Bushings

Installation Guide

Installation:

Joint With Outer Sleeve: Clamp or press-fit the outer sleeve into a socket which has been machined to the dimensions shown on Table 1. The force required to install the joint in the socket with a press-fit can be approximated from the formula:

Force (lbs.) = 2500 x diameter x length

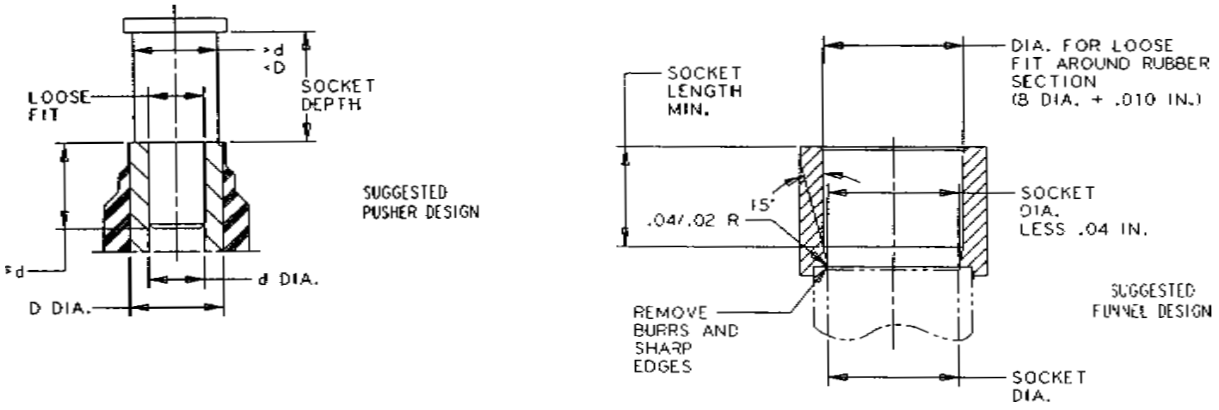
The inner member is normally attached by clamping or bolting its extended ends to a mounting bracket. An alternate method would be to press-fit a shaft through the inner tube.

Joint Without Outer Sleeve: Since the outer part of this type joint is the flexing element, it must be compressed and inserted directly into a socket which has been machined to the dimensions shown on Table 2. This is done with the aid of a funnel-shaped fixture and a suitable lubricant: P-80 Rubber Emulsion Lubricant made by International Products Corporation, P. O. Box 70, Burlington, NJ 08016-0070, Phone: (609) 386-8770, FAX: (609) 386-8438.

The inner member attachment is accomplished in the same manner as described above for the joint with outer sleeve.

Suggested Funnel Design

Figure 4



Installation: Square Bonded Bushings

Joints may be installed in preformed sockets machined, cast or fabricated to dimensions as shown in Table 1.

Installation is a simple, four-step procedure:

1. Lubricate the mount and socket lightly with P-80 Rubber Emulsion Lubricant or water. Lubricant available from International Products Corporation, P. O. Box 70, Burlington, NJ 08016-0070, Phone: (609) 386-8770, FAX: (609) 386-8438.
2. Insert assembly fixture or driving bolt through center member. Take care that driving members do not overhang center member outside diameter or damage may result to the elastomer.
3. Apply sufficient pressure to seat the joint in the center of the supporting socket.
4. Attach the supported member snug against the center member.