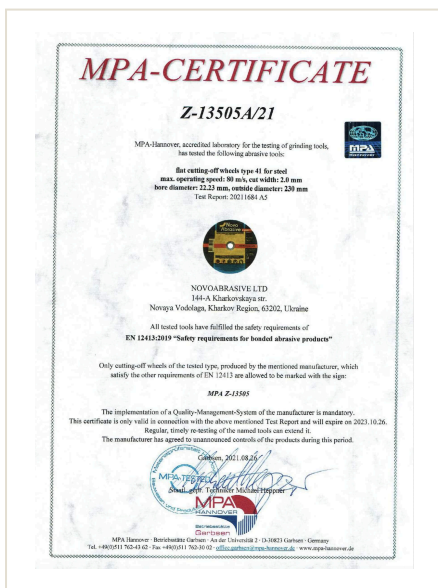
Federation of European Producers of Abrasives

**oSa** COMPLIANCE

Organisation for the Safety of Abrasives

**EUR.1** ORIGIN

EU and FTA preferential origin



# Choose a series for your workload.

MANUFACTURER · SINCE 2012

## NovoAbrasive

*"European quality. Ukrainian strength."*

Ukrainian manufacturer with **MPA Hannover** certification — the only one among Ukrainian producers. Italian lines from **Davide Maternini S.p.A.** and **Abrapress S.r.l.** Produces **three performance series** for any task — from household repair to continuous industrial use.

	TIER 01 · PREMIUM <b>EXTREME</b>	TIER 02 · PROFESSIONAL <b>PROFI</b>	TIER 03 · STANDARD <b>STANDARD</b>
Service life (relative)	×1.6	×1.0	×0.7
Cutting speed	maximum	high	medium
Abrasive	ceramic + ZrO	Al <sub>2</sub> O <sub>3</sub> + ZrO	Al <sub>2</sub> O <sub>3</sub>
Bond	bakelite +	bakelite	bakelite
Reinforcement	2× glass fabric	2× glass fabric	2× glass fabric
Certification	MPA + ISO + EN 12413	MPA + ISO + EN 12413	MPA + ISO + EN 12413
Application	24/7 industrial	8-hour shift	up to 2 h / day

UPGRADE ECONOMICS · WHY PRICIER PAYS OFF

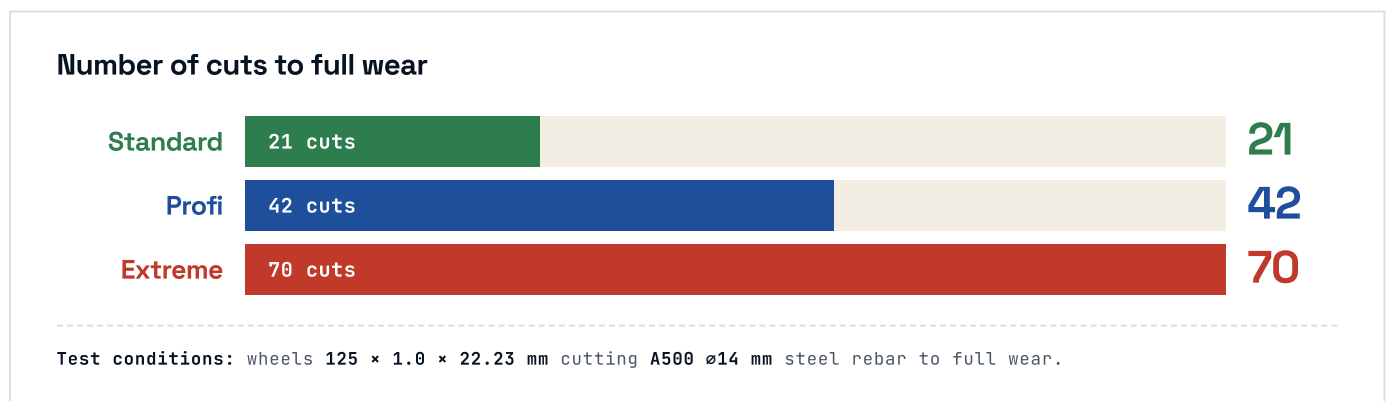
# Is it worth paying more?

3 SERIES

STD · PRO · EXTR

Real savings depend not on the wheel's price but on the **cost per cut**: price ÷ service life. A pricier series often works out cheaper in use — fewer changes, less downtime.

STANDARD → PROFI		MAX. SAVINGS STANDARD → EXTREME		PROFI → EXTREME	
<b>×2</b> MORE CUTS	<b>-46%</b> COST PER CUT	<b>×3.3</b> MORE CUTS	<b>-60%</b> COST PER CUT	<b>×1.7</b> MORE CUTS	<b>-27%</b> COST PER CUT
<b>+9%</b> PRICE PER WHEEL	<b>-11%</b> CUTTING TIME	<b>+35%</b> PRICE PER WHEEL	<b>-17%</b> CUTTING TIME	<b>+24%</b> PRICE PER WHEEL	<b>-7%</b> CUTTING TIME
<p><b>For:</b> workshops with daily loads of 6–8 hours per shift.</p>		<p><b>For:</b> 24/7 industrial production, stainless steel, INOX, MPA requirements.</p>		<p><b>For:</b> hard materials, INOX, MPA-certified orders.</p>	
<p>An extra <b>2 UAH</b> per wheel — and <b>twice as many cuts</b>.</p>		<p>An extra <b>8 UAH</b> per wheel — and <b>three times as many cuts</b>.</p>		<p>An extra <b>6 UAH</b> per wheel — <b>67% more cuts</b>.</p>	



PRODUCT CATALOGUE · 17 CATEGORIES

# Product Catalogue.

The full range of abrasive tools under the **NovoAbrasive** · **NovoTools** · **WellCut** brands. From cutting and grinding wheels to fibre discs, brushes and sanding belts.

CATEGORIES

**17**

product groups

BRANDS

**03**

NA · NT · WC

SERIES

**03**

EXTR · PRO · STD

CERTIFICATION

**EN 12413**

ISO 9001 · MPA

SKUS

**466**

items



# If you are...

Choose your task — see a ready-made list of abrasives. SKUs in parentheses link to products in the catalogue.

## 01 · WELDER IN THE WORKSHOP

### Metal, sheets, weld seams

Cutting Ø125×1.6 (**WM12516**) + 0.8/1.0 for thin sheet.  
Grinding T27 Ø125×6 mm (**WG2712560**).  
Flap T29 P40→P120 (NS2940125 / NS2980125).  
Black non-woven (NASCS125) — satin finish.

## 02 · BUILDER ON SITE

### Concrete, rebar, brick

Cutting Ø230×2.5 for metal (**WM23025**) — rebar.  
Cutting Ø230 for stone (WS23025) — brick, tile.  
Diamond segmented Ø230 (DBP230/DC) — concrete, rebar.  
Hand brushes + cup Ø100/125.

## 03 · AUTO BODY SHOP

### Bodywork, filler, paint

Fibre P40→P80 (NAFD125...AL) — rust removal.  
Velcro Ø125 P40→P320 — body sanding.  
Sheets P240 (NASPS) + waterproof P800–P2000 (NASPSW) — for clear coat.  
Sponges for edges and profiles.

## 04 · STONEMASON / TILER

### Granite, marble, tile

Diamond turbo Ø125 (DBP125/T) — granite, hard stone.  
Diamond continuous Ø125 (DBP125/C) — tile, no chipping.  
Velcro polishing Ø100 P30→P3000 (NADP100...) — mirror finish.  
Backing pad NTRDP100 — required accessory.

## 05 · GENERAL METALWORKER

### Starter kit of 5 SKUs

Cutting Ø125×1.0 (WM12510) + 1.6 (WM12516).  
Grinding wheel T27 Ø125×6 mm (WG2712560).  
Flap P60 Ø125 (NS2960125).  
Wooden-handle hand brush (NTWB4SWH).

## 06 · STAINLESS STEEL (INOX) WORK

### No Fe/S contamination

**Only Fe+Cl+S <0.1% abrasives:**  
EXTREME ceramic Ø125 (**NAECD12510 / 12516**).  
Zirconium flap P40/P60/P80 (NE40125 / NE60125 / NE80125).  
Black non-woven — satin finish with no scratches.

## STAINLESS STEEL WORK – IN DETAIL

**AISI 304/316/430** are the most common stainless grades. **Overheating colour:** straw (200–300 °C) — normal; blue-violet (300–400 °C) — structure changed, corrosion resistance reduced; black/brown (>500 °C) — part is ruined.

**Cutting interval 3–5 seconds**, then cool. **Cross-contamination** — use dedicated discs/brushes/gloves for stainless; do not place the part on the same bench used for plain steel; rinse off stainless swarf before working with carbon steel.



# Weld seam — full workflow

Step sequence from cutting the workpiece to satin finish. Each step removes the marks of the previous one.

<p><b>01</b></p> <p>CUT WORKPIECE</p> <p><b>T41 Ø125×1.6 mm</b></p> <p>SKU <b>WM12516</b>. 90° angle, no lateral pressure. Short passes 2–3 s.</p>	<p><b>02</b></p> <p>GRIND THE SEAM</p> <p><b>T27 Ø125×6 mm</b></p> <p>SKU <b>WG2712560</b>. 15–25° angle, gentle pressure, large contact area.</p>	<p><b>03</b></p> <p>REMOVE FLASH</p> <p><b>Flap T29 P40→P80</b></p> <p>NS2940125 → NS2980125. 15° angle, motion along the seam. Ceramic for stainless.</p>	<p><b>04</b></p> <p>SATIN FINISH</p> <p><b>Black non-woven / P120</b></p> <p>NASCS125 or flap P120. No pauses — uniform pattern.</p>
--	--	--	--

## WORKING TIPS

**Cooling:** work in short 2–3 s passes, let the wheel cool. Avoid overheating (bluish edge).

**Flap angle** — 15° (T29) for seams, 0–10° (T27) for flat surfaces.

**Stainless steel** — dedicated discs (Fe+Cl+S <0.1%, zirconium or ceramic). Do not use the same discs as for carbon steel — this will cause seam corrosion.

**Safety:** do not remove the guard, use both hands, wear safety glasses and a face shield.

Similar workflow charts for auto bodywork, stainless and stone are on the relevant group pages and in the use cases.



09 – CORE PRODUCT · CUTTING WHEELS

# Cutting wheels

For cutting metal, stainless steel, stone, concrete and rail steels. EXTREME · PROFI · STANDARD series.

## EXTREME

Premium · Ceramic & Zirconium grain · MPA Hannover

### FEATURES AND BENEFITS

- ◆ **Ceramic & zirconium self-sharpening grain**  
Continually exposes fresh cutting edges — maximum productivity.
- ◆ **Cold-cutting technology**  
Low heating — protects the workpiece and reduces colour change on INOX.
- ◆ **3–5× longer service life**  
Fewer disc changes, less downtime on heavy industrial work.
- ◆ **MPA Hannover certificate**  
Highest safety standard, double glass-fibre reinforcement.



