



HIGH TECH GRINDING



PLATES/ADAPTERS

GRINDING AND POLISHING PLATES

XINGYI Machine Plates

3.14.112.002 Grinding Plate 220mm / HTG 550

92.32.18.308 Grinding Plate 278mm / 820 RC

3.14.112.003 Grinding Plate 256mm / 800-LE

3.14.112.038 Grinding Plate 230mm / HTG-680

3.14.112.039 Velcro Plate for 820 RC



220 mm Plate / HTG-550



278 mm Plate



Velcro Plate / 820-RC

Velcro Adapters for Xingyi Machines

3.22.115.039 3"- Velcro Adapters for magnetic plates

3.22.115.040 4"- Velcro Adapters for magnetic plates



3" Standard Adapter








4" Adapter

TOOLING HARDNESS CHART

GRINDING AND POLISHING SYSTEMS

HARDNESS CHART

DIAMOND POLISHING SELECTION

>5500 PSI SUPER SOFT BOND	4000-5500 PSI SOFT BOND	3000-4000 PSI MEDIUM BOND	2500-3000 PSI HARD BOND	< 2500 PSI EXTRA HARD BOND
				
For Extra Hard Concrete	For Hard Concrete	For Medium Hard Concrete	For Soft Concrete	For Extra Soft Concrete

SELECTING THE PROPER TOOLING HARDNESS

It is important to understand how to select the proper tooling hardness for the concrete your grinding. For hard concrete surfaces you will need a soft or super soft tool. If you don't use a soft bond tool, the surface of the tool will glaze over and prevent the diamonds from cutting. When cutting a soft concrete surface you will need to use a hard bonded tool. If you run a medium or soft tool on soft concrete, the tool will wear excessively quick, resulting in poor production. The best time to determine what type of tool you will need is during the mock-up stage of a project.

METAL BONDED DIAMOND TOOLS

Double Segment Trapezoid Pads

A06.01.2410	16/20 Grit Double Segment, soft, red
A06.01.2412	16/20 Grit Double Segment, medium, green
A06.01.2413	16/20 Grit Double Segment, hard, blue
A06.01.2411	30/40 Grit Double Segment, soft, red
A06.01.2416	30/40 Grit Double Segment, medium, green
A06.01.2419	30/40 Grit Double Segment, hard, blue
A06.01.2414	60/80 Grit Double Segment, soft, red
A06.01.2417	60/80 Grit Double Segment, medium, green
A06.01.2420	60/80 Grit Double Segment, hard, blue
A06.01.2415	120/140 Grit Double Segment, soft, red
A06.01.2418	120/140 Grit Double Segment, medium, green
A06.01.2421	120/140 Grit Double Segment, hard, blue

- For use under all Xingyi machines
- For grinding and surface preparation



3" 8 Segment Round Pads

A06.01.2439	16/20 Grit 8 Segment, soft, red
A06.01.2440	30/40 Grit 8 Segment, soft, red
A06.01.2442	60/80 Grit Double Segment, soft, red
A06.01.2443	120/140 Grit Double Segment, soft, red
A06.01.2438	16/20 Grit 8 Segment, medium, green
A06.01.2444	30/40 Grit 8 Segment, medium, green
A06.01.2445	60/80 Grit Double Segment, medium, green
A06.01.2446	120/140 Grit Double Segment, medium, green
A06.01.2437	16/20 Grit 8 Segment, hard, blue
A06.01.2447	30/40 Grit 8 Segment, hard, blue
A06.01.2448	60/80 Grit Double Segment, hard, blue
A06.01.2449	120/140 Grit Double Segment, hard, blue

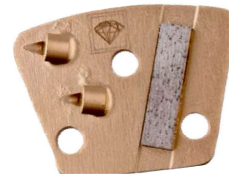


PCD TOOLING

POLY CRYSTALLINE DIAMOND TOOLING

A06.01.2430 "left"	
A06.01.2431 "right"	full round PCD with bar
A06.01.0181 "left"	
A06.01.0180 "right"	2 quarter round PCD with bar
A06.01.1955 "left"	
A06.01.2494 "right"	5 quarter round PCD with bar

- High quality tools that are designed to scrape the surface instead of creating a profile. Superior for removing coatings or glue on existing concrete.

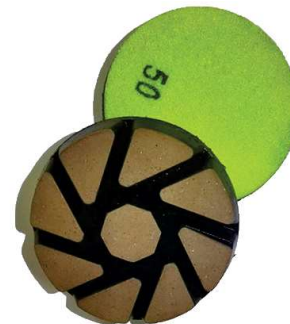


TRANSITIONAL TOOLING

3" Ceramis pads

A06.02.1766	3" -30 Grit Ceramic pad
A06.02.1707	3" -50 Grit Ceramic pad
A06.02.1708	3" -100 Grit Ceramic pad
A06.02.1709	3" - 200 Grit Ceramic pad
A06.02.2031	3" - 400 Grit Ceramic pad

- High quality ceramic bonded tooling for removing scratches from metal bonded tools. Typically used to hone the surface during concrete polishing.



