MODEL HS HELICALLY SHAPED ROTARY BRUSH

NOW - THE BRUSH USED ON OUR MODEL BR BRUSH TYPE BELT CLEANER MAY BE PURCHASED AS A SEPARATE ITEM

- Even the tackiest materials will not load due to open face construction.
- Helical shape insures smooth brush/belt contact. Noisy and irritating beating action is eliminated.
- Brush replacement costs are the lowest in the industry since only the brush strips need to be replaced.
- Two set screws in each hub lock brush to shaft, eliminates need for keyways.

SPECIFICATIONS

Twelve helically shaped brush strips are held securely by wedge blocks mounted on hubs.

HUBS

The number of hubs furnished is determined by the width of the brush ordered since they are to be spaced equally on a shaft not more than 8” apart. For example a 24” brush (shown in photo above) has four hubs.

The hubs are painted gray iron with a 4” O.D. Standard bores available are 1 7/16” and 11 5/16”. Other bore sizes are available on special order. Each hub affixes to shaft by two set screws eliminating need for keys to hold brush.

BRUSH STRIPS

For standard brushes twelve brush strips with a 3” bristle length are furnished. The strips are easily and quickly attached to the hubs with wedge blocks forming a brush with an O.D. of 10”. The strips are prehelixed at 30” per foot. The helix automatically determines the position of the hub on the shaft. When the bristles have worn only the brush strips are replaced as the hubs are reusable.

Standard bristle material is nylon with polypropylene and oil tempered wire bristles also available. We recommend nylon since it has better over-all wear characteristics than polypropylene. The nylon and polypropylene bristles area available from stock in .014, .028 and .040 diameters. Oil tempered wire is available from stock in .010 diameter.

Other bristle sizes and types are available on special order. If on-belt temperatures exceed 200°F the oil tempered wire bristle is recommended.

NOTE: IMPORTANT ORDERING INFORMATION

MODEL HS designates brush only.
MODEL BR designates complete brush cleaner including motor, brush, shaft, belt guard, hanger assembly, etc.
PART HB designates one complete set of 12 replacement bristles for either Model HS or Model BR.

CONVEYOR COMPONENTS COMPANY

OPEN FACE CONSTRUCTION IS IDEAL FOR CONVEYOR BELT CLEANING APPLICATIONS

Used as standard brush on our model BR brush type cleaner. Also used on wire mesh and rod conveyors, scrap removal, plywood dusting, cleaning castings and forgings, steel plate cleaning and many special applications.