



# Floor Machine Equipment Reference Guide

January, 2012

Your guide to  
selecting proper clutch  
plates along with  
brush and  
pad driver sizes.



# The Malish Corporation

The listings below are your guide to selecting the proper block size and clutch plates for your machine.

## TABLE OF CONTENTS

ADVANCE (see Nilfisk-Advance) .....	10
ALTO / CLARKE-AMERICAN (AMERICAN LINCOLN) .....	2
ALTO / CLARKE INDUSTRIES .....	3
BETCO .....	4
BREUER (TORNADO) .....	13
CASSIDY (Clean-O-Matic) .....	4
CENTAUR .....	4
CLARKE (see Alto / Clarke-American) .....	2
CLARKE (see Alto / Clarke Industries) .....	3
DART .....	4
EDIC .....	5
EUREKA (Sanitaire) .....	5
FACTORY CAT / TOMCAT .....	5
GENERAL (FLOORCRAFT) .....	5
HAKO (Minuteman / Multi-Clean) .....	9
HAWK .....	6
HILD .....	6
HILLYARD .....	6
HOOVER .....	6
HUNTINGTON .....	6
KENT .....	6
KLINDEX .....	8
KOBLENZ .....	8
LAWLOR .....	8
MASTERCRAFT .....	8
MERCURY .....	8
MINUTEMAN (Hako / Multi-Clean) .....	9
NSS (NATIONAL SUPER SERVICE) .....	9
NILFISK-ADVANCE .....	10
NOBLES .....	11
NORTH AMERICAN / NACECARE .....	12
NUSOURCE .....	12
PACIFIC / STEAMEX .....	12
POWERBOSS .....	12
RPS / FACTORY CAT .....	5
(SSS) STANDARDIZED SANITATION SYSTEMS .....	12
TACONY (Powr' Flite) .....	13
TENNANT / TENNANT TREND / WETROCK .....	13
THOROMATIC .....	13
TORNADO .....	13
UNITED (Unico) .....	14
VIPER .....	14
WHITE / PULLMAN-HOLT .....	15
WINDSOR .....	16

L-800 lugs are also available in nylon. Order as L-800P.

**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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
<b>ADVANCE (Nilfisk-Advance)</b>				
See listing under Nilfisk-Advance on page 10				
<b>ALTO / CLARKE-AMERICAN (AMERICAN LINCOLN)</b>				
Champion-12	10"	11"	4-1/8"	N/A
Champion-14	12"	13"	5"	NP-9200
Champion-15	13"	14"	5"	NP-9200
Champion-17	15"	16"	5"	NP-9200
Champion-19	17"	18"	5"	NP-9200
Champion-23	21"	22"	5"	NP-9200
Gold Line-12	10"	11"	3-3/4"	N/A
Gold Line-14	12"	13"	5"	NP-9200
Gold Line-15	13"	14"	5"	NP-9200
Gold Line-17	15"	16"	5"	NP-9200
13 Deluxe	11"	12"	5"	N/A
KEY +	Serial Number 1-6850		4-1/8"	N/A
	Serial Number 6851-UP		5"	NP-9200
++	Serial Number 1-6850		5"	NP-91
	Serial Number 6851-UP		5"	NP-9200
13 Deluxe	11"	12"	4-1/8"	NP-9200
14 Deluxe	12"	13"	+	+
15 Deluxe	13"	14"	4-1/8"	N/A
16 Deluxe	14"	15"	++	++
17 Deluxe	15"	16"	5"	NP-9200
17 Deluxe CR	15"	16"	5"	NP-9200
19 Deluxe	17"	18"	++	++
14 Floor King	12"	13"	+	+
16 Floor King	14"	15"	++	++
19 Floor King	17"	18"	++	++
23 Floor King	21"	22"	+	+
Cadet C-10	9"	10"	3-3/4"	N/A
Cadet C-12	11"	12"	3-3/4"	N/A
ADM-14	12"	13"	+	+
ADM-16	14"	15"	++	++
ADM-19	17"	18"	++	++
ADM-23	21"	22"	++	++
ALM-13	11"	12"	4-1/8"	N/A
ASM-14	12"	13"	+	+
ASM-16 Ceram	14"	15"	++	++
ASM-19 Ceram	17"	18"	++	++
ASM-23	21"	22"	++	++
Mini-Max 26	13"	13"	5-1/2"	L-800

### OTHER

Ceram 13	11"	12"	4-1/8"	N/A
EM-16,EPM-16	14"	15"	5"	NP-9200
RPM 17 High Speed	15"	16"	Special	Special
RPM 21 High Speed	19"	20"	Special	Special
S-214	13"	14"	5"	NP-9200
S-221	19"	20"	5"	NP-9200
SD-11	10"	11"	5"	NP-9200
SD-12	10"	11"	5"	NP-9200
SD-14	13"	14"	5"	NP-9200
SD-15	14"	15"	5"	NP-9200

(continues on next page)

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
SD-16	14"	15"	5"	NP-9200
SD-18	17"	18"	5"	NP-9200
SD-19	17"	18"	5"	NP-9200
SD-20	19"	20"	5"	NP-9200
150 Series	12"	13"	5"	NP-9200
151 Series	14"	15"	5"	NP-9200
152 Series	17"	18"	5"	NP-9200
153 Series	21"	22"	5"	NP-9200
156 Series	14"	15"	5"	NP-9200
160 Series	12"	13"	5"	NP-9200
161 Series	14"	15"	5"	NP-9200
162 Series	17"	18"	5"	NP-9200
170 Series	11"	12"	4-1/8"	N/A
189 Series	15"	16"	5"	NP-9200
190 Series	10"	11"	4-1/8"	N/A
191-10 Series	13"	14"	4-1/8"	N/A
191-11 Series	13"	14"	5"	NP-9200
191-15 Series	13"	14"	5"	NP-9200
192 Series	15"	16"	5"	NP-9200
193 Series	12"	13"	5"	NP-9200
196 Series	10"	11"	4-1/8"	N/A
197 Series	13"	14"	5"	NP-9200
198 Series	15"	16"	5"	NP-9200
301 Series	18"	19"	5"	NP-9200
319 Series	17"	18"	5"	NP-9200
320 Series	18"	19"	5"	NP-9200
12	10"	11"	5"	NP-9200
012A	10"	11"	5"	NP-9200
22	20"	21"	5"	NP-9200
116	14"	15"	5"	NP-9200
119	17"	18"	5"	NP-9200
121	19"	20"	5"	NP-9200
187-015	10"	11"	5"	NP-91
188-01	13"	14"	5"	NP-9200
188-005	15"	16"	5"	NP-9200
2112A	11"	12"	5"	NP-9200
212	10"	11"	5"	NP-9200
214	13"	14"	5"	NP-9200
214HD	13"	14"	5"	NP-9200
215	14"	15"	5"	NP-9200
216	14"	15"	5"	NP-9200
219	17"	18"	5"	NP-9200
221,S221	19"	20"	5"	NP-9200
314	12"	13"	5"	NP-9200
315	14"	15"	3-5/8"	N/A
316	14"	15"	5"	NP-9200
316-021	14"	15"	5"	NP-9200
317	15"	16"	5"	NP-9200
319	17"	18"	5"	NP-9200
321	19"	20"	5"	NP-9200
322	20"	21"	5"	NP-9200
621CE	19"	20"	5"	NP-9200
721	19"	20"	5"	NP-9200
Focus 17	17"	17"	5"	4148PMB

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
Focus 20	20"	20"	5"	4148PMB
Focus 28/S28 (2/set)	14"	14"	4.84"	G-100
Focus 33/S33 (2/set)	17"	17"	4.84"	G-100
Focus 38 (2/set)	19"	19"	4.84"	G-100

#### AUTO-SCRUBBERS

66, 66D Autoscrubber (2/Set)	14"	14"	4.84"	G-100
81, 81D Autoscrubber (2/Set)	17"	17"	4.84"	G-100
726 Autoscrubber (2/Set)	13"	13"	4"	N/A
730 Autoscrubber (2/Set)	13"	13"	4"	N/A
930I Autoscrubber (2/Set)	14"	14"	4.84"	G-100
934 Autoscrubber (2/Set)	17"	17"	4.84"	G-100
936 Autoscrubber (2/Set)	17"	17"	4"	N/A
950 Scrubmobile (3/Set)	14"	14"	4.84"	G-100
960 Scrubmobile (3/Set)	14"	14"	4.84"	G-100
772 Scrubmobile (4/Set)	17-7/8"	17-7/8"	9-9/16"	L-330
1030 (2/Set)	14"	14"	4.84"	G-100
6200, 6700 (3/Set)	14"	14"	4.84"	G-100
7000SS,7700 Scrubmobile (3/Set)	17"	17"	9-9/16"	L-330
American Lincoln 6700 (3/Set)	14"	14"	4.84"	G-100
7760 (3/Set)	18"	18"	9-9/16"	L-330

#### ALTO / CLARKE INDUSTRIES

Burnisher 1500	THESE MACHINES REQUIRE SPECIAL BRUSHES AND PAD DRIVERS.			
Burnisher 2000	PLEASE CONTACT THE MACHINE MANUFACTURER FOR AVAILABILITY.			
C-15	13"	14"	5"	NP-9200
C-16, C-1600	14"	15"	5"	NP-9200
C-18, C-1800	16"	17"	5"	NP-9200
C-1800HS	16"	17"	5"	NP-9200
C-20, C-2000	18"	19"	5"	NP-9200
C2K 13	11"	12"	3-3/8"	P-900
C-22	20"	21"	5"	NP-9200
C2K 16, C2K 160, C2K 1600, C2K 1600HS, C2K 1600DS	14"	15"	5"	NP-9200
C2K 18, C2K 180, C2K 1800, C2K 1800HS	16"	17"	5"	NP-9200
C2K 200, C2K 2000, C2K 2000HS, C2K 2000DS	18"	19"	5"	NP-9200
F-16, FM-16	14"	15"	5"	NP-9200
FM-11, FM-1100D	9"	10"	3-3/8"	P-900
FM-12, 12R	10"	11"	3-3/8"	P-900
FM-13, 1300 (old)	11"	12"	3-3/8"	P-900
FM-13 (new)	11"	12"	5"	NP-9200
FM-14	12"	13"	5"	NP-9200
FM-15, 1500	13"	14"	5"	NP-9200
FM-17, 1700	15"	16"	5"	NP-9200
FM-1700HS	15"	16"	5"	NP-9200
FM-18	16"	17"	5"	NP-9200
FM-20	18"	19"	5"	NP-9200
FM-2000	18"	19"	5"	NP-9200
FM-2000HS	18"	19"	5"	NP-9200
FM-23, 2300	21"	22"	5"	NP-9200
GM-15	13"	14"	5"	NP-9200
GM-17	15"	16"	5"	NP-9200

(continues on next page)

