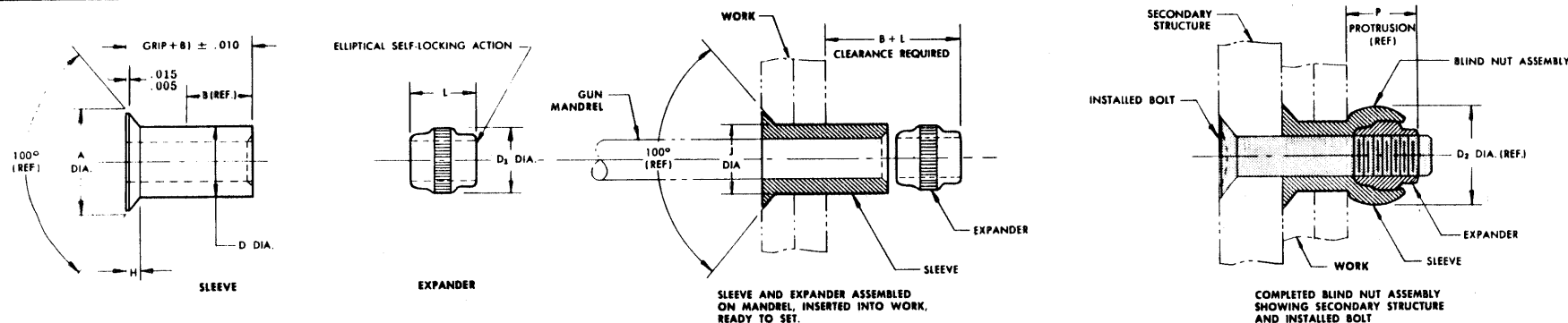




2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326 8110



BN520 BLIND NUT ASSEMBLY		BN329 SLEEVE							① BB415 EXPANDER				HOLE PREPARATION			PROTRUSION AFTER INSTALLATION	
FIRST DASH NUMBER		FIRST DASH NUMBER	A DIA.	B GRIP RANGE 0-3/4	B GRIP RANGE 1 1/2-1 3/4	B GRIP RANGE 1 3/4-1 1/2	D DIA.	H	PART NUMBER	D1 DIA.	L	THREAD	J HOLE DIA.			D2 DIA.	P
-832		-832	.3948 .3898	.315	.330	.370	.257 .255	.0578 .0558	BB415-8	.255	.245	8-32UNJC-3B	.264 .258			.335	.290
-1032		-1032	.4739 .4689	.380	.420	.460	.312 .309	.0679 .0659	BB415-1032	.309	.307	10-32UNJF-3B	.319 .313			.410	.350
-428		-428	.5604 .5554	.450	.450	.450	.390 .387	.0715 .0695	BB415-12	.383	.368	1/4-28UNJF-3B	.397 .391			.510	.420
-524		-524	.6680 .6620	.500	.500	.500	.468 .465	.0839 .0814	BB415-14	.458	.429	5/16-24UNJF-3B	.477 .469			.600	.470
-624		-624	.7540 .7480	.550	.550	.550	.530 .527	.0940 .0915	BB415-16	.521	.491	3/8-24UNJF-3B	.539 .531			.662	.530

BN329 SLEEVE

GENERAL NOTES: 1. Concentricity: Hole to "D" diameter within .005 TIR;
"D" diameter to head within .005 TIR.
2. "H" is dimensioned from maximum "D" diameter.

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: BN329-428-12 = Sleeve for 1/4-28 bolt, 3/4 grip length.

① BB415 EXPANDER

GENERAL NOTES: 1. Threads per MIL-S-8879.

① MATERIAL: A-286 alloy per AMS5731.

HEAT TREAT: 110,000 psi shear minimum.

① FINISH: BB415 — Solid film lube.
BB415GA — Silver plate per AMS2411.

CODE: Dash number indicates expander used in assembly.

① EXAMPLE: BB415-12 = Expander for 1/4-28 bolt.
BB415GA-12 = Expander for 1/4-28 bolt, silver plated.

BN520 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.

① EXAMPLE: BN520-428-12
└─ 3/4 Grip Length
└─ For 1/4-28 Bolt
└─ Blind Nut Assembly which includes:
BN329 Sleeve and BB415 Expander

BN520GA-428-12 = Same as above except with BB415GA Expander.

U.S. Patent 2,959,999. Foreign patents issued and pending.

TITLE						
BLIND NUT™ ASSEMBLY						
100° COUNTERSUNK HEAD STYLE						
DRAWN	DATE	APPROVAL	DATE	REVISION	DATE	DRAWING NUMBER
Brlej	6-29-65	[Signature]	9-12-65	3	Shrode 10-21-71	BN520