STANDARDS EN 12413 · MPA HANNOVER · ISO 9001:2015 · OSA · 80 M/S · MAX

NOVOABRASIVE CUTTING WHEELS, FOR METAL · T41 + T42

17 SKU · 7 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
115	1.0	22.23	41	13 300	A60 SBF	25	25	NAECD11510
	1.6	22.23	41	13 300	A36 SBF	25	25	NAECD11516
	3.0	22.23	42	13 300	A30 SBF	25	100	NAECD11530/42
125	1.0	22.23	41	12 200	A60 SBF	25	25	NAECD12510
	1.2	22.23	41	12 200	A46 SBF	25	25	NAECD12512
	1.6	22.23	41	12 200	A36 SBF	25	25	NAECD12516
150	1.6	22.23	41	10 200	A36 SBF	25	25	NAECD15016
180	1.6	22.23	41	8 600	A36 SBF	25	25	NAECD18016
230	1.6	22.23	41	6 600	A36 SBF	25	25	NAECD23016
	1.9	22.23	41	6 600	A30 SBF	25	25	NAECD23019
	1.9	22.23	42	6 600	A30 SBF	25	25	NAECD23019/42
	2.0	22.23	41	6 600	A30 SBF	25	25	NAECD23020
	2.5	22.23	41	6 600	A30 SBF	25	25	NAECD23025
	3.0	22.23	41	6 600	A30 SBF	25	25	NAECD23030
300	3.0	22.23	42	6 600	A30 SBF	25	25	NAECD23030/42
	3.0	25.4	41	5 100	A30 SBF	15	15	NAECD3003025
400	3.5	25.4	41	3 800	A30 SBF	10	10	NAECD4003525



### WHY COST PER CUT IS LOWER WITH EXTREME

Ceramic and zirconium grain **self-sharpen** — continually exposes new cutting facets. A pricier disc lasts 3–5× longer, so the cost per cut is lower even after the higher price.

**PROFI**

Professional – Zirconium + Al<sub>2</sub>O<sub>3</sub> · 3-5× Life vs Standard

**FEATURES AND BENEFITS**

- ◆ **Zirconium & aluminium-oxide blend**  
Optimal balance of speed and life for professional use.
- ◆ **3-5× life vs STANDARD**  
Reduced disc usage for construction and workshops.
- ◆ **Widest range: 115-400 mm**  
Metal, stainless, stone and rails — all materials in one series.
- ◆ **Optimal value for money**  
EN 12413 professional results without the premium price.



**NOVOABRASIVE CUTTING WHEELS, FOR METAL · Ø115-150 · T41 + T42**

26 SKU · 3 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
<b>115</b>	0.8	22.23	41	13 300	A60 SBF	25	200	WM11508
	1.0	22.23	41	13 300	A60 SBF	25	200	WM11510
	1.2	22.23	41	13 300	A46 SBF	25	200	WM11512
	1.6	22.23	41	13 300	A36 SBF	25	200	WM11516
	2.0	22.23	41	13 300	A30 SBF	25	100	WM11520
	2.0	22.23	42	13 300	A30 SBF	25	100	WM4211520
	2.5	22.23	41	13 300	A30 SBF	25	100	WM11525
	2.5	22.23	42	13 300	A30 SBF	25	100	WM4211525
	3.0	22.23	41	13 300	A30 SBF	25	100	WM11530
	3.0	22.23	42	13 300	A30 SBF	25	100	WM4211530
<b>125</b>	0.8	22.23	41	12 200	A60 SBF	25	200	WM12508
	1.0	22.23	41	12 200	A60 SBF	25	200	WM12510
	1.2	22.23	41	12 200	A46 SBF	25	200	WM12512
	1.6	22.23	41	12 200	A36 SBF	25	200	WM12516
	2.0	22.23	41	12 200	A30 SBF	25	100	WM12520
	2.0	22.23	42	12 200	A30 SBF	25	100	WM4212520
	2.5	22.23	41	12 200	A30 SBF	25	100	WM12525
	2.5	22.23	42	12 200	A30 SBF	25	100	WM4212525
	3.0	22.23	41	12 200	A30 SBF	25	100	WM12530
	3.0	22.23	42	12 200	A30 SBF	25	100	WM4212530
<b>150</b>	1.0	22.23	41	10 200	A60 SBF	25	75	WM15010
	1.6	22.23	41	10 200	A36 SBF	25	75	WM15016
	2.0	22.23	41	10 200	A30 SBF	25	50	WM15020
	2.5	22.23	41	10 200	A30 SBF	25	50	WM15025
	3.0	22.23	41	10 200	A30 SBF	25	50	WM15030



**PROFI**

Large diameters · Stone · Rail steels · Unreinforced

NOVOABRASIVE CUTTING WHEELS, FOR METAL · Ø180-400 · T41 + T42

31 SKU · 6 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
180	1.6	22.23	41	8 600	A36 SBF	25	75	WM18016
	2.0	22.23	41	8 600	A30 SBF	25	50	WM18020
	2.0	22.23	42	8 600	A30 SBF	25	50	WM4218020
	2.5	22.23	41	8 600	A30 SBF	25	50	WM18025
	2.5	22.23	42	8 600	A30 SBF	25	50	WM4218025
	3.0	22.23	41	8 600	A30 SBF	25	50	WM18030
	3.0	22.23	42	8 600	A30 SBF	25	50	WM4218030
	4.0	22.23	41	8 600	A30 SBF	25	100	WM18040
230	1.6	22.23	41	6 600	A36 SBF	25	25	WM23016
	1.9	22.23	41	6 600	A30 SBF	25	25	WM23019
	1.9	22.23	42	6 600	A30 SBF	25	25	WM4223019
	2.0	22.23	41	6 600	A30 SBF	25	25	WM23020
	2.5	22.23	41	6 600	A30 SBF	25	25	WM23025
	2.5	22.23	42	6 600	A30 SBF	25	25	WM4223025
	3.0	22.23	41	6 600	A30 SBF	25	25	WM23030
	3.0	22.23	42	6 600	A30 SBF	25	25	WM4223030
	3.2	22.23	41	6 600	A30 SBF	25	25	WM23032
	3.2	22.23	42	6 600	A30 SBF	25	25	WM4223032
300	3.0	32	41	5 100	A30 SBF	15	15	WM30030
	3.0	25.4	41	5 100	A30 SBF	15	15	WM3003025
350	2.6	25.4	41	4 400	A30 SBF	15	15	WM35026
	3.0	25.4	41	4 400	A30 SBF	15	15	WM35030
	3.0	32	41	4 400	A30 SBF	15	15	WM3503032
	3.5	25.4	41	4 400	A30 SBF	10	15	WM35035
	3.5	32	41	5 500	A30 SBF	15	15	WM35035/32
355	4.0	25.4	41	4 400	A30 SBF	15	15	WM35040
	3.0	25.4	41	4 400	A30 SBF	15	15	WM35530
400	3.5	25.4	41	4 400	A30 SBF	15	15	WM35535
	3.5	32	41	3 800	A30 SBF	10	10	WM40035
	3.5	25.4	41	3 800	A30 SBF	10	10	WM4003525
400	4.0	32	41	3 800	A30 SBF	10	10	WM40040



**PROFI**

Stone · Rail steels · Unreinforced – specialist applications

**NOVOABRASIVE CUTTING WHEELS, FOR RAIL CUTTING · T41**

5 SKU · 3 Ø · NBF · UP TO 100 M/S

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
300	3.0	32	41	6 400	A30 NBF	15	15	WM30030R
	3.5	32	41	5 500	A30 NBF	15	15	WM3503532R
350	3.5	25.4	41	5 500	A30 NBF	15	15	WM35035R
	3.5	32	41	4 800	A30 NBF	10	10	WM40035R
400	3.5	32	41	4 800	A30 NBF	10	10	WM4004032R80
	4.0	32	41	4 800	A30 NBF	10	10	WM4004032R80



**NOVOABRASIVE CUTTING WHEELS, UNREINFORCED · T41**

5 SKU · 3 Ø · ▲ STATIONARY MACHINES ONLY

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
230	1.6	32	41	6 600	A36 SBF	25	25	WMNA2301632
300	2.0	32	41	5 100	A30 SBF	15	15	WMNA3002032
	3.0	32	41	5 100	A30 SBF	15	15	WMNA3003032
400	3.0	32	41	3 800	A30 SBF	10	10	WMNA4003032
	3.5	32	41	3 800	A30 SBF	10	10	WMNA4003532



**NOVOABRASIVE CUTTING WHEELS, FOR STONE · T41 + T42**

18 SKU · 5 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
115	1.0	22.23	41	13 300	C60 SBF	25	200	WS11510
	2.0	22.23	41	13 300	C36 RBF	25	100	WS11520
	2.5	22.23	41	13 300	C36 RBF	25	100	WS11525
	3.0	22.23	41	13 300	C36 RBF	25	100	WS11530
125	1.0	22.23	41	12 200	C60 SBF	25	200	WS12510
	2.0	22.23	41	12 200	C36 RBF	25	100	WS12520
	2.5	22.23	41	12 200	C30 RBF	25	100	WS12525
	3.0	22.23	41	12 200	C36 RBF	25	100	WS12530
150	2.0	22.23	41	10 200	C36 RBF	25	50	WS15020
	2.5	22.23	41	10 200	C36 RBF	25	50	WS15025
	3.0	22.23	41	10 200	C36 RBF	25	50	WS15030
180	2.0	22.23	41	8 600	C36 RBF	25	50	WS18020
	2.5	22.23	41	8 600	C36 RBF	25	50	WS18025
	3.0	22.23	41	8 600	C36 RBF	25	50	WS18030
230	2.0	22.23	41	6 600	C36 RBF	25	25	WS23020
	2.5	22.23	41	6 600	C30 RBF	25	25	WS23025
	3.0	22.23	41	6 600	C30 RBF	25	25	WS23030
	3.0	22.23	42	6 600	C30 RBF	25	25	WS4223030



**STANDARD**

Economy – Al<sub>2</sub>O<sub>3</sub> · EN 12413 · daily use

**FEATURES AND BENEFITS**

- ◆ **Quality aluminium oxide**  
Reliable abrasive grain for steady daily output.
- ◆ **Full range: 115–400 mm**  
All common diameters for home workshops and household tasks.
- ◆ **The same European certification**  
EN 12413 — the same safety level as premium.
- ◆ **Efficient cost per cut**  
Maximum value in daily use.



**NOVOABRASIVE CUTTING WHEELS, FOR METAL · Ø115–300 · T41**

24 SKU · 6 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
<b>115</b>	1.0	22.23	41	13 300	A60 SBF	25	200	NAB11510
	1.2	22.23	41	13 300	A60 SBF	25	200	NAB11512
	1.6	22.23	41	13 300	A36 SBF	25	200	NAB11516
	2.0	22.23	41	13 300	A30 SBF	25	100	NAB11520
	2.5	22.23	41	13 300	A30 SBF	25	100	NAB11525
<b>125</b>	1.0	22.23	41	12 200	A60 SBF	25	200	NAB12510
	1.2	22.23	41	12 200	A46 SBF	25	200	NAB12512
	1.6	22.23	41	12 200	A36 SBF	25	200	NAB12516
	2.0	22.23	41	12 200	A30 SBF	25	100	NAB12520
	2.5	22.23	41	12 200	A30 SBF	25	100	NAB12525
<b>150</b>	1.6	22.23	41	10 200	A36 SBF	25	75	NAB15016
	2.0	22.23	41	10 200	A30 SBF	25	50	NAB15020
	2.5	22.23	41	10 200	A30 SBF	25	50	NAB15025
<b>180</b>	1.6	22.23	41	8 600	A36 SBF	25	75	NAB18016
	2.0	22.23	41	8 600	A30 SBF	25	50	NAB18020
	2.5	22.23	41	8 600	A30 SBF	25	50	NAB18025
	3.0	22.23	41	8 600	A30 SBF	—	50	NAB18030
<b>230</b>	1.6	22.23	41	6 600	A36 SBF	25	25	NAB23016
	1.9	22.23	41	6 600	A30 SBF	25	25	NAB23019
	2.0	22.23	41	6 600	A30 SBF	25	25	NAB23020
	2.5	22.23	41	6 600	A30 SBF	25	25	NAB23025
	3.0	22.23	41	6 600	A30 SBF	25	25	NAB23030
<b>300</b>	3.0	32	41	5 100	A30 SBF	15	15	NAB30030



**STANDARD**

Large diameters ø350-400 · Rail steels

NOVOABRASIVE CUTTING WHEELS, FOR METAL · Ø350-400 · T41

8 SKU · 2 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
350	3.0	25.4	41	4 400	A30 SBF	15	15	NAB35030
	3.5	25.4	41	4 400	A30 SBF	15	15	NAB35035
	3.5	32	41	4 400	A30 SBF	15	15	NAB3503532
	4.0	25.4	41	4 400	A30 SBF	15	15	NAB35040
400	3.5	25.4	41	3 800	A30 SBF	10	10	NAB40035
	3.5	32	41	3 800	A30 SBF	10	10	NAB4003532
	4.0	32	41	3 800	A30 SBF	10	10	NAB40040
	4.0	25.4	41	3 800	A30 SBF	10	10	NAB4004025



NOVOABRASIVE CUTTING WHEELS, FOR RAIL CUTTING · T41

6 SKU · 2 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
350	3.5	32	41	5 500	A30 NBF	15	15	NAB3503532R
	3.5	25.4	41	5 500	A30 NBF	15	15	NAB35035R
	4.0	25.4	41	5 500	A30 NBF	15	15	NAB35040R
400	3.5	32	41	4 800	A30 NBF	10	10	NAB40035R
	4.0	32	41	4 800	A30 NBF	10	10	NAB4004032R
	4.0	25.4	41	4 800	A30 NBF	10	10	NAB40040R



**HOW TO CHOOSE CUTTING-WHEEL THICKNESS**

**0.8–1.0 mm** — sheet metal, thin profile. **1.2–1.6 mm** — tubes up to 15 mm; the sweet spot for Ø125 angle grinders. **2.0–2.5 mm** — rod 15–30 mm. **3.0–3.2 mm** — stationary cut-off machines.



