

TB088 (Rev1) - Recommended Coupling for Direct Drive Transmissions

Overview

Currently some machine tool builders are using a direct coupler that is misaligned and can come loose, this coupler causes a very noisy racket that sounds like a machine gun firing, giving the false impression of a bad motor.

The Noisy Coupler can be identified... it is:

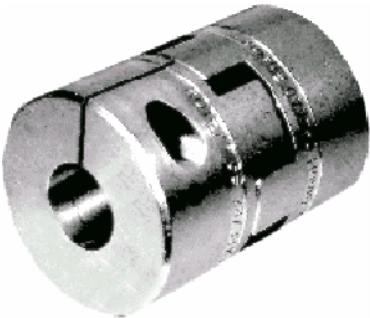
Black steel with a black steel spring coupler washer.



1. Best Solution

The best solution is to use a proper coupler. Both KTR and Zero-Max can supply you with an excellent coupler.

Replacement Coupler's



KTR Rotex GS model, coupler size 28/38. It is silver in appearance and uses a red poly coupling. KTR's phone # is 219-872-9100 and their Email: KTRcorp@ktrcorp.com (www.ktrcorp.com)

Zero-Max, Inc. Servo Class # SC 050. Their phone # 1-800-533-1731

2. Alternative Solution...Realigning the Noisy Coupler

If replacing the noisy coupler is not a option for you can try realigning it. Remove the old coupler from the machine, remove the screws on the coupler, place red loctite on the four screws, and loosely reconnect the couplers. Slide a 5/8" ground rod through both sections, thereby re-aligning the couplers. Tighten up the screws, and remove the 5/8" ground rod. Then place the coupler back on the machine.

Document History

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