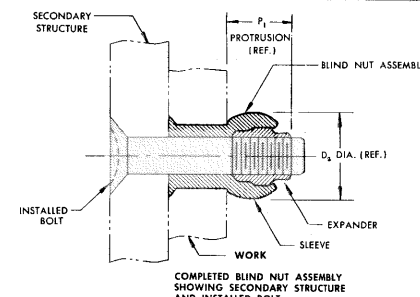
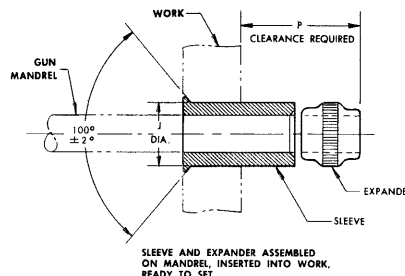
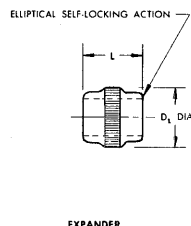
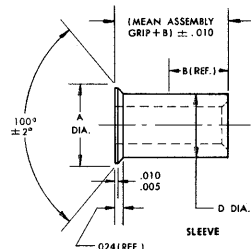


hi-shear
CORPORATION

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



BN372P BLIND NUT ASSEMBLY		BN502P SLEEVE						BB341G EXPANDER				HOLE PREPARATION				PROTRUSION AFTER INSTALLATION							
FIRST DASH NUMBER		FIRST DASH NUMBER	A	S GRIP RANGE 0-1/4	S GRIP RANGE 1/4-1 1/4	S GRIP RANGE 1 1/4-2 1/4	D	PART NUMBER	D ₁	L	THREAD	J HOLE DIA.			P	P ₁	D ₁						
-440		-440	.229 .224	.210	.225		.169 .167	BB341G-5	.167	.153	4-40 NC-3B	.173 .170			.373	.175	.210						
-632		-632	.278 .273	.280	.295	.350	.218 .216	BB341G-632	.217	.215	6-32 NC-3B	.222 .219			.505	.260	.285						
-832		-832	.317 .312	.315	.330	.370	.257 .255	BB341G-8	.255	.245	8-32 NC-3B	.264 .258			.570	.290	.335						
-1032		-1032	.372 .367	.380	.420	.460	.312 .309	BB341G-1032	.309	.307	10-32 NF-3B	.319 .313			.697	.350	.410						
-428		-428	.450 .445	.450	.450	.450	.390 .387	BB341G-12	.388	.368	1/4-28 UNF-3B	.397 .391			.828	.420	.510						
-524		-524	.528 .523	.500	.500	.500	.468 .465	BB341G-14	.458	.429	5/16-24 UNF-3B	.477 .469			.939	.470	.600						
-624		-624	.590 .585	.550	.550	.550	.530 .527	BB341G-16	.521	.491	3/8-24 UNF-3B	.539 .531			1.050	.530	.662						
GENERAL NOTES		BN502P SLEEVE						BB341G EXPANDER				BN372P BLIND NUT ASSEMBLY				U.S. PATENT 2,959,999. FOREIGN PATENTS ISSUED AND PENDING. *Trademark							
		1. Concentricity: Hole to "D" diameter within .005 TIR; "D" diameter to head within .005 TIR. ① 2. -440 size has no countersink on sleeve end. CODE: First dash number indicates size of bolt to be used. Second dash number indicates mean assembly grip length (thickness of work) in 16ths. "P" after part number indicates cadmium plating. EXAMPLE: BN502P-428-12 = Sleeve for 1/4-28 bolt, 3/4 mean assembly grip length.						1. Threads per MIL-S-7742 CODE: Dash number indicates expander used in assembly. EXAMPLE: BB341G-12 = Expander for 1/4-28 Bolt └ Silver Plate				CODE: First dash number indicates size of bolt to be used. Second dash number indicates mean assembly grip length (thickness of work) in 16ths. EXAMPLE: BN372P-428-12 └└ 3/4 mean assembly grip length └└ For 1/4 - 28 Bolt └ Blind Nut Assembly which includes: BN502P Sleeve and BB341G Expander											
		MATERIAL						Type A-286 meeting composition limits of the AMS specifications.				Type 431 stainless steel per Spec. QQ-S-763											
		HEAT TREAT						Heat treated to meet the requirements of AMS5736.				125,000 psi shear minimum.											
FINISH		Cadmium plate per QQ-P-416, Type I, Class 3.						Silver plate per QQ-S-365, Grade B, .0002-.0004 thick.				TITLE BLIND NUT* ASSEMBLY 100° COUNTERSUNK SHALLOW HEAD A286 Alloy				DRAWN MARTIN		DATE 8-5-63	APPROVED E. J. [Signature]	DATE 11-2-70	REVISION ④	AHS 11-2-70	DRAWING NUMBER BN372P

BN372P