



BLIND NUT ASSEMBLY		BN330 SLEEVE						BB500, BB500PB OR BB500G EXPANDER				HOLE PREPARATION		PROTRUSION AFTER INSTALLATION	
FIRST DASH NUMBER		FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-%	B GRIP RANGE 1/4-1/2	B GRIP RANGE 1/2-1%	D DIA.	PART NUMBER	D1 DIA.	L	THREAD	HOLE DIA.		D2 DIA.	P1
-440		-440	.229 .224	.210	---	---	.169 .167	BB500-5	.167	.141	4-40UNJC-3B	.173 .170		.210	.175
-632		-632	.278 .273	.280	---	---	.218 .216	BB500-632	.217	.180	6-32UNJC-3B	.222 .219		.285	.210
-832		-832	.317 .312	.315	.330	---	.257 .255	BB500-8	.255	.205	8-32UNJC-3B	.264 .258		.335	.247
-1032		-1032	.372	.380	.420	.460	.312	BB500-1032	.309	.240	10-32UNJF-3B	.319		.410	.288
-1024		-1024	.367			.309	BB500-1024	10-24UNJC-3B			.313				
-428		-428	.450 .445	.450	.450	.450	.390 .387	BB500-12	.383	.300	1/4-28UNJF-3B	.397		.510	.343
-420		-420				.387	BB500-420	1/4-20UNJC-3B			.391				
-524		-524	.528 .523	.500	.500	.500	.468 .465	BB500-14	.458	.351	5/16-24UNJF-3B	.477		.600	.395
-518		-518				.465	BB500-518	5/16-18UNJC-3B			.469				
-624		-624	.590 .585	.550	.550	.550	.530 .527	BB500-16	.521	.406	3/8-24UNJF-3B	.539		.662	.450
-616		-616				.527	BB500-616	3/8-16UNJC-3B			.531				
-720		-720	.652 .647	.600	.600	.600	.592 .589	BB500-720	.585	.460	7/16-20UNJF-3B	.601		.720	.503
-714		-714				.589	BB500-714	7/16-14UNJC-3B			.593				
-820		-820	.714	.650	.650	.650	.654	BB500-820	.643	.510	1/2-20UNJF-3B	.664		.785	.555
-813		-813	.709			.651	BB500-813	1/2-13UNJC-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:** BN330 = Abrasive clean.
BN330PB = Cadmium plate per QQ-P-416, Type II, Class 2.
- CODE:** First dash number indicates size of bolt to be used. Second dash number indicates grip length (thickness of work) in 16ths. Letters "PB" indicate cadmium plate per QQ-P-416, Type II, Class 2.
- EXAMPLE:** BN330-428-12 = Sleeve for 1/4-28 or 1/4-20 bolt, 3/4 grip length.

BB500, BB500PB OR BB500G EXPANDER

- NOTES:** 1. Threads per MIL-S-8879.
2. Expander length accommodates NAS bolt thread lengths.
- MATERIAL:** Typ 431 stainless steel per Spec. AMS5628.
- HEAT TREAT:** 125,000 psi shear minimum.
- FINISH:** BB500 - Cadmium plate per QQ-P-416, Type I, Class 2.
BB500PB - Cadmium plate per QQ-P-416, Type II, Class 2.
BB500G - Silver plate per AMS2410, .0002-.0004 thick.
- CODE:** Dash number indicates expander used in assembly.
- EXAMPLE:** BB500-12 = Expander for 1/4-28 bolt.

BN1360 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.
- EXAMPLES:** BN1360-428-12
- └─ 3/4 Grip Length
└─ For 1/4-28 Bolt
- Blind Nut Assembly which includes:
BN330 Sleeve and BB500 Expander
- BN1360G-428-12 = Same as above with Expander BB500G.
BN1360PB-428-12 = Same as above with Expander BB500PB.
BN1360PB-428PB-12 = Same as above with Expander BB500PB and Sleeve BN330PB.

BN1360

TITLE							
BLIND NUT™ ASSEMBLY							
100° COUNTERSUNK SHALLOW HEAD							
SHORT EXPANDER							
DRAWN	DATE	APPROVED	DATE	REVISION	DATE	DRAWING NUMBER	
				4		D. P. S. 10-2-91	
						BN1360	

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