

THE PEARL HEXPIN™ SYSTEM

SCRAPE

GRIND

& MORE

CARBIDE
ATTACHMENT

DIAMOND PIN
ATTACHMENT

DIAMOND PADS™
ATTACHMENT

HEXCUP™
ATTACHMENT

TURBO-CUT™
ATTACHMENT

DISC PADS™
ATTACHMENT



FLOOR PREPARATION SYSTEM

IT DOES MORE THAN SCRAPE!

The Pearl Hexpin® System has revolutionized floor preparation. Use the standard Hexpin® Plates or Hexpin® Blocks with our patented system of interchangeable Hexpins® for grinding, sanding, polishing and coating removal. Pearl's unique spring-based technology allows the Hexpin® attachments to float easily over rough surfaces while the fluted plate design helps maintain dust control. Engineered for use on standard floor buffers and dual-headed diamond grinders, the Pearl Hexpin® System is a tool that gives you choices. When looking to increase productivity and profitability, look to Pearl Professional Products for true craftsmanship... THE PEARL HEXPIN® SYSTEM.



HEXPLATES™

11" HEXPLATES™ FOR 13" BUFFERS OR 11" SINGLE HEAD FLOOR GRINDERS



Shown with diamond Pins.



Wide variety of interchangeable pins for grinding, sanding and coating removal. Spring mounted pins to allow for uneven surfaces.

PT. NUMBER	SPECS
HEX1154	11" plate with 5 diamond pads
HEX1110G	11" plate with 10 green diamond pins (gen. purpose)
HEX1110C	11" plate with 10 gold diamond pins (coarse diamonds)
HEX1110B	11" plate with 10 blue diamond pins (hard bonded)
HEX11CBD	11" plate with 10 carbide pins
HEX11QC	11" plate with 5 quick change pins
HEX11FTC	11" plate with 5 turbo cut pins
HEX11CBD3	11" plate with 10 carbide #3 cutter pins
HEX11CBD4	11" plate with 10 carbide #4 cutter pins

15" HEXPLATES™ FOR 17" OR 18" BUFFERS



Shown with NEW & IMPROVED diamond pads.



Wide variety of interchangeable pins for grinding, sanding and coating removal. Spring mounted pins to allow for uneven surfaces.

PT. NUMBER	SPECS
HEX1764	15" plate with 6 diamond pads NEW & IMPROVED!
HEX1712	15" plate with 12 green diamond pins (gen. purpose)
HEX1712C	15" plate with 12 gold diamond pins (coarse diamonds)
HEX1712B	15" plate with 12 blue diamond pins (hard bonded)
HEX17CBD	15" plate with 12 carbide pins
HEX17QC	15" plate with 6 quick change pins
HEX17FTC	15" plate with 6 turbo cut pins
HEX17BPD	15" plate with 6 hook and loop backing pads
HEX17CUP	15" plate with 6 diamond cups
HEX17CBD3	15" plate with 12 carbide #3 cutter pins