10 – CORE PRODUCT · GRINDING WHEELS

# Grinding wheels

For grinding weld seams, chamfering, edge work and metal-surface preparation. Reinforced construction, stable geometry, EN 12413.

EXTREME

Premium · Ceramic &amp; Zirconium grain

## FEATURES AND BENEFITS

### ◆ Maximum material-removal rate

Aggressive resin-bond formula for fast weld-seam removal, chamfering & surface preparation.

### ◆ Type 27 (depressed centre) · 6 mm thick

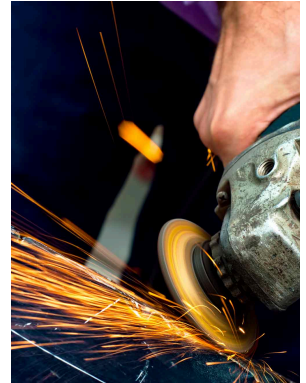
Optimal profile for angle grinders — stripping work on steel and weld seams.

### ◆ Low vibration & cold grinding

Balanced disc structure reduces operator fatigue and minimises heat discolouration.

### ◆ EN 12413 · MPA Hannover certificate

Each batch tested on Italian Abrapress equipment, triple reinforcement (three glass-fibre nets).



## NOVOABRASIVE GRINDING WHEELS, FOR METAL · T27

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
115	6	22.23	27	13 300	A24 RBF	25	25	NAEGD11560/27
125	6	22.23	27	12 200	A24 RBF	25	25	NAEGD12560/27
180	6	22.23	27	8 600	A24 RBF	25	10	NAEGD18060/27
230	6	22.23	27	6 600	A24 RBF	25	10	NAEGD23060/27

4 SKU · 4 Ø



PROFI

Professional – Zirconium + Al<sub>2</sub>O<sub>3</sub>

FEATURES AND BENEFITS

- ◆ **Zirconium & Al<sub>2</sub>O<sub>3</sub> blend**  
Optimal balance of aggression and life for stripping work.
- ◆ **Long life for a full shift**  
Fewer wheel changes per working day — less downtime.
- ◆ **T1 / T27 versatility**  
Flat and depressed-centre shapes for angle grinders in one series.
- ◆ **EN 12413 · MPA Hannover certificate**  
Certified manufacturing, triple reinforcement (three glass-fibre nets).



NOVOABRASIVE GRINDING WHEELS, FOR METAL · T1 / T27

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
115	6	22.23	1	13 300	A24 RBF	10	40	WG11560
	6	22.23	27	13 300	A24 RBF	10	40	WG2711560
	8	22.23	27	13 300	A24 RBF	10	40	WG2711580
125	6	22.23	1	12 200	A24 RBF	10	40	WG12560
	6	22.23	27	12 200	A24 RBF	10	40	WG2712560
	8	22.23	27	12 200	A24 RBF	10	40	WG2712580
150	6	22.23	1	10 200	A24 RBF	10	20	WG15060
	6	22.23	27	10 200	A24 RBF	10	20	WG2715060
180	6	22.23	1	8 600	A24 RBF	10	20	WG18060
	6	22.23	27	8 600	A24 RBF	10	20	WG2718060
	8	22.23	1	8 600	A24 RBF	10	20	WG18080
230	8	22.23	27	8 600	A24 RBF	10	20	WG2718080
	6	22.23	1	6 600	A24 RBF	10	10	WG23060
	6	22.23	27	6 600	A24 RBF	10	10	WG2723060
8	22.23	27	6 600	A24 RBF	10	10	WG2723080	

15 SKU · 5 Ø



STANDARD

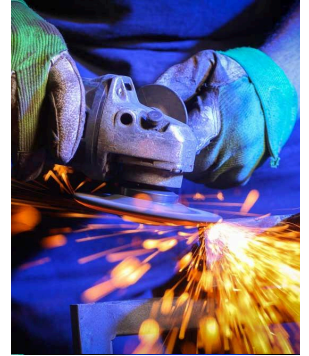
Economy — Al<sub>2</sub>O<sub>3</sub> · daily use

FEATURES AND BENEFITS

- ◆ **Quality aluminium oxide**  
Reliable abrasive grain for daily weld-seam grinding.

◆ **Popular sizes 125–230 mm**  
The most-requested diameters for angle grinders in household and repair use.
- ◆ **EN 12413**  
The same European certification as EXTREME — the same safety level.

◆ **Efficient cost per 1 kg of metal removed**  
Economical solution for household and daily tasks.



NOVOABRASIVE GRINDING WHEELS, FOR METAL · T27

5 SKU · 5 Ø

Ø	THICK.	BORE	TYPE	RPM	SPEC.	PACK	CRT.	SKU
115	6	22.23	27	13 300	A24 RBF	10	40	NAB11560
125	6	22.23	27	12 200	A24 RBF	10	40	NAB12560
150	6	22.23	27	10 200	A24 RBF	10	20	NAB15060
180	6	22.23	27	8 600	A24 RBF	10	20	NAB18060
230	6	22.23	27	6 600	A24 RBF	10	10	NAB23060



△ GRINDING WHEEL ≠ CUTTING WHEEL

A grinding wheel (6–8 mm thick) **is not for cutting** — it is not made to work on its edge. A thin cutting wheel (1–3 mm) **is not for grinding** with its side — lateral load breaks the wheel. Each shape is for its own job.



11 – CORE PRODUCT · FLAP DISCS

# Flap discs

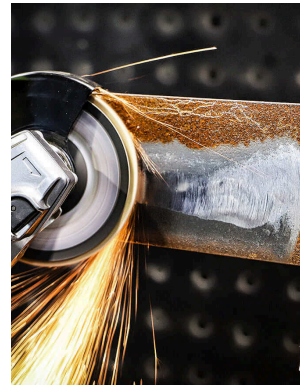
For grinding, levelling weld seams, removing burrs and finishing metal. T27/T29 profiles, grit P36–P120.

**EXTREME**

Premium · Zirconium grain · maximum life

**FEATURES AND BENEFITS**

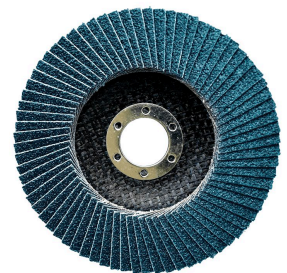
- ◆ **Zirconium self-sharpening grain**  
Continually fresh cutting edges — maximum productivity on stainless and structural steels.
- ◆ **3–5× life vs Al<sub>2</sub>O<sub>3</sub>**  
Fewer wheel changes, less downtime on serial industrial work.
- ◆ **Cold-grinding technology**  
Low heating — protects the workpiece and reduces colour change on INOX.
- ◆ **EN 13743 — flap disc standard**  
European safety standard for flap discs. Glass-fibre backing with double reinforcement.



**NOVOABRASIVE FLAP DISCS · T29 PROFILE**

Ø	GRIT	PROFILE	MATERIAL	BORE	RPM	PACK	CRT.	SKU
<b>125</b>	P40	T29	Zirconium oxide	22.23	12 200	10	100	NE40125
	P60	T29	Zirconium oxide	22.23	12 200	10	100	NE60125
	P80	T29	Zirconium oxide	22.23	12 200	10	100	NE80125

3 SKU · 1 Ø



**T27 OR T29 – HOW TO CHOOSE**

**T27 (flat)** — flat surfaces, grinding at 0–15°. **T29 (conical)** — weld seams, 15–25° angles, hard-to-reach areas. Grit: P36–P60 — coarse, P80–P100 — intermediate, P120 — finish.

PROFI

Professional – Zirconium + Al<sub>2</sub>O<sub>3</sub> · 16 SKUs

FEATURES AND BENEFITS

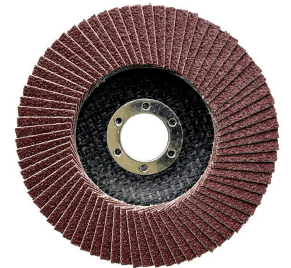
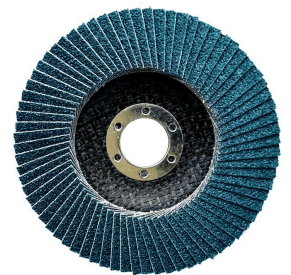
- ◆ **Zirconium + Al<sub>2</sub>O<sub>3</sub> — optimal balance**  
Good life and aggressive metal removal at a moderate price.
- ◆ **T27 (flat) and T29 (conical) profiles**  
T27 — flat surfaces; T29 — weld seams and 15–25° angles.
- ◆ **Grit P40–P120**  
Full sequence: rough → intermediate → finish grinding on one disc.
- ◆ **EN 13743 — flap disc standard**  
Glass-fibre backing with double reinforcement.



NOVOABRASIVE FLAP DISCS · ZRO + AL<sub>2</sub>O<sub>3</sub> · Ø125

16 SKU · 1 Ø

Ø	GRIT	PROFILE	MATERIAL	BORE	RPM	PACK	CRT.	SKU
125	P40	T27	Zirconium oxide	22.23	12 200	10	100	NPZR2740125
	P60	T27	Zirconium oxide	22.23	12 200	10	100	NPZR2760125
	P80	T27	Zirconium oxide	22.23	12 200	10	100	NPZR2780125
	P40	T29	Zirconium oxide	22.23	12 200	10	100	NPZR40125
	P60	T29	Zirconium oxide	22.23	12 200	10	100	NPZR60125
	P80	T29	Zirconium oxide	22.23	12 200	10	100	NPZR80125
	P100	T29	Zirconium oxide	22.23	12 200	15	150	NPZR100125
	P120	T29	Zirconium oxide	22.23	12 200	15	150	NPZR120125
125	P40	T27	Aluminium oxide	22.23	12 200	10	100	NP2740125
	P60	T27	Aluminium oxide	22.23	12 200	10	100	NP2760125
	P80	T27	Aluminium oxide	22.23	12 200	10	100	NP2780125
	P40	T29	Aluminium oxide	22.23	12 200	10	100	NP40125
	P60	T29	Aluminium oxide	22.23	12 200	10	100	NP60125
	P80	T29	Aluminium oxide	22.23	12 200	10	100	NP80125
	P100	T29	Aluminium oxide	22.23	12 200	15	150	NP100125
	P120	T29	Aluminium oxide	22.23	12 200	15	150	NP120125



STANDARD

Economy – Al<sub>2</sub>O<sub>3</sub> · 12 SKUs · daily use

FEATURES AND BENEFITS

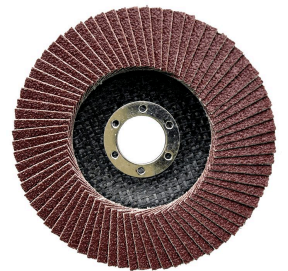
- ◆ **Quality aluminium oxide**  
Reliable abrasive grain for household and repair sanding.
- ◆ **The same European certification**  
EN 13743 — the same safety level as premium.
- ◆ **P36–P120 in one series**  
All popular grits for household tasks and home workshops.
- ◆ **Competitive price**  
Economical solution for daily tasks.



