



KINEFAC®
CORPORATION

TD-41 CNC KINE-TURN
CENTER DRIVE TURNING MACHINE

UNEXCELLED CENTER DRIVE TURNING

FROM BLANKS, FORGINGS, BAR, OR TUBE TO 2 1/2"

TD-41 KINE-TURN - CENTER DRIVE PROVIDES

- SUPERIOR END TO END CONCENTRICITY
- MORE PRECISE AXIAL FEATURE LOCATIONS
- SHORTER TOTAL (TWO END) CYCLE TIME
- MINIMUM PART HANDLING AND LABOR COST
- REDUCED IN-PROCESS INVENTORY



TD-41 KINE-TURN EXTRA! CAPABILITIES

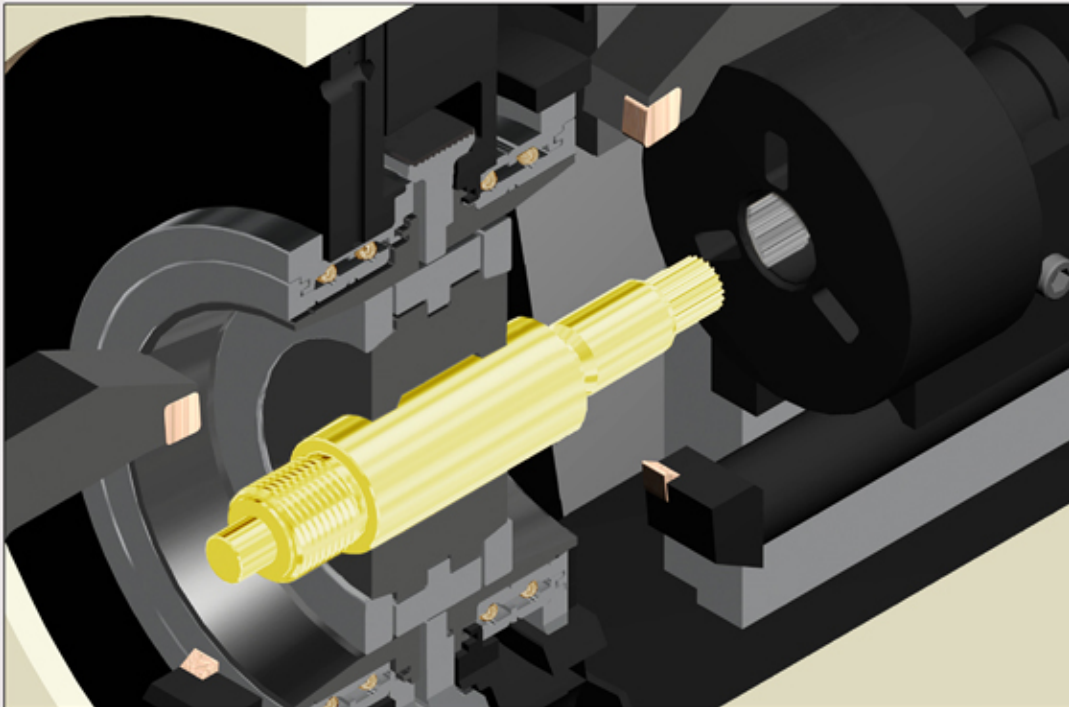
- SPLINE AND THREAD ROLLING
- SINGLE OR TWIN SPINDLE CHUCKING
- SINGLE OR TWIN SPINDLE CENTER DRIVE TURNING
- AUTOMATIC BAR FEED

MAXIMIZES SHAFT TURNING PRODUCTIVITY



KINE-TURN CENTER DRIVE SYSTEM

- 40 HP. DIRECT SPINDLE DRIVE
- SERVO COLLET ACTUATION
- 3" MINIMUM CENTER GRIP LENGTH
- IN CYCLE PART REPOSITIONING
- HIGH STIFFNESS SLIDE SYSTEM
- 7 1/2" I.D. SPINDLE BEARINGS
- QUICK CHANGE 3 PIECE COLLETS
- VERTICAL SLIDE ORIENTATION
- AUTO PART LOAD AND UNLOAD
- FULL WIDTH PNEUMATIC DOOR
- THREE POINT FLOOR MOUNTING
- CLOSED LOOP MACHINE FRAME



CUT AWAY SECTION OF SPINDLE WITH GANG TOOLING SPLINE ROLLING HEAD

TD-41 KINE-TURN SYSTEM EQUIPMENT

- TURRET OR ACTUATED GANG TOOLING
- BAR FEED SYSTEM
- THREE ROLL, SERVO ACTUATED, CENTERING STEADY REST
- EXTENDED LENGTH FRAME FOR LONG PARTS
- CROSS DRILLING AND MILLING
- ELEVATOR HOPPER WITH PART ORIENTATION
- INPUT AND OUTPUT CONVEYORS
- POST PROCESS INSPECTION WITH TOOL ADJUSTMENT