

CDFIT

Diamond & CBN Superhard Tools

Product Catalogue 2026

Grinding · Polishing · Drilling · Cutting & Sawing · PCD / PCBN Tooling

Chengdu Future Road International Trade Co., Ltd.

Manufacturer & exporter of superhard tooling · 50+ product lines

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About CDFIT



CDFIT (Chengdu Future Road International Trade Co., Ltd.) is a manufacturer and exporter of diamond and CBN superhard tools. We supply grinding wheels, dressing tools, saw blades, wire saws, drill bits, polishing consumables and PCD / PCBN cutting inserts to industrial customers worldwide.

Our tools are used in carbide tool making, semiconductor and electronics manufacturing, glass and ceramics, stone and concrete processing, automotive, aerospace, geology and mining, and precision optics. Every order is supported by technical selection advice, sample testing and OEM / ODM customisation.

50+ product lines	Full superhard tooling range in one supplier
OEM / ODM	Custom sizes, grits and bonds to your drawing
Technical support	Selection advice and sample testing before you buy
Export ready	Worldwide shipping and export documentation

How to use this catalogue

Products are grouped by family. Each entry gives the product name, its category and a short application description. For the full specification sheet, pricing or a sample, quote the product code shown with each item and contact us.

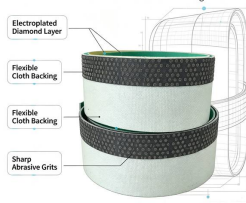
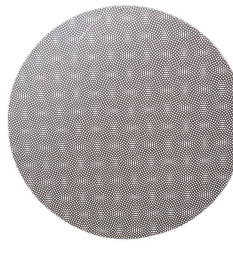
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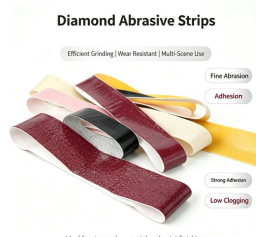
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Note: this catalogue lists our standard range. Custom sizes, grits and bonds are available on request for every family.

1. Grinding & Sanding Belts

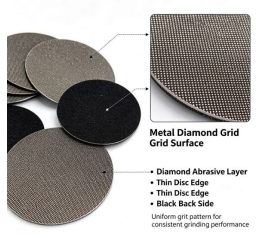
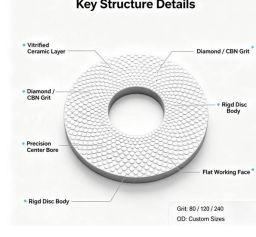
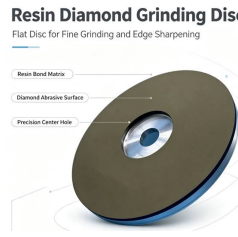
12 products