NOVOABRASIVE FLAP DISCS · AL<sub>2</sub>O<sub>3</sub>

Ø	GRIT	PROFILE	MATERIAL	BORE	RPM	PACK	CRT.	SKU
125	P36	T27	Aluminium oxide	22.23	12 200	10	100	NS2736125
	P40	T27	Aluminium oxide	22.23	12 200	10	100	NS2740125
	P60	T27	Aluminium oxide	22.23	12 200	10	100	NS2760125
	P80	T27	Aluminium oxide	22.23	12 200	10	100	NS2780125
	P100	T27	Aluminium oxide	22.23	12 200	15	150	NS27100125
	P120	T27	Aluminium oxide	22.23	12 200	15	150	NS27120125
	P36	T29	Aluminium oxide	22.23	12 200	10	100	NS2936125
	P40	T29	Aluminium oxide	22.23	12 200	10	100	NS2940125
	P60	T29	Aluminium oxide	22.23	12 200	10	100	NS2960125
	P80	T29	Aluminium oxide	22.23	12 200	10	100	NS2980125
	P100	T29	Aluminium oxide	22.23	12 200	15	150	NS29100125
	P120	T29	Aluminium oxide	22.23	12 200	15	150	NS29120125

12 SKU · 1 Ø





12 - EXTENDED RANGE · DIAMOND CUTTING DISCS

# Diamond cutting discs

For cutting concrete, brick, tile, granite, marble and asphalt. Rim type (continuous · segmented · turbo · turbo wave) — for speed, cleanliness or service life.

**EXTREME**

Premium · Laser-welded segments · NovoTools

**FEATURES AND BENEFITS**

◆ **Laser-welded segments**

Guarantees adhesion even under severe overheating — segments do not detach during dry cutting.

◆ **1.6–3.0 mm rim**

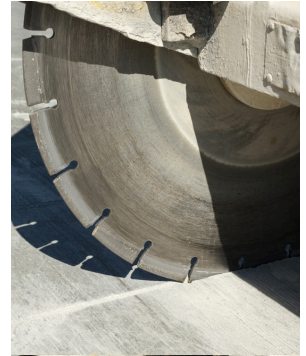
Thinner rim → faster cut; thicker → longer life.

◆ **Dry and wet cutting**

Versatile discs for dry and wet cutting — for angle grinders and water-cooled tile saws.

◆ **EN 13236 — diamond-tool standard**

Not to be confused with EN 12413 (bonded abrasives) — different segment requirements.



NOVOTOOLS EXTREME DIAMOND CUTTING DISCS · 4 RIM TYPES

13 SKU · 6 Ø

Ø	TYPE	HEIGHT	BORE	RPM	PACK	CRT.	SKU
<b>115</b>	Deep cut	8	22.23	13 300	1	50	DBP115/DC
	Continuous (tile)	10	22.23	13 300	1	50	DBP115/EC
<b>125</b>	Deep cut	8	22.23	12 200	1	50	DBP125/DC
	Continuous (tile)	10	22.23	12 200	1	50	DBP125/EC
	Tile	7	22.23	12 200	1	50	DBP125/C
	Segment	10	22.23	12 200	1	50	DBP125/S
	Turbo	10	22.23	12 200	1	50	DBP125/T
<b>180</b>	Deep cut	8	22.23	8 600	1	25	DBP180/DC
<b>230</b>	Deep cut	8	22.23	6 600	1	25	DBP230/DC
	Turbo	10	22.23	6 600	1	25	DBP230/T
<b>300</b>	Deep cut	8	20	5 100	1	10	DBP300/DC
	Asphalt	10	25.4	6 300	1	10	DBP300/A
<b>350</b>	Asphalt	10	25.4	5 400	1	10	DBP350/A



**WHY DIAMOND PAYS OFF ON CONCRETE/STONE**

On short cuts (up to ~10 linear m), the cheaper **abrasive stone wheel** wins. On longer runs, **diamond** wins: life is **50–100x longer**, break-even point ≈ **10 linear m**. Wet cutting gives **+2–3x life** and removes 95% of silicate dust (lungs). Dry cutting only in short 10–15 s passes with cooling pauses.

**PROFI**

Professional – 3 rim types × 5 diameters · NovoTools

**FEATURES AND BENEFITS**

- ◆ **Cold pressing + sintering**  
Durable segments for builders and tilers.
- ◆ **Turbo / Turbo wave / Segmented**  
Turbo for fast cutting, Turbo wave chip-free, Segmented all-purpose.
- ◆ **Segment height 5–10 mm**  
More abrasive = longer life on concrete and granite.
- ◆ **Concrete, brick, granite, ceramic**  
Widest range across builder's materials.



**NOVOTOOLS PROFI DIAMOND CUTTING DISCS · 3 RIM TYPES**

Ø	TYPE	HEIGHT	BORE	RPM	PACK	CRT.	SKU
<b>115</b>	Tile	5	22.23	13 300	1	50	<b>DBS115/C</b>
	Segment	7	22.23	13 300	1	50	<b>DBS115/S</b>
	Turbo	7	22.23	13 300	1	50	<b>DBS115/T</b>
<b>125</b>	Tile	5	22.23	12 200	1	50	<b>DBS125/C</b>
	Segment	7	22.23	12 200	1	50	<b>DBS125/S</b>
	Turbo	7	22.23	12 200	1	50	<b>DBS125/T</b>
<b>230</b>	Tile	5	22.23	6 600	1	25	<b>DBS230/C</b>
	Segment	7	22.23	6 600	1	25	<b>DBS230/S</b>
	Turbo	7	22.23	6 600	1	25	<b>DBS230/T</b>
<b>300</b>	Segment	7	20	6 300	1	10	<b>DBS30020/S</b>
	Turbo	7	20	6 300	1	10	<b>DBS30020/T</b>
<b>350</b>	Segment	10	25.4	5 400	1	10	<b>DBS35025/S</b>

12 SKU · 5 Ø

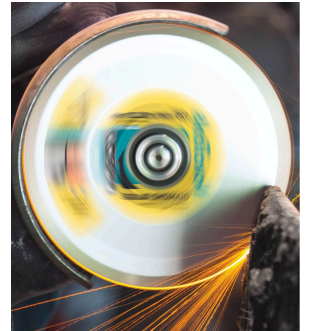


STANDARD

Economy — 5 diameters × 3 types · NovoTools

FEATURES AND BENEFITS

- ◆ **Economy series for household tasks**  
Repairs, weekend home, remodelling — tools for 1–3 projects.
- ◆ **Segmented and continuous shapes**  
Segmented — all-purpose; continuous — chip-free on tile.
- ◆ **Ø115/125/150/180/230**  
All popular sizes for angle grinders.
- ◆ **EN 13236 basic certification**  
Safe use when the maximum speed is observed.



NOVOTOOLS STANDARD DIAMOND CUTTING DISCS · 3 RIM TYPES

15 SKU · 5 Ø

Ø	TYPE	HEIGHT	BORE	RPM	PACK	CRT.	SKU
115	Tile	5	22.23	13 300	1	50	DBB115/C
	Segment	7	22.23	13 300	1	50	DBB115/S
	Turbo wave	7	22.23	13 300	1	50	DBB115/TW
125	Tile	5	22.23	12 200	1	50	DBB125/C
	Segment	7	22.23	12 200	1	50	DBB125/S
	Turbo wave	7	22.23	12 200	1	50	DBB125/TW
150	Tile	5	22.23	10 200	1	25	DBB150/C
	Segment	7	22.23	10 200	1	25	DBB150/S
	Turbo wave	7	22.23	10 200	1	25	DBB150/TW
180	Tile	5	22.23	8 600	1	25	DBB180/C
	Segment	7	22.23	8 600	1	25	DBB180/S
	Turbo wave	7	22.23	8 600	1	25	DBB180/TW
230	Tile	5	22.23	6 600	1	25	DBB230/C
	Segment	7	22.23	6 600	1	25	DBB230/S
	Turbo wave	7	22.23	6 600	1	25	DBB230/TW



RIM TYPE → MATERIAL

**Segmented** — concrete, brick, asphalt; dry cut, fast. **Continuous (tile)** — ceramic, marble; wet cut, no chipping. **Turbo** — granite, hard stone; all-purpose. **Turbo wave** — more aggressive than turbo, removes dust better.



13 – EXTENDED RANGE · DIAMOND GRINDING WHEELS

# Diamond grinding wheels

For levelling concrete, stone, screeds and hard mineral surfaces. Intensive material removal in dry grinding.

FEATURES AND BENEFITS

◆ **Diamond segments for concrete & stone**

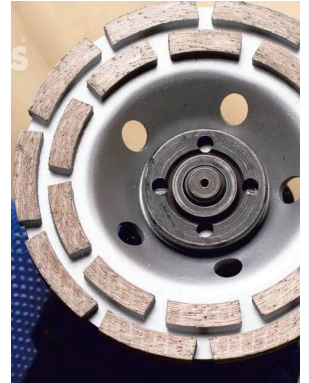
Aggressive material removal on concrete, masonry, granite and natural stone.

◆ **Single & double row**

Single row for finishing, double row for fast heavy grinding.

◆ **Bore 22.23 · Ø125 mm**

Standard angle-grinder spindle — mounted without adapters. For an M14 spindle, use the matching adapter.



NOVOTOOLS

Specialist diamond grinding · 2 SKUs · Ø125

NOVOTOOLS DIAMOND GRINDING WHEELS

Ø	SHAPE	BORE	PACK	CRT.	SKU
125	Segmented	22.23	1	20	NTDDGW125
	Turbo	22.23	1	20	NTPTGW125

2 SKU · 1 Ø





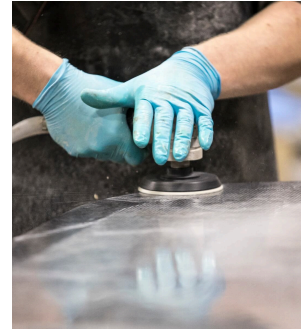
13A – EXTENDED RANGE · DIAMOND POLISHING PADS

# Diamond polishing pads

For mirror polishing of granite, marble, concrete and ceramic with water cooling. P30 → P3000 progression.

FEATURES AND BENEFITS

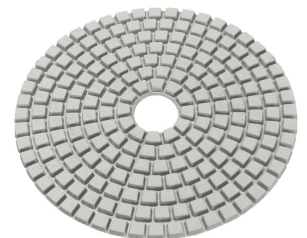
- ◆ **P30 → P3000 — 10 classic steps**  
From coarse grinding to mirror polishing. "Star" shape — in 4 grits (P60–P400).
- ◆ **Wet process for a flawless finish**  
Water-cooled work on granite, marble, concrete and ceramic.
- ◆ **Velcro mounting · Ø100**  
Quick-change hook-and-loop backing for instant grit changes.
- ◆ **Two shapes: classic and Star**  
Star — for aggressive material removal and corner work; classic — for flat surfaces.