**!** **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.



Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
GM-18	16"	17"	5"	NP-9200
LP-80, LP-136	15"	16"	5"	NP-9200
MP-18	16"	17"	5"	NP-9200
P-11	9"	10"	5"	NP-9200
P-12	10"	11"	1-3/4"	N/A
P-13	11"	12"	5"	NP-9200
P-15	13"	14"	5"	NP-9200
P-17	15"	16"	5"	NP-9200
P-20	18"	19"	5"	NP-9200
P-22	20"	21"	5"	NP-9200
P-23	21"	22"	5"	NP-9200
PE-20	18"	19"	5"	NP-9200
S-13	11"	12"	5"	NP-9200
S-15	13"	14"	5"	NP-9200
S-16	14"	15"	5"	NP-9200
S-18	16"	17"	5"	NP-9200
S-20, SS-20	18"	19"	5"	NP-9200

### OTHER

Direct Speed 20 (DS20)	18"	19"	5"	NP-9200
E-15	13"	14"	5"	NP-9200
E-18	16"	17"	5"	NP-9200
EM-16	14"	15"	5"	NP-9200
IN-15	13"	14"	5"	NP-9200
IN-17	15"	16"	5"	NP-9200
IN-20	18"	19"	5"	NP-9200
LP-80	15"	16"	5"	NP-9200
LP-136	15"	16"	5"	NP-9200
VP-16	14"	15"	5"	NP-9200
VP-18	16"	17"	5"	NP-9200
VP-20	18"	19"	5"	NP-9200
GM-15	13"	14"	5"	NP-9200
GM-17	15"	16"	5"	NP-9200
GM-18	16"	17"	5"	NP-9200
820	18"	19"	5"	NP-9200

Ultra Speed 202	} THESE MACHINES REQUIRE SPECIAL BRUSHES AND PAD DRIVERS. PLEASE CONTACT THE MACHINE MANUFACTURER FOR AVAILABILITY.			
Ultra Speed 2025				
Ultra Speed 322				
AC1000				
AC1500				
AC2000				
DCR1500				
1000 Hi Speed Burnisher				

### AUTOSCRUBBERS

34 RST (2/Set)	17"	17"	4.84"	G-100
TB-20E (2/Set)	10"	11"	2-3/4"	N/A
TB-21 (2/Set)	10"	11"	2-3/4"	N/A
PS-26 (2/Set)	12"	13"	6-15/16"	N/A
PS-30 (2/Set)	14"	15"	6-15/16"	N/A
Leader 1700E/1700B	16"	17"	5"	NP-9200DA
Leader 2000E/2000B	18"	19"	5"	NP-9200DA

Some older model 2000's take G-100. Ask if machine uses flat plate or snap on hardware.

L-800 lugs are also available in nylon. Order as L-800P.

**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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
Leader 2400/2400D (2/Set)	13"	13"	4.84"	G-100
Leader 2400UDS (2/Set)	13"	13"	4.84"	G-100
Leader 3200/3200D (2/Set)	17"	17"	4.84"	G-100
Leader 3400 (2/Set)	17"	17"	4.84"	G-100
Vision V (2/Set)	13"	13"	4.84"	G-100
Vision 17	16"	17"	5"	NP-9200DA
Vision 20	18"	19"	5"	NP-9200DA
Vision 21 I (2/Set)	11"	11"	4.84"	G-100
Vision 26 I (2/Set)	14"	14"	4.84"	G-100
Vision 32 I (2/Set)	17"	17"	4.84"	G-100
Vision 38 I (2/Set)	19"	19"	4.84"	G-100
3400 (Rider 2/Set)	17"	17"	4.84"	G-100
6200 (Rider 3/Set)	14"	14"	4.84"	G-100
Encore 32	16"	17"	4.84"	G-100
Encore 20, L20, S20, S20E	18"	19"	5"	NP-9200DA
Encore 28, L28, S28 (2/Set)	14"	14"	4.84"	G-100
Encore 33, L33, S33, R34 (2/Set)	17"	17"	4.84"	G-100
Encore 38, L38, S38, R38 (2/Set)	19"	19"	4.84"	G-100
Encore 34	17"	17"	4.84"	G-100
Encore 35	16"	16"	4.84"	G-100
Encore S2426 (2/Set)	13"	13"	5"	NP-9200DA
Encore L2426	13"	13"	4.84"	G-100
Encore 17	17"	17"	5"	NP-9200DA
Encore 30 (2/Set)	15"	15"	4.84"	G-100

### BETCO

FL 17, FL 17HD, FL 17DS	15"	16"	5"	NP-9200
FL 19, FL 19HD, FL19DS	17"	18"	5"	NP-9200
Foreman:	Call Customer Service			
Foreman 32	16"	16"	5.53"	L-800
Foreman AS20B	18"	19"	5"	NP-9200

NOTE: All Betco Autoscrubbers are proprietary.

### BREUER (TORNADO)

See listing under Tornado on page 13

### CASSIDY (Clean-O-Matic)

12	10"	11"	5"	NP-9200
14,14A, 140	12"	13"	5"	NP-9200
15, VP-15, 150	13"	14"	5"	NP-9200
16, 160	14"	15"	5"	NP-9200
17, VP-17, 170	15"	16"	5"	NP-9200
190	17"	18"	5"	NP-9200
20, VP-20	18"	19"	5"	NP-9200
23, 230, 230A	21"	22"	5"	NP-9200

### CENTAUR

All Centaur machines take NP-9200 clutch plate.

### CLARKE

See listing under Alto/Clarke on pages 2-3

### DART

15A	13"	14"	5"	NP-9200
18A	16"	17"	5"	NP-9200
21A	19"	20"	5"	NP-9200

(continues on next page)

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
123	21"	22"	5"	NP-9200
130, 131	11"	12"	5"	NP-9200
140, 141, 142	12"	13"	5"	NP-9200
150, 151, 152, 153	13"	14"	5"	NP-9200
160, 161, 162	14"	15"	5"	NP-9200
170, 171, 172	15"	16"	5"	NP-9200
190, 191	17"	18"	5"	NP-9200
323	21"	22"	5"	NP-9200
341, 342, 343 (340 Series)	12"	13"	5"	NP-9200
360, 361, 362 (360 Series)	14"	15"	5"	NP-9200
371, 372 (370 Series)	15"	16"	5"	NP-9200
390, 391	17"	18"	5"	NP-9200
410	9"	10"	5"	NP-9200
423	19"	20"	5"	NP-9200
430	11"	12"	5"	NP-9200
451, 452, 453	13"	14"	5"	NP-9200
482, 483 (480 Series)	16"	17"	5"	NP-9200
623	21"	22"	5"	NP-9200
630, 631	11"	12"	5"	NP-9200
641, 642, 643 (640 Series)	12"	13"	5"	NP-9200
661, 662, 663 (660 Series)	14"	15"	5"	NP-9200
672, 673 (670 Series)	15"	16"	5"	NP-9200
692, 693 (690 Series)	17"	18"	5"	NP-9200
723	19"	20"	5"	NP-9200
751, 752, 753	13"	14"	5"	NP-9200
782, 783	16"	17"	5"	NP-9200
823	19"	20"	5"	NP-9200
863	14"	15"	5"	NP-9200
873	15"	16"	5"	NP-9200
893	17"	18"	5"	NP-9200
921	19"	20"	5"	NP-9200
923	21"	22"	5"	NP-9200
961, 962	14"	15"	5"	NP-9200
971, 972	15"	16"	5"	NP-9200
991	17"	18"	5"	NP-9200
G1 (180 series)	14"	15"	5"	NP-9200

**EDIC**

Saturn 13	11"	12"	5"	NP-9200
Saturn 17	15"	16"	5"	NP-9200
Saturn 20	18"	19"	5"	NP-9200

**EUREKA (Sanitaire)**

15 Sanitaire	13"	14"	5"	NP-9200
17 Sanitaire	15"	16"	5"	NP-9200
20 Sanitaire	18"	19"	5"	NP-9200

**FACTORY CAT / TOMCAT**

21, 2100 (2/Set)	10"	10" N/R	5"	4110MBS
25, 2500	12"	12" N/R	5"	4110MBS
27, 2700	13"	13" N/R	5"	4110MBS
29 (6 Point Plate – 2/Set)	14"	14" N/R	5"	G-400X
29 (8 Point Plate – 2/Set)	14"	14" N/R	5"	4110MB
35 (6 Point Plate – 2/Set)	16"	16" N/R	5"	G-400X

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
35 (8 Point Plate – 2/Set)	16"	16" N/R	5"	4110MB
38, 40, 40HD, 3700				
3400	16"	16" N/R	5"	4110MB
52, 5100 (6 Point Plate – 2/Set)	17"	17" N/R	5"	G-400X
52, 5100 (8 Point Plate – 2/Set)	17"	17" N/R	5"	4110MB
SS1017, SS1517HD, SS1517-2S	15"	16" N/R	5"	NP-9200
SS1020, SS1520HD, SS1520-2S	18"	19" N/R	5"	NP-9200
2200 (2/Set)	10"	10" N/R	5"	4110MBS
23	21"	21" N/R	5"	4110MB
29SS	14"	14" N/R	5"	4110MB
35SS	16"	16" N/R	5"	4110MB
290D	14"	14" N/R	5"	4110MB
350D	16"	16" N/R	5"	4110MB
390D	19"	19" N/R	5"	4110MB
420D	21"	21" N/R	5"	4110MB
430D	21"	21" N/R	5"	4110MB
490D	16"	16" N/R	5"	4110MB
550D	18"	18" N/R	5"	4110MB
38, 40, 40HD, 3700	18"	18" N/R	5"	4110MB
XP 370-40D	20"	20" N/R	5"	4110MB
XP 370-34D, 52, 5100	17"	17" N/R	5"	4110MB
MINI MAG 17	16"	16" N/R	5"	4110MB
MINI MAG 20	19"	19" N/R	5"	4110MB
MINI MAG 23	21"	21" N/R	5"	4110MB
MINI MAG 26	12"	12" N/R	5"	4110MBS
GTX26	12"	12"	5"	G-400X
MAGNUM 26	12"	12" N/R	5"	4110MBS
MAGNUM 30	14"	14" N/R	5"	4110MB
MAGNUM 34	16"	16" N/R	5"	4110MB
250-13	12"	12" N/R	5"	4110MBS
250-15	14"	14" N/R	5"	4110MB
250-17	16"	16" N/R	5"	4110MB

NOTE: Tomcat autoscrubbers need NP-SP spacer on pad drivers ONLY.

