

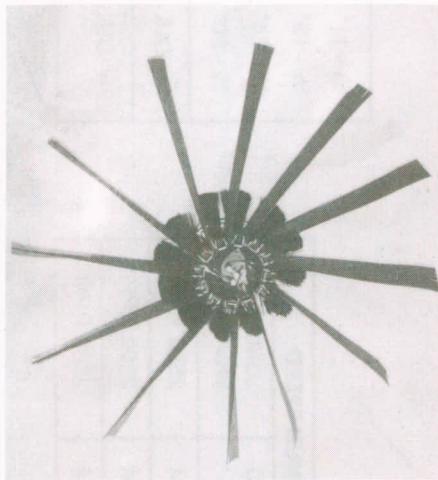
# OPERATING INSTRUCTIONS

## SIXTY SERIES - 12 BRUSH - PORTABLE HEADS

### ABRASIVE LOADING

One filling of these models is called a **LOADING**. This consists of 3 assemblies ...each of which has 4 abrasive strips fastened at one end by a cloth loop. See Abrasive Loading price sheet.

### INSTALLATION



With the nut and cap plate removed, install each assembly with the loop over a pin and the abrasive strips projecting between 4 adjacent brush holders (and brushes). With all 3 assemblies in place, the Head should appear as in photo at left.

Following this, replace the cap plate and nut, leaving the nut loose until abrasive is wound in. Holding the back plate stationary, grasp the outer edges of the cap plate and turn it in the direction the Head will rotate when in operation. Turn until approximately 1/2" of abrasive remains beyond the brush tips.

At this point, tighten the nut...being sure that the locking indentation in the cap plate falls between 2 of the brush holders. The nut should be finger tight.

**CAUTION:** Always be sure the ends of all brush holders are **INSIDE** the lip of the cap plate **BEFORE** operating.

### ADJUSTMENTS

When fresh abrasive is required, loosen the nut sufficiently for the locking indentation to clear the brush holder. Turn the cap plate the opposite direction of that used to wind the abrasive in. Moving the lock one space (between brush holders) is normally sufficient to provide the needed extension. Tighten the nut. When tool is started, extension of abrasive will occur either from centrifugal force...or as soon as work pressure is applied.

