



• MPA HANNOVER CERTIFIED

Product Catalogue

Cutting & grinding discs and more — all manufactured in Ukraine using Italian technology and European raw materials.

EUROPEAN QUALITY. **UKRAINIAN POWER.**

30M+

PIECES PER
YEAR

35+

COUNTRIES

50+

PRIVATE
LABELS

14+

YEARS

FEPA

MPA HANNOVER

EN 12413

ISO 9001

EUR.1

EUROPEAN CERTIFIED MANUFACTURER

**NO COMPROMISE.
NO LIMITS.
ONLY PERFORMANCE.**

**BUILT FOR PROFESSIONALS.
ENGINEERED FOR EUROPE.**

Manufactured in Ukraine using Italian technology and European raw materials.

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QUICK FACTS

Founded	2012
Location	Kharkiv, Ukraine
Employees	135+
Capacity	30M+ pieces per year
Export	35+ countries
EU Warehouse	Rzeszów, Poland

PRODUCT SERIES

- STANDARD** Quality starts here.
- PROFI** Pro results. Fair prices.
- EXTREME** No limits. No compromise.

100% SAFETY TESTED

Certified **oSa** testing equipment (**Abrapress S.r.l.**, Italy) on site.

EVERY BATCH VERIFIED:

- **Burst Speed Test** — 3.5x max RPM
- **Side Load Test** — lateral force resistance
- **Impact Test** — pendulum shock resistance

Your guarantee of European safety compliance.

OUR BRANDS

NovoAbrasive®
Bonded & Coated Abrasives

NovoTools®
Diamond & Power Tool Accessories

PRIVATE LABEL

YOUR BRAND. OUR EXPERTISE.

Trusted by **50+ brands** worldwide. Full cycle from design to EU delivery in just 30 days. **EUR.1** certificate for duty-free export.

About NovoAbrasive

NovoAbrasive, founded in 2012 in the Kharkiv region, is a Ukrainian manufacturer of bonded and coated abrasive tools. We produce over **30 million cutting and grinding discs** per year using Italian automated equipment and European raw materials. Our products are exported to **35+ countries** and trusted by industrial manufacturers, distributors, and professional contractors worldwide.

 **NovoAbrasive is the only Ukrainian manufacturer with MPA Hannover certification** — the German materials testing authority that ensures compliance with EN 12413 safety standards. This certification is typically reserved for European producers.

 **Italian Technology**

Automated production lines by **Davide Maternini S.p.A.** (Italy) and **Abrapress S.r.l.** (Italy) ensure precision forming and uniform abrasive distribution in every disc.

 **European Raw Materials**

Abrasive grains, phenol-formaldehyde resins and reinforcing mesh are sourced from **Austria, Germany, Poland** and Slovakia, and are tested in-house before production.

 **9-Level Quality Control**

Every batch passes **9 inspection stages**: raw material analysis, mixture control, press parameter verification, dimensional check, visual & marking inspection, rupture test, lateral load test, impact test, and control cut verification.

 **Global Logistics**

EU warehouse in **Rzeszów, Poland** for rapid European distribution. **EUR.1 certificates** for 0% duty imports. Flexible shipping from as little as one pallet.

30M+
PIECES PER YEAR

35+
COUNTRIES

628
SKUS

135+
EMPLOYEES

50+
PRIVATE LABELS

2012
Founded. Italian equipment installed. Production launched.

2015
ISO 9001 certified. MPA Hannover testing passed.

2017
FEPA member. Export to 20+ countries.

2020
30M annual capacity reached. 50+ private labels.

2022
35+ countries. EU warehouse. 628 SKUs.



Production Process

Our factory in **Nova Vodolaha, Kharkiv region** operates on **Italian automated production lines** by Davide Maternini S.p.A. and Abrapress S.r.l., producing over **30 million bonded abrasive products annually**. Every stage — from raw material intake to final packaging — follows strict European manufacturing protocols.

RAW MATERIALS & SUPPLIERS

Abrasive Grains Electrocorundum, Zirconia, Ceramic Austria · Germany · China	Resins Phenol-formaldehyde binders Germany	Fibreglass Reinforcing mesh layers Poland · Slovakia · China	Backings Paper, cloth, velcro substrates Turkey · China
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6-STEP MANUFACTURING PROCESS

 <p>1</p>	 <p>2</p>	 <p>3</p>
Mesh Cutting Fiberglass reinforcing mesh cut on automatic press with mm precision for each disc diameter.	Mix Preparation Phenol-formaldehyde resin blended with abrasive grain from Austrian and German suppliers. Precise weighing and moisture control.	Press Forming Italian presses by Davide Maternini S.p.A. and Abrapress S.r.l. with precise pressure and temperature control.
 <p>4</p>	 <p>5</p>	 <p>6</p>
Bakelization Thermal curing in industrial furnaces following controlled temperature profiles for final strength and durability.	Quality Control Burst test and side load test per EN 12413 on MPA Hannover-certified equipment. Every batch tested.	Packaging Visual inspection, safety labeling per EN 12413, batch traceability code for final quality control.

PRESS EQUIPMENT Davide Maternini S.p.A.	FORMING PRESSES Abrapress S.r.l.	ORIGIN Made in Italy
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Certifications & Standards

Every NovoAbrasive product is manufactured, tested, and certified to the **strictest European safety and quality standards**. Our certifications are not self-declared — they are independently verified by accredited international laboratories and industry bodies.

MPA Hannover

Since 2015

Materialprüfanstalt Hannover, Germany

An independent German materials testing authority that validates compliance with **EN 12413** through laboratory burst and load tests. NovoAbrasive is the **only Ukrainian manufacturer** holding this certification — one typically reserved for European producers.

ISO 9001:2015

Since 2015

Quality Management System

Internationally recognised quality management standard covering the **entire production cycle**: from raw material procurement and incoming inspection to manufacturing, testing, and dispatch. Audited and re-certified annually.

EN 12413

Bonded Abrasives

Safety of Bonded Abrasive Products

The core European safety standard for cutting and grinding discs. Defines **maximum operating speeds**, mechanical strength requirements, marking rules (11 mandatory elements), and testing procedures. All NovoAbrasive discs are fully compliant.