**GENERAL (FLOORCRAFT)**

GF-12	10"	11"	5"	NP-9200
GF-15	13"	14"	5"	NP-83
GF-17	15"	16"	5"	NP-83
GF-19	16"	18"	5"	NP-83
GF-21	18"	20"	5"	NP-83
GF-23	20"	21"	5"	NP-83
GVS-17	15"	16"	5"	NP-83
GVS-19	16"	17"	5"	NP-83
GVS-21	19"	20"	5"	NP-83
K-12	11"	12"	5"	NP-83
K-14	13"	14"	5"	NP-83
K-15	13"	14"	5"	NP-83
K-16	15"	16"	5"	NP-83
K-18	16"	17"	5"	NP-83
K-22	20"	21"	5"	NP-83
KC-12	11"	12"	5"	NP-83
KC-14	13"	14"	5"	NP-83
KC-16	15"	16"	5"	NP-83
KC-17	15"	16"	5"	NP-83
KC-18	16"	17"	5"	NP-83

(continues on next page)

**!** **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.



Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
KC-20	18"	19"	5"	NP-83
KC-22	20"	21"	5"	NP-83
KC-14DHS	12"	13"	5"	NP-9200
KC-16DHS	14"	15"	5"	NP-9200
KC-18DHS	16"	17"	5"	NP-9200
KC-20DHS	18"	19"	5"	NP-9200
KL-13	11"	12"	5"	NP-83
KL-14	13"	14"	5"	NP-83
KL-15	13"	14"	5"	NP-83
KL-16	15"	16"	5"	NP-83
KL-17	15"	16"	5"	NP-83
KR-13	11"	12"	5"	NP-83
KR-12	11"	12"	5"	NP-83
KR-14	13"	14"	5"	NP-83
KR-16	15"	16"	5"	NP-83
KR-17	15"	16"	5"	NP-83
KR-18	16"	17"	5"	NP-83
KR-20	18"	19"	5"	NP-83
KR-22	20"	21"	5"	NP-83
S-11	10"	11"	5"	NP-83
S-13	11"	12"	5"	NP-83
S-15	13"	14"	5"	NP-83
S-18	16"	17"	5"	NP-83
S-22	20"	21"	5"	NP-83

\*Models made after 1990 may take NP-9200 clutch plate. Look at hub. If there is an allen set, use NP-83. Otherwise, use NP-9200.

\*\*Floor machine Serial Number identifies the clutch plate to be used. 84xxx or lower use NP-83. 85xxx or higher take NP-9200.

## HAKO (Minuteman)

See listing under Minuteman on page 9

## HAWK

HP 1017, HP 1517HD	15"	16"	5"	NP-9200
HP 1020, HP 1520HD	18"	19"	5"	NP-9200

NOTE: ALL HAWK MACHINES TAKE NP-9200

## HILD

B-11	9"	10"	2-1/8"	N/A
JR-11	9"	10"	2-1/8"	N/A
L-12	10"	11"	5"	NP-46
P-12	10"	11"	5"	NP-46
K-12-1/2	11"	12"	5"	NP-46
P-13	11"	12"	5"	NP-46
A-14	12"	13"	2-1/8"	N/A
L-14	12"	13"	5"	NP-46
L-15	13"	14"	5"	NP-46
P-14	12"	13"	5"	NP-46
VA-14	12"	13"	5"	NP-46
CP-15	13"	14"	5"	NP-46
P-15	13"	14"	5"	NP-46
C-Master-16	14"	15"	2-1/8"	N/A
C-16	14"	15"	5"	NP-46
P-16	14"	15"	5"	NP-46

L-800 lugs are also available in nylon. Order as L-800P.

**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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
UC-16	14"	15"	5"	NP-46
2-17	15"	16"	5"	NP-46
PRO2-17	15"	16"	5"	NP-46
G-18	16"	17"	5"	NP-46
GP-15A	13"	14"	5"	NP-46
P-18	16"	17"	5"	NP-46
C-18	16"	17"	5"	NP-46
D-19	17"	18"	5"	NP-46
UD-19	17"	18"	5"	NP-46
D-Master-19	17"	18"	3-1/4"	N/A
219	17"	18"	5"	NP-46
PRO2-20	18"	19"	5"	NP-46
21	18"	19"	5"	NP-46
210	19"	20"	10-1/4"	N/A
PRO2-22A (22A-PROII)	20"	21"	5"	NP-46
F-22	20"	21"	5"	NP-46
HP-16	14"	15"	5"	NP-46
H-22	20"	21"	5"	NP-46
E-24	23"	24"	5"	NP-46
E-25	23"	24"	5"	NP-46
J-25	23"	24"	5"	NP-46
K-13	11"	12"	5"	NP-46
UC-17	15"	16"	5"	NP-46
P-17	15"	16"	5"	NP-46
P-22A	20"	21"	5"	NP-46
HP-13	11"	12"	5"	NP-46
HP-15	13"	14"	5"	NP-46
HP-18	16"	17"	5"	NP-46
17-PRO II	15"	16"	5"	NP-46
20-PRO II	18"	19"	5"	NP-46
UD-219	17"	18"	5"	NP-46
UG-18	16"	17"	5"	NP-46

## HILLYARD

Deluxe Single 14	12"	13"	5"	NP-47
Standard Single 16	14"	15"	5"	NP-47
Standard Single 18	16"	17"	5"	NP-47
Standard Single 20	18"	19"	5"	NP-47
16" Hillboy	14"	15"	5"	N/A
17" Hillboy	15"	16"	5-5/8"	N/A
21" Hillboy	18"	18"	5-5/8"	N/A

## HOOVER

C5023	14"	15"	5"	NP-9200
C5025, C5033, C5035	18"	19"	5"	NP-9200
C5027	16"	17"	5"	NP-9200
C5031	15"	16"	5"	NP-9200
F7089	15"	16"	5"	NP-47
F7091, F7093	18"	19"	5"	NP-47

## HUNTINGTON

Malish is unable to supply products for this manufacturer.

(continues on next page)

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
<b>KENT</b>				
C-13	12"	13"	5"	N/A
C-13-13"	11"	12"	5-5/8"	N/A
C-13-15"	14"	14"	5-5/8"	N/A
C-15	15"	16"	5"	N/A
C-17	15"	16"	5"	N/A
C-18	17"	18"	5"	N/A
GA-15	13"	14"	5"	NP-9200
GA-17	15"	16"	5"	NP-9200
GA-20	18"	19"	5"	NP-9200
K-11	9"	10"	5"	NP-11
K-12	11"	12"	5"	NP-11
KM-13	11"	12"	5"	NP-11
KF-13, KF-13DL, KF-13SL	11"	12"	5"	NP-9200
KF-17, KF-17DL, KF-17SL & 17SL2	15"	16"	5"	NP-9200
KF-20, KF-20DL, KF-20HD	18"	19"	5"	NP-9200
KF-20SL & 20SL2				
K-130	11"	12"	5"	NP-9200
K-13	11"	12"	5"	N/A
K-13HD	12"	13"	5"	N/A
K-14	11"	12"	5"	N/A
KF-130	11"	12"	5"	NP-9200
KF-150A	13"	14"	5"	NP-9200
K-15	14"	15"	5"	N/A
K-16	14"	15"	5"	N/A
KF-170A	15"	16"	5"	NP-9200
KF-175A, KF-174SL	15"	16"	5"	NP-9200
KF-176, 176SL2	15"	16"	5"	NP-9200
K-17	15"	16"	5"	N/A
K-17HD	15"	16"	5"	N/A
K-117	15"	16"	5"	N/A
K-170	15"	16"	5"	NP-9200
K-19	17"	19"	5"	N/A
K-19HD	17"	18"	5"	N/A
KA-17 Select Scrub	15"	16"	5"	NP-9200
KA-20BT, KA-20E, KA-20B	19"	20"	5"	NP-9200
KF-175SA	16"	17"	5"	NP-9200
Balance for High Speed machine				
KF-195, 195M	17"	18"	5"	NP-9200
KF-200, 201, 204SL	18"	19"	5"	NP-9200
KF-202S	18"	19"	5"	NP-9200
KF-204	18"	19"	5"	NP-9200
Balance for High Speed machine				
KF-205A, 205S	18"	19"	5"	NP-9200
KF-205H High Speed	18"	18"	Special	Special
KF-206, 206SL	18"	19"	5"	NP-9200
K-22	19"	20"	5"	N/A
K-122	19"	20"	5"	N/A
K-122DS	19"	20"	5"	N/A
M-13, MA-13	11"	12"	5"	NP-9200
M-15	13"	14"	5"	NP-9200
MA-15	13"	14"	5"	NP-9200
M-17	15"	16"	5"	NP-9200
MA-17	15"	16"	5"	NP-9200
M-20, MA-20	18"	19"	5"	NP-9200

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
M-23	21"	22"	5"	NP-9200
MA-23	21"	22"	5"	NP-9200
XP-15	13"	14"	5"	NP-9200
XP-17	15"	16"	5"	NP-9200
XP-20	18"	19"	5"	NP-9200
XP-23	21"	22"	5"	NP-9200
170E	15"	16"	5"	NP-9200
Select Line 13	11"	12"	5"	NP-9200
Select Line 17, 17HD	15"	16"	5"	NP-9200
Select Line 20, 20HD, 20TS	18"	19"	5"	NP-9200
ECFM 17	15"	16"	5"	NP-9200
ECFM 20	18"	19"	5"	NP-9200
Razor 17, E17, SV17	16"	16"	5"	4148PMB
Razor 20, 20T	19"	19"	5"	4148PMB
Razor 24	12"	12"	5"	4148PMB
Razor 26	13"	13"	5"	4148PMB
Razor 28 (Razor Plus) (2/Set)	14"	14"	5"	4148PMB
<b>OTHER</b>				
A-11	9"	10"	5"	N/A
B-11	9"	10"	5"	N/A
D-20	19"	20"	5"	NP-9200
E-12	11"	12"	5"	NP-9200
E-13	11"	12"	5"	NP-9200
L-119	17"	18"	5"	NP-85
NA-13	11"	12"	5"	NP-9200
1000E	18"	19"	5"	NP-9200
2000E	18"	18"	Special	Special

#### AUTOSCRUBBERS

KA-18 (2/Set)	9"	9"	1-7/8"	L-801P
KB-18 (2/Set)	9"	9"	1-7/8"	L-801P
KE-20 (2/Set)	10"	10"	1-7/8"	L-801P
KA-20 (2/Set)	10"	10"	1-7/8"	L-801P
KA-200E (2/Set)	10"	10"	1-7/8"	L-801P
KA-201BST (2/Set)	10"	10"	1-7/8"	L-801P
KA-26 (2/Set)	12"	13"	1-7/8"	L-801P
KA-26HD (2/Set)	13"	13"	1-7/8"	L-801P
KA-266EB, 266EB2 (2/Set)	12"	13"	1-7/8"	L-801P
KA-27 Durascrub (2/Set)	13"	14"	2-7/8"	L-801P
KA-32 (2/Set)	15"	15"	1-7/8"	L-801P
KA-36 (2/Set)	15"	15"	1-7/8"	L-801P
KA-33 Durascrub (2/Set)	16"	17"	2-7/8"	L-801P
KA-33BR Rider (2/Set)	16"	16"	5-1/4"	L-800P
KA-33SS, KA-33SSA (2/Set)	16"	17"	2-7/8"	L-801P
KA-34BR2 Rider (2/Set)	16"	16"	5-1/4"	L-800P
KA-325B (2/Set)	15"	15"	1-7/8"	L-801P
KA-326EB (2/Set)	15"	15"	1-7/8"	L-801P
KA-260B (2/Set)	12"	13"	1-7/8"	L-801P
KA-261 (2/Set)	13"	13"	1-7/8"	L-801P
KA-171B	15"	16"	5"	NP-9200
KA-262B (2/Set)	12"	13"	1-7/8"	L-801P
KA-265	13"	13"	1-7/8"	L-801P
KA-38, KA-381EB, 381EB2 (2/Set)	18"	18"	1-7/8"	L-801P
KA-382 (2/Set)	18"	18"	1-7/8"	L-801P

(continues on next page)

**! 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.



Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
KA-3818 (2/Set)	18"	18"	1-7/8"	L-801P
KA-170B	15"	16"	5"	NP-9200
Select Scrub AND Durascrub Autoscrubbers (2/Set)				
27"	13"	14"	2-7/8"	L-801P*
33"	16"	17"	2-7/8"	L-801P*
39"	19"	20"	2-7/8"	L-801P*
Durascrub Rider 33 (2/Set)	16"	16"	5-1/4"	L-800P
Durascrub Rider 34R (2/Set)	16"	16"	5-1/4"	L-800P
Select Scrub 26BT (2/Set)	12"	13"	2-7/8"	L-801P
KA-26BT Select Scrub (2/Set)	12"	13"	2-7/8"	L-801P
KA-27SS, KA-27SSA	13"	14"	2-7/8"	L-801P
Select Scrub (2/Set)				
KA-32ERB2 (2/Set)	15"	15"	1-7/8"	L-801P

\*NOTE: For 27", 33" and 39", 4-1/2" bolt circle, .25"x 45 degree, chamfer on lug side. Use fixture .0145-W.

