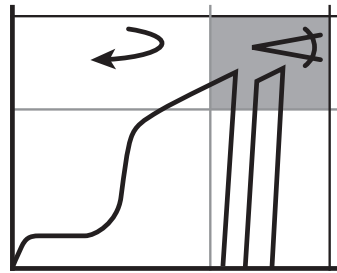


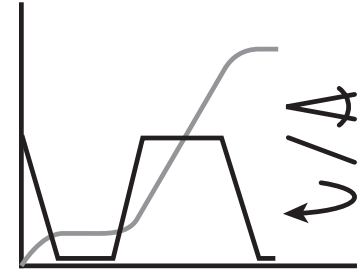
Control Strategies Tailored To Fit Your Applications

Whether your tightening applications require a single strategy for assembly to a target torque level or a series of strategies that can monitor material properties and/ or component position, STANLEY gives you the control you need. Each strategy consists of a complete set of parameters to control and/ or audit torque, angle, time, speed and power. Multiple strategies advance in sequence, invisible to the operator, or pause the tool briefly to manage direction changes, multiple spindle synchronization or relaxation and crosstalk effects.

Example Control Strategies



Torque Recovery overcomes crosstalk on multiple spindles.

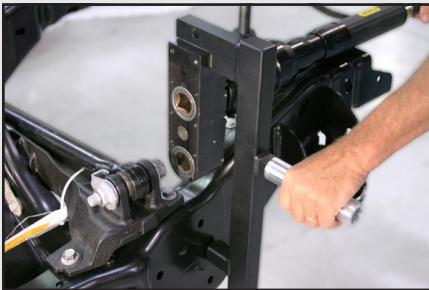


Yield Control strategies sense change in torque versus angle rate.

STANLEY Solutions In Action - Custom Configurations

High-Torque Crowfoot Tools

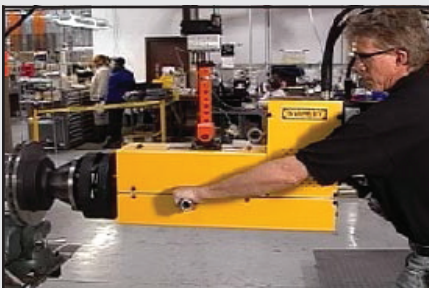
Capacities to 1,800 Nm



- Special tool geometry accesses close clearance fasteners
- Fixturing absorbs torque reaction impulse

Wheel Bearing End-Play

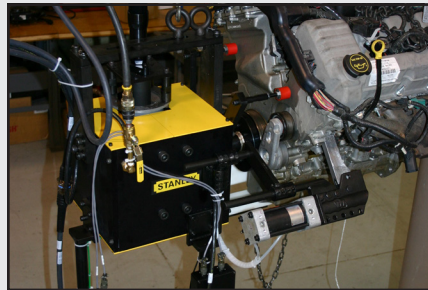
Multi-step strategy achieves end play spec



- Reduces warranty costs with controlled fastening sequence
- Elimination of hand tools improves ergonomics
- Continuous counter clockwise rotation of hub ensures bearing seating

Flywheel Indexer

Secures torque converter to flywheel



- Automatically indexes flywheel for each bolt to be tightened
- Bolt count error proofing ensures quality
- Reduces labor

Shear Bolt

Reactionless tightening of shear bolts



- Cannot overtighten bolts
- Eliminates need for back-up wrench
- Eliminates need for second operator
- Visual inspection: when tip is gone, clamp load is achieved

Articulated Arms & Jibs



- Tool/ product weigh supported, reducing weight handled by operators
- Tools/ loads easier to manipulate
- Absorbs torque reaction to prevent operator strain

Many other custom solutions are available. Contact your STANLEY Engineered Systems expert to discuss the solution that best fits your application.