Electroplated Diamond Abrasive Belt Electroplated Diamond Abrasive Belt Flexible Diamond Belt for Efficient Grinding 	Zirconia Reinforced Electroplated Diamond Sanding Belt 1 mm for Metal and Wood Zirconia Reinforced Electroplated Diamond Sanding Belt 1 mm for Metal and Wood. Bulk and OEM supply, quote on request. CDF-534	Reliable Abrasive Belt Supplier Custom Sizes, Stable Quality, Fast Quotation Sample Available  Contact Us For Technical Specs	Flexible Resin Diamond Abrasive Belt Square 60#-50000# for Stone and Quartz Flexible Resin Diamond Abrasive Belt Square 60#-50000# for Stone and Quartz. Bulk and OEM supply, quote on request. CDF-533				
 Grit Selection <table><tr><td>60# Coarse</td><td>100# Medium</td></tr><tr><td>200# Fine</td><td>400# Extra Fine</td></tr></table> Product: Diamond Honeycomb Polishing Strip Surface: Honeycomb Diamond Grid Body: Flexible Strip Body: Flexible Strip Grit: 60 / 100 / 200 / 400 Multiple Grit Options Choose the grade for your grinding task	60# Coarse	100# Medium	200# Fine	400# Extra Fine	Diamond CBN Electroplated Bond Sanding Paper Roll 1 mm for Stainless Steel and Glass Diamond CBN Electroplated Bond Sanding Paper Roll 1 mm for Stainless Steel and Glass. Bulk and OEM supply, quote on request. CDF-530	Resin Diamond Abrasive Cloth Flexible Cloth Roll for Grinding and Polishing  Resin Bond System Diamond Abrasive Surface Flexible Cloth Backing Flexible Cloth Backing	Resin Bond Diamond Sanding Cloth Abrasive Roll for Stone Processing Resin Bond Diamond Sanding Cloth Abrasive Roll for Stone Processing. Bulk and OEM supply, quote on request. CDF-429
60# Coarse	100# Medium						
200# Fine	400# Extra Fine						
CBN Abrasive Sanding Belt For Jumper Fiber Optical Polishing Film Production  Premium CBN Grain Flexible Belt Structure Consistent Surface Finish	Diamond and CBN Electroplated Bonded Abrasive Sanding Paper (40#-5000#) Diamond and CBN Electroplated Bonded Abrasive Sanding Paper (40#-5000#). Bulk and OEM supply, quote on request. CDF-329	DIAMOND CERAMIC EDGE SANDING BELTS Medium Hardness Bond Chamfering and Edge Finishing  Ceramic Bonded Diamond Abrasive Flexible Belt Body Body For Edge Rounding and Surface Blending	Diamond Buki Ceramic Bonded Polishing Tape for Steel Chamfering (60#-50000#) Diamond Buki Ceramic Bonded Polishing Tape for Steel Chamfering (60#-50000#). Bulk and OEM supply, quote on request. CDF-326				
	Nylon Non-Woven Abrasive Belt 1 mm for Mirror and Glass Polishing Nylon Non-Woven Abrasive Belt 1 mm for Mirror and Glass Polishing. Bulk and OEM supply, quote on request. CDF-325	PRECISION COATED ABRASIVE BELTS Resin Ceramic Bonded 1mm Medium Thickness  Flat Coating Consistent Grit Stable Fit Long Life for Stainless Steel Polishing	Resin and Ceramic Bonded Abrasive Polishing Belt 1 mm (60#-3000#) Resin and Ceramic Bonded Abrasive Polishing Belt 1 mm (60#-3000#). Bulk and OEM supply, quote on request. CDF-324				
Multiple Colors & Specifications Match your process requirements  Yellow Green Blue Purple Red 150# 200# 300# 400# 500# 600# 800# 1000# 1200# 1500# 2000# 3000# 4000# 5000# 6000# 8000# 10000# 12000# 15000# 20000# 30000# 40000# 50000# Different grit options Different finish effects Easy to identify on site Available in various widths and lengths	Flexible Diamond Polishing Belt Flexible diamond polishing belt for high-gloss mirror finishing and fine surface conditioning on metal, glass and stone. CDF-163		Diamond Abrasive Grinding Belt Coated diamond abrasive grinding belt for consistent stock removal and surface finishing across metal, stone and composite materials. CDF-162				

 Abrasive Belt Material Details Diamond abrasive layer, Resin bond matrix, Flexible backing layer, Flexible backing layer.	Square Resin Diamond Abrasive Grinding Belt Product Overview This flexible square resin-bonded diamond abrasive belt is built for edge deburring, perimeter conditioning and surface... CDF-106	 Diamond Abrasive Strips Efficient Grinding Wear Resistant Multi-Scene Use Fine Abrasion, Adhesion, Strong Adhesion, Low Clipping Ideal for stone, glass, metal and paint finishing	8" x 3" Flexible Resin Diamond Grinding Belt (200 x 76 mm) Flexible resin-bonded diamond grinding belt for metal, stone and composite surface conditioning, deburring and finishing. Two-sided coated... CDF-75
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2. Grinding Discs