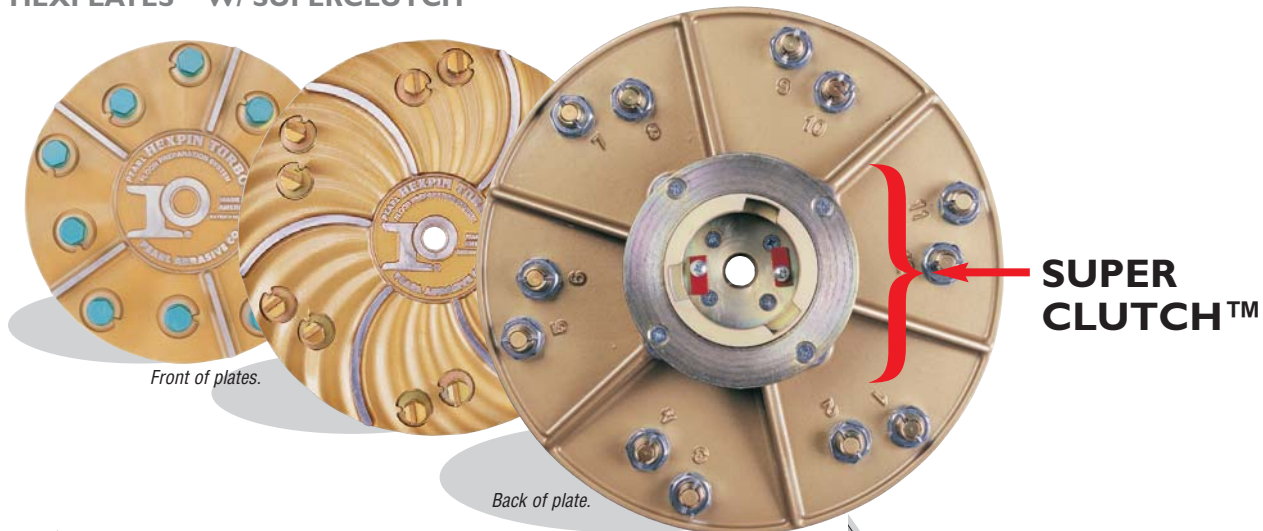
PRODUCTION KITS

HEX17KTG	1 HEX17CBD Plate and 12 HEX1PNG pins
HEX17KTC	1 HEX17CBD Plate and 12 HEX1PNC pins
HEX17KTT	1 HEX17CBD Plate and 6 HEX1FTC pins

SUPERCLUTCH™

“SAFELY PREVENTS COUPLER BREAKAGE AND BUFFER DAMAGE.”

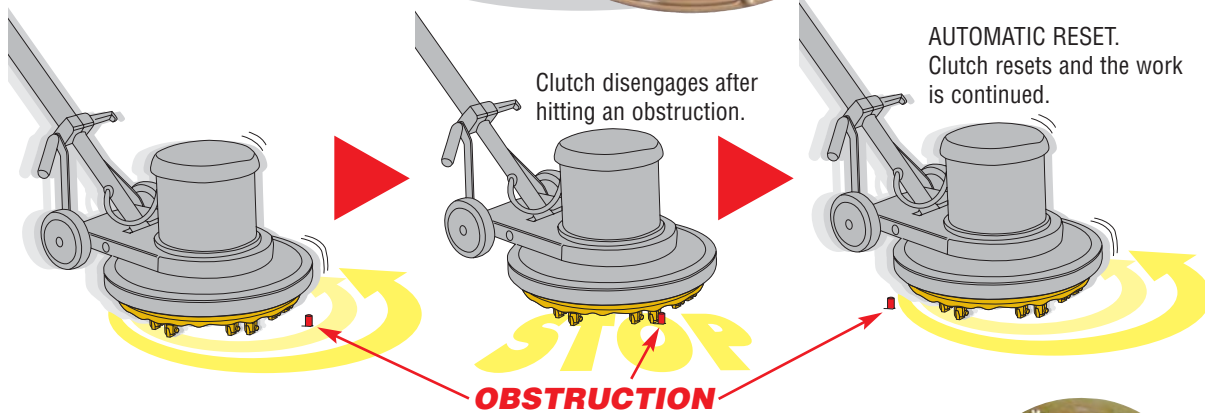
HEXPLATES™ W/ SUPERCLUTCH™



Front of plates.

Back of plate.

SUPER CLUTCH™



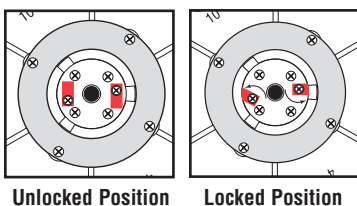
Clutch disengages after hitting an obstruction.

AUTOMATIC RESET.
Clutch resets and the work is continued.

OBSTRUCTION

FEATURES	BENEFITS
Super Clutch™ will disengage if the Hexpin® Plate hits an obstruction (i.e. bolts).	Protects operator from injury, protects buffer from damage and keeps buffer coupler from breaking.
Super Clutch™ is self resetting.	Simply turn off buffer and restart - less downtime.
Manually resetting torque locks (red tabs) inside clutch housing will keep clutch from disengaging.	Easy manual disengagement.

Torque Locks can be locked into place if there is a problem with the clutch disengaging too often because of the job. Simply loosen the screws holding the torque locks and turn the long end under the toothed slip ring. **TIGHTEN THE SCREWS!**



CAUTION: Coupler will not be protected if torque locks are left in the lock-out position.