RESIN BONDED TOOLING

POLISHING TOOLING

3" Premium Polishing Pads

A06.02.1720 12mm 50 grit tool

A06.02.1721 12mm 100 grit tool

A06.02.1722 12mm 200 grit tool

A06.02.1723 12mm 400 grit tool

A06.02.1724 12mm 800 grit tool

- Velcro backed high quality 12mm tools for good performance and long life.



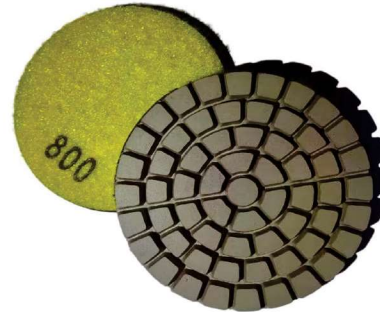
3" Superior Polishing Pads

A06.02.1705 4mm 800 grit tool

A06.02.1706 4mm 1500 grit tool

A06.02.1707 4mm 3000 grit tool

- Velcro backed high quality 4mm tools
- Resin bonded tooling are best for polishing concrete and creating levels of gloss on the surface. The level of gloss is controlled by the grit of the tooling and the speed of the grinding heads.



3" Wet Polishing Pads

A06.02.1174 10mm 50 grit tool

A06.02.1281 10mm 100 grit tool

A06.02.1282 10mm 200 grit tool

A06.02.1783 10mm 400 grit tool

A06.02.1784 10mm 800 grit tool

- Velcro backed high quality 10mm tools designed for wet polishing projects and for good performance and long life.



10" CUP WHEEL

GRINDING AND POLISHING SYSTEMS

10" Cup Wheel

A06.01.0420 10" - Premium Cup Wheel

- Aggressive, productive blades.
- For use on the 250-VS edge grinder and 250-D edge grinder.
- Aggressive, productive blades. Perfect for surface preparation and coating removal. Fast and efficient for cutting or grinding.



CUP-WHEELS

CUP WHEEL DIAMOND TOOLING

Arrow-Seg Cup Wheels

A06.01.2580	5" Arrow-seg Cup Wheel, 16 grit
A06.01.2581	5" Arrow-seg Cup Wheel, 30 grit
A06.01.2582	5" Arrow-seg Cup Wheel, 60 grit
A06.01.2583	7" Arrow-seg Cup Wheel, 16 grit
A06.01.2584	7" Arrow-seg Cup Wheel, 30 grit
A06.01.2585	7" Arrow-seg Cup Wheel, 60 grit



Swirl Cup Wheels

A06.01.2403	5" -Swirl Cup Wheel, 50 grit
A06.01.2405 A06.01.2892	5" -Swirl Cup Wheel, 100 grit
A06.01.2404	7" -Swirl Cup Wheel, 50 grit
A06.01.2576	7" -Swirl Cup Wheel, 100 grit



Z Cup Wheels

A06.01.2892	5" -Z Cup Wheel, 50 grit
A06.01.2893	5" -Z Cup Wheel, 100 grit
A06.01.2894	7" -Z Cup Wheel, 50 grit
A06.01.2895	7" -Z Cup Wheel, 100 grit



Ceramic Cup Wheels

A06.02.1710	5" Ceramic 50 grit Cup Wheel
A06.02.1711	5" Ceramic 100 grit Cup Wheel
A06.02.1712	7" -Ceramic 50 grit Cup Wheel
A06.02.1713	7" -Ceramic 100 grit Cup Wheel



Diamond cup wheels are used for:

- Concrete cleaning, thin coating removal, edging and concrete removal.
- Cup wheels with fewer segments offer faster, more aggressive grinding.
- Cup wheels with more segments provide smoother finishing and longer life.

BURNISHING PADS

DIAMOND IMPREGNATED PADS

27" - Burnishing Pads

B01.02.010	27" - 800 grit Burnishing Pad
B01.02.011	27" - 1500 grit Burnishing Pad
B01.02.012	27" - 3000 grit Burnishing Pad

- Quality high-speed diamond impregnated burnishing pad.
- For use on concrete and stone during the polishing process.
- Extremely hard diamonds baked into hogs hair pads.
- 15-20K Production rates.



4" - Buffing Pads

A06.03.0281	1000 grit Buffing Pad
A06.03.0282	2000 grit Buffing Pad
A06.03.0283	3000 grit Buffing Pad
A06.03.0284	6000 grit Buffing Pad
A06.03.0285	10000 grit Buffing Pad

- Buffing Pads are designed to burnish the surface after polishing has been completed. They can also be used for maintenance on polished concrete floors.



CONCRETE GRINDING & POLISHING TOOLS 2024



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