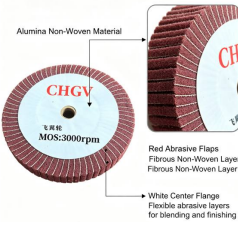
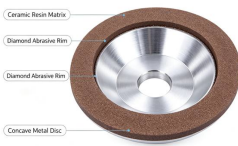
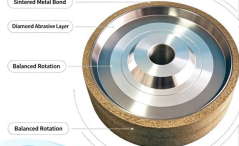
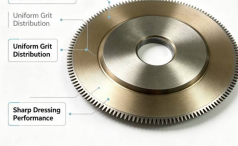
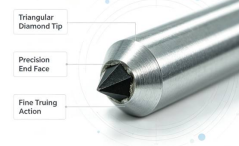
11 products

 Long-Lasting Abrasive Life Stable material removal from start to finish High Hardness Diamond, Even Wear, Reduced Replacement	Electroplated Diamond Abrasive Disc 1-10 mm for Lapidary Gem Grinding (High Hardness) Electroplated Diamond Abrasive Disc 1-10 mm for Lapidary Gem Grinding (High Hardness). Bulk and OEM supply, quote on request. CDF-532	 Why Choose Our Electroplated Diamond Sheets Silver Diamond Coating, Flat Metal Sheet, Wear Resistant, Precise Edge, Multiple Grit Options Grits: 60 / 100 / 200 / 400 - Rectangular Polishing Sheet	Diamond Coated Stainless Steel Abrasive Disc 1 mm Fine Grit for Stone (100/200 mm) Diamond Coated Stainless Steel Abrasive Disc 1 mm Fine Grit for Stone (100/200 mm). Bulk and OEM supply, quote on request. CDF-529
 Electroplated Diamond Polishing Discs Metal Bond Abrasive Wheels for Grinding & Finishing Electroplated Diamond Layer, Metal Base Support, High Wear Resistance	Universal 4.5 inch Electroplated Diamond Flap Disc 3.0 mm for Stainless Steel Universal 4.5 inch Electroplated Diamond Flap Disc 3.0 mm for Stainless Steel. Bulk and OEM supply, quote on request. CDF-528	 Flexible Diamond Wet Polishing Disc 4/5/6 inch for Metal Buffing (60#-3000#) Metal Diamond Grid Surface Diamond Abrasive Layer, Thin Disc Edge, Black Back Side, Uniform grit pattern for consistent grinding performance	Ceramic Bonded Diamond CBN Grinding Disc for Deburring and Gem Cutting Ceramic Bonded Diamond CBN Grinding Disc for Deburring and Gem Cutting. Bulk and OEM supply, quote on request. CDF-430
 Diamond Grinding Strips Sharp - Durable - Easy to Install 100 / 100 / 200 / 400 Grit	Diamond Coated Stainless Steel Abrasive Disc 1 mm Flexible Finishing Strip (100/200 mm) Diamond Coated Stainless Steel Abrasive Disc 1 mm Flexible Finishing Strip (100/200 mm). Bulk and OEM supply, quote on request. CDF-524	 Key Structure Details Verified Ceramic Layer, Diamond / CBN Grit, Precision Center Bore, Rigid Disc Body, Flat Working Face Grit: 80 / 120 / 240, OD: Custom Sizes	Electroplated Diamond Grinding Disc 6 inch for Gem Polishing (High Hardness) Electroplated Diamond Grinding Disc 6 inch for Gem Polishing (High Hardness). Bulk and OEM supply, quote on request. CDF-422
 Resin Diamond Grinding Disc Flat Disc for Fine Grinding and Edge Sharpening Resin Bond Matrix, Diamond Abrasive Surface, Precision Center Hole	Resin Bond Diamond Grinding Disc 6 inch for Metal Grinding (60#-3000#) Resin Bond Diamond Grinding Disc 6 inch for Metal Grinding (60#-3000#). Bulk and OEM supply, quote on request. CDF-428	 Electroplated Diamond Grinding Disc 6 inch for Gem Polishing (High Hardness) Electroplated Diamond Grinding Disc 6 inch for Gem Polishing (High Hardness). Bulk and OEM supply, quote on request. CDF-422	

