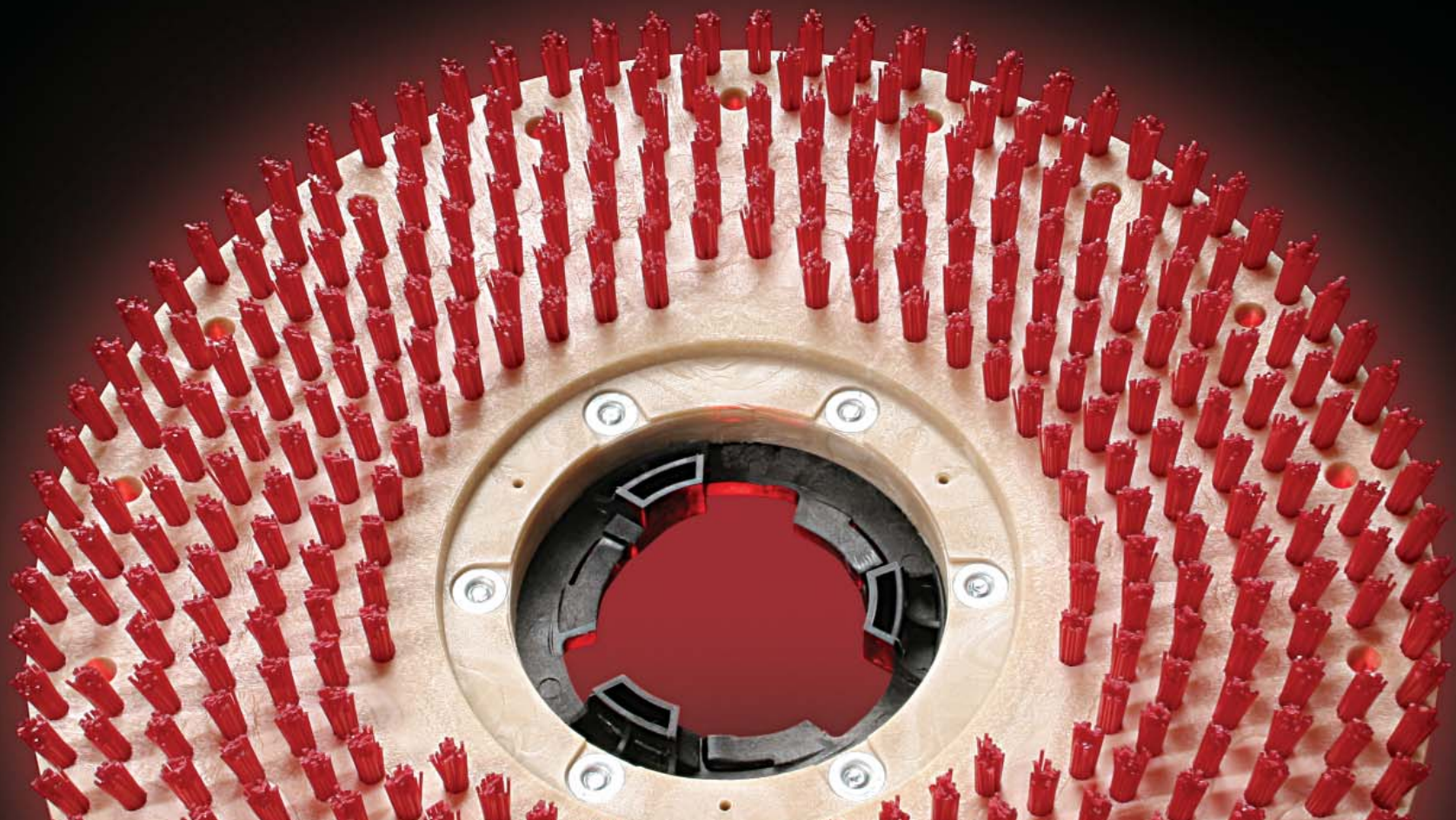




**Rotary
Brush &
Accessories
Catalog**



ENGINEERED BRUSH SOLUTIONS FOR THE COMMERCIAL FLOOR CARE MARKET

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How to Break in a Brush

Before using a new brush on carpeting, the brush should be broken in according to the following directions. This will eliminate possible excess drag by "tipping" the strands, removing any possible burrs caused by the manufacturing process.

Break-in Procedure

1. Mount the brush on the floor machine. Follow ALL instructions included in your owner's manual.
2. Find a rough textured floor surface, preferably unfinished concrete.
3. Operate the machine on this surface. Run the machine DRY for approximately 15-20 minutes. The brush fibers will take a slight set or lean in the direction of machine rotation.
4. Rinse the brush to remove any dirt caught when running machine. The brush is now ready to be used on carpeting.

How to Select the Correct Malish Rotary Product

When contacting our customer service department, please provide the following information to help us assist you in ordering the proper product.