NOVOABRASIVE DIAMOND POLISHING PADS · VELCRO · Ø100

14 SKU · 1 Ø

Ø	GRIT	SHAPE	BORE	PACK	CRT.	SKU
100	P60	Star	8	1	250	NADP10060S
	P100	Star	8	1	250	NADP100100S
	P200	Star	8	1	250	NADP100200S
	P400	Star	8	1	250	NADP100400S
	P30	—	8	1	250	NADP10030
	P60	—	8	1	250	NADP10060
	P100	—	8	1	250	NADP100100
	P200	—	8	1	250	NADP100200
	P400	—	8	1	250	NADP100400
	P600	—	8	1	250	NADP100600
	P800	—	8	1	250	NADP100800
	P1000	—	8	1	250	NADP1001000
	P1500	—	8	1	250	NADP1001500
	P3000	—	8	1	250	NADP1003000



SPEED AND WATER

Polishing pads run at **2,800–3,700 rpm with water** — about 3× slower than free-running angle-grinder speed. P30→P3000 progression: each step removes the scratches of the previous one.



## 14 - EXTENDED RANGE · CIRCULAR SAW BLADES

# Saw blades

For cutting wood, laminate, plastic and composites. Fewer teeth — faster cut, more teeth — cleaner edge.

## FEATURES AND BENEFITS

- ◆ **Tungsten carbide TCT teeth**  
5–15× longer life vs HSS; harder but more brittle edge — avoid nails and sand.
- ◆ **3–80 teeth — full range**  
Fewer teeth — fast rough cut; more — cleaner. 3T — wood, 80T — laminate, MDF, plastic.
- ◆ **NovoTools 3T — specialist wood disc**  
Designed for the angle-grinder bore for rough wood cutting. Use only with the guard fitted — see warning below.
- ◆ **EN 847-1 — saw blade standard**  
Burst and vibration testing.



## NOVOTOOLS

Small diameters for angle grinders · 2 SKUs

### NOVOTOOLS SAW BLADES · 3T

Ø	THICK.	TEETH	BORE	RPM	PACK	CRT.	SKU
<b>115</b>	2.2	3T	22.23	13 300	1	100	NTPSB1153T
<b>125</b>	2.2	3T	22.23	12 200	1	100	NTPSB1253T

2 SKU · 2 Ø



### TEETH → CUT CLEANLINESS

**3–24** — fast rough rip. **40–48** — all-purpose (metal/wood). **60–80** — clean cut of laminate, MDF, plastic. Geometry: **ATB** — crosscut/combination, **FTG** — rip along the grain, **TCG** — laminate and non-ferrous metal.

### △ SAFETY · 3T DISC FOR WOOD

The 3T disc is intended for an angle grinder, but cutting wood with an angle grinder carries elevated kickback risk. Work **only with the guard fitted**, two-handed, in safety glasses; do not exceed the disc's maximum rpm. **Never install ordinary toothed circular-saw blades on an angle grinder** — only special discs marked and bored for the angle-grinder spindle.

## WELLCUT

TCT · full diameter range 115-400 mm

## WELLCUT SAW BLADES · TCT (Ø115-230)

32 SKU · 12 Ø · CONTINUED ON 029

Ø	THICK.	TEETH	BORE	RPM	PACK	CRT.	SKU
115	1.1	24T	22.23	13 300	1	100	WS24115
	1.1	40T	22.23	13 300	1	100	WS40115
125	1.1	24T	22.23	12 200	1	100	WS24125
	1.1	40T	22.23	12 200	1	100	WS40125
	1.1	48T	22.23	12 200	1	100	WS48125
150	1.3	24T	22.23	10 000	1	50	WS24150
	1.3	30T	22.23	10 000	1	50	WS30150
160	–	80T	20	9 600	1	50	WS80160
165	–	60T	20	9 600	1	50	WS60165
	–	80T	20	9 600	1	50	WS80165
	1.3	48T	20	9 200	1	50	WS48165
180	1.3	21T	22.23	8 500	1	50	WS21180
	1.3	30T	22.23	8 500	1	50	WS30180
	1.3	30T	32	8 500	1	50	WS3018032
185	1.3	20T	20	8 300	1	50	WS20185
	1.3	36T	20	8 300	1	50	WS36185
	1.3	40T	20	8 300	1	50	WS40185
	1.3	48T	20	8 300	1	50	WS48185
190	–	48T	30	8 000	1	50	WS48190
	1.4	24T	20	8 000	1	50	WS2419020
	1.4	24T	30	8 000	1	50	WS2419030
	1.4	40T	30	8 000	1	50	WS40190
200	1.4	24T	32	7 600	1	50	WS24200
	1.4	40T	32	7 600	1	50	WS40200
	1.4	48T	32	7 600	1	50	WS48200
	1.4	60T	32	7 600	1	50	WS60200
205	1.4	24T	30	7 400	1	50	WS24205
210	–	64T	30	7 300	1	25	WS64210
	1.4	24T	30	7 200	1	50	WS24210
230	–	24T	30	6 650	1	25	WS24230
	1.6	40T	22.23	6 000	1	25	WS40230
	1.6	60T	22.23	6 000	1	25	WS60230



**WELLCUT**

Large diameters · circular, mitre, table saws

WELLCUT SAW BLADES · TCT · Ø250-400 (CONTINUED FROM P. 028)

13 SKU · 5 Ø

Ø	THICK.	TEETH	BORE	RPM	PACK	CRT.	SKU
250	1.8	24T	32	6 000	1	25	WS24250
	1.8	40T	32	6 000	1	25	WS40250
	1.8	60T	32	6 000	1	25	WS60250
254	—	80T	30	6 000	1	25	WS80254
	1.8	40T	30	6 000	1	25	WS40254
	1.8	60T	30	6 000	1 <td 25	WS60254	
300	2	30T	32	5 000	1	10	WS30300
	2	36T	32	5 000	1	10	WS36300
	2	48T	32	5 000	1	50	WS48300
350	2.2	48T	32	4 300	1	10	WS4835032
	2.2	48T	50	4 300	1	10	WS4835050
400	2.5	40T	32	3 800	1	5	WS4040032
	2.5	40T	50	3 800	1	5	WS4040050





15 - EXTENDED RANGE · HAND WIRE BRUSHES

# Hand wire brushes

For removing rust, paint, scale and weld seams in tight and hard-to-reach areas.

### FEATURES AND BENEFITS

◆ **Manual control without power**

Spot cleaning, seam inspection, knocking off welding slag in hard-to-reach areas.

◆ **4×16 – 6×16 row configurations**

More bristle rows — wider working area and longer life.

◆ **Wooden and plastic handles**

Wood — lighter and familiar; plastic — resistant to moisture and solvents.

◆ **With scraper and mini-brush sets**

Scraper brush — paint and slag; mini-sets — spot work and electrical contacts.



### HAND BRUSHES · CRIMPED WIRE · 250 MM

SIZE	WIRE	COLOUR	PACK	CRT.	SKU
250	crimped wire	Yellow	24	144	NTWBBC
	crimped wire	Red	12	120	NTWBBCR

2 SKU · 2 COLOURS



### WOODEN HANDLE · STIFF WIRE · 250 MM

SIZE	WIRE	ROWS	PACK	CRT.	SKU
250	Steel	4×16	12	120	NTWB416WH
	Steel	5×16	12	120	NTWB516WH
	Steel	6×16	12	120	NTWB616WH

3 SKU · 3 SIZES



### PLASTIC HANDLE · STIFF WIRE · 250 MM

SIZE	WIRE	ROWS	PACK	CRT.	SKU
250	Steel	4×16	12	120	NTWB416PH
	Steel	5×16	12	120	NTWB516PH
	Steel	6×16	12	120	NTWB616PH

3 SKU · 3 SIZES



WOODEN HANDLE WITH SCRAPER · STIFF WIRE

1 SKU

SIZE	WIRE	ROWS	PACK	CRT.	SKU
<b>250</b>	Steel	4x16	12	120	NTWB4SWH



PLASTIC HANDLE WITH SCRAPER · STIFF WIRE

1 SKU

SIZE	WIRE	ROWS	PACK	CRT.	SKU
<b>250</b>	Steel	4x16	12	120	NTWB4SPH



HAND MINI-BRUSH SET · 6 PCS

1 SKU · 175 MM

SIZE	SET CONTENTS	PCS	CRT.	SKU
<b>175</b>	Steel · Brass · Nylon (2 of each)	6	120	NTWB17513/6



HAND MINI-BRUSH SET · 3 PCS

1 SKU · 220 MM

SIZE	SET CONTENTS	PCS	CRT.	SKU
<b>220</b>	Steel · Brass · Nylon	3	72	NTWB9/3





## 16 – EXTENDED RANGE · WIRE WHEEL BRUSHES

# Wire brushes

Cup, bevel and wheel brushes for angle grinders — removing rust, paint, scale and preparing metal surfaces.

**NOVOTOOLS** Power brushes for angle grinder and drill · EN 1083-2 · 3 shapes:  
cup, bevel, wheel · crimped and knot wire

## CUP · CRIMPED WIRE · M14

5 SKU · 5 Ø

Ø	THICK.	THREAD	RPM	PACK	CRT.	SKU
65	0.3	M14	12 200	1	80	NTWB6514BC
75	0.3	M14	12 500	1	80	NTWB7514BC
85	0.3	M14	12 000	1	80	NTWB8514BC
100	0.3	M14	11 000	1	40	NTWB10014BC
125	0.3	M14	11 000	1	30	NTWB12514BC



## CUP · KNOT WIRE · M14

5 SKU · 5 Ø

Ø	THICK.	THREAD	RPM	PACK	CRT.	SKU
65	0.5	M14	12 200	1	80	NTWB6514ST
75	0.5	M14	12 500	1	80	NTWB7514ST
85	0.5	M14	12 000	1	80	NTWB8514ST
100	0.5	M14	11 000	1	40	NTWB10014ST
125	0.5	M14	11 000	1	30	NTWB12514ST



## CUP WITH SHROUD RING · REINFORCED KNOT · M14

4 SKU · 4 Ø

Ø	THICK.	THREAD	RPM	PACK	CRT.	SKU
65	0.5	M14	12 200	1	60	NTWB6514STS
75	0.5	M14	12 500	1	40	NTWB7514STS
90	0.5	M14	12 000	1	40	NTWB9014STS
100	0.5	M14	11 000	1	30	NTWB10014STS



### △ SAFETY AND CHOOSING POWER BRUSHES

Brushes **throw off individual wires at speed** — safety glasses, face shield and gloves are required; do not exceed RPM; replace at ~50% bristle wear. **Crimped** — gentle (paint, light rust); **knot (twisted)** — aggressive (scale, slag); **with shroud ring (STS)** — controlled aggressive form.

BEVEL · CRIMPED WIRE · M14

3 SKU · 3 Ø

Ø	THICK.	THREAD	RPM	PACK	CRT.	SKU
<b>100</b>	0.3	M14	11 000	1	80	NTBWB10014BC
<b>115</b>	0.3	M14	12 500	1	60	NTBWB11514BC
<b>125</b>	0.3	M14	11 000	1	60	NTBWB12514BC



BEVEL · KNOT WIRE · M14

3 SKU · 3 Ø

Ø	THICK.	THREAD	RPM	PACK	CRT.	SKU
<b>100</b>	0.5	M14	11 000	1	80	NTWBWB10014ST
<b>115</b>	0.5	M14	12 500	1	60	NTWBWB11514ST
<b>125</b>	0.5	M14	11 000	1	60	NTWBWB12514ST



WHEEL · KNOT · BORE 22.23

1 SKU · 1 Ø

Ø	THICK.	BORE	RPM	PACK	CRT.	SKU
<b>175</b>	0.5	22.23	8 000	1	80	NTWWB17522ST



FOR DRILL · 6 MM SHANK

2 SKU · 1 Ø

Ø	WIRE	THICK.	SHANK	RPM	PACK	CRT.	SKU
<b>75</b>	crimped wire	0.3	6 mm	12 500	1	120	NTWSB756BCS
	knot wire	0.5	6 mm	12 500	1	60	NTWSB756STS



MINI-BRUSH SETS

2 SKU · 1 Ø

Ø	WIRE	THICK.	MOUNTING	RPM	PACK	CRT.	SKU
<b>75</b>	crimped wire	0.3	6 mm	12 500	6	48	NTWB38506375BCS/6
	crimped wire	0.3	6 mm	12 500	4	48	NTWBSCS/4





## 17 – EXTENDED RANGE · FIBRE DISCS

# Fibre discs

For aggressive metal sanding, rust and paint removal, and surface prep. Used with a matching backing pad.