PT. NUMBER	SPECS
HEX1CLUTCH	SuperClutch™ only

FOR 15" HEXPLATE™

HEX1764CLT	15" plate w/ clutch and 6 diamond pads NEW & IMPROVED!
HEX1712CLT	15" plate w/ clutch and 12 green diamond pins (gen. purpose)
HEX1712CCCLT	15" plate w/ clutch and 12 gold diamond pins (coarse)
HEX1712BCLT	15" plate w/ clutch and 12 blue diamond pins (hard bonded)
HEX17CBDCLT	15" plate w/ clutch and 12 carbide pins
HEX17QCCLT	15" plate w/ clutch and 6 quick change pins
HEX17FTCCCLT	15" plate w/ clutch and 6 turbo cut pins
HEX17BPDCLT	15" plate w/ clutch and 6 hook and loop backing pads
HEX17CUPCLT	15" plate w/ clutch and 6 diamond cups
HEX17CBD3CLT	15" plate w/ clutch and 12 carbide #3 cutter pins
HEX17CBD4CLT	15" plate w/ clutch and 12 carbide #4 cutter pins
HEX17CLTH	15" plate w/ clutch only

FOR 11" HEXPLATE™

HEX1154CLT	11" plate w/ clutch and 5 diamond pads
------------	--

HEXPIN® APPLICATION CHART

EQUIPMENT AND ACCESSORIES

FLOOR PREPARATION SYSTEM

SURFACE	CONDITION	JOB								
			CARBIDE CHIP	50-50 REVERSE	AGGRESSIVE CHIP	VERY AGGRESSIVE CHIP	GREEN DIAMOND	GOLD DIAMOND	BLUE DIAMOND	TURBO CUT™
CONCRETE	Cured	Sanding					🌀			
		Grinding						🌀		
	Green	Sanding							🌀	
		Grinding							🌀	
Uneven	Grinding									
PAINT	Stripe Line	Removal	🌀	🌀	🌀	🌀				🌀
		Cleanup					🌀	🌀		🌀
	Floor Paint	Removal	🌀	🌀	🌀	🌀				🌀
		Cleanup					🌀	🌀		🌀
	Old Paint	Removal	🌀	🌀	🌀	🌀				🌀
		Cleanup					🌀	🌀		🌀
ADHESIVES and COATINGS	Thinset	Removal	🌀		🌀	🌀				
		Cleanup	🌀			🌀	🌀	🌀		🌀
	Carpet Mastic	Removal	🌀	🌀	🌀	🌀				
		Cleanup				🌀	🌀	🌀		🌀
	Rubber Carpet Backing	Removal	🌀	🌀	🌀	🌀				
		Cleanup				🌀	🌀			🌀
	Epoxy	Removal		🌀	🌀	🌀				🌀
		Scarification						🌀		🌀
	Urethane	Removal	🌀	🌀	🌀	🌀				🌀
		Scarification								🌀
Fiberglass	Removal	🌀		🌀						
STONE FLOOR MAINTENANCE	Terrazzo	Lippage Removal								
		Polishing								
	Marble	Lippage Removal								
		Polishing								
WOOD	Sanding	Sanding								🌀
	Paint Removal	Paint Removal								🌀
	Coating Removal	Coating Removal								🌀
GENERAL PURPOSE	Ice	Removal	🌀		🌀	🌀				
	Wax	Remove/Apply								
	Rust on Steel	Cleanup								🌀
	Dirt and Grease	Removal	🌀		🌀	🌀				🌀
	VCT Tile	Cleaning								

INDIVIDUAL JOB REQUIREMENTS MAY VARY.
 This chart only represents a general overview of Pearl's Hexpin® System. For more complete technical instruction, please refer to our Hexpin® Information Booklet or consult your local distributor.

50-50 Reverse-Reverse. See Hexpin™ information booklet for explanation of chip method.

Aggressive Chip. Use twelve (12) HEX3CARB


Very Aggressive Chip. Use twelve (12) HEX4CARB and a Super Clutch™

General Purpose Diamond Pin.

Heavy Duty Diamond Pin.

Hard Bond for Green Concrete Diamond Pin.

