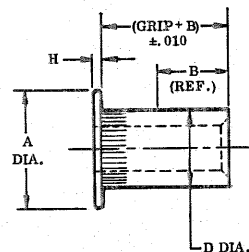


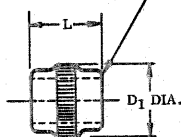
hi-shear
CORPORATION

2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
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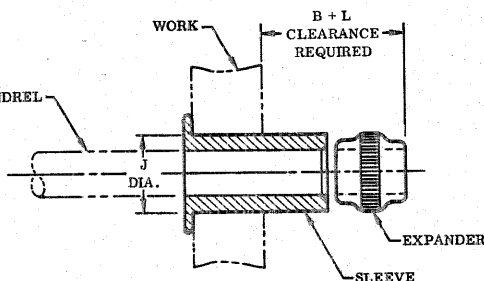
SLEEVE

ELLIPTICAL SELF-LOCKING ACTION

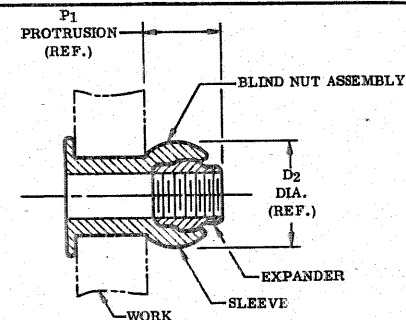


EXPANDER

GUN MANDREL



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



COMPLETED BLIND NUT ASSEMBLY

BN533 BLIND NUT ASSEMBLY		BN534 SLEEVE							BB341 AND BB341G EXPANDER				HOLE PREPARATION			PROTRUSION AFTER INSTALLATION	
FIRST DASH NUMBER		FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-1/4	B GRIP RANGE 1/4-1/2	B GRIP RANGE 1/2-1 1/4	D DIA.	H	PART NUMBER	D1 DIA.	L	THREAD	J HOLE DIA.	P		D2 DIA.	P1
① -440		-440	.240 .220	.210	—	—	.169 .167	.020 .015	BB341-5	.167	.153	4-40UNC-3B	.173 .170			.210	.175
① -632		-632	.315 .295	.280	—	—	.218 .216	.020 .015	BB341-632	.217	.215	6-32UNC-3B	.222 .219			.285	.260
① -832		-832	.380 .360	.315	—	—	.257 .255	.020 .015	BB341-8	.255	.245	8-32UNC-3B	.264 .258			.335	.290
-1032		-1032	.440 .410	.380	.420	.460	.312 .309	.020 .015	BB341-1032	.309	.307	10-32NF-3B	.319 .313			.410	.350
-428		-428	.550 .520	.450	.450	.450	.390 .387	.020 .015	BB341-12	.383	.368	1/4-28UNF-3B	.397 .391			.510	.420

BN534 SLEEVE

GENERAL NOTES: 1. Concentricity: Hole to "D" diameter within .005 TIR;
head to "D" diameter within .010 TIR.

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

① 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: BN534-428-12 = Sleeve for 1/4-28 bolt, 3/4 grip length.

BB341 AND BB341G EXPANDER

GENERAL NOTES: 1. Threads per MIL-S-7742.
2. Letter "G" indicates type of finish.
No letter indicates cadmium plate, Type I.

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

HEAT TREAT: 125,000 psi shear minimum.

FINISH: BB341 = Cadmium plate per QQ-P-416, Type I, Class 3.
BB341G = Silver plate per QQ-S-365, Grade B, .0002-.0005
thick.

CODE: Dash number indicates expander used in assembly.

EXAMPLE: BB341-12 = Expander for 1/4-28 bolt, cadmium plate,
Type I.

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

BN533 AND BN533G 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 expander finish.
No letter indicates expander cadmium plated, Type I.

EXAMPLE: BN533-428-12
3/4 Grip Length
For 1/4-28 Bolt
Blind Nut Assembly which includes:
BN534 Sleeve and BB341 Expander

BN533G-428-12 = As example except with
expander BB341G.

U.S. Patent 2,959,999. Foreign patents issued.

TITLE					
BLIND NUT™ ASSEMBLY					
EXTRA THIN PROTRUDING HEAD STYLE					
DRAWN 8-12-66 Shrode	DATE 8-12-66	APPROVED Shrode	DATE 8/16/66	REVISION ②	DRAWING NUMBER BN533

CODE IDENTIFICATION NO. 73197

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BN533