## FEATURES AND BENEFITS

### ◆ Stiff fibre backing

Stable contact with the workpiece — no vibration under lateral load.

### ◆ P24–P120 — full sequence

Rough → medium → finish on one backing pad.

### ◆ Zirconium (Extreme) / Al<sub>2</sub>O<sub>3</sub> (Profi)

Zirconium up to 5× longer life on stainless steel.

### ◆ Backing pad sold separately — NABPFD125F / H

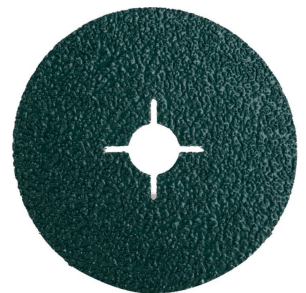
M14 backing pad — required accessory. F — soft flexible (finish, contours); H — stiff ribbed (aggressive removal).



## NOVOABRASIVE FIBRE DISCS · Ø125

Ø	GRIT	ABRASIVE	RPM	PACK	CRT.	SKU
125	P40	Zirconium corundum	12 250	25	1000	NAFD12540ZR
	P60	Zirconium corundum	12 250	25	1000	NAFD12560ZR
	P80	Zirconium corundum	12 250	25	1000	NAFD12580ZR
	P24	Aluminium oxide	12 250	25	500	NAFD12524AL
	P36	Aluminium oxide	12 250	25	500	NAFD12536AL
	P40	Aluminium oxide	12 250	25	1000	NAFD12540AL
	P60	Aluminium oxide	12 250	25	1000	NAFD12560AL
	P80	Aluminium oxide	12 250	25	1000	NAFD12580AL
	P100	Aluminium oxide	12 250	25	1000	NAFD125100AL
	P120	Aluminium oxide	12 250	25	1000	NAFD125120AL

10 SKU · 7 GRITS



### SYSTEM: FIBRE DISC + BACKING PAD

A fibre disc **cannot be used without a backing pad** — the pad provides stiffness and mounting. **NABPFD125H (stiff ribbed)** — aggressive even wear. **NABPFD125F (flexible smooth)** — finish, contours. Both are Ø125, M14, for angle grinders.



## 18 - EXTENDED RANGE · NON-WOVEN DISCS

# Non-woven discs

For gentle scratch-free cleaning and satin finishing of stainless, non-ferrous metals and coatings.

## FEATURES AND BENEFITS

- ◆ **Colour — NovoAbrasive system**  
Purple — coarser grit (P60–P80); black — finish grit (P100–P180). Differs from the 3M code (where blue = fine).
- ◆ **Removes rust, paint, oxide, glue**  
Without damaging the base metal — selective wear of coatings.
- ◆ **Leaves no scratches on metal**  
Ideal for final preparation before painting.
- ◆ **Works on angle grinder, drill, polisher**  
Universal 22.23 mm bore.



## NOVOABRASIVE NON-WOVEN DISCS · 13 MM THICK

Ø	THICK.	COLOUR	GRIT	BORE	RPM	PACK	CRT.	SKU
115	13	Purple (coarse)	P60–P80	22.23	8 300	5	50	NAPCS115
	13	Black (fine)	P100–P180	22.23	8 300	5	50	NASCS115
125	13	Purple (coarse)	P60–P80	22.23	7 600	5	50	NAPCS125
	13	Black (fine)	P100–P180	22.23	7 600	5	50	NASCS125

4 SKU · 2 Ø



### SATIN FINISH ON STAINLESS – IN 2 STEPS

**P120 flap disc** (NS2912125 / NPZR120125) → **black non-woven** (NASCS115/125). Gives an even satin look with no scratches.





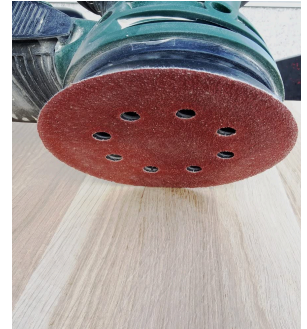
19 - EXTENDED RANGE · HOOK & LOOP DISCS

# Velcro sanding discs

For wood, metal, filler and paint. Quick changes on an orbital sander.

FEATURES AND BENEFITS

- ◆ **Hook-and-loop mounting**  
Grit change in 2 seconds — no tools.
- ◆ **8-hole perforation**  
Integrated dust extraction when used with a vacuum-equipped sander.
- ◆ **P40-P320 — full sequence**  
Rough → medium → finish sanding in 4-5 steps.
- ◆ **Compatible with orbital and vibratory sanders**  
Ø115/125/150/225 for all popular sanders.



NOVOABRASIVE VELCRO DISCS · Ø115 / Ø125

24 SKU · CONTINUED ON 037

Ø	GRIT	HOLES	ABRASIVE	PACK	CRT.	SKU
115	P40	8	Aluminium oxide	10	200	NASD811540
	P60	8	Aluminium oxide	10	200	NASD811560
	P80	8	Aluminium oxide	10	200	NASD811580
	P100	8	Aluminium oxide	10	200	NASD8115100
	P120	8	Aluminium oxide	10	200	NASD8115120
	P180	8	Aluminium oxide	10	200	NASD8115180
	P240	8	Aluminium oxide	10	200	NASD8115240
	P320	8	Aluminium oxide	10	200	NASD8115320
125	P40	0	Aluminium oxide	5	200	NASD12540
	P60	0	Aluminium oxide	5	200	NASD12560
	P80	0	Aluminium oxide	5	200	NASD12580
	P100	0	Aluminium oxide	5	200	NASD125100
	P120	0	Aluminium oxide	5	200	NASD125120
	P180	0	Aluminium oxide	5	200	NASD125180
	P240	0	Aluminium oxide	5	200	NASD125240
	P320	0	Aluminium oxide	5	200	NASD125320
	P40	8	Aluminium oxide	5	200	NASD812540
	P60	8	Aluminium oxide	5	200	NASD812560
	P80	8	Aluminium oxide	5	200	NASD812580
	P100	8	Aluminium oxide	5	200	NASD8125100
	P120	8	Aluminium oxide	5	200	NASD8125120
	P180	8	Aluminium oxide	5	200	NASD8125180
	P240	8	Aluminium oxide	5	200	NASD8125240
	P320	8	Aluminium oxide	5	200	NASD8125320



NOVOABRASIVE VELCRO DISCS · Ø150 / Ø225 (CONTINUED FROM P. 036)

24 SKU

Ø	GRIT	HOLES	ABRASIVE	PACK	CRT.	SKU
150	P40	0	Aluminium oxide	5	100	NASD15040
	P60	0	Aluminium oxide	5	100	NASD15060
	P80	0	Aluminium oxide	5	100	NASD15080
	P100	0	Aluminium oxide	5	100	NASD150100
	P120	0	Aluminium oxide	5	100	NASD150120
	P180	0	Aluminium oxide	5	100	NASD150180
	P240	0	Aluminium oxide	5	100	NASD150240
	P320	0	Aluminium oxide	5	100	NASD150320
	P40	8	Aluminium oxide	5	100	NASD815040
	P60	8	Aluminium oxide	5	100	NASD815060
	P80	8	Aluminium oxide	5	100	NASD815080
	P100	8	Aluminium oxide	5	100	NASD8150100
	P120	8	Aluminium oxide	5	100	NASD8150120
	P180	8	Aluminium oxide	5	100	NASD8150180
P240	8	Aluminium oxide	5	100	NASD8150240	
P320	8	Aluminium oxide	5	100	NASD8150320	
225	P40	8	Aluminium oxide	5	100	NASD822540
	P60	8	Aluminium oxide	5	100	NASD822560
	P80	8	Aluminium oxide	5	100	NASD822580
	P100	8	Aluminium oxide	5	100	NASD8225100
	P120	8	Aluminium oxide	5	100	NASD8225120
	P180	8	Aluminium oxide	5	100	NASD8225180
	P240	8	Aluminium oxide	5	100	NASD8225240
	P320	8	Aluminium oxide	5	100	NASD8225320



**A VACUUM EXTENDS DISC LIFE**

Open 8-hole perforations only work with a vacuum. With vacuum: **+2x disc life**, cleaner air, better surface visibility.



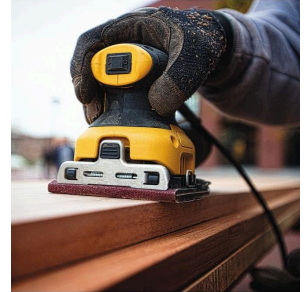
## 20 - EXTENDED RANGE · SANDING BELTS

# Sanding belts

For belt sanders — wood, metal, paint, plastic. Continuous fast finishing.

## FEATURES AND BENEFITS

- ◆ **Endless form**  
For belt sanders and stationary machines — no tracking drift.
- ◆ **High-strength cloth backing**  
Withstands high tension without tearing.
- ◆ **Sizes 75×457 / 75×533 / 100×610**  
Fits all popular sander models.
- ◆ **Wood, metal, plastic, paint**  
Versatile P40–P120 abrasive.



## NOVOABRASIVE SANDING BELTS · CLOTH X · ALUMINIUM OXIDE

15 SKU · 3 SIZES × 5 GRITS

SIZE	GRIT	ABRASIVE	PACK	CRT.	SKU
75×457	P40	Aluminium oxide	3	100	NASB7545740
	P60	Aluminium oxide	3	100	NASB7545760
	P80	Aluminium oxide	3	100	NASB7545780
	P100	Aluminium oxide	3	100	NASB75457100
	P120	Aluminium oxide	3	100	NASB75457120
75×533	P40	Aluminium oxide	3	100	NASB7553340
	P60	Aluminium oxide	3	100	NASB7553360
	P80	Aluminium oxide	3	100	NASB7553380
	P100	Aluminium oxide	3	100	NASB75533100
	P120	Aluminium oxide	3	100	NASB75533120
100×610	P40	Aluminium oxide	3	60	NASB10061040
	P60	Aluminium oxide	3	60	NASB10061060
	P80	Aluminium oxide	3	100	NASB10061080
	P100	Aluminium oxide	3	60	NASB100610100
	P120	Aluminium oxide	3	60	NASB100610120



## DIRECTION OF TRAVEL AND JOINT

The belt has a **direction-of-rotation arrow** — fit it the right way round or the joint may part. Joint type — **butt-joint** (no overlap).



21 - EXTENDED RANGE · SANDING ROLLS

# Sanding rolls

For continuous hand work on large surfaces — wood, drywall, filler, paint.

FEATURES AND BENEFITS

- ◆ **50 m roll — saves up to 60%**  
Compared to sheets of the same size.
- ◆ **Width 115 / 200 mm**  
115 mm — paper backing; 200 mm — cloth.
- ◆ **Paper or cloth backing**  
Paper — dry work; cloth — wet and harder sanding.
- ◆ **Cut to fit your block**  
Minimum waste for any shape of work.