HEXPIN® APPLICATION CHART

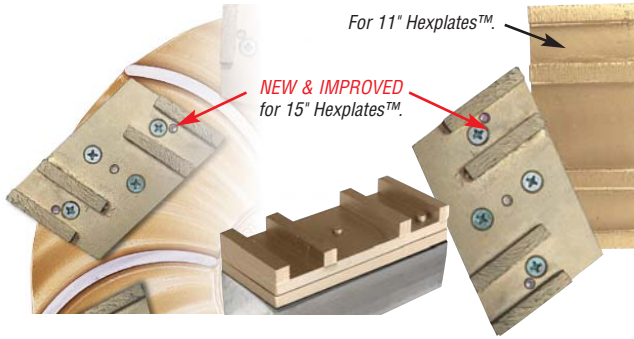
SURFACE	CONDITION	JOB					COMMENTS
			DIAMOND PADS	DIAMOND HEXCUPS®	DIAMOND DISC PADS	GRINDING STONE	
CONCRETE	Cured	Sanding	✳	✳		✳	• For increased performance add weight.
		Grinding	✳	✳		✳	
	Green	Sanding				✳	
		Grinding				✳	
	Uneven	Grinding	✳	✳		✳	
PAINT	Stripe Line	Removal					• For increased performance add weight. • Fine sand may be added to enhance paint removal.
		Cleanup	✳				
	Floor Paint	Removal					
		Cleanup	✳	✳		✳	
	Old Paint	Removal					
		Cleanup	✳	✳		✳	
ADHESIVES and COATINGS	Thinset	Removal					• For increased performance add weight. • Fine sand may be added to enhance adhesive coating removal with Carbide and Diamond Hexpin®. • Cleanup applications should only be done when most of the mastic has been removed with Carbide Hexpins®. Concrete must be exposed before moving to Diamond or Turbo-Cut™ Hexpins® for cleanup.
		Cleanup	✳	✳		✳	
	Carpet Mastic	Removal					
		Cleanup	✳	✳		✳	
	Rubber Carpet Backing	Removal					
		Cleanup	✳	✳		✳	
	Epoxy	Removal	✳				
		Scarification	✳	✳		✳	
	Urethane	Removal					
		Scarification	✳	✳			
Fiberglass	Removal						
STONE FLOOR MAINTENANCE	Terrazzo	Lippage Removal			✳		• Diamond Disc Pad Hexpins® are available in a variety of grits. Match the grit selection to job application.
		Polishing			✳		
	Marble	Lippage Removal			✳		
		Polishing			✳		
WOOD	Sanding	Sanding					• The Hexpin® Sander attachment allows standard buffer accessories to be used with the Pearl Hexpin® Plate. Select the appropriate attachment for your job application.
	Paint Removal	Paint Removal					
	Coating Removal	Coating Removal					
GENERAL PURPOSE	Ice	Removal					
	Wax	Remove/Apply					
	Rust on Steel	Cleanup				✳	
	Dirt and Grease	Removal	✳			✳	
	VCT Tile	Cleaning					

INDIVIDUAL JOB REQUIREMENTS MAY VARY.
 This chart only represents a general overview of Pearl's Hexpin® System. For more complete technical instruction, please refer to our Hexpin® Information Booklet or consult your local distributor.

EQUIPMENT AND ACCESSORIES

FLOOR PREPARATION SYSTEM

HEXPLATE™ ATTACHMENTS



FOR 15" HEXPLATE™ NEW & IMPROVED!

PT. NUMBER	SPECS
HEX1764	15" plate with 6 diamond pads
HEX1764CLT	15" plate with Super Clutch™ and 6 diamond pads
HEX4SEG	Complete diamond pin holder with diamond pad
HEX4PAD	Diamond pad only, 4 segments - incl. nuts and washers
HEX4HLDR	Pad holder only - incl. springs, nuts and washers
HEX4HRDW	Hardware for diamond pad - incl. springs, nuts and washers

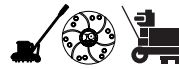
FOR 11" HEXPLATE™

PT. NUMBER	SPECS
HEX1154	11" plate with 5 diamond pads
HEX1154CLT	11" plate with Super Clutch™ and 5 diamond pads
HEX5SEG	Complete diamond pin holder with diamond pad
HEX5PAD	Diamond pad only, 4 segments - incl. nuts and washers
HEX5HLDR	Pad holder only - incl. springs, nuts and washers
HEXPHRDW	Hardware for diamond pad - incl. springs, nuts and washers

