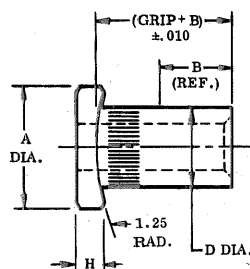


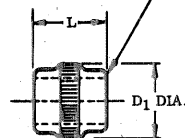
hi-shear
CORPORATION

2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
ARIA CODE 213 • 775-3131 • 324-3110

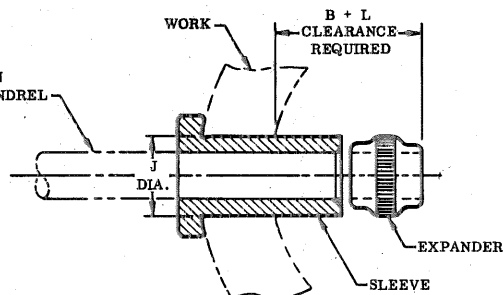


SLEEVE

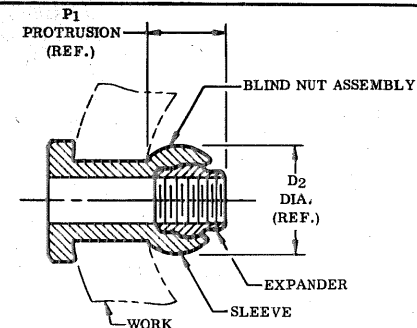
ELLIPTICAL SELF-LOCKING ACTION



EXPANDER



SLEEVE AND EXPANDER ASSEMBLED
ON MANDREL, INSERTED INTO WORK,
READY TO SET



COMPLETED BLIND NUT ASSEMBLY

BN126 BLIND NUT ASSEMBLY		BN129 SLEEVE								BB341 EXPANDER				HOLE PREPARATION		PROTRUSION AFTER INSTALLATION	
FIRST DASH NUMBER		FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-1/4	3 GRIP RANGE 1/4-1 1/2	D DIA.	H			PART NUMBER	D1 DIA.	L	THREAD	J HOLE DIA.		D2 DIA.	P1
-440		-440	.294 .274	.210		.169 .167	.055 .045			BB341-5	.167	.153	4-40UNJC-3B	.173 .170		.210	.175
-632		-632	.315 .295	.280		.218 .216	.065 .055			BB341-632	.217	.215	6-32UNJC-3B	.222 .219		.285	.260
-832		-832	.412 .387	.315	.330	.257 .255	.090 .080			BB341-8	.255	.245	8-32UNJC-3B	.264 .258		.335	.290
-1020		-1032	.505 .475	.380	.420	.312 .309	.110 .100			BB341-1020 BB341-1032	.309	.307	10-20UNJC-3B 10-32UNJF-3B	.319 .313		.410	.350
-420		-428	.615 .580	.450	.450	.390 .387	.155 .145			BB341-420 BB341-12	.383	.368	1/4-20UNJC-3B 1/4-28UNJF-3B	.397 .391		.510	.420
-518		-524	.803 .768	.500	.500	.468 .465	.160 .150			BB341-518 BB341-14	.458	.429	5/16-18UNJC-3B 5/16-24UNJF-3B	.475 .469		.600	.470
-616		-624	.896 .861	.550	.550	.530 .527	.185 .175			BB341-616 BB341-16	.521	.491	3/8-16UNJC-3B 3/8-24UNJF-3B	.539 .531		.662	.530

BN129 SLEEVE

NOTE: Concentricity: Hole to "D" diameter within .005 FIR.
Head to "D" diameter within .010 FIR.

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

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: BN129-428-12 = Sleeve for 1/4-28 bolt, 3/4 grip length.

BB341 EXPANDER

NOTE: Threads per MIL-S-8879.

MATERIAL: Type 431 stainless steel per Spec. QQ-S-763.

HEAT TREAT: 125,000 psi shear minimum.

FINISH: BB341 — Cadmium plate per QQ-P-416, Type I, Class 3.

CODE: Dash number indicates Expander used in assembly.

EXAMPLE: BB341-12 — Expander for 1/4-28 bolt, cadmium plate, Type I.

BN126 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: BN126-428-12
 3/4 Grip Length
 For 1/4-28 Bolt
 Blind Nut Assembly which includes:
 BN129 Sleeve and BB341 Expander

U.S. PATENT 2,959,999. FOREIGN PATENTS
ISSUED AND PENDING.

TITLE					
BLIND NUT™ ASSEMBLY					
LIFE LINE STANCION					
DRAWN	DATE	APPROVED	DATE	REVISION	DATE
Shroder	10-7-71	J.M.	10-7-71		
DRAWING NUMBER					BN126