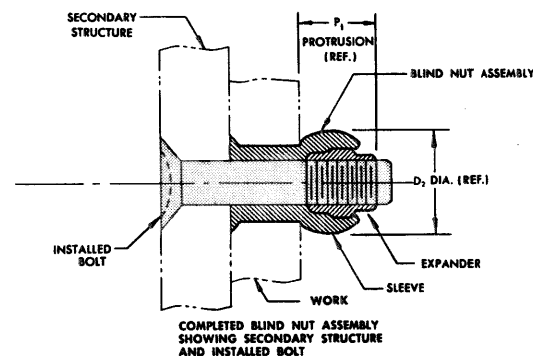
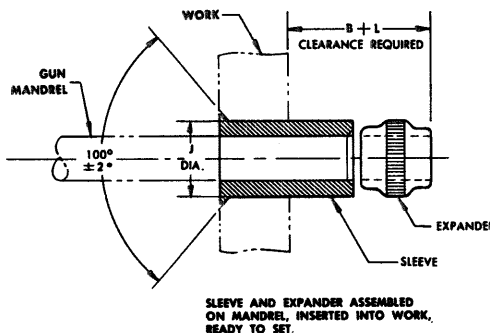
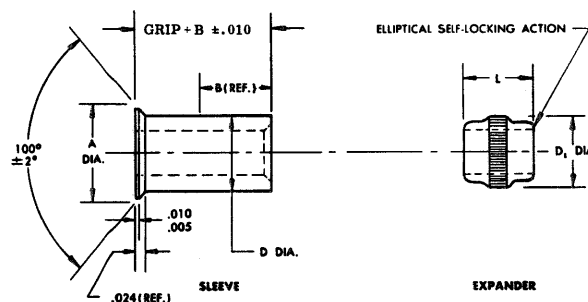


hi-shear
CORPORATION

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



BLIND NUT ASSEMBLY		BN330 SLEEVE						BB566G 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.	PART NUMBER	D1 DIA.	L	THREAD	J HOLE DIA.		D2 DIA.	P1
-440		-440	.229 .224	.210	—	—	.169 .167	BB566G-5	.167	.141	4-40UNJC-3B	.173 .170		.210	.175
-632		-632	.278 .273	.280	—	—	.218 .216	BB566G-632	.217	.180	6-32UNJC-3B	.222 .219		.285	.210
-832		-832	.317 .312	.315	.330	—	.257 .255	BB566G-8	.255	.205	8-32UNJC-3B	.264 .258		.335	.247
-1024		-1032	.372 .367	.380	.420	.460	.312 .309	BB566G-1024	.309	.240	10-24UNJC-3B	.319		.410	.283
								BB566G-1032			10-32UNJF-3B	.313			
-420		-428	.450 .445	.450	.450	.450	.390 .387	BB566G-420	.383	.300	1/4-20UNJC-3B	.397		.510	.343
								BB566G-12			1/4-28UNJF-3B	.391			
-518		-524	.528 .523	.500	.500	.500	.468 .465	BB566G-518	.458	.351	5/16-18UNJC-3B	.477		.600	.395
								BB566G-14			5/16-24UNJF-3B	.469			
-616		-624	.590 .585	.550	.550	.550	.530 .527	BB566G-616	.521	.406	3/8-16UNJC-3B	.539		.662	.450
								BB566G-16			3/8-24UNJF-3B	.531			
-714		-720	.652 .647	.600	.600	.600	.592 .589	BB566G-714	.585	.460	7/16-14UNJC-3B	.601		.720	.503
								BB566G-720			7/16-20UNJF-3B	.593			
-813		-820	.714 .709	.650	.650	.650	.654 .651	BB566G-813	.643	.510	1/2-13UNJC-3B	.664		.785	.555
								BB566G-820			1/2-20UNJF-3B	.656			

BN330 SLEEVE

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

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

BB566G EXPANDER

GENERAL NOTES: 1. Threads per MIL-S-8879.

MATERIAL: A-286 stainless steel alloy per AMS5731.

HEAT TREAT: 110,000 psi shear minimum.

FINISH: Silver plate per AMS 2410, .0002 - .0004 thick.

CODE: Dash number indicates diameter of blind bolt assembly in 32nds.

EXAMPLE: BB566G-5 = 5/32 nominal diameter Blind Nut Assembly using 4-40 Expander.

BN1556G 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: BN1556G-624-12
— 3/4 Grip Length
— For 3/8-24 Bolt
— Blind Nut Assembly which includes:
— BN330 Sleeve and BB566G Expander

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

TITLE					
BLIND NUT ASSEMBLY					
100° COUNTERSUNK SHALLOW HEAD					
DRAWN	DATE	APPROVED	DATE	REVISION	DATE
D. P. S.	9-10-76	<i>[Signature]</i>	9-10-76	2	8-20-91
D. P. S.					BN1556G

CODE IDENTIFICATION NO. 73197

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BN1556G