 10 pcs Abrasive Cutting Disc Set 16mm Diamond Cutting Wheel-Jewelry & Fine Craft Tools - Diamond Abrasive Surface - Multiple Sizes - Multiple Sizes - Portable Pouch Design	Electroplated Diamond Mini Cutting and Grinding Disc Set (10 pcs, 16-30 mm) Electroplated Diamond Mini Cutting and Grinding Disc Set (10 pcs, 16-30 mm). Bulk and OEM supply, quote on request. CDF-261	 Diamond louver blade - Efficient polishing - Sharp and wear-resistant - Long service life - Official authentic - Complete specifications and durable	4.5" Silicon Carbide Flap Disc with Electroplated Diamond (100-125 mm) 4.5" Silicon Carbide Flap Disc with Electroplated Diamond (100-125 mm). Bulk and OEM supply, quote on request. CDF-252
	Flexible Resin Diamond Grinding Disc Flexible resin-bonded diamond grinding disc for curved and flat surface conditioning, deburring and finishing on stone, metal and ceramics. CDF-161		

3. Grinding Wheels

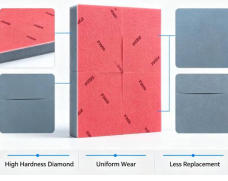
10 products

 Alumina Non-Woven Material CHGV MOS:3000rpm Red Abrasive Flaps Fibrous Non-Woven Layer Fibrous Non-Woven Layer White Center Flange Flexible abrasive layers for blending and finishing	Non-Woven Aluminium Oxide Flap Wheel 200×25 mm Red 320-400# for Stainless Steel Non-Woven Aluminium Oxide Flap Wheel 200×25 mm Red 320-400# for Stainless Steel. Bulk and OEM supply, quote on request. CDF-531	Industrial Diamond Truing Roller Precision Dressing Wheel for Grinding Systems  Diamond Abrasive Belt Metal Wheel Body High Wear Resistance	Round Diamond Dressing Wheel H Hardness Ultra-Fine for Automotive Dressing Round Diamond Dressing Wheel H Hardness Ultra-Fine for Automotive Dressing. Bulk and OEM supply, quote on request. CDF-433
Ceramic Resin Bond Diamond Grinding Wheel Bowl-Shaped Wheel for Sharpening and Edge Grinding  Ceramic Resin Matrix Diamond Abrasive Rim Diamond Abrasive Rim Concave Metal Disc	Ceramic and Resin Bond Diamond Grinding Wheel High Precision (60#-3000#) Ceramic and Resin Bond Diamond Grinding Wheel High Precision (60#-3000#). Bulk and OEM supply, quote on request. CDF-431	Metal Bond Sintered Grinding Wing Wheel High-Precision Abrasive Wheel for Hard Materials  Sintered Metal Bond Diamond Abrasive Layer Balanced Rotation Balanced Rotation	Metal Bonded Sintered Diamond Dressing Roller for Aircraft Blades Metal Bonded Sintered Diamond Dressing Roller for Aircraft Blades. Bulk and OEM supply, quote on request. CDF-426
Diamond Dressing Wheel High-Precision Grinding Solution  Premium Diamond Abrasive Uniform Grit Distribution Uniform Grit Distribution Sharp Dressing Performance	Metal Bonded Diamond Dressing Wheel High Precision (60#-3000#) Metal Bonded Diamond Dressing Wheel High Precision (60#-3000#). Bulk and OEM supply, quote on request. CDF-424	Cone Tip Diamond Dressing Pen Pointed Truing for Grinding Wheel Shaping  Triangular Diamond Tip Precision End Face Fine Truing Action	Diamond Dressing Tool for CNC Lathe Grinding Wheel (PVD/CVD, 90-95 HRC) Diamond Dressing Tool for CNC Lathe Grinding Wheel (PVD/CVD, 90-95 HRC). Bulk and OEM supply, quote on request. CDF-423