FEPA

Member since 2017

Federation of European Producers of Abrasives

The industry association setting standards for European abrasive manufacturers for **over 70 years**. Membership validates commitment to **FEPA safety codes**, grit size standards (P-grading), and responsible manufacturing practices.

oSa

Compliant

Organisation for the Safety of Abrasives

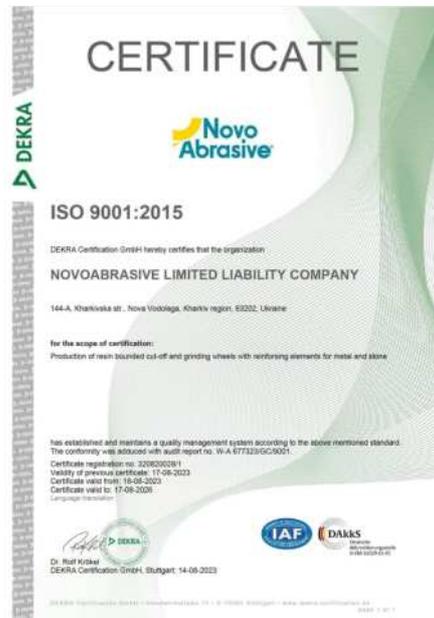
European safety organisation for abrasive products. Our factory uses testing equipment from Abrapress S.r.l. (Italy) certified to **oSa** standards — the same systems employed by Europe's leading abrasive manufacturers. Every batch undergoes three destructive tests.

EUR.1

Certificate of Origin

Preferential Origin for EU & FTA Countries

Official certificate confirming Ukrainian origin of goods. Enables **0% customs duty** on imports into EU member states and 50+ countries with free trade agreements. Issued per shipment by the Ukrainian Chamber of Commerce.



9-Level Quality Control

SAFETY FIRST. EVERY DISC TESTED.

Our facility is equipped with testing systems from Abrapress S.r.l. (Italy) certified to oSa standards — the same equipment used by Europe's leading abrasive manufacturers. Every single disc we produce undergoes three critical destructive safety tests before leaving the factory:

Burst Speed

Rotational resistance at up to 3.5x rated RPM

Side Load

Lateral force resistance simulating real grinding pressure

Impact

Shock absorption under repeated pendulum strikes

100% batch testing. Zero exceptions. Full traceability.



1 Raw Material Inspection

Fractional and chemical analysis of abrasive grain. Testing of resin parameters before production admission.



2 Mixture Control

Moisture control, precise component weighing and laboratory analysis of mix composition for each batch.



3 Formation Control

Measurement of weight, thickness, diameter and balance of each product after pressing.



4 Heat Treatment Control

Monitoring temperature profiles in industrial furnaces to ensure proper bakelization cycle.



5 Side Load Test

Resistance to lateral forces simulating real-world operating conditions and uneven pressure.

EN 12413



6 Burst Test

Rotational test at maximum speed per EN 12413. Peripheral speed up to 80 m/s on MPA-certified equipment.

MPA HANNOVER



7 Visual Inspection

Labeling verification, safety pictograms per EN 12413, geometry and surface defect check.



8 Sound Index

Acoustic hardness control verifying adherence to specifications for disc designation.



9 Cut Quality Control

Automated test cuts confirming cutting characteristics, speed, and cut cleanliness pre-shipment.

100% batch testing. Zero exceptions. Full traceability.

EN 12413

oSa

MPA

Private Label & OEM

YOUR BRAND. OUR PRODUCTION.

European Quality

at 30–50% lower cost than European producers.

Italian equipment · European raw materials · MPA Hannover certified · 9-level QC.

Price: 30–50% lower than Europe

European-level quality at significantly lower cost. Same equipment, same raw materials, same certifications — maximum margin for your business.

Production: 15–25 Days

3–4× faster than China. Both standard and custom orders are available. We make the discs – you make the margins. React quickly to demand, launch new products faster, and free up your capital.

50+ Brands Trust Us

From local brands to international chains, we provide an individual approach. Minimum order quantities, specifications, label design, packaging — all are customised to your needs.

Certified Quality

MPA Hannover, EN 12413, ISO 9001:2015, FEPA – your private label products carry full European certifications under your brand.

EU Warehouse

Stock available in Poland. Ships within days – no production lead time.

Door-to-Door

We handle logistics from our EU warehouse to yours. Anywhere in the EU.

EU Customs Cleared

Import via our Polish company. No declarations, no duties, no paperwork on your side.

EU Invoicing

Work with a European entity. Pay in EUR within the single market. No currency exchange risks.

SUPPLIER COMPARISON

	China	Europe	NovoAbrasive
Price	Low, but +20–40% hidden costs	High (+40–60%)	–30–50% vs Europe
Quality	Inconsistent, no certs	High	MPA / EN 12413 / ISO
Production	45–60 days	30–60 days	from 15 days
Delivery	30–60 days (sea)	3–7 days	3–7 days (EU stock / Ukraine)
Order to Warehouse	90–180 days	35–70 days	15–25 days
Customs	Buyer arranges	Not needed (EU)	Not needed (handled by our EU company)
Flexibility	Medium	Low	High
Payments	International transfers	Within EU	Within EU / Ukraine
Certificate EUR.1	No	Yes	Yes

Become a Distributor

Your Territory. Your Business.

Exclusive distribution with **full territory protection** — we commit not to sell to any other buyers in your region and redirect all incoming enquiries to you. It's a ready-made business with European certifications and minimal entry risk.

DISTRIBUTION PACKAGE

- **Full product range** — cutting and grinding discs, flap discs, and diamond blades under the NovoAbrasive and NovoTools brands, plus private label production
- **Complete documentation** with every shipment: Invoice, CMR, EUR.1 Certificate, Quality Certificate, Packing List
- **Quality guarantee** — free replacement of defective products, with a discount applied to your next order as compensation
- **Production lead time:** 15–25 days for in-house products and 90 days for externally sourced items. Full refund if deadlines are not met

FINANCIAL SUPPORT

- **Marketing budget** — 1% of paid goods value
- **Exhibition support** — up to 50% of booth rental costs (maximum 3% of annual volume)
- **Annual bonus** — 2% bonus upon completion of the annual purchase plan

Total potential benefit: up to an additional 6% of annual purchases

Payment terms: 30% prepayment, 70% before shipment. Flexible arrangements available upon agreement.

