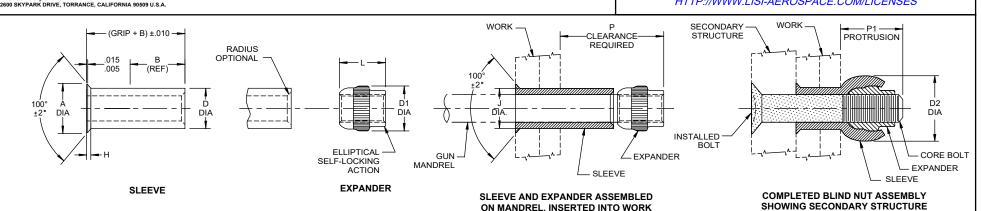
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Design Holder CAGE No. 73197

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**READY TO SET** 

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

## 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: 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:

**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.

AND INSTALLED BOLT

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).

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