BAL SEAL® SEALS IN TAPPING HEADS

The metal working industry uses tapping heads extensively for automatic tapping. Tapping usually requires a chlorinated cutting fluid to provide efficient cutting. These fluids, however, tend to swell and crack ordinary elastomeric seals and dissolve the grease in the tapping head, which reduces lubrication.

Low-friction Bal Seal® seals provide reliable sealing because they are resistant to solvents and cutting fluids.

Operating Parameters
Media: Corrosive, abrasive fluids
Friction: Low torque
Requirements: High sealing reliability
Features: Chemical compatibility and ease of assembly

Seal Selection: KSX

Features:
• A metal locking ring on the outside diameter of the seal reduces potential seal failure caused by rotation
• After initial deflection, the Bal Spring® canted coil spring energizer has a near-constant force within the working deflection, which allows for low friction, seal wear compensation, eccentricities and other variables

For more information and technical assistance, contact a technical sales representative.