Territory Protection

Sole representative status — all inquiries are redirected to you, and an official distributor certificate is issued.

Low Entry Barrier

Minimum plan for 2026: €100,000 with gradual growth to €200,000 by 2028.

EUR.1 Certificate

Duty-free import into the EU — a price advantage over competitors from China and Turkey.

Private Label Ready

Your own brand on our products (white-label). No restrictions on product selection. Delivery via authorised carriers.

Long-Term Contract

3-year agreement (until 31/12/2028) with automatic renewal, and the right to sell remaining stock after expiry.

Transparent Terms

Vienna Convention (CISG). Clear termination conditions. Full refund on manufacturer delays.



Product Series

Three performance tiers designed for different intensity levels — from **heavy industrial cutting** to **home workshop projects**. Same factory, same quality control, same European certifications. The difference is in the abrasive grain, bonding formula, and lifespan.

STANDARD <i>Quality starts here.</i> ★★☆☆☆	PROFI <i>Pro results. Fair prices.</i> ★★★★★	EXTREME <i>No limits. No compromise.</i> ★★★★★
<p>TARGET</p> <p>DIY & Home Workshop Home repair, occasional use, light-duty projects</p> <p>ABRASIVE GRAIN Aluminium Oxide</p> <p>PRODUCTS</p> <ul style="list-style-type: none"> ▪ Cutting Discs ▪ Grinding Discs ▪ Flap Discs T27 / T29 <p>Baseline · Lowest cost</p>	<p>TARGET</p> <p>Professional & Commercial Construction, automotive, workshops, contractors</p> <p>ABRASIVE GRAIN Zirconia Aluminium Oxide Silicon Carbide</p> <p>PRODUCTS</p> <ul style="list-style-type: none"> ▪ Cutting Discs ▪ Grinding Discs ▪ Flap Discs T27 / T29 ▪ Sanding & Coated <p>3-5× lifespan · Widest range</p>	<p>TARGET</p> <p>Industrial & Heavy Professional Metal fabrication, shipyards, foundries, pipeline work</p> <p>ABRASIVE GRAIN Ceramic Zirconia Aluminium Oxide</p> <p>PRODUCTS</p> <ul style="list-style-type: none"> ▪ Cutting Discs ▪ Grinding Discs ▪ Flap Discs T27 / T29 <p>Up to 7× lifespan · Inox safe</p>



DIAMETER RANGE 115 mm • 125 mm • 150 mm • 180 mm • 230 mm • 300 mm • 350 mm • 400 mm



Cutting Discs

EN 12413 · MPA Hannover · NovoAbrasive **212** **115-400**
SKUS MM RANGE

EXTREME Premium Performance — Ceramic & Zirconia

FEATURES & BENEFITS

- ◆ **Ceramic & Zirconia Self-Sharpening Grains**
Continuously expose fresh cutting edges — maximum cutting performance throughout the disc's life
- ◆ **Up to 7× Longer Lifespan**
Fewer disc changes, less downtime on heavy industrial jobs
- ◆ **Cool Cutting Technology**
Low heat buildup — protects the workpiece and reduces discolouration on stainless (INOX)
- ◆ **MPA Hannover Certified**
Highest safety standard, double fibreglass reinforcement



- Metal
- INOX
- Stone
- Rails
- 41 Flat
- 42 Depressed

EXTREME — METAL / INOX

Diam.	Bore	1.0	1.2	1.6	1.9	2.0	2.5	3.0	3.5	RPM
115	22.23	41	—	41	—	—	—	42	—	13,300
125	22.23	41	41	41	—	—	—	—	—	12,200
150	22.23	—	—	41	—	—	—	—	—	10,200
180	22.23	—	—	41	—	—	—	—	—	8,600
230	22.23	—	—	41	41/42	41	41	41/42	—	6,650
300	25.4	—	—	—	—	—	—	41	—	5,100
400	25.4	—	—	—	—	—	—	—	41	3,800

EXTREME — STONE

Diam.	Bore	1.0	1.2	1.6	1.9	2.0	2.5	3.0	3.5	RPM
230	22.23	—	—	—	—	—	—	41	—	6,650



PROFI

Professional Line — High-Performance

FEATURES & BENEFITS

- Zirconia & Aluminium Oxide Blend**
Optimal balance of cutting speed and disc life for professional daily use
- Widest Range: 115–400 mm**
Metal, INOX, Stone & Rails — all materials in one series
- 3–5× Lifespan vs Standard**
Reduced disc consumption for construction, automotive & workshops
- Best Price-Performance Ratio**
Professional EN 12413 results without premium pricing



• Metal • INOX • Stone • Rails 41 Flat 42 Depressed

PROFI – METAL / INOX

Diam.	Bore	0.8	1.0	1.2	1.6	1.9	2.0	2.5	2.6	3.0	3.2	3.5	4.0	RPM
115	22.23	41	41	41	41	–	41/42	41/42	–	41/42	41	–	–	13,300
125	22.23	41	41	41	41	–	41/42	41/42	–	41/42	41	–	–	12,200
150	22.23	–	41	–	41	–	41	41	–	41	–	–	–	10,200
180	22.23	–	–	–	41	–	41/42	41/42	–	41/42	–	–	41	8,600
230	22.23/32	–	–	–	41	41/42	41	41/42	–	41/42	41/42	–	–	6,650
300	25.4/32	–	–	–	–	–	41	–	–	41	–	–	–	5,100
350	25.4/32	–	–	–	–	–	–	–	41	41	–	41	41	4,400
355	25.4	–	–	–	–	–	–	–	–	–	–	41	–	4,400
400	25.4/32	–	–	–	–	–	–	–	–	41	–	41	41	3,800

