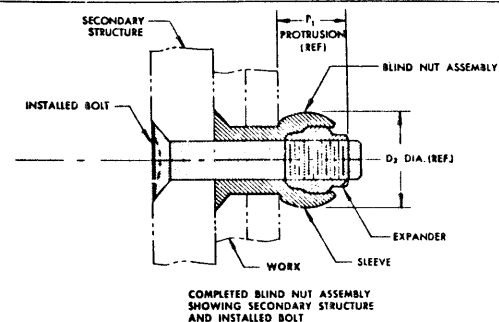
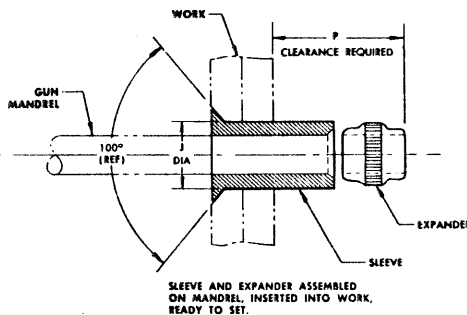
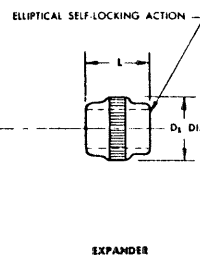
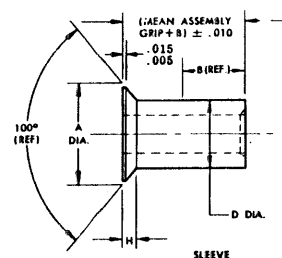


hi-shear
CORPORATION

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



BN514 BLIND NUT ASSEMBLY		BN329 SLEEVE							BB341G EXPANDER				HOLE PREPARATION					PROTRUSION AFTER INSTALLATION	
FIRST DASH NUMBER		FIRST DASH NUMBER	A	B GRIP RANGE 0 %	B GRIP RANGE 1/16	B GRIP RANGE 1/8		D	H	PART NUMBER	D ₁	L	THREAD	J HOLE DIA.			P	P ₁	D ₂
-832		-832	.395 .390	.315	.330	.370		.257 .255	.0578 .0558	BB341G-8	.255	.245	8-21 NC-3B	.264 .258			.570	.290	.335
-1032		-1032	.474 .469	.380	.420	.460		.312 .309	.0679 .0659	BB341G-1032	.309	.307	10-32 NC-3B	.319 .313			.697	.350	.410
-428		-428	.560 .555	.450	.450	.450		.390 .387	.0715 .0695	BB341G-12	.383	.368	1/4-28 UNF-3B	.397 .391			.828	.420	.510
-524		-524	.668 .662	.500	.500	.500		.468 .465	.0839 .0814	BB341G-14	.458	.429	5/16-24UNF-3L	.477 .469			.939	.470	.600
-624		-624	.754 .748	.550	.550	.550		.530 .527	.0940 .0915	BB341G-16	.521	.491	3/8-24 UNF-3B	.539 .531			1.050	.530	.662
GENERAL NOTES		BN329 SLEEVE							BB341G EXPANDER				BN514 BLIND NUT ASSEMBLY					CODE: First dash number indicates size of bolt to be used. Second dash number indicates mean assembly grip length (thickness of work) in 16ths.	
		1. CONCENTRICITY: Hole to "D" diameter within .005 TIR; "D" diameter to head within .005 TIR.							1. Threads per MIL-S-7742				EXAMPLE: BN514-624-12 └─ 3/4 mean assembly grip length └─ For 3/8-24 bolt └─ Blind Nut Assembly which includes: BN329 Sleeve and BB341G Expander						
		2. "H" is dimensioned from maximum "D" diameter.							CODE: Dash number indicates expander used in assembly.				U.S. PATENT 2,959,999. FOREIGN PATENTS ISSUED AND PENDING. *Trademark.						
		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: BB341G-12 = Silver plated expander for 1/4-28 bolt.										
		EXAMPLE: BN329-624-12 = Sleeve for 3/8-24 bolt; 3/4 mean assembly grip length.																	
MATERIAL		Type 305 Stainless Steel per QQ-S-763.							Type 431 stainless steel per QQ-S-763				TITLE BLIND NUT ASSEMBLY 100° COUNTERSUNK HEAD STYLE						
HEAT TREAT									125,000 psi shear minimum										
FINISH									① Silver plate per QQ-S-365, Grade B, .0002-.0004 thick.				DRAWN 3r/ej DATE 1-22-64 APPROVED [Signature] DATE 1-29-64 REVISION ① DATE 6-16-66 DRAWING NUMBER BN514						