



POOJA

ABRASIVES

Authorized Dealer of Apidor Abrasive Products Pvt. Ltd.



Our Product Range

Depressed Centre Wheels
Type 27 & Type 28

Reinforced Cut-Off Wheels
Type 01

Ultra Thin Wheels
Volcano – INOX Series

Rail Industry Wheels
RDSO Approved

Glass Grinding Wheels
Type 27 – Coarse to Fine

Farros Blatter Wheels
Type 41

WHY CHOOSE US

EN 12413
Safety Certified

RDSO Indian
Railways Approved

ISO 9001:2015
Quality Standards

B2B Industrial
Abrasive Supplier

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Proprietor

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POOJA
ABRASIVES

GRINDING WHEELS

Depressed Centre Wheels — Type 27 & Type 28

TYPE-27 & TYPE-28

Depressed Centre Grinding Wheels

Reinforced with 2½ or 3 fiberglass layers for use on portable angle grinder machines. Used at 15° to 30° angle or at right angle to the workpiece.

APPLICATIONS

Foundries Welding Shops Steel Mills
Ship Yards Pipeline Industries Metal Fabrication



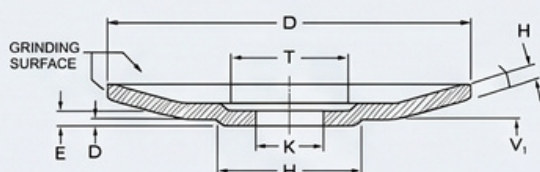
Product Brands & Performance Rating

WHEEL BRAND	MATERIAL REMOVAL	GRINDING RATIO	RECOMMENDED FOR
HIFY	MEDIUM	MEDIUM	Steel Fabrication, Welding Shops
FYTER	HIGH	LOW	High Speed Metal Cutting
ZEN SUPER	HIGH	MEDIUM	Heavy Steel Applications
SUPER FAST	HIGH	MEDIUM	Fast Material Removal
METAFLEX	MEDIUM	MEDIUM	General Fabrication
ZENGOLD	MEDIUM	HIGH	Long Life Applications
ULTRA	MEDIUM	HIGH / LOW	Versatile Industrial Use
FASCUT	MEDIUM	LOW / MEDIUM	General Purpose

Standard Size Range

DIA (mm)	THICK (mm)	BORE (mm)	PACK
63 / 80	2.5 to 6.0	9.53 / 12.7	50
100	3 to 7	16	50
115	3 to 7	22.23	40
125	3 to 7	22.23	40
180	3 to 7	22.23	25
230	3 to 7	22.23	15

Custom sizes available on request.



Specialty Wheel Grades

STAINLESS STEEL

Stainless steel fabrication. Iron free formulation.

CAST IRON

Gray cast iron foundry applications.

ZEN PLUS

Pipes industry and heavy fabrication.

ZEN

Foundries and heavy fabrication.

ZIRCOTECH

Heavy fabrication. Very high material removal and grinding ratio.



A Unit of Pooja Enterprises

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CUTTING WHEELS

Complete Range – Reinforced, Thin, Plain & Specialty

REINFORCED CUT-OFF WHEELS



TYPE-01 – REINFORCED CUT-OFF

Reinforced Cut-Off Wheels

Fiberglass reinforced. EN 12413 certified. Runs at 80 to 100 m/s on fixed or portable machines.

REINFORCEMENT TYPES

R1 – One Side

R2 – Two Sides

R3 – Triple

RH2 – Partly

APPLICATIONS

Bar and sheet metal cutting, tubing, structural steel, parting off operations.

DIA (mm)	THICK (mm)	BORE (mm)	PACK
25 to 125	2 to 6.0	6 to 22.23	50
150 to 180	2 to 6.0	12.7 to 22.23	40
200 to 230	2 to 6.0	22.23	26
300 to 350	2.5 to 6.0	25.4	25
400 to 500	3 to 6.0	25.4 to 80	15 to 20
600 to 810	5 to 10	6 to 25	As Per Order

Custom thickness and bore available on request.