PROFI – STONE

Diam.	Bore	1.0	2.0	2.5	3.0	RPM
115	22.23	41	41	41	41	13,300
125	22.23	41	41	41	41	12,200
150	22.23	–	41	41	41	10,200
180	22.23	–	41	41	41	8,600
230	22.23	–	41	41	41/42	6,650



PROFI – RAILS

Diam.	Bore	0.8	1.0	1.2	1.6	1.9	2.0	2.5	2.6	3.0	3.2	3.5	4.0	RPM
300	32	–	–	–	–	–	–	–	–	41	–	–	–	5,100
350	32	–	–	–	–	–	–	–	–	–	–	41	–	4,400
400	32	–	–	–	–	–	–	–	–	–	–	41	41	3,800

STANDARD Economy Line — Reliable Everyday Use

FEATURES & BENEFITS

- ◆ **Quality Aluminium Oxide**
Reliable abrasive grain for consistent everyday cutting performance
- ◆ **Same European Certification**
EN 12413, MPA Hannover tested — same safety as premium lines
- ◆ **Full Size Range: 115–400 mm**
Metal, INOX, Stone & Rails — all popular diameters covered
- ◆ **Lowest Cost Per Cut**
Maximum value for home workshop, DIY & light-duty projects



• Metal • INOX • Stone • Rails 41 Flat 42 Depressed

STANDARD – METAL / INOX

Diam.	Bore	0.8	1.0	1.2	1.6	1.8	1.9	2.0	2.5	3.0	3.5	4.0	RPM
115	22.23	–	41	41	41	–	–	41	41	41	–	–	13,300
125	22.23	41	41	41	41	–	–	41	41	41	–	–	12,200
150	22.23	–	–	–	41	41	–	41	41	41	–	–	10,200
180	22.23	–	–	–	41	–	–	41	41	41	–	–	8,600
230	22.23	–	–	–	41	41	41	41	41	41	–	–	6,650
300	32	–	–	–	–	–	–	–	–	41	–	–	5,100
350	25.4/32	–	–	–	–	–	–	–	–	41	41	41	4,400
355	25.4	–	–	–	–	–	–	–	–	–	–	41	4,400
400	25.4/32	–	–	–	–	–	–	–	–	–	41	41	3,800

STANDARD – RAILS

Diam.	Bore	3.5	4.0	RPM
350	25.4	41	41	4,400
400	25.4/32	41	41	3,800



Grinding Discs



EN 12413 · Type 27 & Type 1 · NovoAbrasive **37** **115-230**
SKUS MM RANGE

FEATURES & BENEFITS

- ◆ **Maximum Stock Removal Rate**
 Aggressive resin bond formula for fast weld removal, chamfering & surface prep
- ◆ **Low Vibration & Cool Grinding**
 Balanced disc structure reduces operator fatigue and minimises heat discolouration
- ◆ **Type 27 (Depressed) & Type 1 (Flat)**
 Two profiles for angle grinders & bench grinders, 6.0 and 8.0 mm thickness
- ◆ **EN 12413 · MPA Hannover Certified**
 Every batch is tested on Italian Abrapress equipment, double fibreglass mesh



EXTREME

Diam.	Bore	6.0	8.0	RPM
115	22.23	T27	–	13,300
125	22.23	T27	–	12,200
180	22.23	T27	–	8,600
230	22.23	T27	–	6,650

PROFI

Diam.	Bore	6.0	8.0	RPM
115	22.23	1/T27	T27	13,300
125	22.23	1/T27	T27	12,200
150	22.23	1/T27	–	10,200
180	22.23	1/T27	1/T27	8,600
230	22.23	1/T27	T27	6,650

STANDARD

Diam.	Bore	6.0	RPM
115	22.23	T27	13,300
125	22.23	T27	12,200
150	22.23	T27	10,200
180	22.23	T27	8,600
230	22.23	T27	6,650

Flap Discs



EN 13743 · T27 & T29 · NovoAbrasive **62** **115-125**
SKUS MM RANGE

FEATURES & BENEFITS

- ◆ **Grind & Finish in One Step**
Overlapping flaps blend, deburr & finish without changing discs
- ◆ **3 Abrasive Grains: Ceramic / Zirconia / Aluminium Oxide**
From heavy INOX grinding (Ceramic) to general metalwork (Aluminium Oxide)
- ◆ **T27 Flat & T29 Conical Profiles**
Flat for surface work, conical for edges, corners & weld seams
- ◆ **P36-P120 Grit Range**
Full spectrum from aggressive stock removal to smooth satin finish



• Aluminium Oxide • Zirconia • Ceramic T27 Flat T29 Conical Bore 22.23 mm

EXTREME

Diam.	Material	P36	P40	P60	P80	P100	P120
125	Aluminium Oxide	T29	T29	T29	T29	T29	T29
125	Zirconia	–	T29	T29	T29	–	–
125	Ceramic	–	T29	T29	T29	–	–

PROFI

Diam.	Material	P36	P40	P60	P80	P100	P120
115	Aluminium Oxide	–	T29	T29	T29	T29	T29
125	Aluminium Oxide	–	T27/T29	T27/T29	T27/T29	T29	T29
125	Zirconia	–	T27/T29	T27/T29	T27/T29	T29	T29

STANDARD

Diam.	Material	P36	P40	P60	P80	P100	P120
125	Aluminium Oxide	T27/T29	T27/T29	T27/T29	T27/T29	T27/T29	T27/T29



Diamond Blades



EN 13236 · Sintered segments · NovoTools

54 **115-350**
SKUS MM RANGE

EXTREME

Premium Performance — Laser-Welded Segments

FEATURES & BENEFITS

- Laser-Welded Diamond Segments**
 Sintered segments bonded at 1000°C — no segment loss under load
- Dry & Wet Cutting**
 Concrete, brick, tile, granite, marble, asphalt — all construction materials
- Segmented / Continuous / Turbo Rims**
 Fast rough cuts, chip-free tile work, and versatile performance
- EN 13236 · NovoTools Brand**
 115-350 mm range, 54 SKUs, European safety-certified



