



BN359 BLIND NUT ASSEMBLY	BN329 SLEEVE								BB341 EXPANDER				SUGGESTED HOLE PREPARATION		PROTRUSION AFTER INSTALLATION	
FIRST DASH NO.	FIRST DASH NO.	A DIA	B GRIP RANGE 0 - 3/4	B GRIP RANGE 13/16 - 1-1/16	B GRIP RANGE 1 1/8 - 1 5/8	D DIA	H	DASH NO.	D1 DIA REF	L LENGTH	THREAD	J HOLE DIA	P REF	D2 DIA REF	P1 REF	
-832	-832	.3948 .3898	.315	.330	-	.257 .255	.0578 .0558	-8	.255	.245	.1640-32UNJC-3B	.264 .258	.570	.335	.290	
-1024	-1032	.4739	.380	.420	.460	.312	.0679	-1024	.309	.307	.1900-24UNJC-3B	.319	.697	.410	.350	
-1032		.4689				.309	.0659	-1032			.1900-32UNJF-3B	.313				
-420	-428	.5604	.450	.450	.450	.390	.0715	-420	.383	.368	.2500-20UNJC-3B	.397	.828	.510	.420	
-428		.5554				.387	.0695	-12			.2500-28UNJF-3B	.391				
-518	-524	.6680	.500	.500	.500	.468	.0839	-518	.458	.429	.3125-18UNJC-3B	.477	.939	.600	.470	
-524		.6620				.465	.0814	-14			.3125-24UNJF-3B	.469				
-616	-624	.7540	.550	.550	.550	.530	.0940	-616	.521	.491	.3750-16UNJC-3B	.539	1.050	.662	.530	
-624		.7480				.527	.0915	-16			.3750-24UNJF-3B	.531				

BN359 BLIND NUT ASSEMBLY

BN329 SLEEVE

- NOTE:** 1. Concentricity: Hole to "D" diameter within .005 FIR.
Head to "D" diameter within .005 FIR.
2. "H" is dimensioned from maximum "D" diameter.

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

FINISH: BN329-()-() = Abrasive Clean
BN329PB()-() = Cadmium plate per AMS-QQ-P-416,
Type II, Class 2.
BN329DU()-() = Solid Film Lube per AS5272, Type I,
(without plating)

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

EXAMPLE: BN329-428-12 = Sleeve for 1/4-28 or 1/4-20 bolt,
3/4 grip length.

BB341 EXPANDER

- NOTE:** 1. Threads per AS8879.

MATERIAL: Type 431 stainless steel per AMS5628.

HEAT TREAT: 125,000 psi shear minimum.

FINISH: BB341-() = Cadmium plate per AMS-QQ-P-416,
Type I, Class 2.
BB341PB() = Cadmium plate per AMS-QQ-P-416,
Type II, Class 2.
BN341DU() = Solid Film Lube per AS5272, Type I,
(without plating)

CODE: Dash number indicates Expander used in assembly.

EXAMPLE: BB341-12 = Expander for 1/4-28 bolt.

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

EXAMPLE: BN359-428-12

3/4 Grip Length
For 1/4-28 Bolt
Blind Nut Assembly which includes:
BN329 Sleeve and BB341 Expander.

BN359PB428-12 = As example with both Sleeve and
Expander cadmium plated, Type II.
BN359DU428-12 = As example with both Sleeve and
Expander with Solid Film Lube, Type I (without plating).

SPECIFICATION: Product Specification HS396

U.S. Patent 2,959,999. Foreign Patents Issued and Pending			
DRAWN BY J.F.OBISPO	DATE 1955-02-25	TITLE BLIND NUT ASSEMBLY 100° CSK HEAD STYLE	
APPROVED E.E.BEELES	DATE 1955-02-25	DRAWING NUMBER BN359	
REVISION 19	DATE C.CARTOS 2024-04-09	1 OF 1	