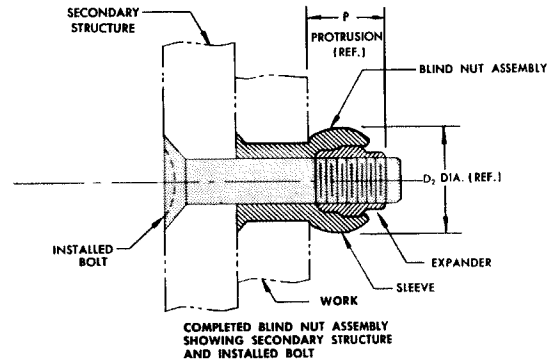
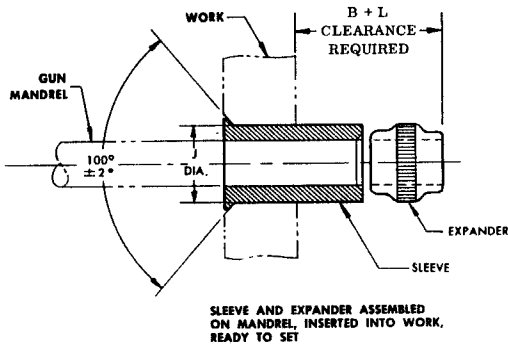
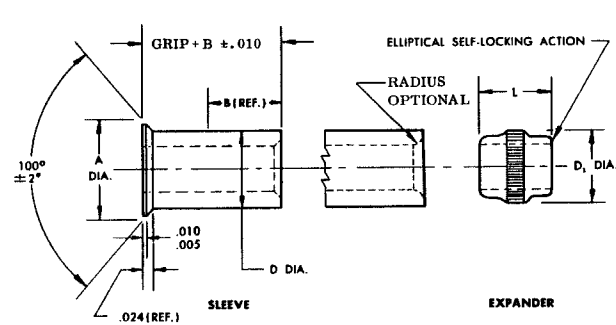


hi-shear
CORPORATION

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



BN566 BLIND NUT ASSEMBLY		BN330 SLEEVE							BB567 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.		PART NUMBER	D1 DIA.	L	THREAD	J HOLE DIA.			D2 DIA.	P
-440		-440	.229 .224	.210			.169 .167		BB567-5	.167	.153	4-40UNJC-3B	.173 .170			.210	.175
-632		-632	.278 .273	.280			.218 .216		BB567-632	.217	.215	6-32UNJC-3B	.222 .219			.285	.260
-832		-832	.317 .312	.315	.330		.257 .255		BB567-8	.255	.245	8-32UNJC-3B	.264 .258			.335	.290
-1032		-1032	.372 .367	.380	.420	.460	.312 .309		BB567-1032	.309	.307	10-32UNJF-3B	.319			.410	.350
-1024									BB567-1024			10-24UNJC-3B	.313				
-428		-428	.450 .445	.450	.450	.450	.390 .387		BB567-12	.383	.368	1/4-28UNJF-3B	.397			.510	.420
-420									BB567-420			1/4-20UNJC-3B	.391				
-524		-524	.528 .523	.500	.500	.500	.468 .465		BB567-14	.458	.429	5/16-24UNJF-3B	.477			.600	.470
-518									BB567-518			5/16-18UNJC-3B	.469				
-624		-624	.590 .585	.550	.550	.550	.530 .527		BB567-16	.521	.491	3/8-24UNJF-3B	.539			.662	.530
-616									BB567-616			3/8-16UNJC-3B	.531				
-720		-720	.652 .647	.600	.600	.600	.592 .589		BB567-720	.585	.552	7/16-20UNJF-3B	.605			.720	.592
-714									BB567-714			7/16-14UNJC-3B	.593				
-820		-820	.714 .709	.650	.650	.650	.654 .651		BB567-820	.643	.614	1/2-20UNJF-3B	.664			.785	.650
-813									BB567-813			1/2-13UNJC-3B	.656				

BB567 EXPANDER

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

MATERIAL: PH13-8Mo stainless steel per AMS5629.

HEAT TREAT: 125,000 psi shear minimum.

① FINISH: Dry film lube per MIL-L-8937, and cetyl alcohol lube per Hi-Shear Spec. 305.

CODE: Dash number indicated Expander used in assembly.

① EXAMPLE: BB567-12 = Expander for 1/4-28 Bolt, dry film lube.

BN330 SLEEVE

NOTE: 1. Concentricity: Hole to "D" diameter within .005 FIR. Head to "D" diameter within .005 FIR.

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

HEAT TREAT: Anneal.

① FINISH: Abrasive clean & passivate.

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

EXAMPLE: BN330-428-12 = Sleeve for 1/4-28 or 1/4-20 bolt, 3/4 grip length.

BN566 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: BN566-428-12
 12 3/4 Grip Length
 For 1/4-28 Bolt
 Blind Nut Assembly which includes:
 BN330 Sleeve and BB567 Expander

U.S. PATENT 2,959,999. FOREIGN PATENTS
 ISSUED AND PENDING.

TITLE 1A BLIND NUT ASSEMBLY 100° FLUSH SHALLOW HEAD (McDONNELL 3M124)			
DRAWN Shrode 6-21-74	DATE APPROVED GS. 7-14-74	DATE REVISION (2)	DATE 3-1-74
DRAWING NUMBER BN566			

CODE IDENTIFICATION NO. 73197

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