### MOUNTING

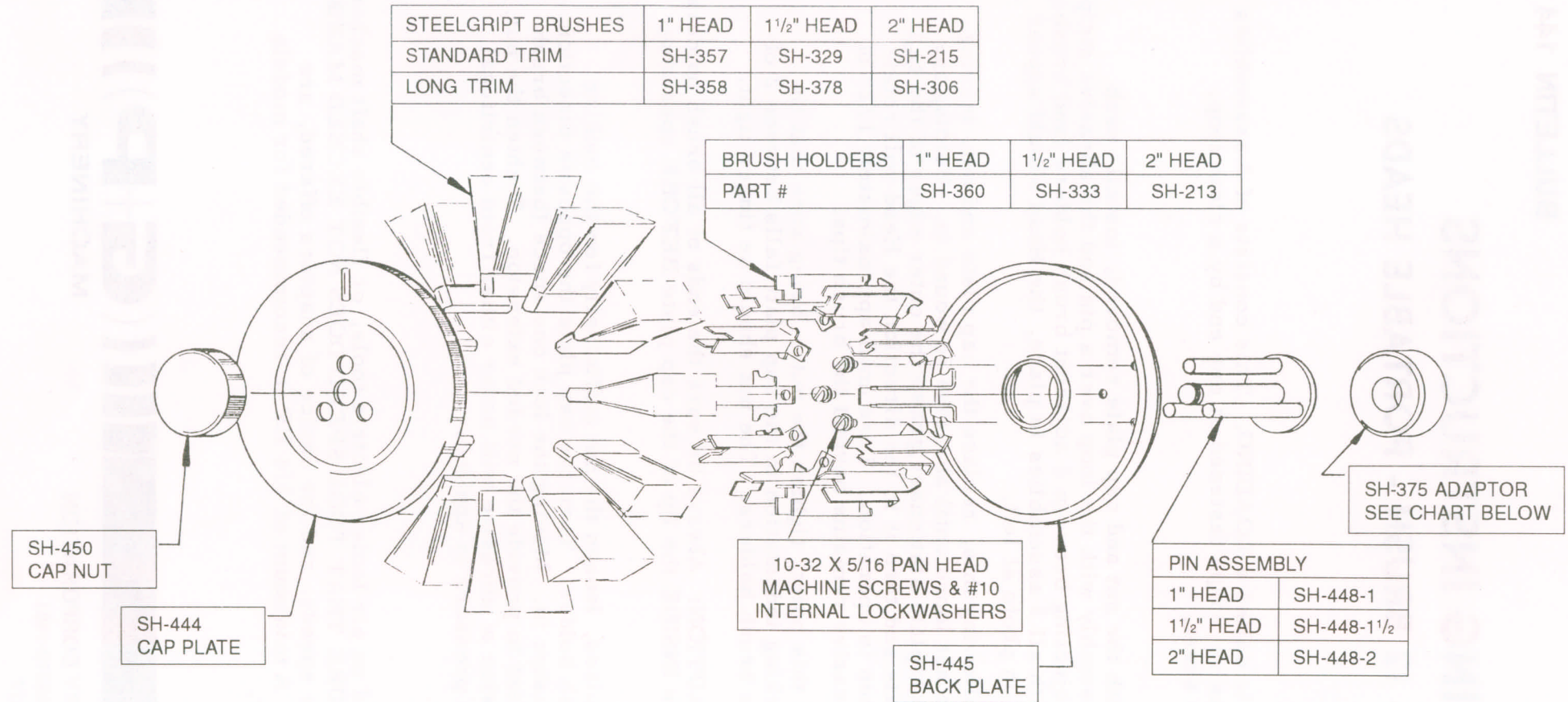
These Heads can be mounted on air tools, electric tools, or flexible shaft machine by means of adaptors. **BE SURE THAT TOOL SPEED DOES NOT EXCEED MAXIMUM SAFE RPM LISTED.** These speeds, and the choice of adaptors offered, are listed on the reverse side. A minimum of 3/4 HP is recommended for models having abrasive 2" or wider.

GRINDING & POLISHING MACHINERY CORPORATION  
2801 TOBEY DRIVE / INDIANAPOLIS, IN 46219-1481  
PHONE (317) 898-0750 FAX (317) 899-1627



**MACHINERY**

# SIXTY SERIES - PORTABLE 12 BRUSH HEADS



STEELGRIP T BRUSHES	1" HEAD	1 1/2" HEAD	2" HEAD
STANDARD TRIM	SH-357	SH-329	SH-215
LONG TRIM	SH-358	SH-378	SH-306

BRUSH HOLDERS	1" HEAD	1 1/2" HEAD	2" HEAD
PART #	SH-360	SH-333	SH-213

PIN ASSEMBLY	
1" HEAD	SH-448-1
1 1/2" HEAD	SH-448-1 1/2
2" HEAD	SH-448-2

## OPERATING SPEEDS

MODEL NUMBER	RECOMMENDED SPEED		MAXIMUM SPEED	
	STANDARD BRUSHES	LONGTRIM BRUSHES	STANDARD BRUSHES	LONGTRIM BRUSHES
SH-1061 - 1"	2500 - 3200	2500 RPM	3500 RPM	2500 RPM
SH-1060 - 1 1/2"	2500 - 3200	2500 RPM	3500 RPM	2500 RPM
SH-1062 - 2"	2500 - 3200	2500 RPM	3500 RPM	2500 RPM

## MOUNTING ADAPTORS

CHOICE OF 1 INCLUDED WITH HEAD

5/8 - 11" - FEMALE	FOR MOUNTING ON TOOLS THAT HAVE A THREADED SHAFT
1/2 - 13" - FEMALE	
3/8 - 24" - FEMALE	
1/2 - 20" - FEMALE	
1/2" DIA	MALE FOR CHUCK MOUNTING
1/4" DIA.	BLANK FOR REQUIREMENTS OTHER THAN THOSE LISTED