	Vitrified Bond Diamond Cup Grinding Wheel for Aluminum (60#-50000#) Vitrified Bond Diamond Cup Grinding Wheel for Aluminum (60#-50000#). Bulk and OEM supply, quote on request. CDF-323	Resin Diamond Grinding Wheel High-Performance Abrasive for Lapidary & Metal Finishing - Premium Resin Bond - Diamond Abrasive Layer - Durable Grinding - Durable Grinding Surface 	Flexible Resin Diamond Grinding Wheel Product Overview This flexible resin diamond grinding wheel is engineered for contour grinding, edge working and surface finishing... CDF-109
Electroplated Diamond Grinding Wheel High Performance Abrasive Wheel for Stone, Glass and Metal 	Electroplated Diamond Grinding Wheel (High Hardness) Product Overview This electroplated diamond grinding wheel (high hardness) diamond wheel is engineered for high-hardness grinding on carbide, hard... CDF-108	Factory Supply Support Samples, bulk orders and custom specifiers available custom specifications available - Sample available - Bulk packing - Custom sizes - Quality inspection 	Resin Diamond Burr Grinding Wheel (Deburring) Product Overview This resin-bonded burr / deburring grinding wheel diamond wheel is engineered for edge deburring, light grinding and shaping on... CDF-107

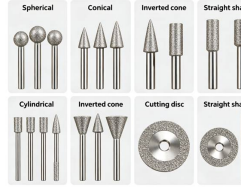
4. Hand Polishing Pads

3 products

Diamond Replacement Stick-On Layer Stick-On Abrasive Sheet for Hand Polishing Pads 	Electroplated Diamond Hand Pad with Replaceable Hook and Loop Backing Electroplated Diamond Hand Pad with Replaceable Hook and Loop Backing. Bulk and OEM supply, quote on request. CDF-526	Long-Lasting Abrasive Performance Stable sanding from start to finish 	Foam Sanding Pad 70x100x5 mm 360 Grit Hook and Loop Sponge Sandpaper Foam Sanding Pad 70x100x5 mm 360 Grit Hook and Loop Sponge Sandpaper. Bulk and OEM supply, quote on request. CDF-525
	Square Diamond Hand Polishing Block (4-Piece Set) Four-piece set of square diamond hand polishing blocks for fast, uniform surface finishing, deburring and polishing on stone, concrete and metal... CDF-159		

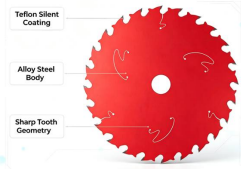
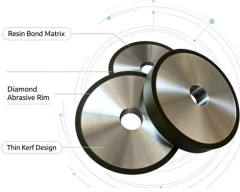
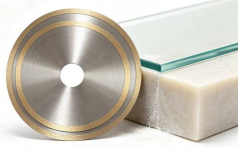
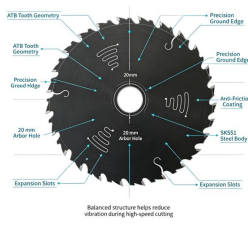
5. Thin-Walled Core Drills

2 products

Multiple Shapes & Sizes Choose the right profile for your task 	Diamond Nail Drill Bit Set for Glass and Ceramic Cutting (2-19 mm) Diamond Nail Drill Bit Set for Glass and Ceramic Cutting (2-19 mm). Bulk and OEM supply, quote on request. CDF-260	DIAMOND HOLE SAW DRILL BIT Precision Hollow Core Drill for Hard Materials 	Hollow Core Diamond Drill Bit Set for Glass and Ceramic (2-19 mm) Hollow Core Diamond Drill Bit Set for Glass and Ceramic (2-19 mm). Bulk and OEM supply, quote on request. CDF-253
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6. Saw Blades

