



BN163 BUND NUT ASSEMBLY		BN133 SLEEVE						BB341 EXPANDER				HOLE PREPARATION				PROTEUSION AFTER INSTALLATION	
FIRST DASH NUMBER	FIRST DASH NUMBER	A	B GRIP RANGE D-%	D	H	PART NUMBER	D <sub>2</sub>	L	THREAD	J HOLE DIA.	P	P <sub>1</sub>	D <sub>2</sub>				
-1032	-1032	.5146 .5098	.380	.312 .309	.085 .083	BB341-1032	309	.307	10-32 NC-3B	.319 .313	.697	.350	.410				

GENERAL NOTES	<p><b>BN133 SLEEVE</b></p> <p>1. <b>CONCENTRICITY:</b> Hole to "D" diameter within .005 TIR; "D" diameter to head within .005 TIR.</p> <p>2. "H" is dimensioned from maximum "D" diameter.</p> <p>CODE: First dash number indicates size of bolt to be used. Second dash number indicates mean assembly grip length (thickness of work) in 16ths.</p> <p>EXAMPLE: BN133-1032-4 = Sleeve for 1032 bolt; 1/4 mean assembly grip length.</p>	<p><b>BB341 EXPANDER</b></p> <p>1. Threads per MIL-S-7742</p> <p>CODE: Dash number indicates expander used in assembly.</p> <p>EXAMPLE: BB341-1032 = Expander for 10-32 bolt.</p>	<p><b>BN163 BUND NUT ASSEMBLY</b></p> <p>CODE: First dash number indicates size of bolt to be used. Second dash number indicates mean assembly grip length (thickness of work) in 16ths.</p> <p>EXAMPLE: BN163-1032-4</p> <p>1/4 mean assembly grip length For 1032 bolt.</p> <p>Blind Nut Assembly which includes: BN133 Sleeve and BB341 Expander.</p>
	<p>U.S. PATENT 2,959,999. FOREIGN PATENTS ISSUED AND PENDING. *Trademark.</p>		
MATERIAL	2117 Aluminum Alloy per Spec. MIL-W-7986.	Type 431 stainless steel per MIL-S-853, class 10.	<p>TITLE <b>BLIND NUT ASSEMBLY</b> 100° COUNTERSUNK SPECIAL HEAD STYLE</p>
HEAT TREAT	Heat Treat to T4 Condition per Spec. MIL-H-6088.	125,000 psi shear minimum.	
FINISH	Anodize per Spec. MIL-A-5625.	Cadmium plate per QQ-P-416, Type I, Class 3	
<p>DRAWN DATE APPROVED DATE REVISION DATE DRAWING NUMBER</p> <p>D. G. P. 6-13-61 <i>Mth</i> 6-15-61</p>			<p>BN163</p>

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