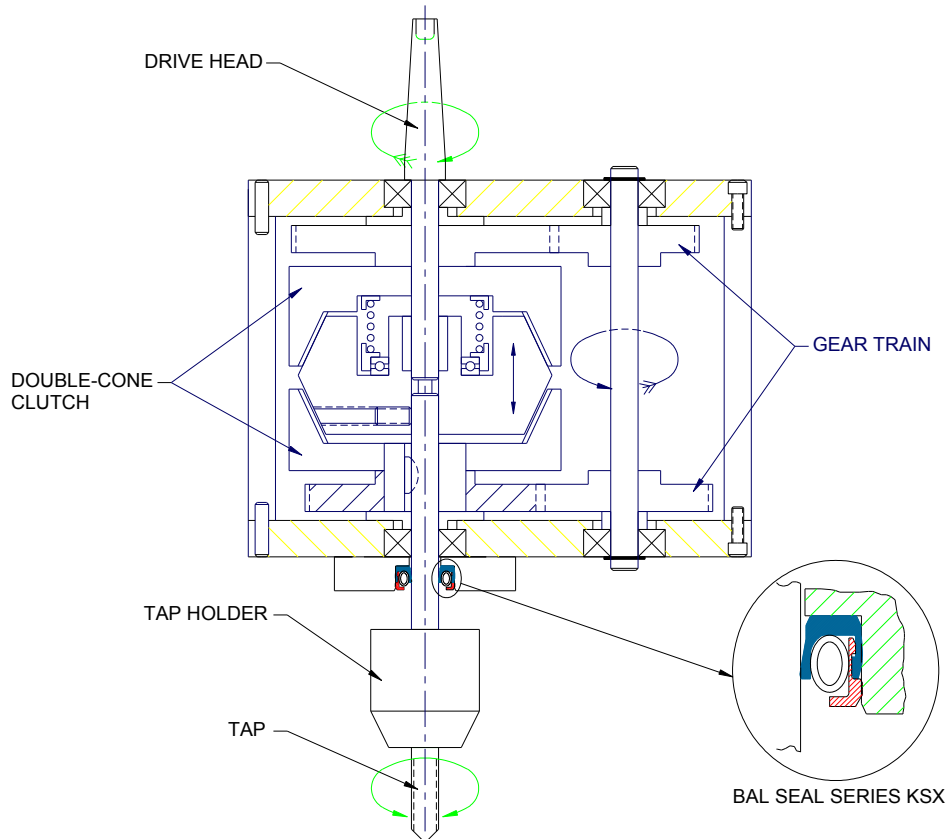


BAL SEAL® SEALS IN TAPPING HEADS

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 Seal patented, 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, consult the Technical Sales Department.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244
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