Diam.	Bore	Segmented	Continuous	Turbo	RPM
125	22.23	10 mm	7 mm	10 mm	12,200
230	22.23	—	—	10 mm	6,650

EXTREME — DEEP CUT

Diam.	Bore	Segmented	RPM
115	22.23	✓	13,300
125	22.23	✓	12,200
180	22.23	✓	8,600
230	22.23	✓	6,650
300	20/25.4	✓	5,100

EXTREME — EXTRA CERAMIC

Diam.	Bore	Continuous	RPM
115	22.23	✓	13,300
125	22.23	✓	12,200

EXTREME — ASPHALT

Diam.	Bore	Segmented	RPM
300	25.4	✓	6,300
350	25.4	✓	5,400

PROFI

Professional Line — Versatile Performance

FEATURES & BENEFITS

- ◆ **Segmented · Continuous · Turbo**
All 3 rim types in 5 diameters — one series for any construction material
- ◆ **115–350 mm for Any Tool**
Angle grinders (115–230), cutters (300 mm), floor saws (350 mm)
- ◆ **7–10 mm Sintered Segments**
Higher segments = longer blade life — EN 13236 certified, best price-to-performance ratio



Diam.	Bore	Segmented	Continuous	Turbo	RPM
115	22.23	7 mm	5 mm	7 mm	13,300
125	22.23	7 mm	5 mm	7 mm	12,200
230	22.23	7 mm	5 mm	7 mm	6,650
300	20	7 mm	—	7 mm	5,100
350	25.4	10 mm	—	—	4,400

STANDARD

Economy Line — Reliable Everyday Use

FEATURES & BENEFITS

- ◆ **3 Rim Types × 5 Sizes**
Segmented, Continuous & Turbo in every diameter from 115 to 230 mm
- ◆ **Universal Construction Blade**
Concrete, brick, tile, marble, granite, reinforced concrete — all in one series
- ◆ **EN 13236 · Best Value**
Same European safety standard as premium lines — lowest entry price



Diam.	Bore	Segmented	Continuous	Turbo	RPM
115	22.23	7 mm	5 mm	7 mm	13,300
125	22.23	7 mm	5 mm	7 mm	12,200
150	22.23	7 mm	5 mm	7 mm	10,200
180	22.23	7 mm	5 mm	7 mm	8,600
230	22.23	7 mm	5 mm	7 mm	6,650





Saw Blades

EN 847-1 · Tungsten carbide tips · NovoTools **78** **115-400**
SKUS MM RANGE

FEATURES & BENEFITS

- ◆ **Precision-Ground TCT Tips**
Tungsten carbide for wood, laminate, MDF, plywood, and soft plastics
- ◆ **3T to 80T – 11 Tooth Counts**
From fast ripping (3T) to ultra-fine crosscuts (80T) in one series
- ◆ **21 Diameters, 115-400 mm**
Suitable for angle grinders, circular saws, mitre saws, and table saws — with seven bore adapters available
- ◆ **Anti-Vibration · EN 847-1**
Laser-cut expansion slots reduce noise, ensuring compliance with European safety standards



BLADE MATRIX – DIAMETER × TOOTH COUNT

Diam.	Bore	3T	20T	21T	24T	30T	36T	40T	48T	60T	64T	80T
115	22.23	✓	–	–	✓	–	–	✓	–	–	–	–
125	22.23	✓	–	–	✓	–	–	✓	✓	–	–	–
150	22.23	–	–	–	✓	✓	–	–	–	–	–	–
160	20	–	–	–	–	–	–	–	–	–	–	✓
165	20	–	–	–	–	–	–	–	✓	✓	–	✓
180	22.23/32	–	–	✓	–	✓	–	–	–	–	–	–
185	20	–	✓	–	–	–	✓	✓	✓	–	–	–
190	20/30	–	–	–	✓	–	–	✓	✓	–	–	–
200	32	–	–	–	✓	–	–	✓	✓	✓	–	–
205	30	–	–	–	✓	–	–	–	–	–	–	–
210	30	–	–	–	✓	–	–	–	–	–	✓	–
230	22.23/30	–	–	–	✓	–	–	✓	–	✓	–	–
250	32	–	–	–	✓	–	–	✓	–	✓	–	–
254	30	–	–	–	–	–	–	✓	–	✓	–	✓
300	32	–	–	–	–	✓	✓	–	✓	–	–	–
350	32/50	–	–	–	–	–	–	–	✓	–	–	–
400	32/50	–	–	–	–	–	–	✓	–	–	–	–

BORE REDUCTION RINGS: 20X16, 30X16, 30X20, 30X22, 32X22, 32X30, 50X32



Diamond Cup Wheels

Diamond grinding · M14 mount · NovoTools

2 SKUS **125** MM

FEATURES & BENEFITS

- ◆ **Diamond Segments for Concrete & Stone**
 Aggressive stock removal on concrete, masonry, granite, and natural stone
- ◆ **Single Row & Double Row**
 Single row for finishing, double row for fast heavy grinding
- ◆ **M14 Thread · 125 mm**
 Universal M14 mount fits all standard angle grinders



Diam.	Bore	Type	Segment H.	Mount	RPM
125	22.23	Single Row	7 mm	M14	12,200
125	22.23	Double Row	7 mm	M14	12,200





Wire Brushes

EN 1083-2 · Steel & Brass · NovoTools

38
SKUS

6
BRUSH TYPES

- Crimped Wire
- Knotted Wire
- Heavy Knotted

CUP BRUSHES (18 SKUS)

FEATURES & BENEFITS

- ◆ **M14 Mount for Angle Grinders**
Universal thread fits all standard angle grinders
- ◆ **3 Wire Types**
Crimped brass, knotted steel, and heavy-knotted steel for aggressive work
- ◆ **65-125 mm · 6 diameters**
Full range for deburring, descaling, and surface preparation