### KLINDEX

Requires special clutch plate, refer to manufacturer. Malish can prep the block for a clutch plate assembly.

### KOBLENZ

TP-1710, TP-1715	15"	16"	5"	NP-9200
TP-2010, TP-2015	18"	19"	5"	NP-9200

### LAWLOR

C-12, C-13	11"	12"	5"	NP-9200
C-16, CF-16	14"	15"	5"	NP-9200
C-19, CF-19	17"	18"	5"	NP-9200
C-22, CF-22	20"	21"	5"	NP-9200
K-13, L-1300	12"	13"	5"	NP-9200
K-16, L-1600	14"	15"	5"	NP-9200
K-19, L-1900	17"	18"	5"	NP-9200
15W, 16, 151, 151W	14"	15"	6"	N/A
19, 20D, 181, 181W	17"	18"	6"	N/A
221, 221R	20"	20"	8"	N/A

### MASTERCRAFT

1300	11"	12"	5"	NP-9200
1330	11"	12"	5"	NP-9200
1550	13"	14"	5"	NP-9200
1575	13"	14"	5"	NP-9200
1700	15"	16"	5"	NP-9200
1775	15"	16"	5"	NP-9200
1900	17"	18"	5"	NP-9200
2550	13"	14"	5"	NP-9200
3300	11"	12"	5"	NP-9200
3550	13"	14"	5"	NP-9200
3575	13"	14"	5"	NP-9200
3700	15"	16"	5"	NP-9200
3775	15"	16"	5"	NP-9200
3900	17"	18"	5"	NP-9200
4550	13"	14"	5"	NP-9200
4575	13"	14"	5"	NP-9200
4775	15"	16"	5"	NP-9200
MD-13-A	11"	12"	5"	NP-9200

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
MD-15-B	13"	14"	5"	NP-9200
MD-15-C	13"	14"	5"	NP-9200
MD-15-D	13"	14"	5"	NP-9200
MD-17-C	15"	16"	5"	NP-9200
MD-17-D	15"	16"	5"	NP-9200
MD-20-D, MD-20	18"	18"	5"	NP-9200
MD-20-E	18"	18"	5"	NP-9200
MD-21-D	19"	20"	5"	NP-9200
MD-21-E	19"	20"	5"	NP-9200
MD-24-E	22"	23"	5"	NP-9200
MH-17-E	15"	16"	5"	NP-9200
MH-20-E	18"	19"	5"	NP-9200
3990 Series	17"	18"	5"	NP-9200
4500 Series	13"	14"	5"	NP-9200
MTS-17E	15"	16"	5"	NP-9200
MTS-20E	18"	19"	5"	NP-9200
MTSV-17E	15"	16"	5"	NP-9200
MTSV-20E	18"	19"	5"	NP-9200
PR-13B	11"	12"	5"	NP-9200
PR-17D	15"	16"	5"	NP-9200
PR-17E	15"	16"	5"	NP-9200
PR-20E	18"	19"	5"	NP-9200

### MERCURY

BDP-13A	11"	12"	5"	NP-9200
BDP-14C	12"	13"	5"	NP-9200
BDP-15, 15-1/2C, 15-1/2D	13"	14"	5"	NP-9200
BDP-16C	14"	15"	5"	NP-9200
BDP-16D	14"	15"	5"	NP-9200
BDP-17, 17C, 17D	15"	16"	5"	NP-9200
BDP-19, 19D	17"	18"	5"	NP-9200
BDP-21D	19"	18"	5"	NP-9200
BGM-17	15"	16"	5-1/4"	N/A
BGM-19	17"	18"	5-1/4"	N/A
DC-17	15"	16"	5-1/4"	N/A
DC-19	17"	18"	5-1/4"	N/A
DC-21	19"	20"	5-1/4"	N/A
H-15, L-15	13"	14"	5"	NP-9200
H-15C	13"	14"	5"	NP-9200
H-15D	13"	14"	5"	NP-9200
H-15E	13"	14"	5"	NP-9200
H-17C	15"	16"	5"	NP-9200
H-17D	15"	16"	5"	NP-9200
H-17E	15"	16"	5"	NP-9200
H-19D	17"	18"	5"	NP-9200
H-19E	17"	18"	5"	NP-9200
H-21D	19"	20"	5"	NP-9200
H-21E	19"	20"	5"	NP-9200
HSP-15	13"	14"	5"	NP-9200
HSP-17, H-17	15"	16"	5"	NP-9200
HSP-19	17"	18"	5"	NP-9200
HSP-21	19"	20"	5"	NP-9200
L-15-1/2C	13"	14"	5"	NP-9200
L-15-1/2D	13"	14"	5"	NP-9200
L-15-1/2E	13"	14"	5"	NP-9200

(continues on next page)

**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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
L-16C	14"	15"	5"	NP-9200
L-16D	14"	15"	5"	NP-9200
L-16E	14"	15"	5"	NP-9200
L-17C	15"	16"	5"	NP-9200
L-17D	15"	16"	5"	NP-9200
L-17E	15"	16"	5"	NP-9200
L-19	17"	18"	5"	NP-9200
L-19D	17"	18"	5"	NP-9200
L-19E	17"	18"	5"	NP-9200
L-21D	19"	20"	5"	NP-9200
L-21E	19"	20"	5"	NP-9200
L-23D	21"	22"	5"	NP-9200
L-23E	21"	22"	5"	NP-9200
TS-17 (Timesaver)	15"	16"	5"	NP-9200
TS-19 (Timesaver)	17"	18"	5"	NP-9200
TS-21 (Timesaver)	19"	20"	5"	NP-9200

**OTHER**

13	11"	12"	5"	NP-9200
14	12"	13"	5"	NP-9200
15-1/2	13"	14"	5"	NP-9200
16-SpeedMaster	14"	15"	5"	NP-9200
16	14"	15"	5"	NP-9200
GM-17	15"	16"	5-1/4"	N/A
17	15"	16"	5"	NP-9200
GM-19	17"	18"	5-1/4"	N/A
19	17"	18"	5"	NP-9200
GM-21	19"	20"	5-1/4"	N/A
21 H, L, M,	19"	20"	5"	NP-9200
23 M, L, P,	21"	22"	5"	NP-9200
P-19	17"	18"	5"	NP-9200

**MINUTEMAN (Hako / Multi-Clean)**

Lite-12	10"	11"	5"	NP-9200
Lite-12W	10"	11"	5"	NP-9200
Lite-13	11"	12"	5"	NP-9200
Lite-14	12"	13"	5"	NP-9200
M-17	15"	16"	5"	NP-9200
M-20	18"	19"	5"	NP-9200
MC-1100	19"	19"	5"	NP-9200
MC-12	10"	11"	5"	NP-9200
MC-14	12"	13"	5"	NP-9200
MC-EX-14	12"	13"	5"	NP-9200
MC-15	12"	13"	5"	NP-9200
MC-16	14"	15"	5"	NP-9200
MC-EX-16	14"	15"	5"	NP-9200
MC-19	17"	18"	5"	NP-9200
MC-22	20"	21"	5"	NP-9200
MCS-12	10"	11"	5"	NP-9200
MCS-14	12"	13"	5"	NP-9200
MCS-16	14"	15"	5"	NP-9200
MCS-19	17"	18"	5"	NP-9200
MCS-22	20"	21"	5"	NP-9200
L-13	11"	12"	5"	NP-9200
FR-15 (Frontrunner)	13"	14"	5"	NP-9200

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
FR-17 (Frontrunner)	15"	16"	5"	NP-9200
FR-20 (Frontrunner)	18"	19"	5"	NP-9200
PR20E	17"	18"	5"	NP-9200
Special-17, S-17, S-17HD	15"	16"	5"	NP-9200
Special-20, S-20, S-20HD	18"	19"	5"	NP-9200
V-13	11"	12"	5"	NP-9200
V-16	14"	15"	5"	NP-9200
V-18	16"	17"	5"	NP-9200
V-20	18"	19"	5"	NP-9200
V-23	21"	22"	5"	NP-9200

**OTHER**

Deluxe-16, D-16, D-16HD	14"	15"	5"	NP-9200
Deluxe-20, D-20, D-20HD	18"	19"	5"	NP-9200
Deluxe 24, D-24	21"	22"	5"	NP-9200
18	16"	17"	5"	NP-9200
M17200/M17760	15"	16"	5"	NP-9200
M20400/M20250/M20760	18"	19"	5"	NP-9200
M2400-00	18"	19"	5"	NP-9200
MC260024 (2/Set)	13"	14"	5"	G-200MM

**AUTOSCRUBBERS**

21 (2/Set)	10"	10"	4"	N/A
24 (2/Set)	12"	12"	4"	N/A
32 (2/Set)	15"	15"	4"	N/A
MC-31 (2/Set)	10"	11"	5"	NP-9200
170E/B, 175	15"	16"	5"	G-200MM*
Hako Matic B-43	16"	16"	5"	G-200MM*
Hako Matic B-53	19"	19"	5"	G-200MM*
Hako Matic 24-B (2/Set)	12"	12"	5"	G-200MM*
Hako Matic 32-B (2/Set)	16"	16"	5"	G-200MM*
HAKO 200, 205, 200X	19"	19"	5"	G-200MM*
HI-BUFF	19"	19"	5"	NP-9200
26-B (2/Set)	13"	13"	5"	G-200MM*
260-B, 265-B (2/Set)	13"	13"	5"	G-200MM*
38-B (2/Set)	19"	19"	5"	G-200MM*
380, (3800) (2/Set)	19"	19"	5"	G-200MM*
320, 340 (2/Set)	16"	16"	5"	G-200MM*
MC-20001QP (2/Set)	19"	19"	5"	G-200MM*
SBR-50 (2/Set)	10"	10"	5-1/2"	L-800
SBR-60 (2/Set)	12"	12"	5-1/2"	L-800
SBR-70 (2/Set)	14"	14"	5-1/2"	L-800
SBR-85 (2/Set)	17"	17"	5-1/2"	L-800
SBR-100 (2/Set)	19"	19"	5-1/2"	L-800
240X (2/Set)	12"	12"	5"	G-200MM*

\*NOTE: Blocks requiring preparation for G200MM, call Customer Service.

