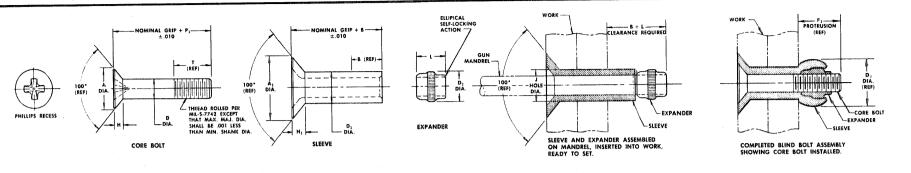


2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509 AREA CODE 213 . 775-3181 . 326-8110



BLIND	EOLT	BB301 CORE BOLT									BB435 SLEEVE								BB341 EXPANDER				SUGGESTED HOLE PREPARATION		PROTRUSION AFTER INSTALLATION	
	NOMINAL DIAMETER	FIRST DASH NUMBER	RECESS	A DIA.	D DIA.	н	P <sub>1</sub>	T (REF)	THREAD	FIRST DASH NUMBER	A <sub>1</sub> DIA.	E GRIP RANGE 0-3/4	E GRIP RANGE 13/16-71/16			D <sub>1</sub> DIA.	н	DASH NUMBER	D <sub>2</sub> DIÅ.	L (LENGTH)	THREAD	J HOLE DIA.	CORE BOLT INSTALLATION TORQUE	P <sub>1</sub>	D <sub>3</sub> DIÅ. (REF)	
-5	5/32	-5	Phillips #1	. 2274	.1120	. 048	.208	. 274	4-40NC-3A	-5	. 2844 . 2794	. 210	. 225			. 169 . 166	. 0488 . 0467	-5	. 167	. 153	4-40UNC-3B	. 173 . 170	8 IN. LBS.	. 208	. 210	
-6	3/16	-6	Phillips			.053	. 239	. 304	5-40NC-3A	-6	. 3536 . 3486	. 250	. 265			. 196 . 193	. 0660 . 0640	-6	. 194	. 184	5-40UNC-3B	.201 .197	10 IN. LBS. 14	. 239	. 253	
-8	1/4	-8	#1 Phillips #2		. 1650	.069	. 316	. 397	8-32UNJC-3A	8	. 4732 . 4682	. 315	. 330			. 257 . 254	.0940 .0890	-8	. 255	. 245	8-32UNC-3B	. 264 . 258	20 IN. LBS. 30	. 316	. 335	
-10	5/16	-10	Hi- Torque #3	. 4454		. 095	.414	. 498	12-28UNJF-3A	-10	. 5619 . 5569	. 380	. 400			. 338 . 335	. 0980 . 0930		. 328	. 307	12-28UN F-3B	. 345 . 339	50 IN. LBS. 80	. 414	. 438	
			#3																							
-																										

BB301 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. MATERIAL: Type 431 stainless steel per Spec. QQ-S-763.

HEAT TREAT: 125,000 psi shear minimum. CODE: 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: BB301-5-12 = 4-40 core bolt for 5/32 nominal diameter sleeve, 3/4 mean assembly grip length.

BB435 SLEEVE

GENERAL NOTES: 1. Concentricity: Hole to "D1" diameter within .005 TIR; "D1" diameter to head within .005 TIR.

2. "H1" is dimensioned from maximum "D1" diameter.

MATERIAL: Aluminum 2017. HEAT TREAT: Annealed.

FINISH: Anodize.

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

grip length (thickness of work) in 16ths.

EXAMPLE: BB435-5-12 = 5/32 nominal diameter sleeve, 3/4 mean

assembly grip length.

BB341 EXPANDER

GENERAL NOTES: 1. Threads per MIL-S-7742.

MATERIAL: Type 431 stainless steel per Spec. QQ-S-763.

HEAT TREAT: 125,000 psi shear minimum.

Cadmium plate per QQ-P-416, Type I, Class 3. FINISH:

CODE: Dash number indicates diameter of Blind Bolt Assembly

EXAMPLE: BB341-5 = 5/32 nominal diameter Blind Bolt Assembly using 4-40 Expander.

BB382 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: BB436-5-12 \_\_\_ 3/4 Mean Assembly Grip Length \_5/32 Nominal Diameter Blind Bolt Assembly

Blind Bolt Assembly which includes: BB301 Core Bolt, BB435 Sleeve, and BB341 Expander

U.S. Patents 2,959,999; 2,677,985. Foreign patents issued and pending. "Hi-Torque" trademark.

BLIND BOLT™ ASSEMBLY

100° COUNTERSUNK AN426 HEAD STYLE

VED DATE REVISION DATE DRAWING NUMBER DATE APPROVED 6-1-71 & Sum assen

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