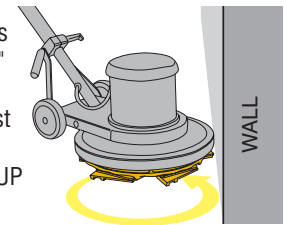
FOR HEXPIN™ BLOCK

PT. NUMBER	SPECS
HEX2BLK4	Hexblock with segmented pad
HEX2BSEG	Hexblock segmented pad
HEX2BPAD	Diamond pad for block only, 4 segments - incl. springs, screws and washers
HEX2BHLDR	Pad holder for block only - incl. springs, screws and washers
HEX2BHRD	Hardware for Hexpin® block diamond pad - incl. springs, screws and washers

DIAMOND SEGMENTED PADS ATTACHMENT



Pearl has a NEW AND IMPROVED Diamond Segmented Pad (HEX4PAD) designed to be used on the 15" Hexplate™. They are made with an overall larger grinding/sanding area which increases production. When attached to the 15" Hexplate™, the new and improved Diamond Segmented Pads extend past the edge of the plate allowing the operator to GRIND OR SAND RIGHT UP TO THE EDGE OF THE WALL.



All Pearl's diamond segmented pad attachments are engineered with an overall larger grinding surface area than the competition. This extends the life and improves the all-around grinding speed and performance. Can be used wet or dry on concrete surfaces for grinding and coating removal.

20% MORE GRINDING SURFACE AREA THAN THE COMPETITION.

- Use with your standard Hexpin® plates & block
- Faster and more aggressive grinding
- Wide diamond segments mean longer life
- Easily removes trowel marks
- Smooths rough finishes
- Provides texture to slippery surfaces
- Prepares concrete surfaces for coatings
- Removes sealers and bond breaker coatings

DIAMOND HEXPIN® ATTACHMENT



Designed to be used for grinding and sanding concrete surfaces. Pins offered in GREEN-general purpose, GOLD-heavy duty and BLUE-hard bonded pins for abrasive surfaces.

PT. NUMBER	SPECS
HEX1PNG	Replacement general purpose green pins
HEX1PNC	Replacement coarse gold pins
HEX1PNB	Replacement hard bonded blue pins for abrasive surfaces

HEX-CUP™ HEXPIN® ATTACHMENT



Use with Quick Change attachment. Sold separately.



Specially engineered 4" diamond cup wheels provide superior grinding on flat slab surfaces. Unique beveled edge design allows these Cup Wheel Hexpins® to glide easily over slab concrete surfaces.

PT. NUMBER	SPECS
HEX1CUP	4" cup wheel (coarse)

EQUIPMENT AND ACCESSORIES

FLOOR PREPARATION SYSTEM



CARBIDE HEXPIN® ATTACHMENT



Designed and fitted with a replaceable, four sided, abrasion resistant, carbide insert. Use for scraping and removal of a variety of coatings and paints from concrete surfaces

HEX1CHIP CARBIDE CHIP CHIP #1



Use in removing thinset, mastics, glue, rubber or foam backed carpet residue, dirt buildup, ice & paint.

PT. NUMBER	SPECS
HEX1CARB	Carbide holder with #1 chip and screw (complete)
HEX1CHIP	#1 replacement carbide chip
HEX1SCRE	Replacement screw for #1 chip
HEX1CRBH	Carbide holder for #1 chip

HEX3CHIP CARBIDE CHIP AGGRESSIVE CHIP #3



Useful when taking up unusually difficult-to-remove mastics and glue. The chip has a hole to secure the chip when working in rough conditions.

PT. NUMBER	SPECS
HEX3CARB	Carbide holder with #3 chip and screw (complete)
HEX3CHIP	#3 replacement carbide chip with screw hole
HEX3SCRE	Replacement screw for #3 chip
HEX3CRBH	Carbide holder with screw for #3 chip

HEX4CHIP CARBIDE CHIP VERY AGGRESSIVE CHIP #4



WITH 8 SHARP EDGES! Best used to remove thin paint and epoxy from concrete, but works well for other concrete surface removal applications. So aggressive, we recommend that it only be used with the Hexpin® Super Clutch™ plate.