ES Series: Uses Powerboss Hub currently available as the G-200PB by Malish. Prep for G-200MM only.

Old (OEM): Drill mounting holes first, then drill a 4.25" Center Hole

Newer Models: Without spacer ZSPACERMM takes a 5" Center Hole, with spacer ZSPACERMM takes a 4-1/4" Center Hole.

**NSS (NATIONAL SUPER SERVICE)**

2016	18"	19"	5"	NP-9200
Port-Able 13 (Old Style)	11"	12"	5"	N/A
Port-Able 13-SP	11"	12"	5"	NP-9200
SP-15	13"	14"	5"	NP-9200

(continues on next page)

**!** **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.



Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
SP-16	14"	15"	5"	NP-9200
SP-17	15"	16"	5"	NP-9200
SP-19	17"	18"	5"	NP-9200
SP-20	18"	19"	5"	NP-9200
SS-13	11"	12"	5"	NP-9200
SS-15	13"	14"	5"	NP-9200
SS-16	14"	15"	5"	NP-9200
SS-17	15"	16"	5"	NP-9200
SS-19	17"	18"	5"	NP-9200
SS-20	18"	19"	5"	NP-9200

**OTHER**

21 (2/Set)	10"	10"	5"	N/A
24B (2/Set)	12"	12"	5"	N/A
32	15"	15"	5"	N/A
Filly 13	11"	12"	5"	NP-9200
FP-15 Thoroughbred	13"	14"	5"	NP-9200
15 Maverick II	13"	14"	5"	NP-9200
17 Thoroughbred	15"	16"	5"	NP-9200
17 Maverick II, 300-17	15"	16"	5"	NP-9200
Maverick 300	18"	19"	5"	NP-9200
Mustang 17, 300-17	15"	16"	5"	NP-9200
Mustang 20, 300-20	18"	19"	5"	NP-9200
20 Thoroughbred	18"	19"	5"	NP-9200
20 Maverick II, 300-20	18"	19"	5"	NP-9200
Charger 20 High Speed	18"	19"	Special	Special
23 Thoroughbred	21"	22"	5"	NP-9200
Charger 1500	18"	18"	Special	Special

**AUTOSCRUBBERS**

2625 (2/Set)	12"	12"	5-1/2"	L-800T
Champ ZS29 (2/Set)	14"	15"	5-1/2"	L-800T
Wrangler 33 (2/Set)	16"	16"	5-1/2"	L-800T
Wrangler 27 (2/Set)	13"	13"	5-1/2"	L-800T
Wrangler 17	15"	17"	5"	NP-9200
Wrangler 20	18"	20"	5"	NP-9200
Wrangler 26 (2/Set)	12"	13"	5-1/2"	L-800T
Wrangler 24 (2/Set)	11"	12"	5-1/2"	L-800T
Wrangler 1708C	17"	17"	5"	NP-9200
Wrangler 2008C	19"	19"	5"	NP-9200
Wrangler 2016	18"	19"	5"	NP-9200
Champ ZS35 (2/Set)	17"	18"	5-1/2"	L-800T

**NILFISK-ADVANCE**

Adgressor 3220 (2/Set)	16"	16"	5-1/2"	L-800
Adgressor 3520 (3/Set)	11"	11"	5-1/2"	L-800
Adgressor 3820 (3/Set)	12"	12"	5-1/2"	L-800
Advenger 2400	12"	12"	5-1/2"	L-800
Advenger 2600	12"	12"	5-1/2"	L-800
Advenger 2801	13"	14"	5-1/2"	L-800
Advenger 3210	15"	15"	5-1/2"	L-800
Centurian 17	15"	16"	5"	NP-47
Centurian 20	18"	19"	5"	NP-47
Centurian 150	13"	14"	5"	NP-47
Centurian 155	13"	14"	5"	NP-47
Galaxie 14 (New Style)	12"	13"	4-29/32"	N/A

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
Galaxie 16, 160	14"	15"	5"	NP-47
Galaxie 16 (New Style)	14"	15"	4-29/32"	N/A
Galaxie 400	14"	15"	4-29/32"	N/A
Galaxie G1600	14"	15"	5"	NP-47
Galaxie 18, 180	16"	17"	5"	NP-47
Galaxie 20	18"	19"	5"	NP-47
Gyro 12	10"	11"	5"	NP-47
Gyro 13	11"	12"	5"	NP-47
Gyro 14	12"	13"	5"	NP-47
Gyro 11-14	12"	13"	5"	NP-47
Gyro Magic 12	10"	11"	5"	NP-47
Matador 17	15"	16"	5"	NP-47
All Purpose Matador 17	15"	16"	5"	NP-47
Matador 20	18"	19"	5"	NP-47
All Purpose Matador 20	18"	19"	5"	NP-47
Matador 24	22"	23"	5"	NP-47
High Speed Matador 17	15"	16"	5"	NP-47
High Speed Matador 20	18"	19"	5"	NP-47
Pacemaker 15	13"	14"	5"	NP-47
Pacemaker 17	15"	16"	5"	NP-47
Pacemaker 20, P20E	18"	19"	5"	NP-47
Pacemaker 22	20"	21"	5"	NP-47
Pacemaker 24	22"	23"	4-7/8"	N/A
PaceSetter 17	15"	16"	5"	NP-9200
PaceSetter 20	18"	19"	5"	NP-9200
SD 17, SD 4317	15"	16"	5"	NP-9200
SD 20, SD5120	18"	19"	5"	NP-9200
SD 130	11"	12"	5"	NP-9200
Speedboy Deluxe 14	12"	13"	4-7/8"	N/A
Speedboy Deluxe 16	14"	15"	4-7/8"	N/A
Speedboy Deluxe 19	17"	18"	4-7/8"	N/A
Speedboy Deluxe 24	22"	23"	4-7/8"	N/A
Speedboy Special 12	10"	11"	5"	NP-47
Speedboy Special 15	13"	14"	5"	NP-47
Shadow 17	15"	16"	5"	NP-9200
Shadow 20	18"	19"	5"	NP-9200
Spin 17	15"	16"	5"	NP-9200
Spin 20	18"	19"	5"	NP-9200
Adfinity 17ST	16"	16"	5"	4148PMB
Adfinity 20ST	19"	19"	5"	4148PMB
Galaxie 18 (New Style)	16"	17"	5"	N/A
PaceSetter 13	11"	12"	5"	NP-9200
Adfinity 20	19"	19"	5"	4148PMB
Adfinity 20D	19"	19"	5"	4148PMB
Adfinity 24 (2/Set)	11"	11"	5"	4148PMB

All Standard Single Disc Machines After 1997 Require NP-9200 Clutch Plate

**OTHER**

EXPL-PROOF 16	14"	15"	4-7/8"	N/A
17A	15"	16"	5"	NP-47
17B	15"	16"	5"	NP-9200
V-17D	14"	15"	4-7/8"	N/A
V-17E	14"	15"	4-7/8"	N/A
Velvet Touch 12	10"	11"	5"	NP-47
PM1000	15"	16"	5"	NP-47

(continues on next page)

**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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
Whisper 17	15"	16"	5"	NP-47
Whisper 20	18"	19"	5"	NP-47
G2000	18"	19"	5"	NP-47
Wizard 13	11"	12"	5"	NP-47
130	11"	12"	5"	NP-47
135	11"	12"	5"	NP-47
Wildcat-15	13"	14"	5"	NP-47
150	13"	14"	5"	NP-47
155	13"	14"	5"	NP-47
Wolverine-16	14"	15"	5"	NP-47
Wildcat 17	15"	16"	5"	NP-47
170	15"	16"	5"	NP-47
175	15"	16"	5"	NP-47
Wildcat-20	18"	19"	5"	NP-47
200	18"	19"	5"	NP-47
Wildcat-22	20"	21"	5"	NP-47
220	20"	21"	5"	NP-47
225	20"	21"	5"	NP-47
Wolverine-20	18"	19"	5"	NP-47
Micro-Matic 17B	15"	16"	5"	NP-9200
450 OR 45	11"	11"	5-1/2"	N/A
Lynx 285	14"	15"	5-1/2"	L-800
Lynx 325	16"	17"	5-1/2"	L-800
Lynx 385	19"	20"	5-1/2"	L-800
Micromax 17B, 17E	16"	16"	5"	4148PMB
Micromax 20B, 20DD	19"	19"	5"	4148PMB
MP-20 HS	18"	19"	5"	NP-47

All Standard Single Disc Machines After 1997 Require NP-9200 Clutch Plate

#### AUTOSCRUBBERS

Advance Eco Flex SC 750 26D (2/Set)	12"	12"	5-1/2"	L-800
BA5321/D	19"	19"	5"	4148PMB
Hydro Cat (2/Set)	12"	12"	5-1/2"	L-800
Hydro Retriever 200	18"	18"	5"	NP-47
Hydro Retriever 240 (2/Set)	11"	11"	5-1/2"	L-800
Hydro Retriever 3800 (2/Set)	19"	19"	5-1/2"	L-800
Hydro Retriever 2800 (2/Set)	14"	14"	5-1/2"	L-800
Hydro Retriever 3200 (2/Set)	16"	16"	5-1/2"	L-800
265 LX	12"	12"	5-1/2"	L-800
Convertamatic 200	18"	18"	5"	NP-47
Convertamatic 320, 325 (2/Set)	16"	16"	5-1/2"	L-800
Convertamatic 38B	19"	19"	5-1/2"	L-800
Convertamatic 3800 (2/Set)	19"	19"	5-1/2"	L-800
Convertamatic 380/385 (2/Set)	19"	19"	5-1/2"	L-800
Convertamatic TRAC 5000B (4/Set)	12"	12"	5-1/2"	L-800
Convertamatic 17B	15"	15"	5"	NP-47
Convertamatic 18B	16"	16"	5-1/2"	L-800
Convertamatic 20E & B	18"	18"	5"	NP-47
Convertamatic 21B	19"	19"	5-1/2"	L-800
Convertamatic 24B (2/Set)	11"	11"	5-1/2"	L-800
Convertamatic 240 (2/Set)	11"	11"	5-1/2"	L-800
Convertamatic 26B (2/Set)	12"	12"	5-1/2"	L-800
Convertamatic 260, 265 (2/Set)	12"	12"	5-1/2"	L-800
Convertamatic 28B (2/Set)	14"	14"	5-1/2"	L-800
Convertamatic 280, 285 (2/Set)	14"	14"	5-1/2"	L-800

