Drilling Kit Test Fixture

UNITED PROVIDES COMPLETE DRILLING TEST FIXTURES WITH COUPONS TO DRILL, REAM, BORE TEST PRIOR TO ACTUAL REPAIR.

A COMMERCIAL SETUP AND TEST FIXTURE

UTK-268002-25 KIT
Complete Drilling Test Fixture with coupons to Drill, Ream, Bore, Countersink, Counterbore and Drill Preliminary Holes prior to the actual repair, modification or retrofit on the actual aircraft, assembly or work piece.

The Test Fixture includes two complete Drill Bars for alignment and clamping of Power Tools. It contains six Toggle Clamps to hold the Test Coupons and two C-Clamps to clamp the coupons firmly to the test bars. Added are Locators, the Chip and Coolant Collection Pan. This specific fixture has twenty Test Coupons to drill, ream, and countersink.

This fixture is provided with two complete Drill Bars of your choice containing Helical Nurlock Liner Bushings. UNITED Helical Nurlock Liners and Adapters Tips are available in all sizes in the 21000, 22000, 23000, 24000, 25000, 26000, 27000, 28000, 29000 and 30000 Series.

The Fixture will hold five drill bars. UNITED will provide on request 5 Bars 21000, 22000, 23000, 24000 and 25000 Series with slipfit sleeves to accommodate all Nurlock Adapter Tip Shank O.D. sizes.

The Fixture shown was mounted vertically and supplied with coupon sandwiches of steel, aluminum, titanium and composite materials.

Call or Fax UNITED for further details.

Drilling Test Fixture is mounted vertically or horizontally. For horizontal, add ‘H’ to Part No.

T4

UNITED Custom Tooling Kits Fit Your Every Requirement!

11-9-97
**Super Power Feed Kit**

**PIGGY BACK MOTOR, COOLANT NOSE PIECES AND ACCESSORIES**

**UTK-268002-15 KIT**

*UNITED* Coolant Nosepieces and Coolant Adapters provide the Piggyback Motor with the ability to Drill, Ream, Countersink and Counterbore. The Nurlock Coolant Adapter Series A11000, A12000, A13000, A14000 and A15000 will accommodate cutting tool diameters from 1/16" thru 1-3/16".

**Case UCC 268002-145 is 24² L x 18² W x 16² H inside.**

**THE UNITED SUPER POWER FEED KIT UTK-268002-15**

**KIT CONTENTS**

1. UCC-268002-132 Drill Motor
2. UDB-731302-1/4 1/2" Chuck Adapter
3. UDB-619405 #2 Morse Taper Adapter
4. UDB-619406 #3 Morse Taper Adapter
5. UDB-849415JC 1/2" Drill Chuck
6. UDB-849121 Chuck Key
7. UDB-615720 Stroke Stop
8. UDB-621235-NCS Nosepiece Assembly
9. UDB-621236-NCS Nosepiece Assembly
10. UDB-621237-NCS Nosepiece Assembly
11. UDB-621238-NCS Nosepiece Assembly
12. UDB-612043-C Nosepiece Assembly
13. UDB-619402-C Nosepiece Assembly
14. UCC-268002-354 Male Air Fitting
15. UCC-268002-145 Case Assembly with Foam
UNITED Spacematic Kit
UTK-268002-20 SPACEMATIC and UDB-755200 HS-2 SENSOR

UTK-268002-20 KIT
With Spacematic Depth Control for Drilling and Reaming, Taper Locks, Countersinking and Counterboring

Typical Set Up for Spacematic Drill Motor with Spacematic Sensor and UNITED’s Coolant Nurlock Adapter Tips and Depth Sensor—Ideal for tapered holes and countersinking. Lightweight and fast!

This proven HS-2E-280-2.0 Drill Motor combined with UNITED Drill Bars assures 90° holes to surface relationships. Ideal for close tolerance depth control within .0005 for clean precise holes. Excellent for Taper Locks, Countersinks, Tapered Fastener Holes and Counterbores.

Included in the Kit are Spanner Wrench and Male Air Fittings.

Call or Fax UNITED for further details.

UNITED Custom Tooling Kits Fit Your Every Requirement!
Adjustable Drill Bars
WITH MULTIPLE TOOL DRILL GUIDES

UTK-268002-19-2 KIT

**UNITED Drill Bars** hold the Power Feed Air Tools securely. The Adjustable Drill Bar Guide Blocks hold and guide Nurlock Adapters from **UNITED’s** 21000 thru 24000 Series Helical Nurlock Liners and Nurlock Adapters.

Drill 90° to the work surface. You are assured perpendicularity and accurate locations.

Attractive aluminum hard blue anodized finish with alloy steel. Liners are black oxide heat treated.

**UNITED’s** Adjustable Drill Bar Guide Blocks support Power Feed Pneumatic Tools.

**UNITED’s** Drill Bar Guide Blocks assure 90° perpendicularity to the surface. Simultaneously the Fixture locates and secures positions for drilling five different small holes with Hand Held Portable Tools.

Specify Lock Liner Series required with each Bar.

**Call or Fax UNITED for further information.**
This Master Power Piggy Back Positive Feed Motor delivers the punch accurately when guided by UNITED’s Super Countersink, Tapered Hole or Counterbored Sensors Series UDB-756171 and UDB-756172.

Diameters and Depths are controlled within .0005.

Included with the Super Sensor and Motor are Jacobs Precision Chuck, Motor to Chuck Adapter, Chuck Key, Stroke Stop, Male Air Fitting, and Spanner Wrench for instant assembly.

This tool will drill 5/8² Taperlocks in addition to the 1² drills in steel, titanium and aluminum. The rugged UNITED precise Sensor will take all this Motor and Cutting Tools can dish out!

UTK-268002-13 KIT

This Drill Motor has the capacity to drill 1-1/4² in Aluminum and 1² in Titanium and Steel. UNITED Sensors UDB-756171 and UDB-756172 will also guide up to 7/8² Groups 1 and 2 Taperlocks. Call or Fax UNITED for further details.
Universal Swivel Fixture

PICKS UP AND ALIGNS HOLES 90 DEGREES TO SURFACE

UTK-268002-19-4 KIT

High Strength Swivels clamp in most locations. Adjustments can be made for alignment, location or clamping. Accuracy is assured when your power feed tools are held securely until precise holes are achieved. Rugged heat treated steel. Black oxide finish.

These rugged 23000 and 24000 Universal Nurlock Adapter Tip Fixtures swivel to control perpendicularity within 90° to your work surface.

Fixtures are 10” long closed and 11-1/2” open by 4” wide and 1-3/4” high. They will accept Swivel Liner Bushings from UNITED’s 21000 to 24000 Series.

Universal Single End Swivel Fixture locates and aligns holes 90° to surface.

Call or Fax UNITED for further details.

RIB-I STACK CASE UCC-268002-203 is 15” L x 10” W x 8” H inside.

11-8-96