Pad Driver or Brush

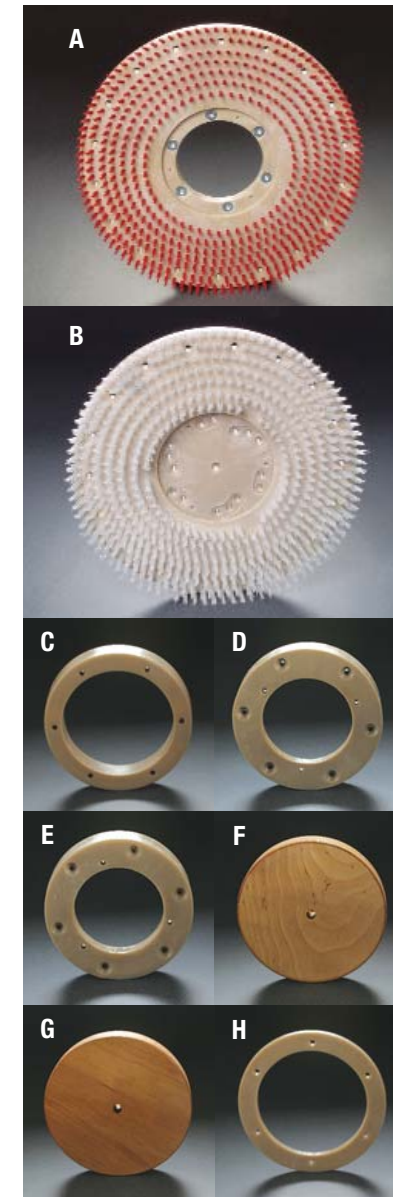
If your preference is to have a dedicated product, select a brush. If you have a variety of applications, your choice may be a pad holder. The surface being cleaned and the amount of dirt buildup will help determine the selection. The key to remember when ordering these items is the block diameter in relationship to the machine size. A brush is sized 2 inches smaller than the machine because of the flare of the brush fibers. Pad drivers are specified 1 inch smaller than the machine.

Machine Make and Model Number

When calling customer service, please have the machine manufacturer and model number to help determine the block size, center hole diameter and clutch plate necessary to attach the block to the machine. If the machine size is not apparent from the model number, please provide this specification.

Application Guide

Applications	Product	MAL-GRIT XTRA™	MAL-GRIT™	CLEAN GRIT™	MAL-GRIT LITE™	.028" Nylon	.025"/.028" Nylon	.028" Polypropylene	.020"/.025" Polypropylene Combination Fill	Wire	Bassine	Union Mix	White Tampico	Butcher (Flat) Wire	SP 17
Stripping:															
Terrazzo		•	•												
Vinyl Tile			•												
Ceramic/Quarry Tile			•												
Linoleum			•												
Scarifying Concrete														•	•
Concrete Scraping															•
General Scrubbing:															
Heavily Soiled Concrete		•	•	•		•		•		•	•				•
Moderate to Lightly Soiled Concrete				•		•		•		•	•				
Vinyl Tile				•		•		•		•	•				
Terrazzo				•		•		•		•	•				
Ceramic/Quarry Tile				•		•		•		•	•				
Linoleum				•		•		•		•	•				
Marble						•		•		•	•				
"Raised Disc" Rubber Tile						•		•		•	•				
Non-Slip Epoxy Finish						•		•		•	•				
Carpet Scrubbing						•		•		•	•				
Hard Surface Polishing:															
"Raised Disc" Tile													•	•	
Marble													•	•	
Linoleum/Vinyl Tile													•	•	



A. PAD-LOK™ **BEST SELLER**

Heavy polypropylene strands trimmed offset at 1/2" are staple set in our TUFF-BLOCK®, making this the superior tufted pad driver choice. Tufts penetrate into the pad for secure holding power. Includes our 1-1/4" thick plastic riser. (Can also be ordered without riser.)

B. MAL-LOK™ Style I

1" offset trimmed heavy polypropylene tufts penetrate pad at different depths for maximum holding power. An excellent choice for use on automatic machines and for bonnets and yarn pads.

A PAD-LOK™	B MAL-LOK™ Style I	Block Type	Block Diameter
782710	782450	Wood	10"
782711	782451	Plastic	11"
782712	782452	Plastic	12"
782713	782453	Plastic	13"
782714	782454	Plastic	14"
782715	782455	Plastic	15"
782716	782456	Plastic	16"
782717	782457	Plastic	17"
782718	782458	Plastic	18"
782719	782459	Plastic	19"
782720	782460	Plastic	20"
782721	782461	Wood	21"
782722	—	Wood	22"

Risers

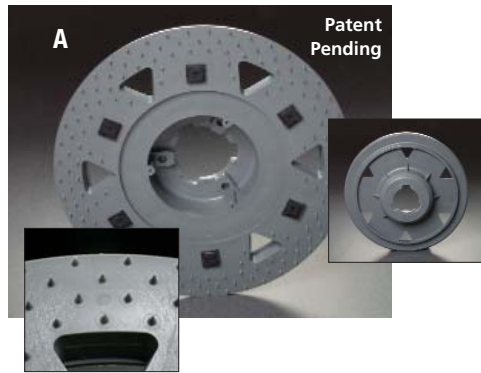
Plastic risers are available in thicknesses of either 1-1/4" (standard) or 1-1/2". Marine grade plywood risers are available for use on wood blocks or when non-standard center hole dimensions are required.

Part No.	Description	Diameter	Center Hole	Height	Photo Ref.
ZRPLRISER	Plastic Riser	6-3/4"	5"	1-1/4"	C
ZRPLR125	Plastic Riser	6-3/4"	4 or 5"	1-1/4"	D
ZRPLR150	Plastic Riser	6-3/4"	4 or 5"	1-1/2"	E
ZR12080000	Wood Riser	8"	1/2"	1-1/4"	F
ZR14080000	Wood Riser	8"	1/2"	1-1/2"	G
NPSP	Spacer	6-3/4"	5"	3/8"	H



WARNING!

Do not use brush or pad with flammable materials (fuels, solvents, thinner, etc.) or serious bodily harm or injury could result from possible fire or explosion.



A. TRI-LOK™ MALISH EXCLUSIVE

Revolutionary, patent pending design combines the NP-9200 TRU-FIT® Universal Clutch Plate, built-in riser and a triangular showerfeed system for a cost-effective pad driver capable of handling the toughest jobs. Drives all standard or economy floor pads and bonnets.