6 products

Teflon Coated High-Speed Alloy Saw Blade Low-Noise Cutting for Metal and Alloy Materials 	TCT Coated Circular Saw Blade 185 mm 24/40/54 TPI Low Noise TCT Coated Circular Saw Blade 185 mm 24/40/54 TPI Low Noise. Bulk and OEM supply, quote on request. CDF-432	Resin Bond Ultra-Thin Diamond Cutting Blade Precision Cutting for Thin and Hard Materials 	Medium Hardness Resin Bond Ultra-Thin Diamond Cutting Disc 3.0 mm Medium Hardness Resin Bond Ultra-Thin Diamond Cutting Disc 3.0 mm. Bulk and OEM supply, quote on request. CDF-427
Sharp and Clean Cutting Smooth Edges, Minimal Chipping, Fine Finish 	Outer Ring Type Metal Bonded Diamond Cutting Disc 3.0 mm Outer Ring Type Metal Bonded Diamond Cutting Disc 3.0 mm. Bulk and OEM supply, quote on request. CDF-425	Structure Details 	Teflon-Coated Wood Multi-Rip Saw Blade 185 mm 24/40/54 TPI Teflon-Coated Wood Multi-Rip Saw Blade 185 mm 24/40/54 TPI. Bulk and OEM supply, quote on request. CDF-256
Reliable Diamond Cutting Solution Designed for precision cutting of gemstones, glass, tiles and stone materials  ◆ Diamond grit edge ◆ Ultra-thin body ◆ Shock-resistant design ◆ Smooth cutting action ◆ Smooth cutting action ◆ Multiple sizes available	Ultra-Thin Diamond Saw Blade 0.1-0.6 mm for Gem, Jade and Semiconductor Ultra-Thin Diamond Saw Blade 0.1-0.6 mm for Gem, Jade and Semiconductor. Bulk and OEM supply, quote on request. CDF-255		Nitride-Coated Diamond Saw Blade Nitride-coated diamond saw blade engineered for clean, fast cutting of stone, tile, concrete and masonry with reduced edge chipping. CDF-160

7. Wire Saws

1 products

Diamond Wire Saw Flexible Diamond Rope Saw for Stone, Concrete and Metal Cutting  Diamond Beads Wear-Resistant Flexible Custom Length	Diamond Wire Rope Saw for Concrete Demolition Diamond Wire Rope Saw for Concrete Demolition. Bulk and OEM supply, quote on request. CDF-258		
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8. Custom PCD / PCBN Tooling

1 products

Highly Sharp Edges, Smooth Cut Surface Processed products require no polishing 	PCD Diamond Rhombus CNC Turning Insert (APKT / SEHT / VCGW Series) PCD Diamond Rhombus CNC Turning Insert (APKT / SEHT / VCGW Series). Bulk and OEM supply, quote on request. CDF-257		
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9. Turning Tools

1 products

TNGA CBN Coated Turning Inserts Triangular Inserts for External Cylindrical Turning  CBN Coating Wear-Resistant Stable Cutting Multiple Sizes	Triangle CBN Coated TNGA Insert for External Turning (RL-0987) Triangle CBN Coated TNGA Insert for External Turning (RL-0987). Bulk and OEM supply, quote on request. CDF-254		
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10. Soft Grinding & Polishing

3 products

	Ceramic Particle Precision-Molded Fiber Abrasive Roll (60#-3000#) Ceramic Particle Precision-Molded Fiber Abrasive Roll (60#-3000#). Bulk and OEM supply, quote on request. CDF-328		Diamond Polishing Film for Fiber Optic Connector (30/15/9/3/1 um) Diamond Polishing Film for Fiber Optic Connector (30/15/9/3/1 um). Bulk and OEM supply, quote on request. CDF-327
AVAILABLE GRANULARITY  CUSTOM GRIT & PACKING AVAILABLE	Diamond Multi-Grain Sharpening Stone 160 x 22 x 7 mm (80-3000 PPI) Diamond Multi-Grain Sharpening Stone 160 x 22 x 7 mm (80-3000 PPI). Bulk and OEM supply, quote on request. CDF-259		

Contact & Ordering

To request specifications, pricing, a sample or a quotation, contact our team and quote the product code shown in the catalogue.

Company	CDFIT - Chengdu Future Road International Trade Co., Ltd.
Email	rebecca_weilairoad@163.com
Phone / WhatsApp	+86 188 7838 8158
Website	www.cdfit-tools.com
Contact	Rebecca

Custom PCD / PCBN tooling

Send your drawing or workpiece details and we will propose the right grade, geometry and coating, then quote with lead time.

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