VOLCANO – ULTRA THIN

Ultra Thin Wheels

Double reinforced R2 construction. Also called INOX. Minimal material wastage. For stainless steel fabrication.

DIA	THICK	BORE
100mm	0.8–1.6mm	16mm
125mm	1–1.6mm	22.23mm
180mm	1–1.6mm	22.23mm



TYPE-01 – PLAIN

Plain Cut-Off Wheels

Non-reinforced. Maximum speed 60 m/s. For minimal pressure tool room applications on fixed machines.

DIA	THICK	BORE	PACK
50–80mm	0.3–2.5mm	8–19.05mm	100
100–125mm	0.3–2.5mm	12.7–31.75mm	50
150–200mm	0.3–2.5mm	12.7–31.75mm	25



TYPE-01 – CHOP CUT

Chop Cut Wheels

Single fiberglass reinforced. R1 center reinforced. Peripheral speed 72 to 80 m/s on portable machines.

APPLICATIONS

Solid bars, square sections, C.

SIZE: 300–350mm **THICK:** 2.5–3.2mm

BORE: 25.4mm **PACK:** 25

FARROS BLATTER + SPECIAL CUTTING WHEELS

TYPE-41

Farros Blatter Wheels

High quality brown fused alumina, roasted brown fused alumina, white aluminum oxide and zirconia grains. High GEM glass fiber reinforcement. Iron-free grade available for stainless steel.

APPLICATIONS

Back gouging, edge preparation, surface grinding, weld seam removal. For pressure vessel and pipe industries.

WHEEL FACE TYPES

A Face –
Straight Grinding

S Face –
Edge Preparation

F Face –
Weld Seam Removal

SIZE	MATERIAL	GRADE	MOS	TESTING SPEED
600 & 650mm	Steel, Stainless Steel	Medium P,Q,R	80 m/s	120 m/s
600 & 650mm	Steel, Stainless Steel	Hard S,T,U	80 m/s	120 m/s



SPECIAL PRECISION

Special Cutting Wheels

Engineered for the most demanding specialized applications from a blend of super premium abrasives.

Metallurgical Sample Cutting

Syringe Needle Cutting

Shaving Blade Splitting

Rail Cutting Wheels

DIAMETER	THICKNESS	TYPES
Up to 150mm	0.5 to 1.5mm	PL
200 to 250mm	1.0 to 2.0mm	PL
300 to 400mm	1.5 to 3.0mm	PL, PR, R
450 to 600mm	3.0 to 6.0mm	PL, PR, R

PL – Plain PR – Partly Reinforced R – Fully Reinforced

WHEELS FOR RAIL INDUSTRY

Fully Reinforced Rail Cutting Wheels

Tested to EN 12413 European Safety Standards. Certified by RDSO – the Research Design and Standard Organisation of Indian Railways. Designed for peripheral speeds of 80 to 100 m/s. Delivers straight, sharp cuts without burrs or burn marks. Suitable for petrol-operated portable machines at remote rail maintenance sites.

EN 12413 Safety Standards Certified
RDSO Indian Railways Approved
80 to 100 m/s Peripheral Speed
High-Tensile Fibreglass Reinforcement

STANDARD DIMENSIONS

DIAMETER (mm)	THICKNESS (mm)	BORE (mm)
400	4	22.23

Rail Sleeper Cutting Wheels

The only Indian manufacturer producing rail sleeper cutting wheels. Designed for heavy-duty cutting of composite reinforced concrete railway sleepers containing steel reinforcement. Reinforced with 3 to 4 high-tensile fibreglass layers.

Standard size: 710mm x 8mm x 60mm

Operating speed: 80 m/s on automatic machines


APIDOR
 Abrasive Products Pvt. Ltd.

RAIL
400 x 4 x 22.23

MOS – 4800 RPM

EN 12413 – RDSO Approved

GLASS GRINDING WHEELS

Type 27 – Available in Coarse, Medium and Fine Grits

Designed specifically for glass processing. Compatible with standard angle grinder machines.



DIAMETER (mm)	THICKNESS (mm)	BORE (mm)	PACK Nos
100	4 to 8	16	50
115	4 to 8	22.23	40
125	4 to 8	22.23	40

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