

The technical drawings illustrate the components and installation of the Frearson Blind Bolt assembly:

- CORE BOLT:** A side view showing a bolt with a 100° (REF.) conical tip, a shank diameter of D DIA., and a thread rolled per MIL-S-8879. Dimensions include (L = GRIP + P₁) ± .010, (See Note 3), T (REF.), A DIA., and H. A cross-sectional view shows the FREARSON RECESS.
- SLEEVE:** A side view showing a sleeve with a 100° (REF.) conical tip, an outer diameter of D₁ DIA., and an inner diameter of B (REF.). Dimensions include (GRIP + B) ± .010, (See Note 2), A₁ DIA., and H₁.
- EXPANDER:** A side view showing an expander with a 100° (REF.) conical tip, an outer diameter of D₂ DIA., and a length of L. It features an ELLIPTICAL SELF-LOCKING ACTION.
- SLEEVE AND EXPANDER ASSEMBLED ON MANDREL, INSERTED INTO WORK:** A side view showing the sleeve and expander assembled on a GUN MANDREL. Dimensions include (B + L) CLEARANCE REQUIRED, 100° (REF.), SLEEVE, and EXPANDER.
- COMPLETE BLIND BOLT ASSEMBLY SHOWING CORE BOLT INSTALLATION:** A side view showing the complete assembly with the core bolt inserted into the sleeve. Dimensions include P₁ PROTRUSION (REF.), D₂ DIA. (REF.), SLEEVE, EXPANDER, and CORE BOLT.

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TITLE							
BLIND BOLT™ ASSEMBLY 100° COUNTERSUNK AN426 HEAD STYLE							
DRAWN	DATE	APPROVED	DATE	REVISION	DATE	DRAWING NUMBER	
<i>Spald</i>	<i>4-22-59</i>	<i>Schwartz</i>	<i>4-22-59</i>		Vargas 2-10-76		