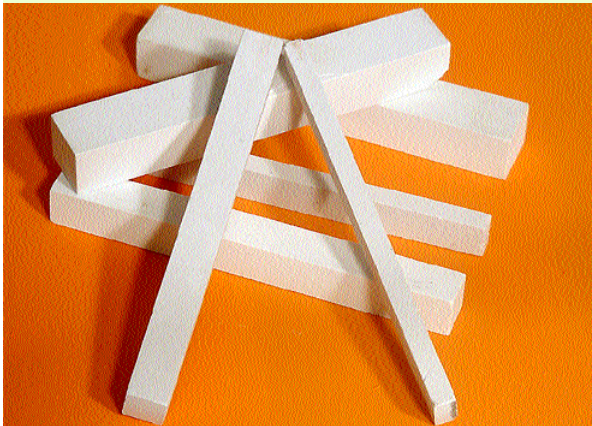


## Brush Seating and Cleaning Stones



Commutators and slip ring brushes of any material can be easily and accurately seated with Diamond D Brush Seaters.

Just hold the Brush Seater on the commutator close to the brush so the Brush Seater material will be carried under the brush.

At the same time, press on the brush to increase pressure.

Many commutators and slip-ring troubles are caused by poor contact with the brushes. This is particularly true when new brushes are installed along with old ones because if the new brushes do not make good contact, the current is forced through the other brushes. This overloads the other brushes causing pitting of the brush faces, loosening of brush shunts, burning of brush holders, and many other evils that result from sparking and heating.

**Size Selection** For brush seating, choose a stone with a width equal to, or slightly greater, than the width of the brush. For cleaning commutators, pick a stone about 3/4 the length of the commutator bar and as thick as will neatly fit between the brush riggings. For slip rings, select a stone about 1/2" wider than the ring.

### Grade Selection

#### Grade ES (Extra Soft)

Used for cleaning and seating brushes on all types of slip rings.

#### Grade FH (Fine Hard)

Recommended for small motor applications such as vacuum cleaners, fans and automotive generators.

#### Grade MS (Medium Soft)

Our most popular grade and is normally supplied for general purpose use.

#### Grade FS (Fine Soft)

Similar to Grade MS, except utilizing a finer grit abrasive.

#### Grade MH (Medium Hard)

Similar to grade MS except harder. It was specifically developed for use on undercut commutators where softer grades might wear too quickly.

We can manufacture special sizes not shown. Please advise the size and grade for a prompt quotation.

**See Brush Seater Holders Pg. 13**

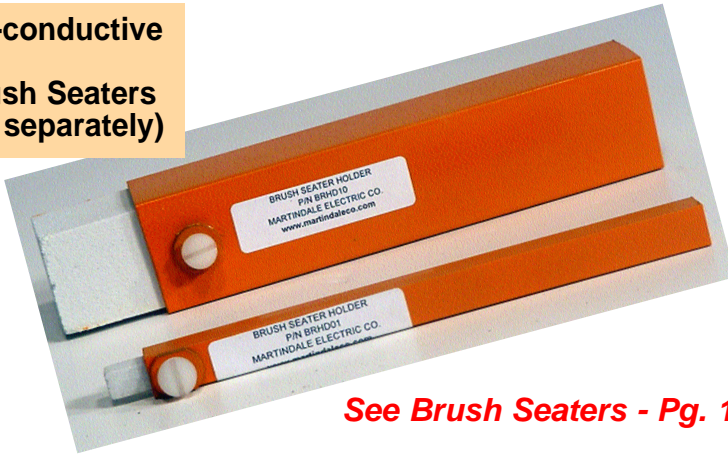
Description	No. of Pcs. Per Box	Catalog Number (Priced per Pc.)
4" x 1-1/2" x 2"	2	BRSRX03**
4-3/4" x 2" x 1-1/4"	2	BRSRX01**
4-3/4" x 1-1/2" x 1-1/4"	2	BRSRX02**
4-3/4" x 1-1/4" x 3/4"	4	BRSRX04**
4-3/4" x 1-1/8" x 5/8"	4	BRSRX05**
4-3/4" x 1" x 1/2"	4	BRSRX06**
4-3/4" x 3/4" x 5/8"	4	BRSRX07**
4-3/4" x 3/4" x 1/2"	4	BRSRX08**
4-3/4" x 1/2" x 1/2"	2	BRSRX09**
4-3/4" x 1/2" x 3/8"	2	BRSRX10**
4-3/4" x 5/8" x 1/2"	4	BRSRX28**
4-3/4" x 3/4" x 1/4"	2	BRSRX11**
4-3/4" x 1/2" x 1/4"	4	BRSRX12**
4-3/4" x 1/4" x 1/4"	6	BRSRX13**
4-3/4" x 1/4" x 1/8"	12	BRSRX14**
4-3/4" x 3/8" x 3/8"	4	BRSRX15**
4-3/4" x 1" x 1"	4	BRSRX16**
4-3/4" x 2" x 1"	2	BRSRX17**
4-3/4" x 3/8" x 1/4"	4	BRSRX18**
2" x 1" x 1"	1	BRSRX19**
2" x 2" x 2"	1	BRSRX23**
3" x 2" x 2"	1	BRSRX24**
3" x 2" x 4"	1	BRSRX25**
6" x 3" x 2"	1	BRSRX21**
5" x 2" x 2"	1	BRSRX22**
8" x 1-1/2" x 1-1/2"	1	BRSRX27**
8" x 3" x 2"	1	BRSRX20**



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**\*\* Ordering: Specify Catalog Number and Grade.**  
*Only sold in box quantities shown.*

**Non-conductive**  
**(Brush Seaters sold separately)**



*See Brush Seaters - Pg. 12*

The Brush Seater Holder adds an element of safety when seating brushes while the motor is running. The non-decreasing length of the holder helps keep fingers away from rotating equipment and possible shock is reduced because the holder is non-conductive. This sheath also provides additional support to the relatively fragile seater material.

I.D. Dimension	Catalog Number
1/4" x 1/4"	BRHDX13
1/2" x 1/4"	BRHDX12
3/8" x 3/8"	BRHDX15
1/2" x 1/2"	BRHDX09
5/8" x 1/2"	BRHDX28
3/4" x 1/2"	BRHDX08
3/4" x 5/8"	BRHDX07
1" x 1/2"	BRHDX06
1" x 1"	BRHDX16
— Standard length is 5" —	
— 10" & 15" lengths available — (At Additional Cost) (To order longer lengths: Add "10" or "15" to above part numbers.)	

## Brush Seaters with Handles

Used to seat larger brushes or clean commutators where a sturdy handle is required for safety and durability. Five grades are offered, see pg. 12 for available grades.



**2x2x2"**  
**With Right**  
**Angle**  
**Tramway**  
**Handle**

**4x3x2"**  
**With Saw**  
**Handle**

**4x3x2"**  
**With**  
**Straight**  
**Tramway**  
**Handle**

Description	Catalog Number
Brush Seater, 2 x 2 x 2" with Right Angle Tramway Handle	BRSRX23**RT
Brush Seater, 4 x 3 x 2" with Saw Handle	BRSRX25**SW
Brush Seater, 4 x 3 x 2" with Straight Tramway Handle	BRSRX25**ST
<b>** Five Grades available - See Pg. 12</b>	