B. MIGHTY-LOK® BEST SELLER

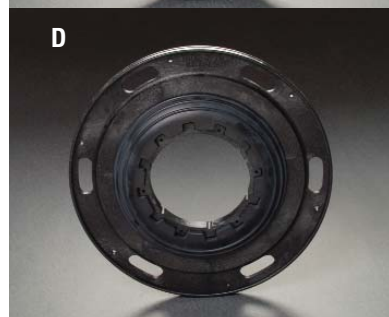
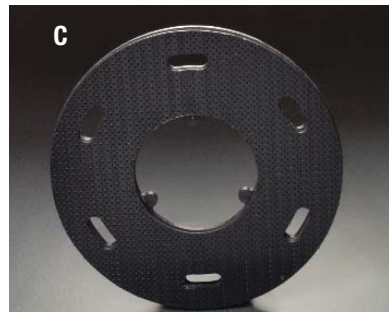
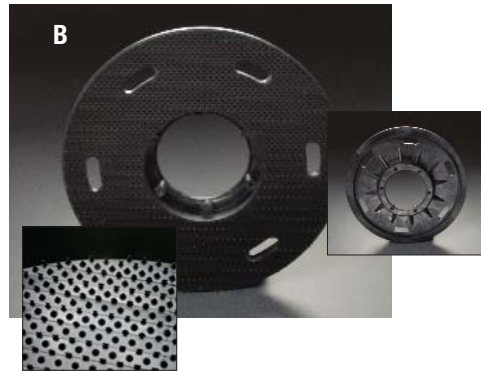
The molded polymer pad face has hundreds of individual hooks that grip into the threads of a floor pad and hold it securely while operating. The solid block includes a built-in riser and showerfeed holes allow use with solution dispensing machines.

C. SURE-LOK® MALISH EXCLUSIVE

The SURE-LOK® System is an exclusive Malish design for use on dual and high speed (300 rpm) machines. The SURE-LOK® face combines our MIGHTY-LOK® molded polymer pad gripping material with a foam cushion to absorb vibration and a stiff plastic backing to stabilize the unit. SURE-LOK® REQUIRES THE USE OF THE HIGH SPEED RISER (D).

D. HIGH SPEED RISER

The High Speed Riser further smooths operation of the SURE-LOK® System. Works with all Malish standardized 5" center hole Clutch Plates, including the NP-9200 TRU-FIT® Universal Clutch Plate.



A TRI-LOK™	Block Type	Block Diameter
789215NP92	Plastic	15"
789216NP92	Plastic	16"
789217NP92	Plastic	17"
789218NP92	Plastic	18"
789219NP92	Plastic	19"
789220NP92	Plastic	20"

B MIGHTY-LOK®	C SURE-LOK®	Block Diameter
786713	—	13"
786714	786754	14"
786715	786755	15"
786716	786756	16"
786717	786757	17"
786718	786758	18"
786719	786759	19"
786720	786760	20"
786721	—	21"
786722	—	22"

Part No.	D Description
780071	High Speed Riser for SURE-LOK®



Remember: Never use a pad driver without a pad and replace pads on a regular basis. This will protect the pad driver material and ensure longer effective life.

MAL-GRIT™ brushes offer solutions to a wide range of cleaning situations. Silicone carbide impregnated nylon bristles are self-replenishing as brush wears, offering unmatched value that outlasts floor pads over 100 to 1! That translates directly into time and cost savings. Featuring our water and chemical resistant TUFF-BLOCK® for maximum life expectancy. All Grit Brushes must be run in a wet environment. Trim Length: 1-1/2".

A. MAL-GRIT XTRA™

The most aggressive Grit available. This heavy gauge nylon with larger grit is used for stripping heavily soiled floors, such as concrete floors in an industrial setting.

B. MAL-GRIT™ BEST SELLER

Our most popular Grit brush. An aggressive brush for general scrubbing or stripping finishes from hard surfaces. Effectively cleans wide grout lines.

C. CLEAN-GRIT™

An excellent general scrubbing brush for frequent maintenance cleaning. Flexible enough for cleaning narrow grout lines and uneven surfaces.

D. MAL-GRIT LITE™

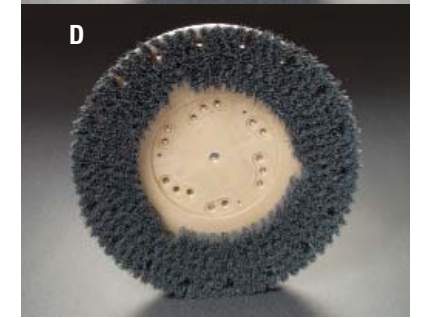
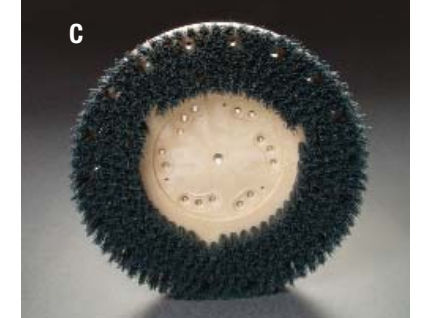
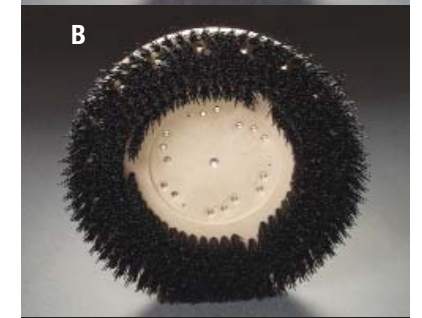
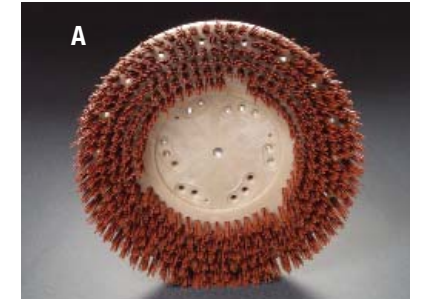
Offers the durability of Grit brushes with minimum aggression. For daily scrubbing of a variety of tiles, marble, terrazzo and non-slip epoxy finishes.

