

Application note for setting disc spring type clamps

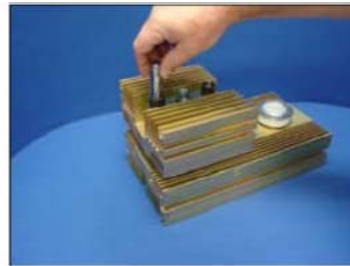
Introduction

This application note provides instructions on how to set a disc spring type clamp. The clamp range uses a two-rod system with disc springs to apply the required clamping force on the device. This force is achieved when the top disc spring(s) are just free to move.

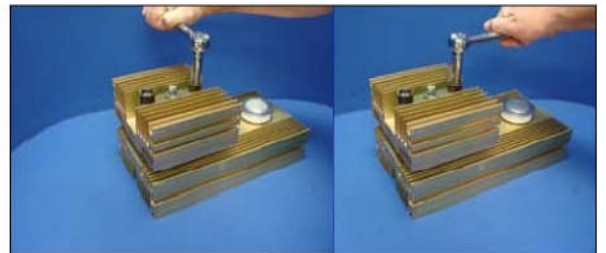
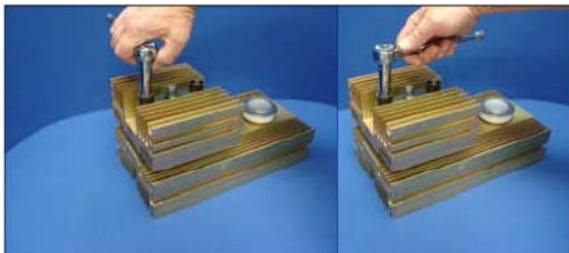
This pre-calibrated force indicator eliminates the need for any special equipment or torque wrenches.

Instructions

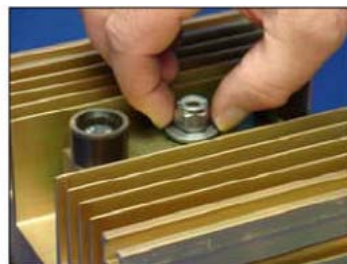
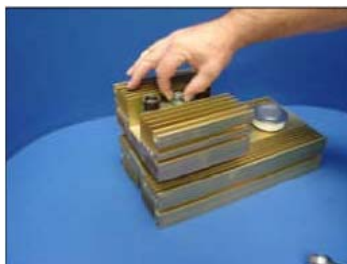
1. After loosely assembling all the components with the capsule device between the heatsinks, finger tighten the two bolts.



2. Check that the top bar is parallel with the heatsink and make sure that it is centrally located i.e. not at an angle to the channel in the heatsink.
3. Using a socket (wrench) tighten each bolt by a quarter turn alternately.



4. Check the top disc spring(s) after each bolt has been quarter turned. Correct force is applied when the washers are just free to move.



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