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
Convertamatic 32B, 320 (2/Set)	15"	15"	5-1/2"	L-800
Convertamax (C-MAX) 20	19"	19"	5"	4148PMB
Convertamax (C-MAX) 26 (2/Set)	12"	12"	5-1/2"	L-800
Convertamax (C-MAX) 28 (2/Set)	14"	14"	5-1/2"	L-800
Convertamax (C-MAX) 34 (2/Set)	16"	16"	5-1/2"	L-800
Mobile-Matic 17	15"	16"	5-1/2"	NP-47
Mobile-Matic 20	18"	19"	5-1/2"	NP-47
Mobile-Matic 64, 6400 (4/Set)	15"	15"	5-1/2"	L-800
Whirlamatic-180	16"	16"	5-1/2"	L-800
Whirlamatic-200E	18"	18"	5"	NP-47
Whirlamatic-205E	18"	18"	5"	NP-47
Whirlamatic-210B	19"	19"	5-1/2"	L-800
Whirlamatic-215C	19"	19"	5-1/2"	L-800
Whirlamatic-240B, E (2/Set)	11"	11"	5-1/2"	L-800
Whirlamatic-245B, E (2/Set)	11"	11"	5-1/2"	L-800
Whirlamatic-260B (2/Set)	12"	12"	5-1/2"	L-800
Whirlamatic-320B (2/Set)	15"	15"	5-1/2"	L-800
Whirlamatic-325B, D (2/Set)	15"	15"	5-1/2"	L-800
Whirlamatic-1000	Special	Special	Special	Special
Trac 2800 (2/Set)	14"	14"	5-1/2"	L-800
Captor 4300 (3/Set)	14"	14"	5-1/2"	L-800
Captor 4800 (3/Set)	16"	16"	5-1/2"	L-800
Captor 5400 (4/Set)	13"	13"	5-1/2"	L-800
Convertamatic 32D	15"	15"	5-1/2"	L-800
Covertamatic 38 (2/Set)	19"	19"	5-1/2"	L-800
Warrior 28 (2/Set)	13"	13"	5-1/2"	L-800
Warrior 32 (2/Set)	15"	15"	5-1/2"	L-800
Warrior 34RST (2/Set)	17"	17"	4.84"	G-100
Nilfisk SC750 (2/Set)	14"	14"	5-1/2"	L-800

#### NOBLES

PS-14	12"	13"	5"	NP-9200
PS-17	15"	16"	5"	NP-9200
PS-20	18"	19"	5"	NP-9200
PS-16	14"	15"	5"	NP-9200
PS-19	17"	18"	5"	NP-9200
PS-22	20"	21"	5"	NP-9200
PS-23	21"	22"	5"	NP-9200
SS-14, SPR-14	12"	13"	5"	NP-9200
SS-16, SPR-16	14"	15"	5"	NP-9200
SS-17, SPR-17	15"	16"	5"	NP-9200
SS-19, SPR-19	17"	18"	5"	NP-9200
SS-20, SPR-20	18"	19"	5"	NP-9200
SS-22, SPR-22	20"	21"	5"	NP-9200
SS-23, SPR-23	21"	22"	5"	NP-9200
SS-24 (2/Set)	11"	11"	5"	G-400X
MSS5	12"	12"	5"	G-400X

#### OTHER

1125 LT	9"	10"	5"	NP-9200
14, 1400 Series	12"	13"	5"	NP-9200
1433 LT	12"	13"	5"	NP-9200
1450 LT	12"	13"	5"	NP-9200
1450 SD	12"	13"	5"	NP-9200
1450 DX	12"	13"	5"	NP-9200
1433 MD	12"	13"	5"	NP-9200

(continues on next page)

**! 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.



Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
1450 M	12"	13"	5"	NP-9200
1701-3	15"	16"	5"	NP-9200
1775 LT	15"	16"	5"	NP-9200
1775 SD	15"	16"	5"	NP-9200
1775 DX	15"	16"	5"	NP-9200
1775 MD	15"	16"	5"	NP-9200
2001-3	18"	19"	5"	NP-9200
2001 SD	18"	19"	5"	NP-9200
2001 DX	18"	19"	5"	NP-9200
2075 LT	18"	19"	5"	NP-9200
2075 SD	18"	19"	5"	NP-9200
2075 DX	18"	19"	5"	NP-9200
2075 MD	18"	19"	5"	NP-9200
23, 2300 Series	21"	22"	5"	NP-9200
2301 SD	21"	22"	5"	NP-9200
2301 DX	21"	22"	5"	NP-9200
20 High Speed	18"	19"	Special	Special
23 High Speed	21"	22"	Special	Special
20015-3	18"	19"	5"	NP-9200
20-H	18"	19"	5"	NP-9200
20 VS	18"	19"	5"	NP-9200
20-DC-HB	18"	19"	5"	NP-9200
2000 E	18"	19"	5"	NP-9200
WB 20	18"	19"	5"	NP-9200
<b>AUTOSCRUBBERS</b>				
21 (2/Set)	10"	10"	4"	N/A
24 (2/Set)	12"	12"	4"	N/A
32 (2/Set)	15"	15"	4"	N/A
Nobles XC	11"	11"	3.966"	L-800
Takes 5.906" b/c. Requires fixture 243-W.				
VSS	18"	18"	5"	NP-9200
SS-20	18"	18"	5"	NP-9200
SS-27 (2/Set)	13"	13"	5-1/2"	L-800
SS-33 (2/Set)	16"	16"	5-1/2"	L-800
SS-1700, SS-1701	15"	16"	5-1/2"	L-800
SS-2000	19"	19"	5-1/2"	L-800
SS-2001	19"	19"	5-1/2"	L-800
SS-2200	19"	19"	5-1/2"	L-800
SS-2400 (2/Set)	11"	12"	5-1/2"	L-800
SS-2401 (2/Set)	11"	12"	5.53"	L-800
AS-265 XP (2/Set)	12"	13"	5"	G-400X
SS-2601 (2/Set)	12"	12"	5.53"	L-800
SS-2700 (2/Set)	13"	13"	5-1/2"	L-800
SS-2701 (2/Set)	13"	13"	5.53"	L-800
2800 (2/Set)	13"	13"	5"	G-400X
SS-3300 (2/Set)	16"	16"	5-1/2"	L-800
SS-3301 (2/Set)	16"	16"	5.53"	L-800
5300 T	19"	19"	5-1/2"	L-800T
11" bolt circle and no riser				
5300, SS-5300	19"	19"	5-1/2"	L800(11"B/C)
11, 1100 Series	9"	10"	5"	NP-9200
260, 260XP (2/Set)	13"	13"	4-31/32"	4104MB
320 (2/Set)	15"	15"	4-31/32"	4104MB
EZ Rider HP (2/Set)	14"	14"	5"	G-400X
Tuff Scrub 3300 (2/Set)	16"	16"	5-1/2"	L-800

L-800 lugs are also available in nylon. Order as L-800P.

**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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
<b>NORTH AMERICAN / NACECARE</b>				
Single Disk Machines Only Take ANP-16				
<b>NUSOURCE</b>				
Autoscrubbers	5-1/4" C/H	7.94" B/C		L-800
<b>PACIFIC / STEAMEX</b>				
13	11"	12"	5"	NP-9200
Satellite 13	11"	12"	5"	NP-9200
14	12"	13"	5"	NP-9200
15	13"	14"	5"	NP-9200
16	14"	15"	5"	NP-9200
Satellite 16	14"	15"	5"	NP-9200
17	15"	16"	5"	NP-9200
19	17"	18"	5"	NP-9200
19-A	17"	18"	5"	NP-9200
21	19"	20"	5"	NP-9200
23	21"	22"	5"	NP-9200
23-A	21"	22"	5"	NP-9200
24	22"	23"	5"	NP-9200
28	25"	26"	5"	NP-9200
22	20"	21"	5"	NP-9200
VS-20	18"	19"	5"	NP-9200
HS-17	15"	16"	5"	NP-9200
HS-19	17"	18"	5"	NP-9200
HS-20-DC	18"	19"	5"	NP-9200
P-20, PS-20	18"	19"	5"	NP-9200
PCP-13	11"	12"	5"	NP-9200
PCP-15	13"	14"	5"	NP-9200
PCP-17	15"	16"	5"	NP-9200
PCP-20	18"	19"	5"	NP-9200
PCP-23	21"	22"	5"	NP-9200
PHS-17	15"	16"	5"	NP-9200
PHS-19	17"	18"	5"	NP-9200
PHS-20DC	18"	19"	5"	NP-9200
Proteus 26, 26R (2/Set)	N/A			
Searay 133-13"	11"	12"	5"	NP-9200
Searay 175-17"	15"	16"	5"	NP-9200
Searay 205-20"	18"	19"	5"	NP-9200
Searay 175 DS	Use 16" Sure-Lok with High Speed Riser and			NP-9200
Searay 175 HD	15"	16"	5"	NP-9200
Searay 205 DS	Use 19" Sure-Lok with High Speed Riser and			NP-9200
ScrubMaster 210 (2/Set)	N/A			
ScrubMaster 26B, 26C	N/A			
<b>POWERBOSS</b>				
88,90 (3/Set)	16"	16"	5-1/2"	L-800
62, 65, 78, 80, 85 (3/Set)	14"	14"	5-1/2"	L-800
SB/26 (2/Set)	12"	12"	1-7/8"	L-801P
SB/28 (2/Set)	13"	13"	2-7/8"	L-801P
SB/32 (2/Set)	15"	15"	1-7/8"	L-801P
SB/34 (2/Set)	16"	16"	2-7/8"	L-801P
SB/40 (2/Set)	19"	19"	2-7/8"	L-801P
CP 28	14"	14"	5"	G-200PB
CP 32	16"	16"	5"	G-200PB

Note: Call Customer Service for cross-reference on PowerBoss sidebrooms

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
--------------	-----------------------------------	-------------------------------------	---------------------	---------------------

### RPS / FACTORY CAT

See listing under Factory Cat on page 5

### (SSS) STANDARDIZED SANITATION SYSTEMS

21	19"	20"	5"	NP-9200
23	21"	22"	5"	NP-9200
23A	21"	22"	5"	NP-9200
17VS	15"	16"	5"	NP-9200
21VS	19"	20"	5"	NP-9200
17HS	15"	16"	5"	NP-9200
20HS	19"	20"	5"	NP-9200
15	13"	14"	5"	NP-9200
16	14"	15"	5"	NP-9200
17	15"	16"	5"	NP-9200
19, 19A	17"	19"	5"	NP-9200

### TACONY (Powr' Flite)

All models require the NP-9200 clutch plate. Call Customer Service with questions.

