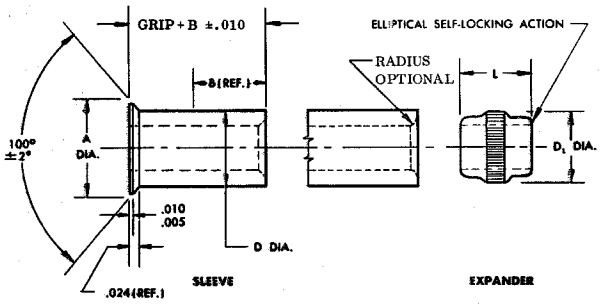
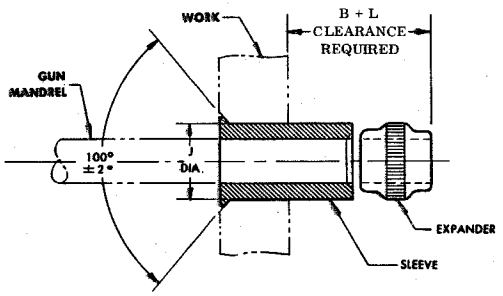
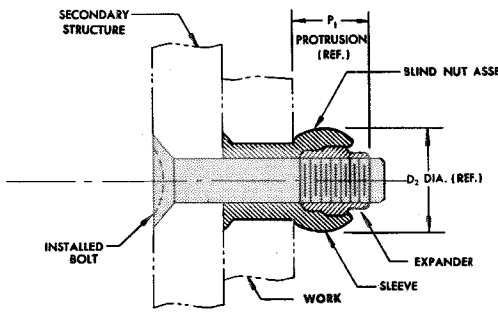
hi-shear CORPORATION
2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110





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



COMPLETED BLIND NUT ASSEMBLY SHOWING SECONDARY STRUCTURE AND INSTALLED BOLT

BLIND NUT ASSEMBLY		BN330 SLEEVE								BB418 EXPANDER					HOLE PREPARATION			PROTRUSION AFTER INSTALLATION		
FIRST DASH NUMBER		FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-5/16	B GRIP RANGE 12/16-11/16		D DIA.			PART NUMBER	D_1 DIA.	L	THREAD		J HOLE DIA.			D_2 DIA.	P_1	
-832		-832	.317 .312	.315	.330		-.257 -.255			BB418-8	.255	-.245	8-32UNJC-3B		.264 .258			.335	.290	

BN330 SLEEVE

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

① MATERIAL: Type 305 stainless steel per QQ-S-763.

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: BN330-832-3 = Sleeve for 8-32 bolt, 3/16 grip length.

BB418 EXPANDER

NOTE: 1. ~~Threads per MIL-S-8879.~~

MATERIAL: Berylco 33-25 per Spec. ~~QQ-C-530.~~

HEAT TREAT: ~~155,000 -175,000 psi tensile.~~

FINISH: Cetyl alcohol.

CODE: Dash number indicates Expander used in assembly.

EXAMPLE: BB418-8 = Expander for 8-32 bolt.

BN543 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:~~ BN543-832-3
- 3/16 Grip Length
- For 8-32 Bolt
- Blind Nut Assembly which includes: BN330 Sleeve and BB418 Expander

"Blind Nut" is a trademark of Hi-Shear Corporation.

TITLE
BLIND NUT™ ASSEMBLY
100° COUNTERSUNK SHALLOW HEAD

DRAWN	DATE	APPROVED	DATE	REVISION	DATE	DRAWING NUMBER
~~KAH~~	2-11-69	[illegible]	10-29-69	① D. P. S.	8-20-91	BN543

BN543

2-1012

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