NOVOABRASIVE SANDING ROLLS · 50 M

18 SKU · 2 WIDTHS · EXPECTED

WIDTH	LENGTH	GRIT	BACKING	PACK	CRT.	SKU
115 mm	50 m	P40	Paper	1	2	NASPFR1155040
	50 m	P60	Paper	1	2	NASPFR1155060
	50 m	P80	Paper	1	2	NASPFR1155080
	50 m	P100	Paper	1	2	NASPFR11550100
	50 m	P120	Paper	1	2	NASPFR11550120
	50 m	P150	Paper	1	2	NASPFR11550150
	50 m	P180	Paper	1	2	NASPFR11550180
	50 m	P220	Paper	1	2	NASPFR11550220
	50 m	P240	Paper	1	2	NASPFR11550240
	50 m	P320	Paper	1	2	NASPFR11550320
200 mm	50 m	P60	Cloth	1	2	NASPR2005060
	50 m	P80	Cloth	1	2	NASPR2005080
	50 m	P100	Cloth	1	2	NASPR20050100
	50 m	P120	Cloth	1	2	NASPR20050120
	50 m	P150	Cloth	1	2	NASPR20050150
	50 m	P180	Cloth	1	2	NASPR20050180
	50 m	P240	Cloth	1	2	NASPR20050240
	50 m	P320	Cloth	1	2	NASPR20050320





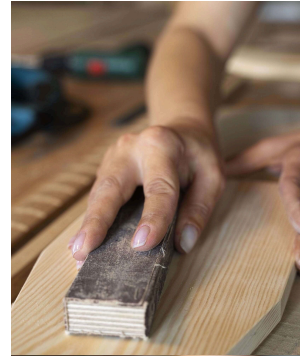
22 - EXTENDED RANGE · SANDING SHEETS

# Sanding sheets

For hand work on flat surfaces — standard formats for sanding blocks.

### FEATURES AND BENEFITS

- ◆ **Standard size 230×280**  
Fits all vibratory sanders.
- ◆ **Cloth and waterproof backings**  
Cloth — dry work on wood and metal;  
waterproof — wet sanding.
- ◆ **P80–P2000 — full sequence**  
Cloth backing (P80–P240) — dry work;  
waterproof (P600–P2000) — wet sanding for  
clear coat.
- ◆ **Packs of 50**  
Saves up to 30% for workshops and auto  
bodyshops.



### NOVOABRASIVE SANDING SHEETS · 230×280 MM

8 SKU · 8 GRITS

SIZE	GRIT	BACKING	ABRASIVE	PACK	CRT.	SKU
<b>230×280</b>	P80	Cloth	Aluminium oxide	50	500	NASPS232880
	P100	Cloth	Aluminium oxide	50	500	NASPS2328100
	P180	Cloth	Aluminium oxide	50	500	NASPS2328180
	P240	Cloth	Aluminium oxide	50	500	NASPS2328240
<b>230×280</b>	P600	Waterproof	Silicon carbide	50	500	NASPSW2328600
	P800	Waterproof	Silicon carbide	50	500	NASPSW2328800
	P1000	Waterproof	Silicon carbide	50	500	NASPSW23281000
	P2000	Waterproof	Silicon carbide	50	500	NASPSW23282000





23 — EXTENDED RANGE · SANDING MESH

# Sanding mesh

Quick-change mesh for sanders and hand work — minimum dust, no clogging.

## FEATURES AND BENEFITS

### ◆ Open structure

Dust passes through the holes — the mesh does not clog.

### ◆ Washable and reusable

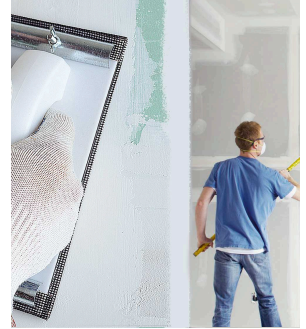
Rinse with water — most cutting performance returns.

### ◆ Silicon carbide

Especially effective on filler, drywall and plaster.

### ◆ Size 115×280

For plasterer's and household sanding blocks.



NOVOABRASIVE SANDING MESH · 115×280 MM

7 SKU · 7 GRITS

SIZE	GRIT	ABRASIVE	PACK	CRT.	SKU
115×280	P60	Silicon carbide	5	100	NASM11528060
	P80	Silicon carbide	5	100	NASM11528080
	P100	Silicon carbide	5	100	NASM115280100
	P120	Silicon carbide	5	100	NASM115280120
	P180	Silicon carbide	5	100	NASM115280180
	P240	Silicon carbide	5	100	NASM115280240
	P320	Silicon carbide	5	100	NASM115280320



## GRIT SEQUENCE RULE

Do not skip more than one grit step — each next abrasive must remove the scratches of the previous one. Why the mesh does not clog: open structure — dust passes through to the vacuum.



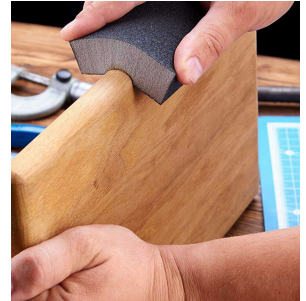
## 24 – EXTENDED RANGE · SANDING SPONGES

# Sanding sponges

For sanding profiles, edges and hard-to-reach areas. Can be used with water.

## FEATURES AND BENEFITS

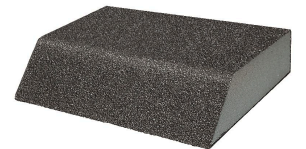
- ◆ **Four-sided abrasive coating**  
An economical replacement for four sheets.
- ◆ **Density 70 kg/m<sup>3</sup>**  
Balance of flexibility and wear resistance.
- ◆ **Flexible foam — follows shape**  
Corners, profiles and curves without abrasive tearing.
- ◆ **Dry and wet sanding**  
Wood, filler, paint — all-purpose.



## NOVOABRASIVE SANDING SPONGES · GROUPED BY SIZE

SIZE	SHAPE	GRIT	PACK	CRT.	SKU
100×68×26	Rectangular	P80	1	288	NASS682680
	Rectangular	P120	1	288	NASS6826120
	Rectangular	P180	1	288	NASS6826180
	Rectangular	P240	1	288	NASS6826240
	Rectangular	P320	1	288	NASS6826320
100×68×42×26	Trapezoid	P80	1	288	NASS68422680
	Trapezoid	P120	1	288	NASS684226120
	Trapezoid	P180	1	288	NASS684226180
	Trapezoid	P240	1	288	NASS684226240
	Trapezoid	P320	1	288	NASS684226320

10 SKU · 2 SIZES



### WET SANDING – LESS DUST, BETTER CONTROL

A wet sponge **does not raise dust**, does not clog and gives a more even finish on filler and paint. Especially useful before clear coat: P240 → rinse → check flatness.



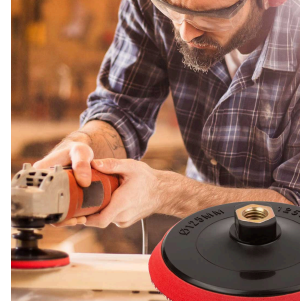
## 25 – EXTENDED RANGE · BACKING PADS

# Backing pads

Backing pads for fibre discs — provide stiffness and distribute pressure; M14 for angle grinders.

## FEATURES AND BENEFITS

- ◆ **Direct M14 mounting**  
Direct to angle grinder without adapters. Sub version — for drill.
- ◆ **Smooth or hook-and-loop type**  
Smooth — for fibre discs; hook-and-loop — for velcro discs.
- ◆ **Flexible backing**  
Follows surface micro-relief without damage.
- ◆ **Ø100/115/125/150**  
Full range for your task and sander.



## NOVOTOOLS / NOVOABRASIVE BACKING PADS · M14

Ø	TYPE	PACK	CRT.	SKU
100	Hook-and-loop backing pad	1	100	NTRVD10014
	Diamond backing pad	1	100	NTRDP100
115	Hook-and-loop backing pad	1	100	NTRVD11514
125	Hook-and-loop backing pad	1	100	NTRVD125142
	Fibre disc backing (flexible)	1	100	NABPFD125F
	Fibre disc backing (ribbed)	1	100	NABPFD125H
150	Hook-and-loop backing pad	1	60	NTRV15014
	Hook-and-loop backing pad	1	60	NTRVD15014

8 SKU · 4 Ø



## NOVOTOOLS SANDING BLOCKS

Ø	TYPE	PACK	CRT.	SKU
125	Hand sanding block	1	100	NTRSB125
	Hand sanding block	1	125	NTSB125
150	Hand sanding block	1	80	NTRSB150

3 SKU · 2 Ø





# Ten rules. No exceptions.

EN 12413

10 RULES

**01 Personal protective equipment**  
Safety glasses, ear defenders, respirator, gloves, workwear. **Do not start work without PPE.**

**02 Pre-use disc inspection**  
Check for cracks, chips, deformation. Check the production date — **shelf life is 3 years.**

**03 Speed matching**  
The disc's maximum rpm must **exceed** the tool's rpm. Never the other way round.

**04 Mounting and flanges**  
Only original flanges from the manufacturer. The bore must **exactly match** the spindle.

**05 Trial run**  
After fitting — **30 seconds at max rpm** in a guarded area, unloaded.

**06 Prohibited actions**  
**Do not** grind with a cutting disc. Do not change the bore. Do not use expired discs.

**07 Storage and shelf life**  
Dry room **18–22 °C**, humidity 45–65%. Bakelite-bonded wheels — **3 years** from the production date (see marking on the wheel).

**08 Disposal**  
Used abrasives go in **solid industrial waste**. Do not burn bakelite residues.

**09 Vibration monitoring**  
Tingling fingers after **10 min** of work — **stop**. These are the first signs of hand-arm vibration syndrome (HAVS). Take breaks, rotate operators.

**10 Damage before disposal**  
Before throwing out a worn disc **physically damage** it (break it or cut into it) — so no one picks up and reuses the unsafe tool.

## WHY THESE RULES ARE NOT JUST PAPERWORK

About **30% of abrasive-tool injuries** are from wheel disintegration at speed. **~25%** are kickback. Rim speed on a Ø125 disc at 12,000 rpm = **~80 m/s** — comparable to an air-pistol pellet. Safety glasses, face shield, guard and following the rules above are not paperwork.

PACKAGING · EXPORT STANDARDS

# Packed to arrive.

EUR · ISTA-3A

**35+ countries**

## Primary packaging

European shrink film in packs of **10–25 pcs.** Markings: SKU, date, shift, EAN-13 barcode.



## Carton

Corrugated **T-23 / T-24.** Sizes standardised to the Euro pallet — 1200 × 800 mm. Contents — 25–50 packs.



## Pallet build

Euro pallet **1200 × 800 mm, 120 kg max.** Stretch film + corner protection. Crane- and stack-ready.



## Delivery within Ukraine

**Nova Poshta, Raben,** own transport. Lead time: 1–3 days. Shipped from Nova Vodolaha (Kharkiv region).



## Export (EU / CIS)

DAP · FCA · EXW — per Incoterms 2020. **Documents: CMR, EUR.1, MPA cert.** 20-foot container — up to 24 t.



## Storage

Dry room, **+5...+30 °C,** humidity up to 65%. Shelf life — 36 months from the production date.



# We stand behind every wheel.

PERIOD

**36 mo**

- 01 Manufacturing defect** **100% REPLACEMENT**

Delamination, cracks, rpm mismatch, marking mismatch — **full replacement or compensation** at the manufacturer's expense.
- 02 Shelf life** **36 MONTHS**

36 months from the production date (shown on every wheel). **After expiry** the disc may not be used.
- 03 Return procedure** **5 DAYS**

Request to [info@novoabrasive.com](mailto:info@novoabrasive.com) + photo of defect + report. Review — **up to 5 working days**, replacement with the next shipment.
- 04 Non-warranty cases** **EXCLUSION**

Storage condition breaches, misuse, mechanical damage, wrong rpm, **expired shelf life**.
- 05 Quality certificates** **ON REQUEST**

A **manufacturer's certificate** with test results is supplied with every batch. On request — MPA certificate, ISO 9001.