### TENNANT / TENNANT TREND / WETROCK

Powerline 20-HD	18" W/1-1/2" RISER	19" W/1-1/2" RISER	4-15/16"	G-400X
Powerline 17-SD	15" W/1-1/2" RISER	16" W/1-1/2" RISER	4-15/16"	G-400X
Powerline 17-HS	15" W/1-1/2" RISER	16" W/1-1/2" RISER	4-15/16"	G-400X
Powerline 20-HS	18" W/1-1/2" RISER	19" W/1-1/2" RISER	4-15/16"	G-400X
Power Trend 15	14"	15"	5"	NP-9200
Power Trend 17	16"	17"	5"	NP-9200
Power Trend 20	19"	20"	5"	NP-9200
Servomatic 17	15"	16"	4-15/16"	G-400X
Servomatic 3200, 32 (2/Set)	15"	15"	4.35"	Special
Servomatic 26, 261 (2/Set)	12"	12"	4.35"	Special
15	14"	15"	4-1/8"	DWO
Viking (15)	14"	15"	4-1/8"	DWO

### AUTOSCRUBBERS

426 (2/Set)	12"	12"	4.35"	Special
465, 1465 (2/Set)	12"	12"	5"	G-400X
480, 1480 (2/Set)	16"	16"	5"	G-400X
490, 1490 (2/Set)	18"	18"	5"	G-400X
510E, 515, 7300, 8010, 8200, 8210, 8300, MAX PRO 1000 (2/Set)	20"	20"	5"	G-400X
515, 7300, 7400, 8010, 8200, 8210, 8300, MAX PRO 1200 (2/Set)	16"	16"	5"	G-400X
528, 530	12"	12"	5"	G-400X
2100	11"	12"	5"	NP-9200
2120, 2140, 2160	15"	16"	5"	NP-9200
2130, 2150, 2170	18"	19"	5"	NP-9200
260, 260XP (2/Set)	12"	13"	4-31/32"	4104MB
261 (2/Set)	12"	13"	5"	G-400X
SD-32 (2/Set)	15"	16"	4.35"	Special
432 (2/Set)	16"	16"	5-1/2"	Special
320 (2/Set)	15"	15"	4-32/32"	4104MB
S520 (2/Set)	12"	12"	5.53"	L-800
T3 - 17"	15"	15"	5"	L-800

Takes 8" b/c. Requires fixture 133-W.

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
--------------	-----------------------------------	-------------------------------------	---------------------	---------------------

T3 - 20"	18"	18"	5"	L-800
	Takes 8" b/c. Requires fixture 133-W.			
T3+	11"	11"	3.966"	L-800
	Takes 5.906" b/c. Requires fixture 243-W.			
5200	19"	20"	5-1/2"	L-800
5280, 5300T	19"	19"	5-1/2"	L-800T
	11" bolt circle and no riser			
5100 (2/Set)	16"	16"	5"	N/A
5400-24D (2/Set)	11"	11"	5"	G-400X
5400-26D (2/Set)	12"	12"	5"	G-400X
5500 (2/Set)	11"	11"	5-1/2"	L-800
5520 (2/Set)	12"	12"	5-1/2"	L-800
5540 (2/Set)	13"	13"	5-1/2"	L-800
5560 (2/Set)	16"	16"	5-1/2"	L-800
T5 - 24" (2 11" Brushes/Set)	11"	11"	5"	G-400X
T5 - 28" (2 13" Brushes/Set)	13"	13"	5"	G-400X
T5 - 32" (2 15" Brushes/Set)	15"	15"	5"	G-400X
T7 - 26" (2 13" Brushes/Set)	13"	13"	5"	G-400X
T7 - 32" (2 16" Brushes/Set)	16"	16"	5"	G-400X
F5	18"	19"	5"	NP-9200
5680/5700 28"	Set of 2 14" blocks	Set of 2 14" blocks	5" C/H	G-400X
5680/5700 32"	Set of 2 16" blocks	Set of 2 16" blocks	5" C/H	G-400X
5680/5700 36"	Set of 2 18" blocks	Set of 2 18" blocks	5" C/H	G-400X
8400, 8410, Max Pro 1200 (2/Set)	16"	16"	5"	G-400X
7100 28" (2/Set)	14"	14"	5"	G-400X
7100 32" (2/Set)	16"	16"	5"	G-400X
7200 (2/Set)	18"	18"	5"	G-400X
7200D (2/Set)	18"	18"	5"	G-400X
7200 Tight Aisle (2/Set)	14"	14"	5"	G-400X
8200 (2/Set)	20"	20"	5"	G-400X

### THOROMATIC

SE 15	13"	14"	5"	NP-9200
SE 17	15"	16"	5"	NP-9200
SE 20	18"	19"	5"	NP-9200
SE 22	20"	21"	5"	NP-9200
TM-12	10"	11"	3-25/32"	N/A
TM-13	11"	12"	5"	NP-9200
TM-15	13"	14"	5"	NP-9200
TM-17	15"	16"	5"	NP-9200
TM-20	18"	19"	5"	NP-9200
TM-22	20"	21"	5"	NP-9200
TM-17TS	15"	16"	5"	NP-9200
TM-20TS	18"	19"	5"	NP-9200
TM-300-17	15"	16"	5"	NP-9200
TM-300-20	18"	19"	5"	NP-9200
TM-1000	18"	19"	5"	NP-9200

### TORNADO

Champion	10"	11"	5-1/4"	N/A
Jumbo	14"	15"	6-1/8"	N/A
Majestic	18"	19"	6-1/8"	N/A
Royal	12"	13"	5-1/4"	N/A
Standard	16"	17"	6-1/8"	N/A
Thrifty150	13"	14"	5"	NP-9200

(continues on next page)

**!** **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.



Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
14-1/2 Cyclone	12"	13"	5"	NP-9200
15	13"	14"	5"	NP-9200
16-1 Cyclone	14"	15"	5"	NP-9200
17	15"	16"	5"	NP-9200
17-1	16"	17"	5"	NP-9200
18-1 Cyclone	16"	17"	5"	NP-9200
19	17"	18"	5"	NP-9200
19-1 Cyclone	17"	18"	5"	NP-9200
20-1	18"	19"	5"	NP-9200
22	20"	21"	5"	NP-9200
73 Series	12"	13"	5"	N/A
75 Series	14"	15"	5"	N/A
77 Series	16"	17"	5"	N/A
94 Series	12"	13"	5"	NP-9200
96 Series	14"	15"	5"	NP-9200
97 Series	14"	15"	5"	NP-9200
98 Series	16"	17"	5"	NP-9200
130	11"	12"	4"	N/A
131	11"	12"	4"	N/A
132	11"	12"	4"	N/A
150	13"	14"	5"	NP-9200
280-15	13"	14"	5"	NP-9200
280-17	15"	16"	5"	NP-9200
280-19	17"	18"	5"	NP-9200
280-22	20"	21"	5"	NP-9200
283-15	13"	14"	5"	NP-9200
283-17	15"	16"	5"	NP-9200
283-19	17"	18"	5"	NP-9200
283-22	20"	21"	5"	NP-9200
940 Series	12"	13"	5"	NP-9200
941 Series	12"	13"	5"	NP-9200
960 Series	14"	15"	5"	NP-9200
961 Series	14"	15"	5"	NP-9200
962 Series	14"	15"	5"	NP-9200
980 Series	16"	17"	5"	NP-9200
981 Series	16"	17"	5"	NP-9200
990 Series	20"	21"	5"	NP-9200
6200	10"	11"	5"	N/A
6300	10"	11"	5"	N/A
6400	12"	13"	5"	N/A
6500	12"	13"	5"	N/A
6600	14"	15"	5"	N/A
6700	14"	15"	5"	N/A
6800	16"	17"	5"	N/A
6900	16"	17"	5"	N/A
97800 (16" Series I)	14"	15"	5"	NP-9200
97805 (18" Series I)	16"	17"	5"	NP-9200
97810 (20" Series I)	18"	19"	5"	NP-9200
Tornado Screen Hi Speed	18"	19"	Special	N/A
98400	13"	14"	5"	NP-9200
98405 (17" Series II)	15"	16"	5"	NP-9200
98410 (19" Series II)	17"	18"	5"	NP-9200
98415 (22" Series II)	20"	21"	5"	NP-9200
97820 (14" Series I)	12"	13"	5"	NP-9200
98480 (20" Bi-Speed)	18"	19"	5"	NP-9200

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
98440 (Glazer 700/1500)	18"	18"	1"	N/A
Prepare for re-use of bolts, no riser, balanced for High-Speed machine				
98441 (Glazer 1100/1600)	18"	18"	1"	N/A
Prepare for re-use of bolts, no riser, balanced for High-Speed machine				
98470 (16" Bi-Speed)	14"	15"	5"	NP-9200
98666 (Tri-Drive 1520)	18"	18"	5"	NP-9200
98656 (Tri-Drive 1020)	18"	19"	5"	NP-9200
98490	18"	19"	N/A	N/A
98495	18"	19"	N/A	N/A
98473 (17" Bi-Speed)	15"	16"	5"	NP-9200
98653 (Tri-Drive 1017)	15"	16"	5"	NP-9200
98663 (Tri-Drive 1517)	15"	16"	5"	NP-9200
98672 (17" ES Deluxe)	15"	16"	5"	NP-9200
98673 (ES 8673-17" Deluxe)	15"	16"	5"	NP-9200
98674 (20" ES Deluxe)	18"	19"	5"	NP-9200
98675 (ES8675-20" Deluxe)	18"	19"	5"	NP-9200
98677 (1517SSM)	15"	16"	5"	NP-9200
98682 (ES8682-17" Standard)	15"	16"	5"	NP-9200
98683 (ES8683-17" Standard)	15"	16"	5"	NP-9200
98684 (ES8684-20" Standard)	18"	19"	5"	NP-9200
98685 (ES8685-20" Standard)	18"	19"	5"	NP-9200
99125, 99105 (EZ20)	19"	20"	5"	NP-9200
M7580 (97580)	15"	16"	5"	NP-9200
M7585 (97585)	18"	19"	5"	NP-9200
M8473 (98473)	15"	16"	5"	NP-9200
M8480 (98480)	18"	19"	5"	NP-9200
P7562 (97562)	15"	16"	5"	NP-9200
P7564 (97564)	18"	19"	5"	NP-9200

### AUTOSCRUBBERS

99200 (2/Set)	10"	11"	5-1/2"	N/A
EZ22	20" N/R	20" N/R	5"	NP-9200
EZ24	22" N/R	22" N/R	5"	NP-9200
Auto-Mite 16E (95678)	14"	14"	4-5/8"	N/A
Auto-Mite 16B (95679)	14"	14"	4-5/8"	N/A
Auto-Mite 21B (95625)	19"	19"	4-5/8"	N/A
3500 Floorkeeper (2/Set)	15"	15"	2.95"	4103MB
3800 Floorkeeper (2/Set)	11"	12"	2.95"	4103MB
Floorkeeper 24 (99300/301) (2/Set)	12"	12"	2.95"	4103MB
Floorkeeper 24 (99320/321) (2/Set)	12"	13"	2.95"	4103MB
Floorkeeper 26 (99307) (2/Set)	14"	14"	2.95"	4103MB
Floorkeeper 28 (99350/351) (2/Set)	14"	14"	2.95"	4103MB
Floorkeeper 30 (99430) (2/Set)	16"	16"	5"	G-400X
Floorkeeper 32 (99420/421) (2/Set)	16"	16"	2.95"	4103MB
Floorkeeper 33 (99400/401) (2/Set)	16"	16"	2.95"	4103MB
Floorkeeper 36 (99450/451) (2/Set)	18"	18"	2.95"	4103MB
99407 33" Mid-Range Floorkeeper (2/Set)	16"	16"	2.95"	4103MB

Pad Drivers requiring the 4103MB plate are to include NP-SP spacer and no riser.

