



BLIND NUT ASSEMBLY		BN502 SLEEVE							BB341G EXPANDER				HOLE PREPARATION		PROTRUSION AFTER INSTALLATION	
FIRST DASH NUMBER	FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-3/4	B GRIP RANGE 3/4-1 1/4	B GRIP RANGE 1 1/4-1 3/4	D DIA.	H	PART NUMBER	D ₁ DIA.	L	THREAD	J HOLE DIA.	D ₂ DIA.	P ₁		
-440	-440	.229 .224	.210			.169 .167		BB341G-5	.167	.153	4-40UNC-3B	.173 .170	.210	.175		
-632	-632	.278 .273	.280			.218 .216		BB341G-632	.217	.215	6-32UNC-3B	.222 .219	.285	.260		
-832	-832	.317 .312	.315	.330		.257 .255		BB341G-8	.255	.245	8-32UNC-3B	.264 .258	.335	.290		
-1032	-1032	.372 .367	.380	.420	.460	.312 .309		BB341G-1032	.309	.307	10-32UNF-3B	.319 .313	.410	.350		
-428	-428	.450 .445	.450	.450	.450	.390 .387		BB341G-12	.383	.368	1/4-28UNF-3B	.397 .391	.510	.420		
-524	-524	.528 .523	.500	.500	.500	.468 .465		BB341G-14	.458	.429	5/16-24UNF-3B	.477 .469	.600	.470		
-624	-624	.590 .585	.550	.550	.550	.530 .527		BB341G-16	.521	.491	3/8-24UNF-3B	.539 .531	.662	.530		

BN502 SLEEVE

NOTE: 1. Concentricity: Hole to "D" diameter within .005 TIR.
"D" diameter to head within .005 TIR.

MATERIAL: A-286 high temperature alloy per AMS5735.

HEAT TREAT: Anneal.

FINISH: Sandblast.

CODE: First dash number indicates size of bolt to be used.
Second dash number indicates grip length (thickness of work) in 16ths.

EXAMPLE: BN502-428-12 = Sleeve for 1/4-28 bolt, 3/4 grip length.

BB341G EXPANDER

NOTE: 1. Threads per MIL-S-7742.

MATERIAL: Type 431 stainless steel per Spec. QQ-S-763.

HEAT TREAT: 125 ksi shear minimum

FINISH: Silver plate per AMS2410, .0002-.0004 thick, and wax lube.

CODE: Dash number indicates Expander used in assembly.
Letter "G" after part number indicates silver plate.

EXAMPLE: BB341G-12 = Expander for 1/4-28 Bolt.

BN372 BLIND NUT ASSEMBLY

CODE: First dash number indicates size of bolt to be used.
Second dash number indicates grip length (thickness of work) in 16ths.

EXAMPLE: BN372-428-12
└─ 3/4 Grip Length
└─ For 1/4-28 Bolt
└─ Blind Nut Assembly which includes:
 BN502 Sleeve and BB341G Expander

U.S. Patent 2,959,989. Foreign patents issued.

TITLE BLIND NUT ASSEMBLY					
100° COUNTERSUNK SHALLOW HEAD HIGH TEMPERATURE APPLICATION					
DRAWN GARDNER	DATE 9-16-60	APPROVED SCHUSTER	DATE 6-16-60	REVISION 8	DRAWING NUMBER BN372