Diam.	Crimped	Knotted	Heavy Knotted	Mount	RPM
65	Brass 0.3 mm	Steel 0.5 mm	Steel 0.5 mm	M14	14,000
75	Brass 0.3 mm	Steel 0.5 mm	Steel 0.5 mm	M14	12,500
85	Brass 0.3 mm	Steel 0.5 mm	–	M14	12,000
90	–	–	Steel 0.5 mm	M14	12,000
100	Brass 0.3 mm	Steel 0.5 mm	Steel 0.5 mm	M14	11,000
125	Brass 0.3 mm	Steel 0.5 mm	–	M14	11,000

WHEEL BRUSHES (2 SKUS)

FEATURES & BENEFITS

- ◆ **Wide Cleaning Surface**
Large diameter wheel for maximum contact on flat workpieces
- ◆ **Knotted Steel Wire 0.5 mm**
Aggressive twist-knotted wire for heavy rust and weld scale
- ◆ **125 & 175 mm**
Standard bore for bench grinders and stationary machines



Diam.	Wire Type	Material	Wire Ø	Bore	RPM
125	Knotted	Steel	0.5 mm	22.23	11,000
175	Knotted	Steel	0.5 mm	22.23	8,000

BEVEL BRUSHES (6 SKUS)

FEATURES & BENEFITS

- ◆ **Angled Profile for Tight Spaces**
 Conical shape reaches weld seams, corners, and edges
- ◆ **Crimped & Knotted Wire**
 Brass 0.3 mm for light work, knotted steel 0.5 mm for heavy-duty use
- ◆ **100–125 mm · M14 Mount**
 Three diameters for standard angle grinders



Diam.	Crimped	Knotted	Mount	RPM
100	Brass 0.3 mm	Steel 0.5 mm	M14	11,000
115	Brass 0.3 mm	Steel 0.5 mm	M14	12,500
125	Brass 0.3 mm	Steel 0.5 mm	M14	11,000

DRILL BRUSHES (2 SKUS)

Diam.	Wire Type	Material	Wire Ø	Shaft	RPM
75	Crimped	Brass	0.3 mm	6 mm	12,500
75	Knotted	Steel	0.5 mm	6 mm	12,500

BRUSH SETS (2 SKUS)

Set	Contents	Wire	Shaft
6 pcs	Wheel & Cup Brushes	Crimped Brass	6 mm
4 pcs	Wire Brushes	Crimped Brass	6 mm



HAND BRUSHES (13 SKUS)

FEATURES & BENEFITS

- ◆ **Steel & Brass Wire Options**
 High-carbon steel bristles for heavy descaling, and brass-coated bristles for non-sparking work
- ◆ **Plastic & Wooden Handles**
 Ergonomic grip options, including scraper-equipped models
- ◆ **4-6 Rows • Mini Sets**
 From compact mini brushes to wide 6-row industrial brushes



Size	Type	Wire	Material
4-row	Plastic / Wood	Crimped	Steel
4-row	Scraper Handle	Crimped	Steel
5-row	Plastic / Wood	Crimped	Steel
6-row	Plastic / Wood	Crimped	Steel
175 mm	Mini Set (6 pcs)	Crimped	Steel
220 mm	Mini Set (3 pcs)	Crimped	Steel
250 mm	Plastic Handle	Crimped	Brass





Fibre Discs

EN 13743 · Vulcanised fibre backing · **NovoAbrasive** **12** **P24-P120**
SKUS GRIT RANGE

- FEATURES & BENEFITS**
- ◆ **Vulcanised Fibre Backing**
Heavy-duty 0.8 mm fibre for aggressive stock removal on metals
 - ◆ **Aluminium Oxide & Zirconia**
Al. oxide P24–P120 for general use, zirconia P40–P80 for stainless steel
 - ◆ **125 mm · Use with Backing Pad**
Pair with ribbed or flexible backing pad for optimal contact and cooling



Diam.	Bore	Abrasive	P24	P36	P40	P60	P80	P100	P120
125	22.23	Aluminium Oxide	✓	✓	✓	✓	✓	✓	✓
125	22.23	Zirconia	–	–	✓	✓	✓	–	–

+ 2 BACKING PADS (FLEXIBLE & RIBBED)





Non-Woven Discs

EN 13743 · Silicon carbide · NovoAbrasive

4 **115-125**
SKUS MM RANGE

FEATURES & BENEFITS

- ◆ **Paint & Rust Removal**
 Non-woven nylon mesh with silicon carbide that strips coatings without damaging the base metal
- ◆ **Fine & Coarse Grades**
 Fine (P100-P180) for light cleaning, coarse (P60-P80) for heavy rust removal
- ◆ **115 & 125 mm · 13 mm Thick**
 Fits all standard angle grinders, long-lasting 3D structure



Diam.	Bore	Thick.	Grit	Grade
115	22.23	13	P100-P180	Fine
115	22.23	13	P60-P80	Coarse
125	22.23	13	P100-P180	Fine
125	22.23	13	P60-P80	Coarse



Hook & Loop Discs

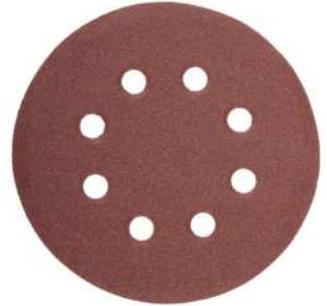
Velcro mount · Aluminium oxide · NovoAbrasive

48
SKUS

115–225
MM RANGE

FEATURES & BENEFITS

- ◆ **Hook & Loop System**
Quick disc changes with secure Velcro attachment — no tools needed
- ◆ **P40–P320 · 8 Grit Steps**
From coarse sanding to fine finishing in one product line
- ◆ **4 Sizes: 115–225 mm**
0-hole and 8-hole patterns for dust extraction on orbital sanders



DIAMETER × GRIT (CELL = HOLE PATTERN)

Diam.	P40	P60	P80	P100	P120	P180	P240	P320
115	8h							
125	0h/8h							
150	0h/8h							
225	8h							





Sanding Belts

Aluminium oxide · Cloth backing · NovoAbrasive

15 **75-100**
SKUS MM WIDTHS

FEATURES & BENEFITS

- ◆ **Premium X-Weight Cloth Backing**
 Heavy-duty cloth for maximum durability on belt sanders
- ◆ **3 Standard Sizes**
 75×457, 75×533, 100×610 mm — fits all major belt sander models
- ◆ **P40-P120 · 5 Grit Steps**
 From fast stock removal to smooth finishing on wood, metal, and plastic