### UNITED (Unico)

112, 112B, 112C	10"	11"	5"	NP-9200
CSU-12B	10"	11"	5"	NP-9200
CSU-13	11"	12"	5"	NP-9200
CSU-14	12"	13"	5"	NP-9200
CSU-15	13"	14"	5"	NP-9200

(continues on next page)

**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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
CSU-16	14"	15"	5"	NP-9200
CSU-17	15"	16"	5"	NP-9200
CSU-20	18"	19"	5"	NP-9200
CSU-112	10"	11"	5"	NP-9200
P60-15	13"	14"	5"	NP-9200
P60-17	15"	16"	5"	NP-9200
P60-20	18"	19"	5"	NP-9200
S-12 Aero	10"	11"	5"	NP-9200
SBU-13	11"	12"	5"	NP-9200
SBU-14	12"	13"	5"	NP-9200
SBU-15, S60-16	13"	14"	5"	NP-9200
SBU-16	14"	15"	5"	NP-9200
SBU-17, S60-17	15"	16"	5"	NP-9200
SBU-20, S60-20	18"	19"	5"	NP-9200
SBU-24	22"	N/A	5"	NP-9200

### VIPER

DR17125, DR17175	15"	16"	5"	NP-9200
DR20125, DR20175	18"	19"	5"	NP-9200
VN1720P – 17" Deck	15"	16"	5"	NP-9200
VN1720P – 20" Deck	18"	19"	5"	NP-9200
20" & 20T	19"	19"	5"	L-800
24" Twin Disc Fang	11"	12"	5"	L-800
26" Twin Disc Fang	12"	13"	5"	L-800
28" Twin Disc Fang	13"	14"	5"	L-800
VN1700	15"	16"	5"	NP-9200
VN1715	15"	16"	5"	NP-9200
VN2015	18"	19"	5"	NP-9200
Fang 18C	17"	17"	4-3/4" w/1/4" Chamfer	L-800
Takes 6.64" b/c. Requires fixture 238-W.				

### WHITE / PULLMAN-HOLT

A-14	12"	13"	4-5/8"	N/A
A-16	14"	15"	4-5/8"	N/A
A-12	9"	10"	4-5/8"	N/A
B-13-D, B-13-B	11"	12"	5"	NP-9200
B-14-D	12"	13"	5"	NP-9200
B-16-D, B-16-E	14"	15"	5"	NP-9200
B-18-D, B-18-E	16"	17"	5"	NP-9200
B-20 Series	18"	19"	5"	NP-9200
B-22F	20"	21"	5"	NP-9200
C-16-D, C-16-E	14"	15"	5"	NP-9200
C-18-D, C-18-E	16"	17"	5"	NP-9200
C-20 Series	18"	19"	5"	NP-9200
C-22-F	20"	21"	5"	NP-9200
C-24-F	22"	23"	5"	NP-9200
C-12	9"	10"	5"	NP-9200
CD-12	9"	10"	4-5/8"	N/A
CD-14	12"	13"	4-5/8"	N/A
CD-16	14"	15"	4-5/8"	N/A
CH-11	9"	10"	5"	NP-9200
M-13-1/2	11"	12"	5"	NP-83
M-15-1/2	13"	14"	5"	NP-83
M-16	14"	15"	5"	NP-83
M-16-E, M-16-EE, M-16-F	14"	15"	5"	NP-9200

L-800 lugs are also available in nylon. Order as L-800P.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
M-17	15"	16"	5"	NP-83
M-18 Series	16"	17"	5"	NP-9200
M-20	18"	19"	5"	NP-83
M-23	21"	22"	5"	NP-83
P-12	10"	11"	5"	NP-9200
P-12B, P-12C	10"	11"	5"	NP-9200
B-12C	10"	11"	5"	NP-9200
P-12-1/2	11"	12"	5"	NP-9200
P-13B	11"	12"	5"	NP-9200
P-13C	11"	12"	5"	NP-9200
P-14	12"	13"	5"	NP-9200
PC-14, PR-14	12"	13"	5"	NP-9200
P-16	14"	15"	5"	NP-9200
PC-16	14"	15"	5"	NP-9200
PR-16	14"	15"	5"	NP-9200
PX-16	14"	15"	5"	NP-9200
P-18	16"	17"	5"	NP-9200
PC-18	16"	17"	5"	NP-9200
PR-18	16"	17"	5"	NP-9200
P-20	18"	19"	5"	NP-9200
PC-20	18"	19"	5"	NP-9200
PR-20	18"	19"	5"	NP-9200
PES-2000	18"	19"	5"	NP-9200
PX-20	18"	19"	5"	NP-9200
PC-22	20"	21"	5"	NP-9200
PC-22E	20"	21"	5"	NP-9200
PC-22F	20"	21"	5"	NP-9200
PC-24	22"	23"	5"	NP-9200
PC-24E	22"	23"	5"	NP-9200
PC-24F	22"	23"	5"	NP-9200
Single-13	11"	12"	5"	NP-9200
Single-14	12"	13"	5"	NP-9200
Single-16	14"	15"	5"	NP-9200
Single-18	16"	17"	5"	NP-9200
Single-19	16"	17"	5"	NP-9200
Single-20	17"	18"	5"	NP-9200
Single-22	20"	21"	5"	NP-9200
Single-24	21"	22"	5"	NP-9200

### OTHER

Jubilee 12	9"	10"	4-5/8"	N/A
2S-16	14"	15"	4-5/8"	N/A
2S-17	15"	16"	4-5/8"	N/A
2S-20	18"	19"	4-5/8"	N/A
2S-23	21"	22"	4-5/8"	N/A
D-18-F, HS-18-F	16"	17"	5"	NP-9200
DS-20F	18"	19"	5"	NP-9200
ES2000	18"	19"	5"	NP-9200
Expert-13	11"	12"	5"	NP-9200
Expert-16	14"	15"	5"	NP-9200
Expert-18	16"	17"	5"	NP-9200
Expert-20	18"	19"	5"	NP-9200
Expert-22	20"	21"	5"	NP-9200
Gloss Boss High Speed (Ultra High)	18"	18" N/R	1-3/4"	Special
(1090, 1500, 2000)	Balanced for High Speed machine			
HST-20 (2 Brushes)	9"	9"	5"	NP-9200

(continues on back)

**!** **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.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
Super-12	9"	10"	5"	NP-9200
Super-16	14"	15"	5"	NP-9200
J-12A	9"	10"	5"	NP-9200
JW-12	10"	11"	5"	NP-9200
Special-12	10"	11"	5"	NP-9200
Special-16	14"	15"	5"	NP-9200
JW-13	11"	12"	5"	NP-9200
JW-16	14"	15"	5"	NP-9200
JW-18	16"	17"	5"	NP-9200
JW-20	17"	18"	5"	NP-9200
JW-22	20"	21"	5"	NP-9200
50	14"	15"	5"	NP-9200
Special-20E	18"	19"	5"	NP-9200
J-13	11"	12"	5"	NP-9200

#### AUTOSCRUBBERS

HST-12 (2/Set)	5"	6"	Special	N/A
P-22 Series	20"	21"	5"	NP-9200
P-24 Series	21"	22"	5"	NP-9200
S-17 Series	15"	16"	5"	NP-9200
S-20 Series	18"	19"	5"	NP-9200
Scrub Boss SB26 (2/Set)	12"	12"	5-1/8"	N/A
Scrub Boss SB32 (2/Set)	15"	15"	5-1/8"	N/A

#### WINDSOR

##### STANDARD SPEED

P-175-18	16"	17"	5"	NP-9200
Lightning 175-17	15"	16"	5"	NP-9200
Lightning 175-20	18"	19"	5"	NP-9200
Merit MP 15	13"	14"	5"	NP-9200
Merit MP 17X	15"	16"	5"	NP-9200
Merit MP 20X	18"	19"	5"	NP-9200
Merit MP 13	11"	12"	5"	NP-9200

##### HIGH SPEED

Storm 13 (SP13)	11"	12"	5"	NP-9200
Storm 15 (SP15)	13"	14"	5"	NP-9200
Storm 17 (SP17)	15"	16"	5"	NP-9200
Storm 17X (SP17X)	15"	16"	5"	NP-9200
Storm 20 (SP20)	18"	19"	5"	NP-9200
Storm 20X (SP20X) & SPS20D	18"	19"	5"	NP-9200
Saber 28 (2/Set)	13"	13"	5"	NP-9200

\*Fits new machines with star style plates only. Old Style hex shaped plate not available.

\*\*Call Customer Service

NOTE: All Autoscrubbers-when ordering pad driver with 792460, use NP-SP Spacer.

When using the 4112MB Plate, must use NP-SP spacer.

Model Number	Brush and Mal-Lok™ Block Diameter	Suggested Pad Holder Block Diameter	Malish C/H Diameter	Malish Plate Number
P-300-18	16"	17"	5"	NP-9200
P-300-20	18"	19"	5"	NP-9200
P-360-18	16"	17"	5"	NP-9200
P-360-20	18"	19"	5"	NP-9200
PA-18	16"	17"	5"	NP-9200
PG-18	16"	17"	5"	NP-9200

#### AUTOMATIC SCRUBBERS

Power Tec 26" (2/Set)	13"	13"	6.625"	**
Power Tec 32" (2/Set)	16"	16"	6.625"	**
Power Tec 20"	18"	18"	5.25"	**
Power Tec 17"	16"	16"	6.625"	**
Power Tec 24"	21"	21"	5.25"	**
Power Tec 28" (2/Set)	14"	14"	6.625"	**
Power Tec 34" (2/Set)	17"	17"	6.625"	**
Saber 24 (2/Set)	11"	11"	5"	4112MBS
Saber 26 (2/Set)	12"	12"	5"	4112MBS
Saber Cutter 26 (2/Set)	12"	12"	5"	4112MBS
Saber 34 (2/Set)	16"	16"	5"	4112MB*
Quick 32 (2/Set)	15"	15"	5"	4112MB*
Tracker AS34 (2/Set)	17"	17"	5"	4112MB*
Trident Compact 17	16"	16"	5"	4112MB*
Trident Compact 20	19"	19"	5"	4112MB*
Trident TR28 (2/Set)	14"	14"	6.625"	**
Trident TR34 (2/Set)	17"	17"	6.625"	**
Saber 17" Compact	17"	17"	5"	4112MB*
Saber 20" Compact	19"	19"	5"	4112MB*
Trident	Special	Special	Special	Special

NOTE: The Windsor automatic scrubbers listed above do not use a riser with the pad driver.

Merit 175-17 (MD-17)	15"	16"	5"	NP-9200
Merit 175-20 (MD-20)	18"	19"	5"	NP-9200
Saber Glide 28 (2/Set)	13"	13"	5"	4112MBS
Saber Glide 28/36 (3/Set)	11"	11"	5"	4112MBS
Saber Glide 32 (2/Set)	15"	15"	5"	4112MB*
Saber Cutter 32 (2/Set)	15"	15"	5"	4112MB*
Chariot 20 (1) (new style)	20"		5"	4112MB*
Chariot 24 (2) (new style)	12"		5"	4112MB*

NOTE: For any Windsor machine that takes L-800 Lugs

6.625" C/H = 8" Bolt Circle, Fixture #133-W

5" C/H = 6.5" Bolt Circle, Fixture #0054-W

5.25" C/H = 7.84" Bolt Circle, Fixture #134-W



# MALISH

The Malish Corporation

4260 Hamann Parkway • Willoughby, OH 44094

440.951.5356 • 800.321.7044 • Fax 440.951.0293

comments@malish.com • www.malish.com