PT. NUMBER	SPECS
HEX4CARB	Carbide holder with #4 chip and screw (complete)
HEX4CHIP	#4 replacement carbide chip with screw hole
HEX4SCRE	Replacement screw for #4 chip
HEX4CRBH	Carbide holder with screw for #4 chip

TURBO-CUT™ HEXPIN® ATTACHMENT



Specially engineered for coating removal where abrasive grains are more effective than customary scraping methods. Suited for light scarification of coated surfaces, removal of urethane and rubberized coatings, sealers and light rust from metal surfaces.

PT. NUMBER	SPECS
HEX1FTC	Turbo-Cut™ Hexpin® (complete)
FSP4516	4-1/2 x 7/8 • C16-Turbo-Cut™ disc
FPD50	Replacement plastic backup pad
FPD70	Heavy duty Replacement plastic backup pad
HX1FTCHL	Turbo-Cut™ holder
HX1FTCNT	Nut for Turbo-Cut™ holder
HX1FTCSC	Screw for Turbo-Cut™ nut

3" DIAMOND DISC PADS HOOK & LOOP ATTACHMENT



Use with diamond disc pad attachment. Sold separately.

Proprietary Hybrid Resin Technology. Special non-marking resin. Thick crack resistant base extends pads life. Beveled edge improves polishing capability.

PT. NUMBER	SPECS
FSPD3050	3" x 50 grit (olive)
FSPD3100	3" x 100 grit (black)
FSPD3200	3" x 200 grit (red)
FSPD3500	3" x 500 grit (beige)
FSPD31000	3" x 1000 grit (white)
FSPD32000	3" x 2000 grit (royal blue)
FSPD3BUFF*	3" x BUFF (navy blue)

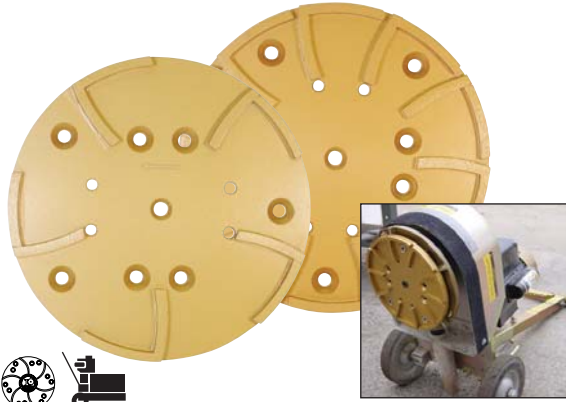
*Use dry on dark color stones, wet on light color stones

Recommended rpm - 100 to 200

EQUIPMENT AND ACCESSORIES

FLOOR PREPARATION SYSTEM

10 IN. SURFACE GRINDING PLATE

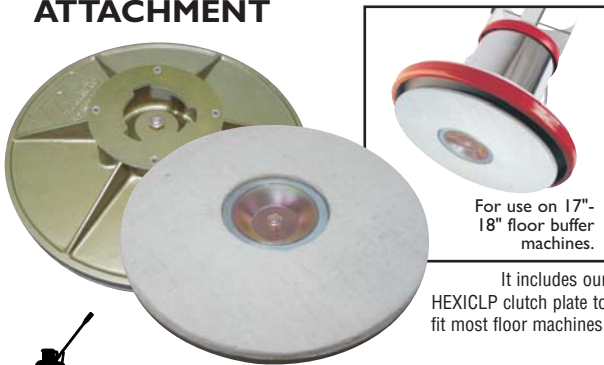


Designed for grinding concrete. They are excellent for aggressive stock removal and give rough concrete surfaces the smoothest finish in the quickest time. Can be used on single-head floor machines and may also be attached to Pearl's 11" Hexplate™ for use on the GRM11.

- Available in 10 or 20 segments.
- Wet or dry use. Fast grinding. Long life.

PT. NUMBER	SPECS
HEX1GHP10	10" x 3/4" arbor, 4 holes • 10 Segments
HEX1GHP20	10" x 3/4" arbor, 4 holes • 20 Segments

16 IN. SANDING PLATE ATTACHMENT



For use on 17"-18" floor buffer machines.