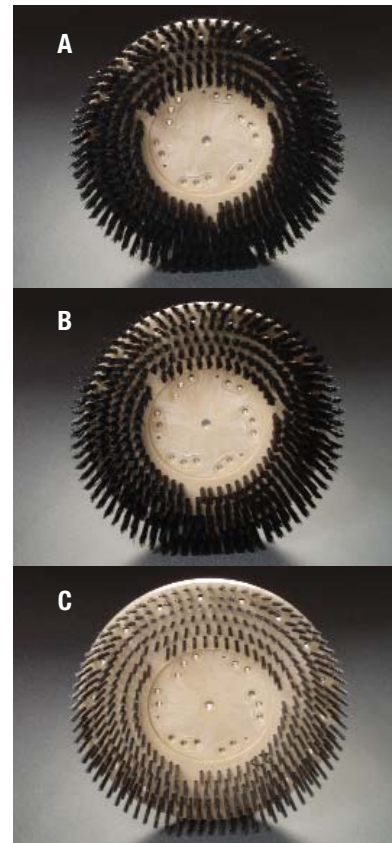
	Bristle Color	Bristle Diameter	Grit Size	Pad Replacement
MAL-GRIT XTRA™	Orange	.070	46	High Productivity
MAL-GRIT™	Black	.050	80	Black or Brown
CLEAN-GRIT™	Blue	.035	180	Blue or Green
MAL-GRIT LITE™	Grey	.018	500	Red

A MAL-GRIT XTRA™	B MAL-GRIT™	C CLEAN-GRIT™	D MAL-GRIT™	Block Type	Block Diameter
773610	773210	776510	773310	Wood	10"
773611	773211	776511	773311	Plastic	11"
773612	773212	776512	773312	Plastic	12"
813613	813213	816513	813313	Plastic	13"
813614	813214	816514	813314	Plastic	14"
813615	813215	816515	813315	Plastic	15"
813616	813216	816516	813316	Plastic	16"
813617	813217	816517	813317	Plastic	17"
813618	813218	816518	813318	Plastic	18"
813619	813219	816519	813319	Plastic	19"
813620	813220	816520	813320	Plastic	20"
813621	813221	816521	813321	Wood	21"



Ideal for use on irregular surfaces and grout lines where pads are ineffective.





All Malish showerfeed brushes feature our water and chemical-resistant TUFF-BLOCK® Showerfeed System for improved performance and long lasting life.

TUFF-BLOCK® Showerfeed

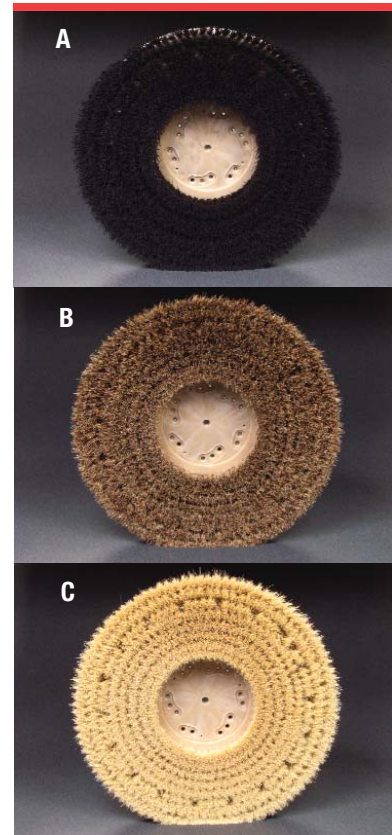
For cleaning hard surfaces. Nylon and polypropylene scrubbing brushes feature .028" diameter fill material throughout the block. Nylon is more flexible and will last the longest, while polypropylene is an economical alternative. Steel Wire (.014" diameter) is the most aggressive of the series, for use on unfinished concrete surfaces.

A Nylon (.028" Diameter)	B Polypropylene (.028" Diameter)	C Steel Wire	Block Type	Block Diameter
772910	772410	773810	Wood	10" *
772911	772411	773811	Plastic	11" *
772912	772412	773812	Plastic	12" *
772913	772413	773813	Plastic	13"
772914	772414	773814	Plastic	14"
772915	772415	773815	Plastic	15"
772916	772416	773816	Plastic	16"
772917	772417	773817	Plastic	17"
772918	772418	773818	Plastic	18"
772919	772419	773819	Plastic	19"
772920	772420	773820	Plastic	20"
772921	772421	773821	Wood	21"

*Does not include showerfeed holes



Rinse nylon brushes with hot water for 5 to 10 minutes to help the nylon recover its form.



Natural Fiber Scrubbing Brushes

These brushes are used for a variety of Hard Surface scrubbing and polishing. (See Application Chart on Page 2.)

A. Bassine

Bassine is used for general scrubbing purposes. Water absorption properties make this an excellent, low cost choice for hard surface scrubbing.

B. Union Mix

A combination of Palmyra and White Tampico used in hard surface polishing applications.

C. White Tampico

100% White Tampico is naturally acid resistant. That makes this the ideal choice for use in the marble polishing industry.

