MB-ST.250 Hollow Shaft Encoder Shaft Stubs

DESCRIPTION

The MB-ST.250 can be installed on the end of a conveyor roller to provide a mounting shaft for a hollow shaft encoder, such as the HS20 or HS25 encoders. The HS20 or HS25 should be ordered with a 1/4" shaft bore so it fits the MB-ST.250

INSTALLATION

1. Drill and tap a 10-24 hole, at least 3/8" deep, into the end of the conveyor roller. The hole must be centered and in-line with the conveyor roller axis so there is minimum wobble when the roller is rotating.

2. Insert the MB-ST.250 shaft stub. Tighten with a 1/8" hex key.

3. Install the HS20 or HS25 hollow shaft encoder onto the shaft stub and tighten the set screws.

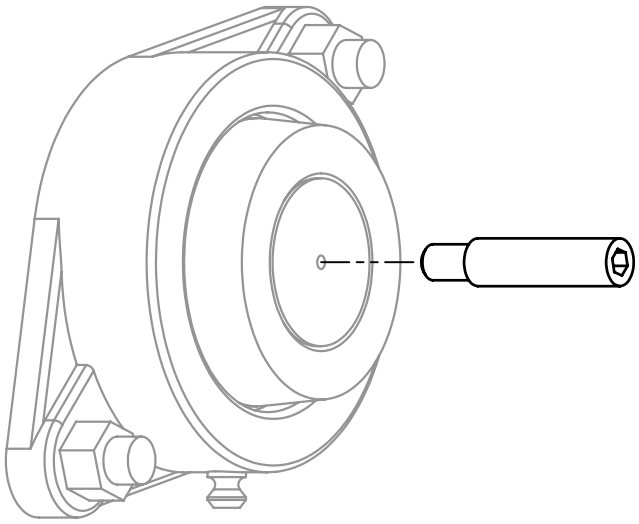

Figure 1: MB-ST.250 and conveyor roller bearing

DIMENSIONS

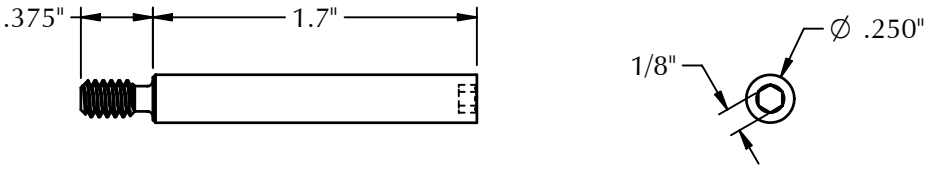

Figure 2: MB-ST.250

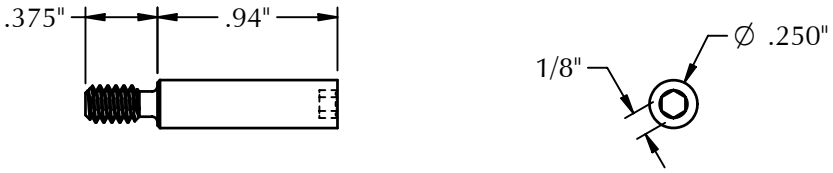

Figure 3: MB-ST.250A

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