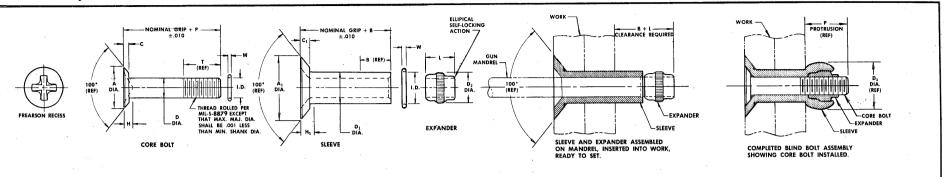


2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509 AREA CODE 213 · 775-3181 · 326-8110



BLIND BOLT ASSEMBLY		BB306 CORE BOLT												BB333 SLEEVE												7 EXPA	NDER	SUGGESTED HOLE PREPARATION		PROTRUSION AFTER INSTALLATION	
FIRST		FIRST	FREARSON RECESS	A DIA.	D DIA.	н	С	T (REF)		O-RING DATA		DATA	FIRST		В	В	В				O-RING DATA		DATA	DACH			-		CORE POLT		
DASH NUMBER	DIAMETER	ER NUMBER							THREAD	I.D.	w	PART NUMBER	FIRST DASH NUMBER	Aı DIA.	GRIP RANGE 0-3/4	GRIP RANGE 13/16-11/16	RANGE 11%-1%	C <sub>1</sub>	D <sub>1</sub> DIA.	H <sub>1</sub>	I.D.	w	PART NUMBER	DASH NUMBER	D <sub>2</sub> DIA.	(LENGTH)	THREAD	HOLE DIA.	CORE BOLT	P	D <sub>3</sub>
-8	1/4	-8	#6	. 3304 . 3256	.1650 .1630	.069	.0340	. 397	8-32UNJC-3A	. 151	.023		ı	.5066 .5018	. 315	. 330	. 370	.0695 .0675	. 257 . 254	.105	. 244	.027	425005-8	-8	. 255	. 245	8-32UNJC-3B	. 264 . 258	20 30 IN. LBS.	. 316	.335
-10	5/16	-10	#8	. 4454 . 4406	.2180 .2160	. 095	. 0592	.498	12-28UNJF-3A	.215	.027	② 425007-6	-10	.6335 .6287		.400	. 420	.0800 .0780	. 338 . 335	.124	.306 .296	.037	425005-10	-10	. 328	. 307	12-28UNJF-3B	. 345 . 339	50 80 IN. LBS,	. 414	.438
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### BB306 CORE BOLT

GENERAL NOTES: 1. Concentricity: Head to "D" diameter within .005 TIR.

- 2. Complete threads shall begin within two thread pitches maximum. Two thread pitch maximum may consist of incomplete thread and extrusion angle.
- 3. "H" is dimensioned from maximum "D" diameter.
- 4. O-ring is assembled onto core bolt.
- 5. See BB166 Bolt Assembly for shortest grip length available.

MATERIAL: Type 431 stainless steel per Spec. AMS5628 and MIL-S-18732. O-ring: Synthetic rubber per Spec. MIL-R-6855, Grade 60,

Class I, II and III (combined).

HEAT TREAT: 125,000 psi shear minimum.

First dash number of core bolt indicates sleeve nominal diameter in 32nds. Second dash number indicates mean

assembly grip length (thickness of work) in 16ths.

EXAMPLE: BB306-8-12 = 8-32 Core Bolt for 1/4 nominal diameter sleeve, 3/4 mean assembly grip length.

## BB333 SLEEVE

- GENERAL NOTES: 1. Concentricity: Hole to "D1" diameter within .005 FIR. Head to "D1" diameter within .005 FIR.
  - 2. "H1" is dimensioned from maximum "D1" diameter.
  - 3. G-ring is assembled onto sleeve.
  - 4. See BB362 Bolt Assembly for shortest grip length

available.

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

O-ring: Synthetic rubber per Spec. MIL-R-6855, Grade 60, Class I, II and III (combined).

CODE: First dash number indicates nominal diameter of sleeve in 32nds. Second dash number indicates mean assembly grip length (thickness of work) in 16ths.

EXAMPLE: BB333-8-12 = 1/4 nominal diameter sleeve, 3/4 mean assembly grip length.

# BB567 EXPANDER

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

MATERIAL: PH13-8Mo stainless steel per AMS5629.

HEAT TREAT: 125,000 psi shear minimum. Dry film lube per MIL-L-8937 and cetyl alcohol FINISH:

lube per Hi-Shear Spec. 305.

CODE: Dash number indicates Expander used in assembly. EXAMPLE: BB567-10 = Expander for 12-28 bolt, dry film lube.

### BB166 BOLT ASSEMBLY

CODE: First dash number indicates nominal diameter of Blind Bolt Assembly in 32nds. Second dash number indicates mean assembly grip length (thickness of work) in 16ths.

EXAMPLE: BB166-8-12

-3/4 Mean Assembly Grip Length -1/4 Nominal Diameter Blind Bolt Assembly Blind Bolt Assembly which includes: BB306 Core Bolt, BB333 Sleeve, and

BB567 Expander

Shortest grip lengths available are: BB166-8-3 -10-3

TITLE

### BLIND BOLT™ ASSEMBLY

SEALING TYPE 100° COUNTERSUNK MS24694 HEAD STYLE FREARSON RECESS

DATE REVISION DATE DRAWING NUMBER 8,31-73 D. P.S. 8-30-73 Simdissin 2 D. P. S. 10-27-82 **BB166**