A Bassine	B Union Mix	C White Tampico	Block Type	Block Diameter
770110	770210	770610	Wood	10" *
770111	770211	770611	Plastic	11" *
770112	770212	770612	Plastic	12" *
770113	770213	770613	Plastic	13"
770114	770214	770614	Plastic	14"
770115	770215	770615	Plastic	15"
770116	770216	770616	Plastic	16"
770117	770217	770617	Plastic	17"
770118	770218	770618	Plastic	18"
770119	770219	770619	Plastic	19"
770120	770220	770620	Plastic	20"
770121	770221	770621	Wood	21"

*Does not include showerfeed holes

The Malish POWER-PAD® is a unique combination of a brush to handle all the "lows" and a pad driver to clean all the "highs." This design creates a multi-level scrubbing action that produces results superior to standard rotary brushes and pad drivers. Reduces the need for multiple passes during floor stripping or scrubbing. Ideal for use on unsealed or sealed concrete, terrazzo, vinyl tile, ceramic/quarry tile and linoleum.

A. POWER-PAD® / MAL-GRIT™



Combines our most popular Grit brush with a pad driver for general scrubbing or stripping finishes from hard surfaces. Effectively cleans wide grout lines.

B. POWER-PAD® / CLEAN-GRIT™



An excellent general scrubbing brush/pad combination for frequent maintenance cleaning. Flexible enough for cleaning narrow grout lines and uneven surfaces.

C. POWER-PAD® / MAL-GRIT LITE™

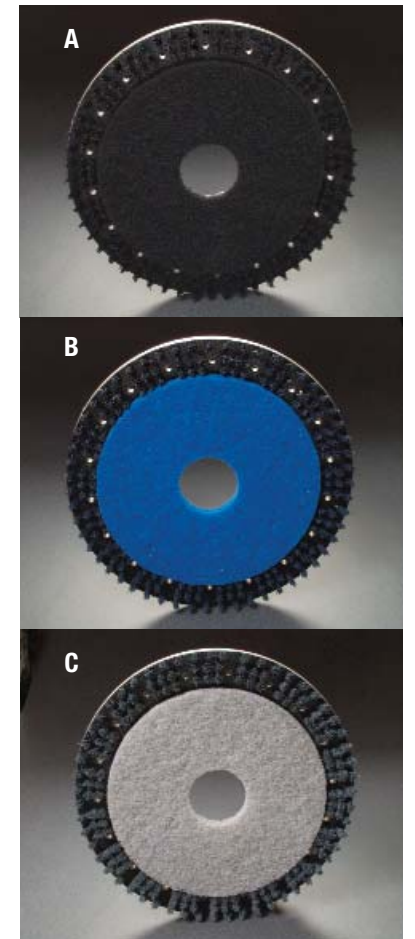


A perfect union of durable brush and pad driver with minimum aggression. For daily scrubbing of a variety of tiles, marble, terrazzo and non-slip epoxy finishes.

Part No.	Block Dia.	Fill Name	Grit Color	Fill Dia.	Grit Size	Pad Size	Pad Color	Application	Photo Ref.
785417	17"	MAL-GRIT™	Black	.050	80	13"	Black	Stripping	A
785419	19"	MAL-GRIT™	Black	.050	80	15"	Black	Stripping	A
785617	17"	CLEAN-GRIT™	Blue	.035	180	13"	Blue	Scrubbing	B
785619	19"	CLEAN-GRIT™	Blue	.035	180	15"	Blue	Scrubbing	B
785317	17"	MAL-GRIT LITE™	Grey	.018	500	13"	Grey	Light Scrubbing	C
785319	19"	MAL-GRIT LITE™	Grey	.018	500	15"	Grey	Light Scrubbing	C



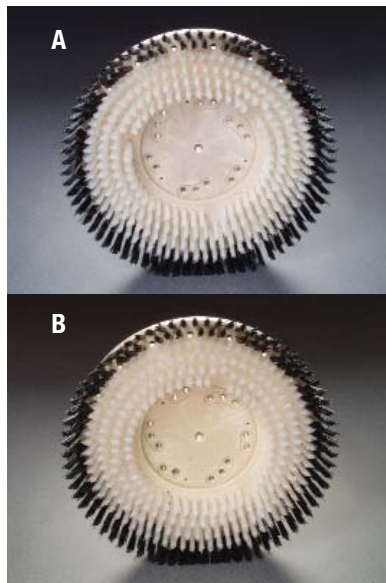
Always remove your brush or pad driver from the machine after use. Hang up to extend life. Always clean and rinse brushes thoroughly, especially after stripping jobs. Chemicals can be harmful to skin and eyes.



Cutaway view of POWER-PAD® in use.

WARNING!

Do not use brush or pad with flammable materials (fuels, solvents, thinner, etc.) or serious bodily harm or injury could result from possible fire or explosion.



Carpet Shampoo Brushes

On brushes 14" diameter and larger, the two outer rows are heavier to scrub the carpet and flex the pile while the softer inner rows "massage" the dirt from the carpet for a deeper cleaning action.

Carpet brushes must be broken in as described on Page 2 before use on carpets.

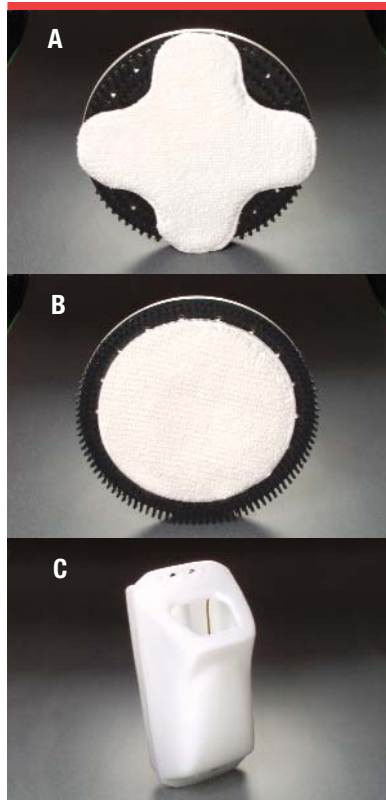
A. Nylon

The best quality brush for this application. Nylon is flexible and supple enough to gently scrub carpets, yet has more "memory" than other fibers for a longer lasting brush.

