

# MST Bushings

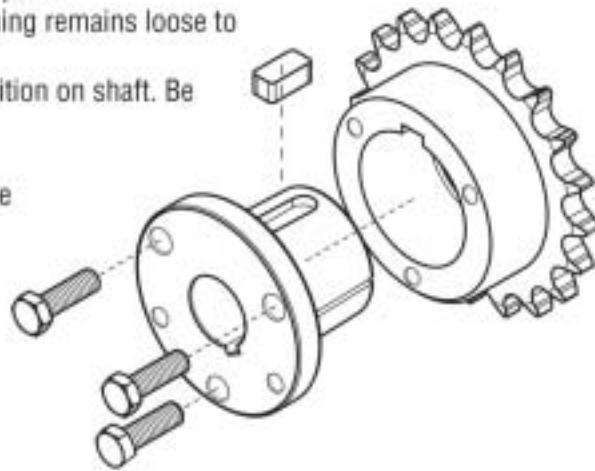
## Martin MST BUSHING INSTALLATION & REMOVAL INSTRUCTIONS.

The MST bushings are easy to install and remove. They are split through the barrel and have a taper to provide a true clamp on the shaft. They are keyed to both the shaft and the hub to help during "blind" installations.

### INSTALLATION

1. Be sure the tapered cone surfaces of the bushing and the inside of the driven product are clean and free of anti-seize lubrication.
2. Place bushing in sprocket or other *Martin* MST part.
3. Place cap screws loosely in pull-up holes. Bushing remains loose to assure sliding fit on shaft.
4. With key on shaft, slide sprocket to desired position on shaft. Be sure heads of capscrews are accessible.
5. Align sprocket. Tighten screws alternately and progressively - until they are pulled up tight (see table below). Do not use extensions on wrench handles. Do not allow sprocket to be drawn in contact with flange of bushing. There should be a gap between bushing flange and sprocket.

**CAUTION: THIS GAP MUST NOT BE CLOSED.**



### REMOVAL

1. Loosen and remove capscrews.
2. Insert capscrews in tapped removal holes.
3. Tighten inserted screws until sprocket is loose on shaft.
4. Remove sprocket from shaft.

WRENCH TORQUE VALUES FOR TIGHTENING BUSHINGS		
MST Bushing Size	Size of Cap Screw	Wrench Torque (ft. / lbs.)
H	1/4 x 3/4	95
P	5/16 x 1	192
Q	3/8 x 1-1/4	348
R	3/8 x 1-3/4	348
S	1/2 x 2-1/4	840
U	5/8 x 2-3/4	1680
W	3/4 x 3	3000

**CAUTION**

**WARNING: USE OF ANTI-SEIZE LUBRICANT ON TAPERED CONE SURFACES OR ON BOLT THREADS WHEN MOUNTING MAY RESULT IN DAMAGE TO SHEAVES AND SPROCKETS. THIS VOIDS ALL MANUFACTURER'S WARRANTIES.**

**WARNING:** Because of the possible danger to person(s) or property from accidents which may result from the improper use of products, it is important that correct procedures be followed: Products must be used in accordance with the engineering information specified in the catalog. Proper installation, maintenance and operation procedures must be observed. The instructions given above must be followed. Inspections should be made as necessary to assure safe operation under prevailing conditions. All rotating power transmission products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards, and good safety practice. (Refer to ANSI Standard B15.1.)