

PRODUCT CATALOG

Engineered for Performance.
Built for Professionals.

High-quality abrasive solution designed
for precious, durability and efficiency
across industrial applications.



**PREMIUM
QUALITY**



**HIGH
PERFORMANCE**



**DURABLE &
RELIABLE**



**VERSATILE
USE**



**LONGER
LIFE**



**CONSISTENT
RESULTS**

**PERFORMANCE YOU CAN TRUST,
QUALITY YOU CAN RELY ON.**



**BUILT STRONG
BUILT FOR YOU.**

CUTTING WHEELS

ENGINEERED FOR PRECISION AND SPEED

Our cutting wheels deliver clean, burr-free cuts through tough materials. From tight spaces to heavy structural steel, our size range covers standard angle grinders to high-powered stationary saws.

- PREMIUM
QUALITY**
- FAST
CUTTING**
- BURR-FREE
FINISH**
- LONG
LIFE**
- PRECISION
PERFORMANCE**



IDEAL FOR



Steel
Structural



INOX
Stainless Steel



Pipe
Cutting



Metal
Sheet



INOX
Rebar



Fabrication
& General Use

THE METRIC ADVANTAGE: CHOOSING YOUR THICKNESS

- 1.0mm (Ultra-Thin):** maximum cutting speed and minimal material loss. Ideal for thin sheet metal, stainless steel (INOX), and delicate fabrication.
- 1.5mm & 1.6mm (Standard Thin):** Fast cutting with added lateral stability and longer wheel life. Perfect for everyday structural steel and pipe cutting.
- 1.9mm (Heavy Duty):** Built to handle the immense torque of a 9" angle grinder without flexing during deep cuts.
- 3.0mm (Stationary):** Exclusively for 12" and 14" high-powered chop saws. Provides the rigid backbone needed to aggressively chop heavy rebar and thick structural bundles.

Wheel Size	Thickness	Profile Type	Max RPM	Part Number (SKU)
4" (100mm)	1.0mm	Type 1	15,200	CW-40-10-T1
4" (100mm)	1.5mm	Type 1	15,200	CW-40-15-T1
4.5" (115mm)	1.0mm	Type 1	13,300	CW-45-10-T1
5" (125mm)	1.5mm	Type 1	12,200	CW-50-15-T1
7" (180mm)	1.6mm	Type 1	8,500	CW-70-16-T1
9" (230mm)	1.9mm	Type 1	6,600	CW-90-19-T1
9" (230mm)	1.9mm	Type 27	6,600	CW-90-19-T27
12" (300mm)	3.0mm	Type 1	5,100	CW-120-30-T1
14" (350mm)	3.0mm	Type 1	4,300	CW-140-30-T1

PRODUCT DETAILS

- Profile Type:** Type 1 (Flat) & Type 27 (Depresses)
- Abrasive:** Premium Aluminum Oxide
- Bond Type:** Reinforced Resin Bond
- Applications:** Mild Steel, Stainless Steel, Structural Steel, Pipes & Rebar

PERFORMANCE
YOU CAN TRUST,
QUALITY YOU
CAN RELY ON.



GRINDING WHEEL

THE COMPLETE GRINDING SOLUTION

Achieve precise material removal and a flawless finish with superior performance and long life. Our grinding wheels are designed for smooth, efficient, and consistent results across all application.

- **PREMIUM QUALITY**
- **HIGH PERFORMANCE**
- **DURABLE & RELIABLE**
- **VERSATILE USE**



IDEAL FOR

 Metal Fabrication

 Welding & Grinding

 Rust & Paint Removal

 Surface Finishing

 Deburring & Blending

Heavy-Duty Stock Removal

When you need to remove serious stock, our heavy-duty grinding wheels are the tools of choice. Designed exclusively with a Type 27 depressed Center, these wheels allows the grinder’s mounting flange to recess completely, ensuring the operator can grind at the optimal angle without gouging the workplace.

APPLICATION GUIDE: 3mm vs. 6mm

- 3.0mm (Combo Wheel):** The ultimate hybrid tool. Thick enough to handle light lateral grinding (beveling edges or cleaning root pass welds) but thin enough for notching and cutting.
- 6.0mm (Heavy Grinding):** The undisputed workhorse. The required mass to safely withstand the immense lateral pressure of hogging out thick welds and leveling heavy steel plates.

Wheel Size	Thickness	Profile Type	Typical Application	Max RPM	Part Number (SKU)
4" (100mm)	3.0mm	Type 27	Notching, root pass welds, light beveling	15,200	GW-40-30-T27
4" (100mm)	6.0mm	Type 27	Heavy weld removal, surface leveling	15,200	GW-40-60-T27
4.5" (115mm)	6.0mm	Type 27	Standard heavy stock removal	13,300	GW-45-60-T27
7" (180mm)	6.0mm	Type 27	Large area grinding, pipeline fabrication	8,500	GW-70-60-T27
9" (230mm)	6.0mm	Type 27	Maximum material removal, shipbuilding	6,600	GW-90-60-T27

PRODUCT DETAILS

- Profile Type:** Type 27 (Depressed Center)
- Abrasive:** Premium Aluminum Oxide
- Bond Type:** Reinforced Resin Bond
- Applications:** Metal, Stainless Steel, Aluminum, Wood & more

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FLAP DISC

THE COMPLETE BLENDING SOLUTION

Achieve heavy material removal and a flawless final finish in a single step. Our flap discs features layered abrasive cloth that continuously wears away to expose fresh, sharp gain.

- PREMIUM QUALITY**
- HIGH PERFORMANCE**
- DURABLE & RELIABLE**
- VERSATILE USE**



IDEAL FOR



Metal Fabrication



Welding & Grinding



Rust & Paint Removal



Surface Finishing



Deburring & Blending

4" FLAP DISC (100mm)



5" FLAP DISC (115mm)



7" FLAP DISC (180mm)



Backing	Grit Material
Fiberglass	Aluminum Oxide Zirconium Ceramic
Plastic	Aluminum Oxide Zirconium Ceramic
Metal	Aluminum Oxide Zirconium Ceramic

Backing	Grit Material
Fiberglass	Aluminum Oxide Zirconium Ceramic
Plastic	Aluminum Oxide Zirconium Ceramic
Metal	Aluminum Oxide Zirconium Ceramic

Backing	Grit Material
Fiberglass	Aluminum Oxide Zirconium Ceramic

PRODUCT DETAILS

- **Diameter:** 4"(100mm) | 4.5"(115mm) | 7" (180mm)
- **Bore:** 16mm / 22.23mm
- **Max Speed:** 80 m/s, 13,300 RPM
- **Applications:** Metal, Stainless Steel, Aluminum, Wood & more

GRIT GUIDE



40 GRIT
Coarse
(Aggressive Material Removal)



60 GRIT
Medium Coarse
(General Purpose)



80 GRIT
Medium
(Smoothing & Blending)



100 GRIT
Fine
(Finishing & Polishing)

**PERFORMACE
YOU CAN TRUST,
QUALITY YOU
CAN RELY ON.**





THANK YOU FOR CHOOSING US!

We appreciate your trust in our products.
Our commitment to quality, performance,
and durability drives us to deliver the best
tools for your toughest challenges

BUILT STRONG. BUILT FOR YOU.
**LET'S BUILD A BETTER TOMORROW
TOGETHER**

eSaitej/     
www.eSaitej.com