B. Polypropylene

A low cost alternative to nylon for situations that call for less frequent use. Ideal for the rental trade. Bristles are slightly stiffer than nylon.

A Nylon	Nylon Diameter	B Polypropylene	Polypropylene Diameter	Block Type	Block Diameter
812910	.025	812410	.020	Wood	10"
812911	.025	812411	.020	Wood	11"
812912	.025	812412	.020	Wood	12"
812913	.025	812413	.020	Plastic	13"
812914	.025/.028	812414	.020/.025	Plastic	14"
812915	.025/.028	812415	.020/.025	Plastic	15"
812916	.025/.028	812416	.020/.025	Plastic	16"
812917	.025/.028	812417	.020/.025	Plastic	17"
812918	.025/.028	812418	.020/.025	Plastic	18"
812919	.025/.028	812419	.020/.025	Plastic	19"
812920	.025/.028	812420	.020/.025	Plastic	20"
812921	.025/.028	812421	.020/.025	Wood	21"



Carpet Bonnet Systems

A. BONNET-LOK™

The BONNET-LOK™ System is a brush/bonnet combination in a single unit. The exclusive design allows both the brush and the bonnet to extend to the wall for maximum coverage and effectiveness.

B. BONNET-LOK™ II

A brush/bonnet combination similar to the BONNET-LOK™ but with a circular design.

C. Shampoo Tank

Four gallon capacity tank fits most machines. For Nilfisk or Nobles machines, add special clamp part number 890011.

Part No.	Description	Photo Ref.
785017	17" BONNET-LOK™ Driver	A
785019	19" BONNET-LOK™ Driver	A
785057	17" Carpet Bonnet for #785017*	A
785059	19" Carpet Bonnet for #785019*	A
785117	17" BONNET-LOK™ II Driver	B
785119	19" BONNET-LOK™ II Driver	B
785157	14" Carpet Bonnet for #785117*	B
785159	16" Carpet Bonnet for #785119*	B
890010	Shampoo Tank	C
890011	Advance Adaptor (set of 2)	**
890013	Valve Assembly for Shampoo Tank	**

* Must be ordered in cases of 6
** Not shown

WARNING!

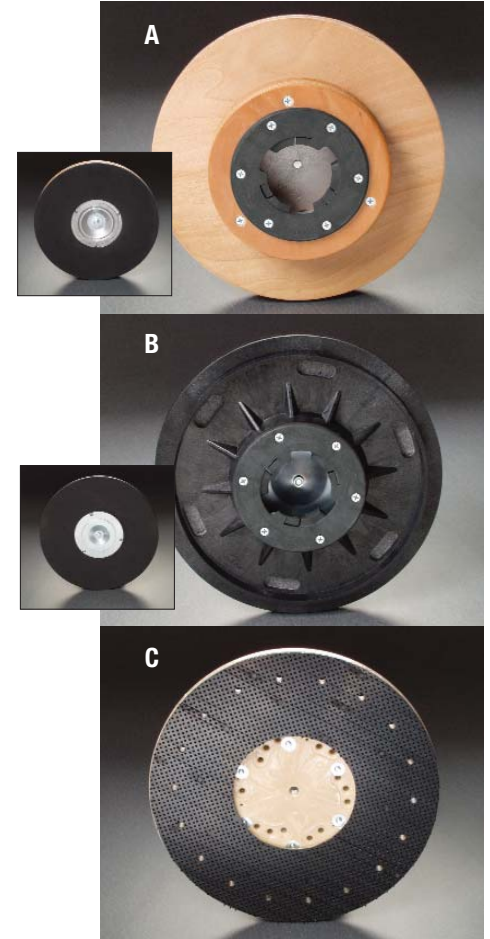
Do not use brush or pad with flammable materials (fuels, solvents, thinner, etc.) or serious bodily harm or injury could result from possible fire or explosion. Any synthetic brush used for carpet shampooing must be broken in properly or carpet damage could result.

A. Heavy Duty Sandpaper Driver

Our professional-grade Heavy Duty Sandpaper Driver is constructed from marine grade plywood and features a 3/8" thick foam pad for gripping sandpaper. A durable aluminum casting centers the sandpaper and will provide years of service. Includes our NP-9200 TRU-FIT® Universal Clutch Plate to fit most machines. Riser is attached.

Replacement Components

				Flat Washer - Order As: ZASANDFLAT
				Hex Nut (left hand) - Order As: ZASANDHEX
				1/2 x 13 x 1-3/8 Threaded Stud - Order As: ZASANDSTUD



B. Economy Sandpaper Driver

Our Economy Sandpaper Driver is made from a plastic one-piece block. A 3/8" foam pad and stamped metal centering device provide the holding power. This lightweight unit is excellent for the rental trade or for infrequent use situations. Includes our NP-9200 clutch plate to fit most machines.

