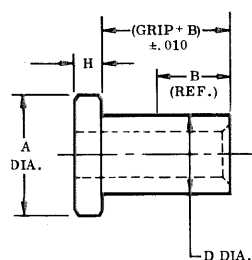
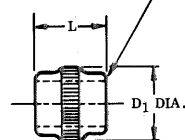


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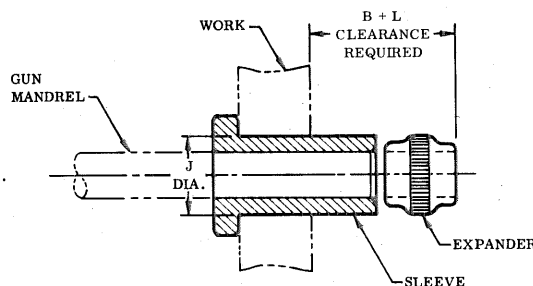
2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



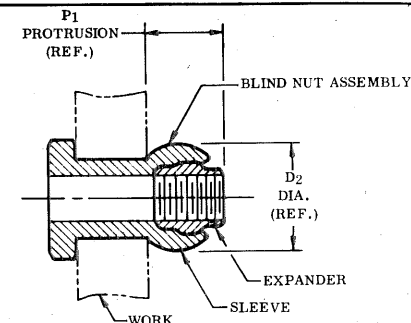
SLEEVE



EXPANDER



SLEEVE AND EXPANDER ASSEMBLED
ON MANDREL, INSERTED INTO WORK,
READY TO SET



COMPLETED BLIND NUT ASSEMBLY

BLIND NUT ASSEMBLY		BN501 SLEEVE							BB341G EXPANDER				HOLE PREPARATION			PROTRUSION AFTER INSTALLATION		
FIRST DASH NUMBER		FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-1/8	B GRIP RANGE 1/8-1/4	B GRIP RANGE 1/4-1/2	D DIA.	H	PART NUMBER	D1 DIA.	L	THREAD	J HOLE DIA.			D2 DIA.	P1	
-440		-440	.294 .274	.210			.169 .167	.055 .045	BB341G-5	.167	.153	4-40UNJC-3B	.173 .170			.210	.175	
-632		-632	.315 .295	.280			.218 .216	.065 .055	BB341G-632	.217	.215	6-32UNJC-3B	.222 .219			.285	.260	
-832		-832	.412 .387	.315	.330		.257 .255	.090 .080	BB341G-8	.255	.245	8-32UNJC-3B	.264 .258			.335	.290	
-1020		-1032	.505	.380	.420	.460	.312	.110	BB341G-1020	.309	.307	10-20UNJC-3B	.319			.410	.350	
-1032			.475				.309	.100	BB341G-1032			10-32UNJF-3B	.313					
-420		-428	.615	.450	.450	.450	.390	.155	BB341G-420	.383	.368	1/4-20UNJC-3B	.397			.510	.420	
-428			.580				.387	.145	BB341G-12			1/4-28UNJF-3B	.391					
-518		-524	.803	.500	.500	.500	.468	.160	BB341G-518	.458	.429	5/16-18UNJC-3B	.475			.600	.470	
-524			.768				.465	.150	BB341G-14			5/16-24UNJF-3B	.469					
-616		-624	.896	.550	.550	.550	.530	.185	BB341G-616	.521	.491	3/8-16UNJC-3B	.539			.662	.530	
-624			.861				.527	.175	BB341G-16			3/8-24UNJF-3B	.531					

BN501 SLEEVE

NOTE: Concentricity: Hole to "D" diameter within .005 TIR;
Head to "D" diameter within .010 TIR.

MATERIAL: A-286 Cres per AMS5731
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: BN501-428-12 = Sleeve for 1/4-28 bolt, 3/4 grip length.

BB341G EXPANDER

NOTE: Threads per MIL-S-8879.

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

HEAT TREAT: 125,000 psi shear minimum.

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

CODE: Dash number indicates Expander used in assembly.
Letter "G" indicates type of finish.

EXAMPLE: BB341G-12 = Expander for 1/4-28 bolt, silver plated.

BN134 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. Letter "G" after basic assembly number indicates type of finish.

EXAMPLE: BN134G-428-12
 3/4 Grip Length
 For 1/4-28 Bolt
 Blind Nut Assembly which includes:
 BN501 Sleeve and BB341G Expander

U.S. Patents 2,789,619; 2,946,208; and 2,959,999.
Foreign patents granted and pending.

TITLE					
BLIND NUT ASSEMBLY					
PROTRUDING HEAD STYLE					
DRAWN Shade 1-30-73	DATE APPROVED Sun 1-30-73	DATE REVISION 2-16-73	DATE	DRAWING NUMBER BN134	

CODE IDENTIFICATION NO. 73197

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BN134