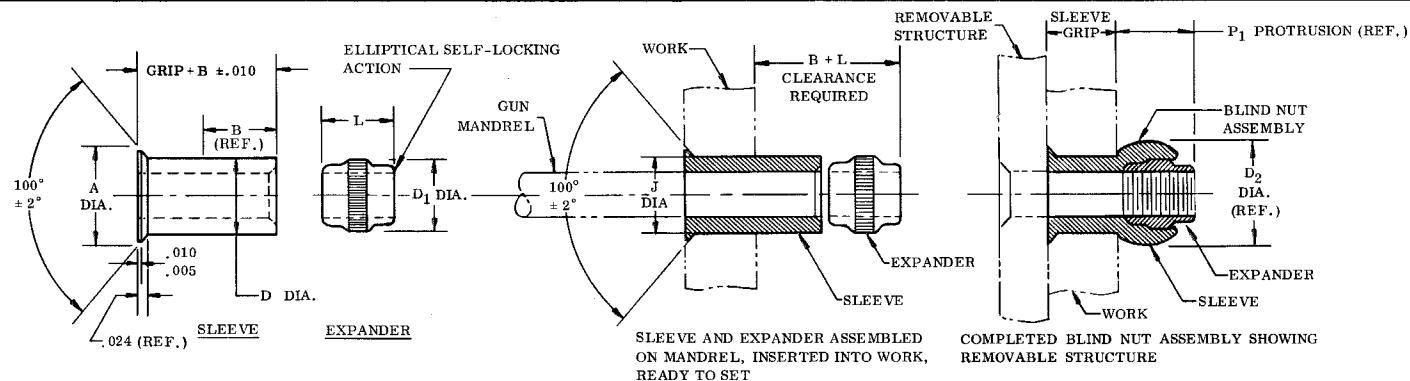


hi-shear
CORPORATION

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



BLIND NUT ASSEMBLY FIRST DASH NO.	BN146 SLEEVE						① BB466 EXPANDER				SUGGESTED HOLE PREPARATION		PROTRUSION AFTER INSTALLATION	
	FIRST DASH NO.	A DIA.	B GRIP RANGE			D DIA.	DASH NO.	D1 DIA.	L	THREAD	J HOLE DIA.		D2 DIA.	P1
			0 - 3/4	13/16 - 1-1/16	1-1/8 - 1-5/8									
													.335	.290
-1032	-1032	.372 .367	.380	.420	.460	.312 .309	-1032	.309	.307	10-32UNJF-3B	.319 .313		.410	.350
-12	-12	.450 .445	.450	.450	.450	.390 .387	-12	.371	.368	1/4-28UNJF-3B	.397 .391		.510	.420
-14	-14	.528 .523	.500	.500	.500	.468 .465	-14	.458	.429	5/16-24UNJF-3B	.477 .469		.600	.470
-16	-16	.590 .585	.550	.550	.550	.530 .527	-16	.521	.491	3/8-24UNJF-3B	.539 .531		.662	.530

BN146 SLEEVE

NOTE: Concentricity: Hole to D1 diameter within .005 FIR.
D1 diameter to head within .005 FIR.

MATERIAL: 99% unalloyed titanium.

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

EXAMPLE: BN146-12-4
1/4 (4/16) Nominal Grip Length
Sleeve for 1/4-28 Bolt

BB466 EXPANDER

NOTE: Threads per MIL-S-8879.

② MATERIAL: 6A1-4V titanium alloy per AMS4967.

FINISH: Ti-Shield III, Hi-Kote 2 solid film lube per Hi-Shear Spec. 292, and cetyl alcohol lube per Hi-Shear Spec. 305.

CODE: Dash number indicates expander used in assembly.

EXAMPLE: BB466-12
Expander for 1/4-28 Bolt

BN562 BLIND NUT ASSEMBLY

CODE: First dash number indicates size of thread.
Second dash number indicates nominal grip length of sleeve (thickness of work) in 16ths.
Third dash number indicates grip length of bolt (sleeve length plus thickness of removable structure).

EXAMPLE: BN562-12-4-8
1/2" Total Grip (1/4" Sleeve Length plus 1/4" Removable Structure)
1/4" Sleeve Grip Length
For 1/4-28 Bolt

TITLE					
BLIND NUT™ ASSEMBLY					
100° COUNTERSUNK SHALLOW HEAD					
DRAWN	DATE	APPROVED	DATE	REVISION	DATE
D. P. S. 11-3-82		tlc		2	9-30-92
DRAWING NUMBER					BN562

CODE IDENTIFICATION NO. 73197

©1984 Hi-Shear Corporation

BN562