# Mistakes & wear

How to recognise common problems, what causes them and how to avoid them. Save your wheels, tools and time.

## 01 · PROBLEM

### Glazing

**Signs:** Wheel is shiny, stopped cutting, overheats.

**Cause:** Too much pressure or wrong abrasive for the material.

**What to do:** Reduce pressure; dress the wheel (for grinding wheels); switch to the correct abrasive.

## 02 · PROBLEM

### Cracks on the wheel

**Signs:** Visible radial or concentric cracks after impact or over time.

**Cause:** Expired wheel, drop, incorrect storage.

**What to do:** Remove and dispose immediately. Check the production date (3 years).

## 03 · PROBLEM

### Side wear on the disc

**Signs:** Thin cutting disc unevenly worn on one side.

**Cause:** Working with the side face (grinding with a cutting disc).

**What to do:** Cutting discs — edge only. For grinding — T27 6–8 mm.

## 04 · PROBLEM

### Segments came off the diamond disc

**Signs:** Segment partly or fully detached.

**Cause:** Overheating without cooling (dry cutting for too long).

**What to do:** Interval passes 10–15 s with breaks; wet cutting for long runs.

## 05 · PROBLEM

### Burned TCT edge

**Signs:** Saw blade teeth turn blue/black, blunt quickly.

**Cause:** Excessive feed, blunt disc, wrong rpm.

**What to do:** Reduce feed; check rpm for the material; the disc may need sharpening.

## 06 · PROBLEM

### Clogged paper/mesh

**Signs:** Sheet or mesh stopped cutting quickly, clogged with dust.

**Cause:** Working on soft material (paint, filler) without dust extraction.

**What to do:** Mesh — for filler/plaster (does not clog); connect a vacuum to velcro discs.



## 31 – REFERENCE · TOOL COMPATIBILITY

# Tool compatibility

Which wheel fits which tool. RPM and bore first, then everything else.

## POWER TOOL → COMPATIBLE ABRASIVES

RPM &amp; BORE

TOOL	WHEEL Ø	MAX RPM	BORE	COMPATIBLE ABRASIVES
Small angle grinder (Bosch GWS 7-125, Makita 9558)	115 / 125	11,000–13,300	M14 + Ø22.23	Cutting, grinding T27/T1, flap T27/T29, fibre, velcro Ø115/125, diamond Ø115/125
Large angle grinder (Bosch GWS 22-230, Makita GA9020)	180 / 230	6,600–8,600	M14 + Ø22.23	Cutting Ø180/230, grinding Ø180/230, flap Ø180, diamond Ø180/230, velcro Ø150/225
Handheld circular saw	150 / 165 / 185 / 190	5,500–6,000	Ø20 / Ø30	WellCut TCT saw blades
Mitre / table saw	210 / 250 / 254 / 305	3,500–5,500	Ø25.4 / Ø30	Large-diameter TCT saw blades
Belt sander	75 × 457 / 533 / 100 × 610	–	–	Sanding belts of the matching size
Orbital sander (DA)	125 / 150	8,000–13,000	Hook & Loop	Velcro discs Ø125/150 with dust extraction (8-hole)
Drill / screwdriver	≤75	2,500–3,500	Ø6 shank	Shank-mounted mini-brushes, polishing pads
Polisher	100 / 150	2,800–3,700	M14 + Velcro	Diamond polishing pads P30–P3000, backing pad NTRDP100
Stationary cut-off machine	300 / 350 / 400	3,800–5,100	Ø25.4 / Ø32	Cutting Ø300/350/400, unreinforced, rail (NBF)

## BORE – THE KEY COMPATIBILITY

**Ø22.23 mm** (≈7/8") — the standard for all angle grinders. **M14** — threaded mount for cup and bevel brushes and backing pads. **Ø20 / 25.4 / 30 / 32 mm** — saw blades (circular, mitre, stationary machines). **Ø6 mm shank** — for drills. Bore mismatch is categorically forbidden: the flange will not hold the wheel.



# FAQ & troubleshooting

Common customer questions with answers from sales and tech support — so you are not caught out on the phone.

## Why is the disc burning the metal?

**Excessive pressure** — the disc cuts under its own weight, do not push. **Blunt** — replace. **Wrong abrasive** — for stainless only Fe+Cl+S <0.1% (zirconium/ceramic). **Wrong size** — thin metal needs a thin disc.

## Why is the cut crooked?

**Lateral pressure** — guide only in the disc's plane. **Worn or wrong flange**. **Tool runout** — check the bearings. **Wrong bore** — the disc has play.

## Can I cut stainless with an ordinary metal disc?

**Absolutely not.** Ordinary discs contain Fe and S, which transfer to the stainless cutting edge and cause **intergranular corrosion** within 2–4 weeks. Only INOX-marked discs (no Fe/S): zirconium and ceramic EXTREME.

## Why did my fibre disc burn out in 2 minutes?

**Too steep an angle** (>10°) — only the edge does the work. **Wrong backing pad** — aggressive removal needs the **stiff ribbed** pad (NABPFD125H), not the flexible one (NABPFD125F). **Excessive feed** — move smoothly, do not push.

## How do I tell if a wheel is expired?

The wheel has a production date (MM/YYYY or week/year). Bakelite-bonded wheels have a **3-year** shelf life from that date. An expired wheel loses bond strength and may burst at speed — **remove and dispose immediately.**

## What does the colour of a non-woven disc mean?

In NovoAbrasive: **purple** — coarser grit (P60–P80), for rust/scale removal. **Black** — finish grit (P100–P180), for satin work and paint prep. 3M uses a different system — do not confuse them when cross-buying.

## Can I fit a saw blade on an angle grinder?

Only the **special 3T wood disc** (NTPSB1153T / 1253T) marked for the angle-grinder bore with the matching flange. Ordinary circular saw blades are **forbidden**: angle-grinder rpm is 2–3× higher, risk of kickback, serious injury.



# Glossary

Marking, typology and standards terms — equally useful to sales, new hires and B2B partners.

**T41** — Flat cutting disc, no depressed centre.

**T42** — Cutting disc with depressed centre — cut flush with the surface.

**T27** — Grinding wheel with depressed centre, 0–15° angle.

**T29** — Conical flap disc for 15–25° angles.

**T1** — Flat grinding wheel for bench machines.

**FEPA** — Federation of European Producers of Abrasives — the "P" grit system.

**FEPA P-grit** — The higher the number, the finer the grain. P40 — coarse, P2000 — polish.

**Bonded abrasive** — Bonded abrasive — grain in a resin (bakelite) matrix. EN 12413 standard.

**Coated abrasive** — Coated abrasive — grain on a flexible backing. EN 13743 standard.

**Superabrasive** — Diamond / cBN. EN 13236 standard.

**SBF / RBF / NBF** — Bakelite bonds: S — standard, R — for stone, N — for rail steels.

**A / C** — A — aluminium oxide (metal), C — silicon carbide (stone, concrete).

**INOX** — Stainless steel. Only Fe+Cl+S <0.1% discs (zirconium, ceramic).

**Ferrous / Non-ferrous** — Ferrous (Fe) / non-ferrous metals (Al, Cu, brass).

**ATB** — Alternate Top Bevel — all-purpose tooth geometry (crosscut/combination).

**TCG** — Triple Chip Grind — laminate, plastic, non-ferrous metal.

**FTG** — Flat Top Grind — fast rip along the grain.

**TCT** — Tungsten Carbide Tipped — carbide-tipped saw-blade teeth.

**Hook & loop / Velcro** — Hook-and-loop backing — fast sheet changes without tools.

**Lap / Butt joint** — Endless-belt joint type: lap — overlapped, butt — edge-to-edge.

**Knot / Crimped wire** — Knot / crimped wire in brushes — stiff or soft.

**Cup / Bevel / Wheel** — Power-brush shapes: cup, bevel, wheel.



## 34 — REFERENCE · ABRASIVE BASICS

# Abrasive basics

A short reference for customers and staff: how to read the wheel marking, what the grit means, which standards apply and how to work safely.

## 1 · BONDED WHEEL MARKING — EXAMPLE "A30 SBF"

A	30	S	BF
<b>ABRASIVE</b> A — aluminium oxide (steel, metal) C — silicon carbide (stone, concrete)	<b>GRIT</b> Lower number — coarser grain and faster cut; higher — finer finish.	<b>BOND HARDNESS</b> Letter before BF (S / R / N) — bond hardness grade.	<b>BOND</b> BF — bakelite bond, glass-fibre reinforced.

## 2 · GRIT SCALE (FEPA "P")

<b>P40–P60</b> rough removal	<b>P80–P120</b> medium	<b>P150–P240</b> finish	<b>P320–P600</b> fine	<b>P800–P2000</b> polishing
---------------------------------	---------------------------	----------------------------	--------------------------	--------------------------------

### SEQUENCE RULE

Do not skip more than one grit step — each next abrasive must remove the scratches of the previous one.

## 3 · SAFETY STANDARDS BY PRODUCT GROUP

STANDARD	APPLICATION
EN 12413	Bonded abrasives — cutting and grinding wheels
EN 13743	Coated abrasives — flap, fibre, non-woven
EN 13236	Diamond (super-abrasive) tools — cutting and grinding
EN 847-1	Saw blades for woodworking
EN 1083-2	Power brushes with metal wire

## 4 · STORAGE AND SHELF LIFE

**Shelf life** (from the production date on the wheel): bakelite **3 yr** · vulcanite **5 yr** · ceramic **10 yr**. | **Conditions:** 18–22 °C, humidity 45–65%, no sunlight or temperature swings | stack **horizontally, ≤25 cm**. | **Ring test before mounting:** lightly tap the disc edge with plastic — a sound wheel "**rings**", a cracked one sounds **dull** (remove immediately).

### △ GOLDEN SAFETY RULES

Wheel max rpm  $\geq$  tool rpm. Maximum peripheral speed for bonded abrasives — **80 m/s**. Always wear the **guard and safety glasses**. Chipped or cracked wheels — remove immediately.



28 · GET IN TOUCH · REPLY WITHIN 24 HOURS

# Get in touch. Let's talk.

RESPONSE  
**24 h**

## 01 · CONTACT

## Contact

### NovoAbrasive LLC

144-A Kharkivska Str., Nova Vodolaha,  
Kharkiv region, 63202, Ukraine

EMAIL	<a href="mailto:info@novoabrasive.com">info@novoabrasive.com</a>
EXPORT · FOREIGN TRADE	<a href="mailto:export@novoabrasive.com">export@novoabrasive.com</a>
PHONE	+38 (057) 766 36 28
WEB	<a href="http://novoabrasive.com">novoabrasive.com</a>
HOURS	Mon–Fri · 09:00–18:00
LANGUAGES	Ukrainian · English
DELIVERY	Nova Poshta · Raben · own transport

## 02 · PROCESS

## How to order

- 01 Enquiry**  
Email [info@novoabrasive.com](mailto:info@novoabrasive.com) with your product list and quantities.
- 02 Quote**  
Commercial offer with prices, lead times and delivery — within **24 hours**.
- 03 Payment**  
Bank transfer or cash-on-delivery via Nova Poshta.
- 04 Production**  
**3–5 days from stock**, up to 4 weeks for made-to-order.
- 05 Dispatch**  
Shipped from Nova Vodolaha. Within Ukraine — 1–3 days by Nova Poshta.



# Cut. Grind. Work.

European quality. Ukrainian strength. **466 SKUs**  
under the NovoAbrasive · NovoTools · WellCut  
brands.

EMAIL / WEB

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

PHONE

+38 (057)  
766 36 28

MADE IN

**Ukraine  
2026**

CERT.

MPA  
EN 12413  
ISO 9001