

APPLICATION

Hard Disk Drive

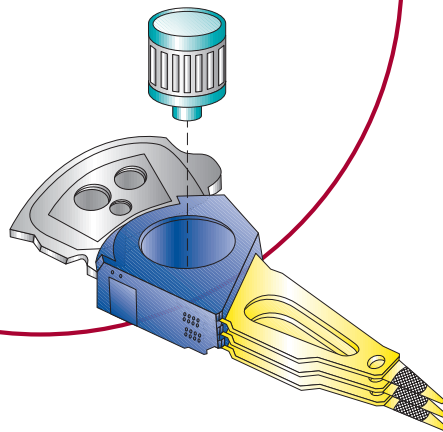
USA

PROBLEM



With disk drive manufacturers trying to accommodate increasing amounts of data on the surface of a media disk, performance parameters are becoming increasingly stringent. Yet as demand rises for increased torque ripple and resonance performance, manufacturing costs are being squeezed.

SOLUTION



USA Tolerance Rings can be used to mount the bearing assembly or bearing cartridge into the actuator arm. This is a key link within the disk drive and significantly improves resonance and torque ripple performance while reducing cost.

BENEFITS

Allows for easy reworking and increased tolerances on the mating components. Also permits quick assembly, leading to reduced manufacturing costs.

STATUS

In production.

CASE STUDY