utilizing FSI’s performance proven D-700 Hand Hydraulic Tool with Vari-Max™ control, the D-700-365HL Rivetless Nut Plate Installation Tool provides the user a unique, single-action installation capability. The tool is easily adjustable for fastener sleeve length and material thickness. The D-700-365HL has a built-in pressure control valve to regulate the pull force to insure proper installation. Currently available in the most popular 10-32 thread size with the 100° flaring anvil, the tool was recently specified by Hill Air Force Base for use in the F-16 Falcon Star modification program. Field serviceable and weighing in at only 33 oz., the D-700-365HL minimizes wrist effort while providing a reliable and long service life. For ordering information consult your local FSI representative or visit our website at www.fsirivet.com.

Specifications For D-700 Riveter

Stroke: 0.8” (20.3 mm)  
Weight: 1.95 lbs. (884.5 g)

Pulling Force: 4,800 lbs.  
Wrist Effort To 3,000 lb Fastener: 55 lbs.

Overall Height: 6.56” (166.6 mm)  
Overall Width: 2.00” (50.8 mm)  
Retract Actions: Single Pushbutton

Overall Length: 7.5” (190.5 mm)

D-700-365HL is a System Mark of Fastening Systems International, Inc.

MKT-20 1/08
The purpose of the tool is to install a rivetless floating nut plate, which is a common aerospace fastener of 3-piece construction. The nut is made of 1050 carbon steel (A-286) and the sleeve is made of 300 Series CRES steel cadmium plated or passivated. The bracket, or basket is made of carbon steel (17-7Ph CRES steel or A-286 CRES steel) heat treated to spring temper and cadmium plated or passivated. The tool will install the fastener by producing sufficient pull force to fully seat the anti-rotational lobes (located on the sleeve) into the work piece, while at the same time, flaring the stainless steel sleeve to fully captivate the fastener. This installation meets or exceeds push-out, torque-out and tensile requirements of MIL-N-25027 specification covering nut performance.