SIZE × GRIT AVAILABILITY

Size (mm)	P40	P60	P80	P100	P120
100×610	✓	✓	✓	✓	✓
75×457	✓	✓	✓	✓	✓
75×533	✓	✓	✓	✓	✓





Sanding Rolls

Paper & cloth backing · 50m rolls · NovoAbrasive

18 SKUS **115–200** MM WIDTHS

PAPER ROLLS (10 SKUS)

FEATURES & BENEFITS

- Aluminium Oxide on Paper Backing**
Lightweight paper roll for dry hand sanding on wood, filler, and primer
- P40–P320 · 10 Grit Steps**
Full range from coarse stock removal to fine finishing
- 115 mm × 50 m**
Cut-to-size convenience for any hand sanding application



Size	P40	P60	P80	P100	P120	P150	P180	P220	P240	P320
115×50m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

CLOTH ROLLS (8 SKUS)

FEATURES & BENEFITS

- Waterproof Cloth Backing**
Heavy-duty cloth for wet sanding on metal, lacquer, and automotive surfaces
- P60–P320 · 8 Grit Steps**
From aggressive material removal to smooth finishing with water
- 200 mm × 50 m**
Wide format for efficient coverage on large flat surfaces



Size	P60	P80	P100	P120	P150	P180	P240	P320
200×50m	✓	✓	✓	✓	✓	✓	✓	✓

Sanding Sheets



230 × 280 mm · 50 pcs/pack · NovoAbrasive **8** SKUS **P80–P2000** GRIT RANGE

CLOTH SHEETS – ALUMINIUM OXIDE (4 SKUS)

FEATURES & BENEFITS

- ◆ **Aluminium Oxide Abrasive**
General-purpose grain ideal for wood, filler, primer, and soft metal sanding
- ◆ **Durable Cloth Backing**
Tear-resistant cloth base for consistent hand sanding performance
- ◆ **230 × 280 mm · 4 Grits**
P80, P100, P180, P240 — from shaping to fine finishing



Size (mm)	P80	P100	P180	P240
230 × 280	✓	✓	✓	✓

WATERPROOF SHEETS – SILICON CARBIDE (4 SKUS)

FEATURES & BENEFITS

- ◆ **Silicon Carbide Abrasive**
Ultra-hard grain for metal, lacquer, and automotive wet sanding
- ◆ **Waterproof Paper Backing**
Designed for wet sanding — no tearing, no clogging
- ◆ **P600–P2000 · Ultra-Fine**
4 grits for polishing and mirror-finish preparation



Size (mm)	P600	P800	P1000	P2000
230 × 280	✓	✓	✓	✓



Sanding Mesh

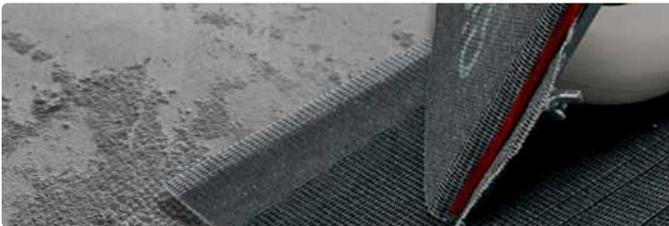
115 × 280 mm · Silicon carbide · **NovoAbrasive** **7** SKUS **P60-P320** GRIT RANGE

FEATURES & BENEFITS

- ◆ **Open Mesh Structure**
Silicon carbide on fibreglass mesh — zero clogging and longer life
- ◆ **P60-P320 · 7 Grit Steps**
From coarse plaster removal to fine paint preparation
- ◆ **115×280 mm · Drywall Specialist**
Ideal for plaster, drywall, filler, and paint preparation — dust passes through



Size (mm)	P60	P80	P100	P120	P180	P240	P320
115 × 280	✓	✓	✓	✓	✓	✓	✓





Sanding Sponges

4-sided abrasive coating · Washable · NovoAbrasive

10 SKUS **P80–P320** GRIT RANGE

FEATURES & BENEFITS

- ◆ **4-Sided Abrasive Coating**
Abrasive on all four sides for maximum surface contact
- ◆ **Flexible & Washable**
Can be rinsed and reused multiple times for extended life
- ◆ **Rectangular & Trapezoidal**
Flat surfaces and edge/profile work — available in 5 grits (P80–P320)



Size	Shape	P80	P120	P180	P240	P320
100 × 68 × 26 mm	Rectangular	✓	✓	✓	✓	✓
100 × 68 × 42 × 26 mm	Trapezoidal	✓	✓	✓	✓	✓





Polishing Pads

Wet polishing · Velcro mount · **NovoAbrasive** **15** SKUS **P30-P3000** GRIT RANGE

- FEATURES & BENEFITS**
- ◆ **P30 to P3000 – 10 Grit Steps**
From rough grinding to mirror polish in one progressive system
 - ◆ **Wet Process for Superior Finish**
Water-cooled operation on granite, marble, concrete, and ceramics
 - ◆ **100 mm Velcro Mount**
Quick-change hook-&-loop backing for fast grit transitions



GRIT AVAILABILITY – 100 MM VELCRO MOUNT · BORE 16 MM

Diam.	Shape	P30	P60	P100	P200	P400	P600	P800	P1000	P1500	P3000
100	Classic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
100	Star		✓	✓	✓	✓					





Backing Pads & Accessories

M14 thread · Hook & loop · NovoTools **8** SKUS **100–150** MM RANGE

BACKING PADS (5 SKUS)

FEATURES & BENEFITS

- ◆ **M14 Thread Mount**
Universal fit for all standard angle grinders with an M14 spindle
- ◆ **Hook & Loop System**
Quick disc changes — compatible with all Velcro-mount abrasives
- ◆ **100–150 mm · 4 Sizes**
Full range from compact 100 mm to large 150 mm backing pads