Replacement Component

	Complete Unit - Order As: ZASANDCTR
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C. ORBO-LOK™

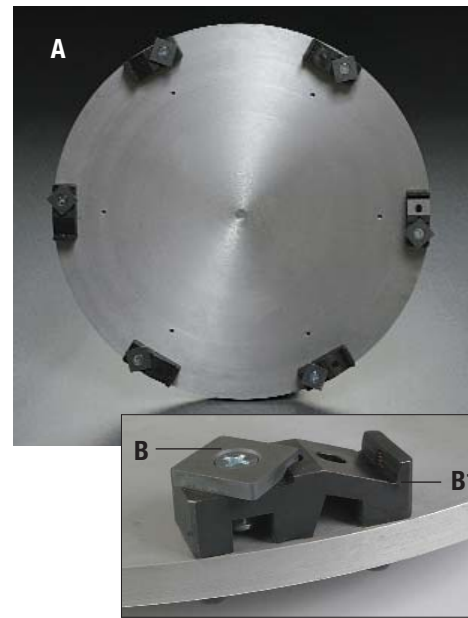
This Malish innovation turns standard floor machines into orbital motion sanders. Use with a loose weave pad and sandscreen. The orbital motion of the ORBO-LOK™ reduces backswirl marks while the pad absorbs dust, allowing increased sanding efficiency and reduced mess! Includes our P-200 clutch plate to fit most machines.

A Sandpaper Driver-Heavy Duty	B Sandpaper Driver-Economy	C ORBO-LOK™	Block Diameter
781014	782014	782214	14"
781015	782015	782215	15"
781016	782016	782216	16"
781017	782017	782217	17"
781018	782018	782218	18"
781019	782019	782219	19"
781020	—	—	20"

TIP For sandscreening, use a loose weave pad in between ORBO-LOK™ and sandscreen to minimize dust and reduce clogging of the sandscreen.

WARNING! Do not use brush or pad with flammable materials (fuels, solvents, thinner, etc.) or serious bodily harm or injury could result from possible fire or explosion.





Malish offers an innovative line of superior quality, multi-purpose stone and concrete products.

A. SP-17 Surface Prep Tool w/Dual Position Blade Holders **BEST SELLER**

The SP-17 floor surface preparation tool is an environmentally safe and productive tool for scraping concrete floors. The SP-17 was designed for scraping hard surface deposits including epoxy, fiberglass, glues, grout, ice, packed soils, paint and a variety of buildup on concrete surfaces. It is recommended to rotate cutter blades in a synchronized pattern to optimize cutter life and maximize production.

Part No.	Description	Photo Ref.
825017	17" Surface Prep Tool	A
825003S	"8-way" Carbide Cutters (set of 3)	B
825011	Carbide Insert Holders (individual)	B1

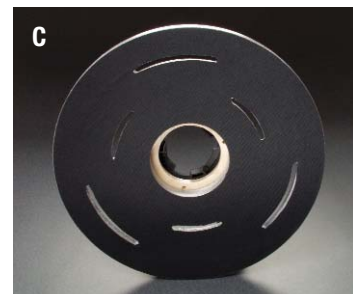
B. Replacement Dual Position Blade Holders **MALISH EXCLUSIVE**

Dual position blade holders are designed with a "knockdown" position (see B left) as well as a rear slot for aggressive scraping.



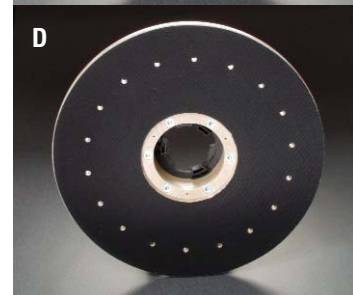
C. Aluminum Back Diamond Disc/Pad Driver **MALISH EXCLUSIVE**

Features a special face material which provides excellent holding power for diamond discs and a variety of floor pads. This heavy duty cast block (11 lbs.) provides ultimate rigidity when used with diamond discs and extra weight needed when used in polishing, scrubbing or grinding applications.



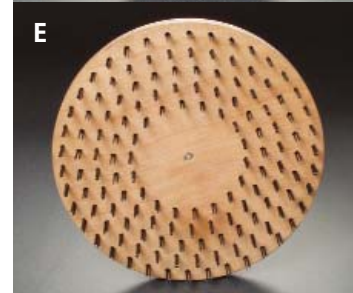
D. TUFF-BLOCK® Diamond Disc/Pad Driver **MALISH EXCLUSIVE**

These multi-purpose drivers feature our TUFF-BLOCK® plastic showerfeed block with special driver face material which provides superior holding power on either diamond discs or pads.



E. Flat Butcher Wire

Scarifying brush uses staple set butcher wire to cut through dirt and buildup on concrete floors and scratch the surface clean.



Part No.	Description	Block Diameter	Photo Ref.
824017	Aluminum Diamond Driver with Applix	17"	C
782716X	TUFF-BLOCK® Applix Diamond Driver	16"	D
782717X	TUFF-BLOCK® Applix Diamond Driver	17"	D
782719X	TUFF-BLOCK® Applix Diamond Driver	19"	D
773712S	Flat Butcher Wire	12"	E
773713S	Flat Butcher Wire	13"	E
773714S	Flat Butcher Wire	14"	E
773715S	Flat Butcher Wire	15"	E
773716S	Flat Butcher Wire	16"	E
773717S	Flat Butcher Wire	17"	E
773718S	Flat Butcher Wire	18"	E
773719S	Flat Butcher Wire	19"	E
773720S	Flat Butcher Wire	20"	E
773721S	Flat Butcher Wire	21"	E

WARNING!
Concrete floor tools must be operated by experienced professional floor machine operators only. Operator must wear protective face shield, ear protection, footwear, and dust mask. Designed to be used on a standard 175 RPM rotary floor machine with a 1-1/2 HP motor ONLY.

DO NOT USE WITH OR NEAR FLAMMABLE MATERIALS!