It includes our HEXICLP clutch plate to fit most floor machines.

- Heavy duty aluminum plate. • 3/8" thick felt pad.
- Durable metal center casting.

PT. NUMBER	SPECS
BUFSP16	16" Sanding Plate Attachment
NEW! BUFFELT16	Replacement Pad

Dense heavy duty felt. Rated #1 in density.



QUICK CHANGE™

A unique Hexpin® attachment with 5/8-11 reverse thread for use with a variety of Quick Change Hexpin® attachments.

PT. NUMBER	SPECS
HEX15811	Quick change Hexpin®

GRINDING STONE ATTACHMENT

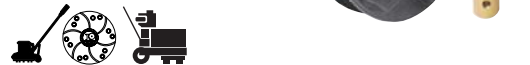


Use for grinding terrazzo, concrete, or stone. **Coarse** - for aggressive removal of rough concrete, uneven joints, mastics, aggregate surfaces and grinding terrazzo. **Medium** - finish grinding of concrete, stone, terrazzo, aggregate surfaces and brick. **Fine** - smooth grinding of concrete, terrazzo, stone & brick. 6 blocks required for each machine.

PT. NUMBER	SPECS	PCS/BOX
BLK210	2 x 2 x 4 • C10 (coarse)	6
BLK224	2 x 2 x 4 • C24 (medium)	6
BLK280	2 x 2 x 4 • C80 (fine)	6
BLKWGD	Replacement Wooden Wedge	6

BACK UP PAD FOR DIAMOND DISC PADS

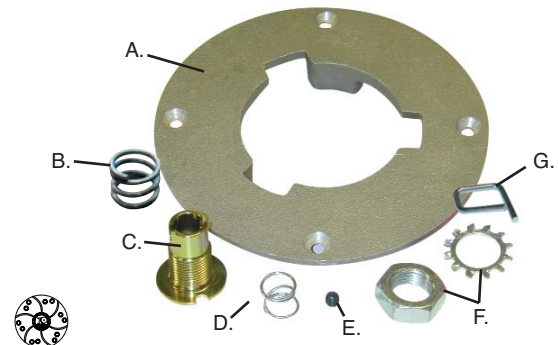
Shown with Hook & Loop Pad and Quick Change attachment.



USE WITH QUICK CHANGE™. Special backup pads and diamond polishing discs can be used for polishing marble and granite floors.

PT. NUMBER	SPECS
HEX1BPD3	3" back up pad

REPLACEMENT PARTS FOR PLATES AND BLOCKS



PT. NUMBER	SPECS
A. HEX1CLP	Clutch plate
B. HEX2SPNG	Heavy duty spring
C. HEX1SLV	Replacement carbide sleeve
D. HEX1SPNG	Spring
E. HEX1SCRE	Screw
F. HEX1HRDW	Nut and lock washer
G. HEX1EZPIN	EZ Lock pin

FLOOR CARE EQUIPMENT

17" FLOOR MACHINE

17" HAWK BUFFER HEAVY DUTY FLOOR MACHINE

PT. NUMBER

#HEX1BFRHK

1-1/2 HP DUAL CAPACITOR
BALDOR AC MOTOR AND SDP
(SEVERE DUTY PLANETARY)
3 IDLE GEAR BOX - 160 RPM.

LONG 50 FT. (14-3) CORD.

USE WITH 15" HEXPLATES



OPTIONAL ACCESSORIES:



SOLUTION TANK
- 4-gal. capacity
PART #BUFTNK02



WEIGHT POST
PART #HP0008



10-LB. WEIGHTS
PART #HEX10LBS

**15" HEXPLATES,
SEE PAGE 62.**

ADD-A-WHEEL™ BUFFER ATTACHMENT

ADD-A-WHEEL™ BUFFER ATTACHMENT

PT. NUMBER

#BUFAW-1



STABILIZES THE BUFFER.

EASY TO INSTALL.

MANEUVERS WITH EASE.

BETTER BUFFER CONTROL.

FOR USE ON HAWK AND SATURN MACHINES.



Shown with buffer.

NEW

EQUIPMENT
AND
ACCESSORIES

FLOOR
PREPARATION
SYSTEM