



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	.380	.420	.460	.312	BB566G-1024	.309	.240	10-24UNJC-3B	.319		.410	.283
-1032	.367		10-32UNJF-3B				.313								
-420		-428	.450	.450	.450	.450	.390	BB566G-420	.383	.300	1/4-20UNJC-3B	.397		.510	.343
-428	.445		BB566G-12				.391				1/4-28UNJF-3B	.391			
-518		-524	.528	.500	.500	.500	.468	BB566G-518	.458	.351	5/16-18UNJC-3B	.477		.600	.395
-524	.523		BB566G-14				.469				5/16-24UNJF-3B	.469			
-616		-624	.590	.550	.550	.550	.530	BB566G-616	.521	.406	3/8-16UNJC-3B	.539		.662	.450
-624	.585		BB566G-16				.531				3/8-24UNJF-3B	.531			
-714		-720	.652	.600	.600	.600	.592	BB566G-714	.585	.460	7/16-14UNJC-3B	.601		.720	.503
-720	.647		BB566G-720				.593				7/16-20UNJF-3B	.593			
-813		-820	.714	.650	.650	.650	.654	BB566G-813	.643	.510	1/2-13UNJC-3B	.664		.785	.555
-820	.709		BB566G-820				.656				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.	DRAWING NUMBER
D. P. S. 9-10-76	<i>Donahue</i> 9-10-76	(2)		8-20-91	BN1556G