Clutch Plates

A. TRU-FIT® Universal Clutch Plate (NP-9200) **MALISH EXCLUSIVE**

Designed to flex vertically and compress horizontally to reduce machine wobble and operator fatigue.

Part No.	Fits Machines	Center Hole Required	Photo Ref.
NP-9200	Most Std. Speed Machines	5"	A
NP-47	Advance Std. Speed Machines (pre-1997)	5"	B
P-200	Most Std. Speed Machines	4"	C
NP-46	Hild Std. Speed Machines	5"	D
G-400 X	Tennant 14" and above	5"	E
G-400 S	Tennant 13" and under	5"	*
G-200MM	Minute-Man Autoscrubbers	4.25"	F
G-100	Clarke Autoscrubbers	4.84"	G
ANP-92	Universal Metal Plate	5"	H
NP-83	For General Machines (pre-1987)	5"	I
L-801P	Kent Autoscrubbers	1.875" or 2.875"	J
L-800P	Advance/Nobles Autoscrubbers/others	varies**	K

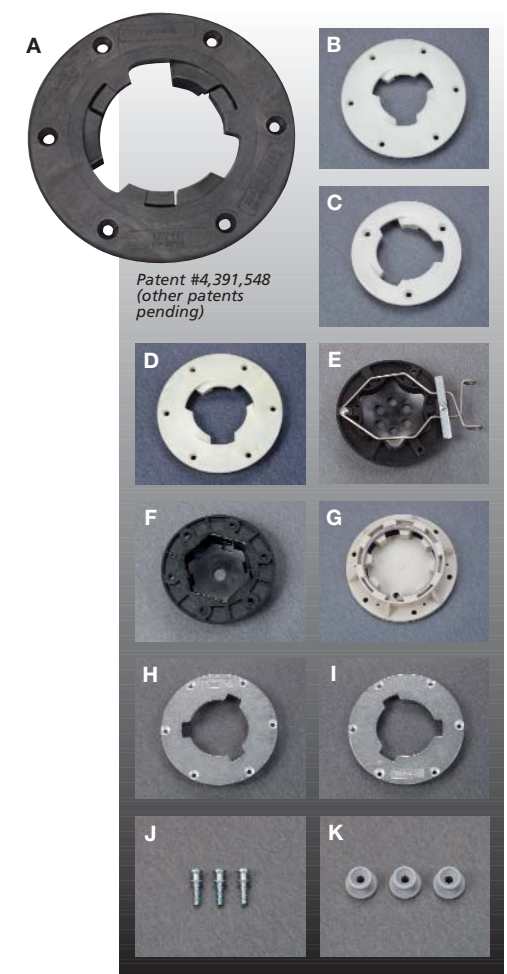
*Not shown
**Call customer service with machine make and model number to ensure proper selection

Which Clutch Plate Is Required?

Malish can supply clutch plates for most machines on the market. If you have an original clutch plate, we will ask you for the center hole diameter of your existing brush. Measure the inside diameter from your existing brush or pad holder to obtain this information.

Don't See Your Clutch Plate Listed?

Contact Malish customer service. The clutch plates on these pages represent the most popular "plates," but Malish also offers other, less requested clutch plates that may be appropriate for your needs.



Patent #4,391,548 (other patents pending)

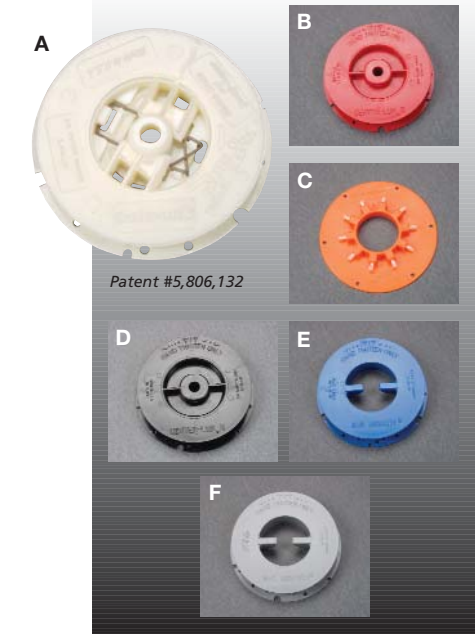
Pad Centering Devices

A. CENTER-LOK® 3 **MALISH EXCLUSIVE**

Can be used on left or right rotation machines. Recommended for use on high speed machines.

Part No.	Thread Handing**	Description	Color	Photo Ref.
792460	N/A	CENTER-LOK® 3	Tan	A
792405	LH	CENTER-LOK® II	Red	B
790002	LH	CENTER-LOK® II-Top Only	Red	*
792710	N/A	CENTER-LOK®	Orange	C
792410	RH	CENTER-LOK® II	Black	D
790004	RH	CENTER-LOK® II-Top Only	Black	*
792455	RH	BIG-MOUTH®	Blue	E
790054	RH	BIG-MOUTH®-Top Only	Blue	*
792450	LH	BIG-MOUTH®	Grey	F
790052	LH	BIG-MOUTH®-Top Only	Grey	*

* Not shown
** Viewed from the operator's position, specify left hand thread on pad drivers spinning counterclockwise or right hand thread if spinning clockwise.



Patent #5,806,132



The Malish Corporation is a recognized leader in the design and manufacture of quality commercial brushes and specialty products that are marketed throughout the world.

Our mission is to strive for continuous improvement in innovative quality and service, not only in our present products, but also through our efforts to diversify as we strive to better meet customers' individual needs.

For your janitorial and food service maintenance product needs, from floor sweeps to brooms to scrub brushes for a myriad of uses, request a copy of our Sanitary Brush & Maintenance Products Catalog.



MALISH

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