Diam.	Description	Mount
100	Backing Pad	M14 + adaptor
115	Universal Disc	M14 + adaptor
125	Backing Pad	M14 + adaptor
150	Backing Pad	M14
150	Backing Pad	M14 + adaptor

HAND SANDING BLOCKS (3 SKUS)

FEATURES & BENEFITS

- ◆ **Ergonomic Hand Sanding**
Comfortable grip for manual sanding without power tools
- ◆ **Hook & Loop Disc Mount**
Accepts standard Velcro-mount sanding discs for quick changes
- ◆ **125 mm and 150 mm Round**
Two sizes for detail work and larger surface finishing



Diam.	Description	Shape
125	Hand Sanding Block	Flat
125	Hand Sanding Block	Round
150	Hand Sanding Block	Round

Safety Guidelines

Abrasive tools operate at **high rotational speeds** and require strict adherence to safety procedures. The following guidelines are based on **EN 12413**, **FEPA safety codes**, and **oSa recommendations**. Always follow the tool and machine manufacturer's instructions.

1. Check Maximum Speed

Never exceed the maximum RPM printed on the disc. The machine's no-load speed must be at or below the disc's rated speed. Using a disc on a faster machine can cause it to burst — a potentially fatal hazard.

2. Always Use a Guard

The safety guard must be correctly mounted and positioned **before every use**. It must cover at least half the disc and be directed away from the operator. Never remove or modify the guard.

3. Wear PPE

Mandatory: **safety goggles** (EN 166), **ear protection**, **dust mask** (P2 or higher), and **protective gloves**. For grinding operations, a full face shield is recommended in addition to goggles.

4. Inspect Before Use

Check each disc for **cracks, chips, or moisture damage** before mounting. Perform a "ring test" on vitrified discs: a clear ring = safe; a dull thud = discard. Never use a disc that has been dropped.

5. Correct Mounting

Use only the **correct flanges and mounting hardware** supplied by the machine manufacturer. The bore of the disc must match the spindle. Tighten the clamping nut firmly but do not over-torque. Use reducing rings only when specified.

6. Run Test & Work Safely

After mounting, **run the disc at full speed for 30 seconds** in a protected area before starting work. Apply the disc to the workpiece gradually — never force or jam. Keep bystanders away from the cutting/grinding zone.

- **Storage & Expiry:** Store discs flat in a dry environment (humidity < 65%, temperature 5–30 °C). Bonded abrasive discs have a **3-year shelf life** from the date of manufacture (printed on the label). Do not use expired discs — resin bonds degrade over time.

- **Prohibited practices:** Do not use cutting discs for grinding (side pressure). Do not modify the bore or shape of any disc. Do not use water or coolant unless the disc is specifically rated for wet cutting.

Logistics & Export Terms

We ship to over **35 countries** worldwide, with flexible Incoterm options and consolidated shipments from our warehouses in Kharkiv, Ukraine and Rzeszów, Poland.

SHIPPING & DELIVERY

Parameter	Details
Warehouse Location	Kharkiv, Ukraine · Rzeszów, Poland (EU)
Incoterms	EXW, FCA, DAP, CIF – flexible per customer
Lead Time (stock items)	3-5 business days from order confirmation
Lead Time (production)	Up to 4 weeks for custom / private label orders
Minimum Order	€1,200
Packaging	Individual boxes → master cartons → Euro pallets (1200 × 800 mm)
Pallet Stacking	Up to 3 layers, stretch-wrapped, with corner guards
Customs	Full export documentation, EUR.1, packing lists
Transport Partners	Raben Group, Local carriers

EXPORT REGIONS & KEY MARKETS

Region	Key Markets	Typical Transit
European Union	Poland, Germany, Italy, France, Spain	3-7 days
Middle East & North Africa	UAE, Saudi Arabia, Egypt, Morocco	10-18 days
Central Asia & Caucasus	Kazakhstan, Uzbekistan, Georgia	7-14 days
Sub-Saharan Africa	Nigeria, Kenya, Tanzania, Ghana	18-25 days
Americas	USA, Canada, Colombia, and Brazil	20-30 days

- **Private label & OEM:** All products can be supplied under your own brand, with custom packaging design and barcodes. Minimum order: 1 container (20' or 40'). Design support is included at no extra cost.

Contact & Ordering

Ready to get started? Reach out to our export team for **pricing, samples, and partnership opportunities**. We respond within 24 hours.

HEAD OFFICE & WAREHOUSE

Channel	Details
Company	NovoAbrasive LLC
Address	vul. Kharkivska 144-A, Nova Vodolaha, Kharkiv region, 63202, Ukraine
Email (Sales)	export@novoabrasive.com
Email (General)	info@novoabrasive.com
Website	www.novoabrasive.com
Languages	English, Ukrainian
Working Hours	Mon-Fri 09:00-18:00 (Kyiv time, UTC+2/+3)
EU Warehouse	Rzeszów, Poland

HOW TO ORDER

Step	Action	Timeline
1	Send inquiry to export@novoabrasive.com with product list & quantities	Day 1
2	Receive a quotation with pricing, lead time, and shipping options	Within 24 hours
3	Confirm order and arrange payment (T/T, L/C accepted)	Day 2-3
4	Production / picking from stock + quality inspection	3-5 days (stock) / up to 4 weeks (production)
5	Shipping with full documentation (invoice, packing list, EUR.1, CoC)	Per Incoterm

PAYMENT TERMS

Method	Terms
Bank Transfer (T/T)	30% advance payment, 70% before shipment

- **Samples:** Free product samples are available for qualified distributors. Sample boxes ship via DHL/FedEx within 2 business days.

NovoAbrasive

EUROPEAN QUALITY. GLOBAL REACH.

BRANDS

NovoAbrasive · NovoTools · WellCut · Hetman

WAREHOUSE

Kharkiv, Ukraine · Rzeszów, Poland

PRODUCTS

628+ SKUs · 17 Categories · 3 Performance Tiers

CERTIFICATIONS

MPA Hannover · EN 12413 · EN 13236 · ISO 9001

export@novoabrasive.com

www.novoabrasive.com

2026