Split-Barrel Bushing Installation Instructions

Maurey Split-Barrel Bushings are tapered to "Clamp" the shaft when mounted properly. They have an external key that aligns the bolts with the threaded holes in the hub providing easy installation. **CAUTION: WHEN MOUNTING SPLIT BARREL BUSHINGS THE TIGHENING FORCE OF THE CAP SCREWS IS MULTIPLLIED MANY TIMES BY THE WEDGING ACTION OF THE TAPERED SURFACE. IF EXTREME TIGHTENING FORCE OR USE OF LUBRICANTS ARE APPLIED TO THE BUSHING OR ANY SURFACE, BURSTING PRESSURES WILL BE CREATED IN THE HUB AND CAN CAUSE IT TO CRACK. DO NOT USE LUBRICANTS ON INSTALLATION IN THE BORE, THE BARREL OF THE BUSHING OR ON THE CAP SCREWS OR MOUNTING HOLES. THE USE OF LUBRICANTS WILL CAUSE DAMAGE TO THE SHEAVE OR MOUNTING COMPONENT AND WILL VOID ANY WARRANTY.**

INSTALLATION

1. Make sure the bore of the sheave (or product bushing is being mounted into) and the tapered cone surface of the bushing are free of all foreign substances such as paint, lubricants, etc. **ANY USE OF LUBRICANTS WILL VOID THE WARRANTY**.
2. Make sure that the external key (Type 1 products) is securely and completely seated in the external key slot (Style 2 bushings are provided with special keystock that is to be used in the shaft keyway and the hub of the product that the bushing is being mounted into).
3. Align the key on the outside of the bushing with the keyway of the hub in the sheave (or product bushing is being mounted into) and insert the bushing into the hub. Tighten the three cap screws "finger tight" until snug against the bushing face. Do not over tighten as this will collapse the bushing and make it hard to put onto the shaft.
4. With the key on the shaft (not provided), slide the assembly to its desired position on the shaft. Cap screws must be accessible with a wrench.
5. Align the assembly with the mating sheave (or other component) and tighten the cap screws evenly and progressively to the torque value listed below. Never allow the bushing flange to make contact with the hub face. There should always be a gap. If there is no gap, remove the assembly for inspection.

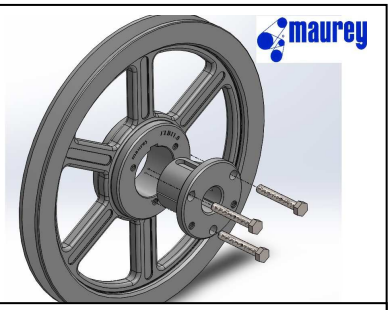
REMOVAL

1. Remove all of the cap screws.
2. Insert cap screws into threaded holes.
3. Tighten the cap screws evenly and progressively until the bushing is loose on the shaft.
4. Remove bushing assembly from shaft.

INSTALLATION TORQUE		
BUSHING SIZE	CAP SCREW	TORQUE (in-lb.)
P1, P2	5/16 x 1	192
Q1	3/8 x 1-1/4	348

Type 1

Type 2



Assembly