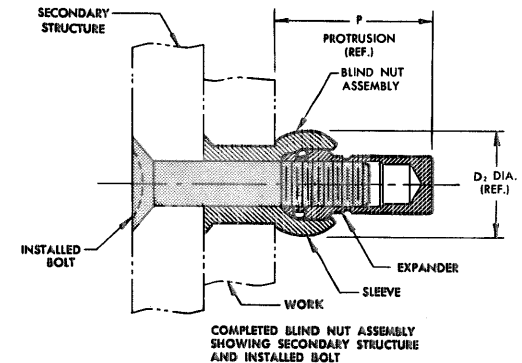
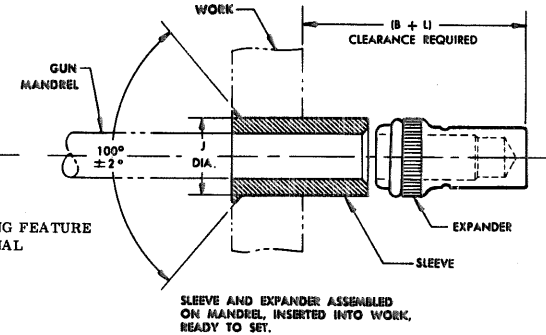
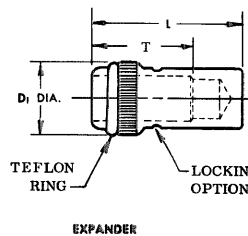
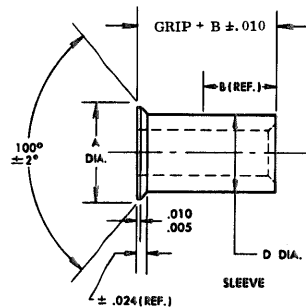




2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



BN141 BLIND NUT ASSEMBLY		BN330 SLEEVE					TEFLON RING	BB144 EXPANDER					HOLE PREPARATION			PROTRUSION AFTER INSTALLATION		
FIRST DASH NUMBER		FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-3/8	B GRIP RANGE 3/8-1/2	B GRIP RANGE 1/2-1 1/8	D DIA.	PART NUMBER	PART NUMBER	D ₁ DIA.	L	THREAD	T (REF)	J HOLE DIA.			D ₁ DIA.	P
-632		-632	.278 .273	.280			.218 .216	425019-6	BB144-632	.217	.610	6-32UNJC-3B	.39	.222 .219			.285	.655
-832		-832	.317 .312	.315	.330		.257 .255	425019-8	BB144-832	.255	.650	8-32UNJC-3B	.43	.264 .258			.335	.695
-1024		-1032	.372 .367	.380	.420	.460	.312 .309	425019-10	BB144-1024	.309	.830	10-24UNJC-3B	.47	.319 .313			.410	.870
-1032		-1032	.372 .367	.380	.420	.460	.312 .309		BB144-1032	.309	.710	10-32UNJF-3B	.47	.319 .313			.410	.750
-420		-428	.450 .445	.450	.450	.450	.390 .387	425019-12	BB144-420	.383	.980	1/4-20UNJC-3B	.61	.397 .391			.510	1.030
-428		-428	.450 .445	.450	.450	.450	.390 .387		BB144-12	.383	.950	1/4-28UNJF-3B	.61	.397 .391			.510	1.000
-518		-524	.528 .523	.500	.500	.500	.468 .465	425019-14	BB144-518	.458	1.100	5/16-18UNJC-3B	.68	.477 .469			.600	1.140
-524		-524	.528 .523	.500	.500	.500	.468 .465		BB144-14	.458	1.010	5/16-24UNJF-3B	.68	.477 .469			.600	1.050
-616		-624	.590 .585	.550	.550	.550	.530 .527	425019-16	BB144-616	.521	1.170	3/8-16UNJC-3B	.73	.539 .531			.662	1.210
-624		-624	.590 .585	.550	.550	.550	.530 .527		BB144-16	.521	1.070	3/8-24UNJF-3B	.73	.539 .531			.662	1.110

BN330 SLEEVE

NOTE: 1. Concentricity: Hole to "D" diameter within .005 TIR.
"D" diameter to head within .005 TIR.

① MATERIAL: Type 305 stainless steel per QQ-S-763.

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

EXAMPLE: BN330-624-12 = Sleeve for 3/8-24 bolt, 3/4 grip length.

BB144 EXPANDER

NOTE: 1. Threads per MIL-S-8879.

MATERIAL: Type 431 stainless steel per Spec. AMS628.

HEAT TREAT: 125,000 psi shear minimum.

FINISH: Cadmium plate per QQ-P-416, Type I, Class 3, and
cetyl alcohol lube per HI-Shear Spec. 305.

CODE: Dash number indicates expander used in assembly.
Letters "LK" after part number indicate expander with
locking feature.

EXAMPLE: BB144-16 = Expander for 3/8-24 bolt.
BB144LK-16 = Expander with locking feature for 3/8-24 bolt.
BB144-616 = Expander for 3/8-16 bolt.

BN141 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: BN141-624-12
└─ 3/4 Grip Length
└─ For 3/8-24 Bolt
└─ Blind Nut Assembly which includes:
BN330 Sleeve and BB144 Expander
BN141LK-624-12 = As above except with locking
type expander.

TITLE							
BLIND NUT™ ASSEMBLY							
100° COUNTERSUNK SHALLOW HEAD SEALING TYPE DOME END							
DRAWN	DATE	APPROVAL	DATE	REVISION	DATE	D. P. S.	DRAWING NUMBER
Shrode 10-26-79		DeVernon 10-26-79		①			BN141
CODE IDENTIFICATION NO. 73197				©1991, Hi-Shear Corporation			

"Blind Nut" is a trademark of Hi-Shear Corporation.