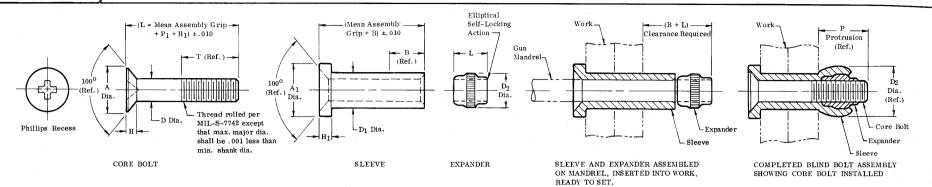
2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509 AREA CODE 213 . 775-3181 . 326-8110



BLIND BOLT ASSEMBLY		BB312 CORE BOLT							BB164 SLEEVE						BB415GA EXPANDER				SUGGESTED HOLE PREPARATION		PROTRUSION AFTER INSTALLATION				
FIRST DASH NUMBER	NOMINAL DIAMETER	FIRST DASH NUMBER	RECESS	A DIA.	D DIA.	H	P ₁	T (REF)	THREAD	FIRST DASH NUMBER	A ₁ DIA.	B GRIP RANGE 0-3/4	B GRIP RANGE 13/16-11/16	B GRIP RANGE 11%-15%	B GRIP RANGE 111/16-21/4	D ₁ DIA.	н	DASH NUMBER	D ₂ DIA.	L (LENGTH)	THREAD	HOLE DIA.	CORE BOLT INSTALLATION TORQUE	P	D ₃ DIA. (REF)
																						0_			
-6	3/16	-6	Phillips #1	.2514			. 239	.304	5-40NC-3A	-6	.315 .295	. 250	. 265	. 330		.228 .231	.065	-6	. 194	. 184	5-40NC-3B	.236	10 14 IN. LBS.	. 239	.260
											·														
					1.4												-								
				-																					

BB312 CORE BOLT

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

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.

HEAT TREAT:

MATERIAL: A-286 alloy per AMS5731 or AMS5735. 95,000 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: BB312-6-12 = 3/16 nominal sleeve diameter, 3/4 mean

assembly grip length.

BB164 SLEEVE

GENERAL NOTES: 1. Concentricity: Hole to "D" diameter within .005 FIR. Head to "D1" diameter within .010 FIR.

MATERIAL: A-286 alloy per AMS5731. HEAT TREAT: Anneal per AMS5736.

CODE: First dash number indicates nominal diameter of sleeve in 32nds for which the BB164 is the 1/32nd oversized replace-

ment. Second dash number indicates mean assembly grip

length (thickness of work) in 16ths.

EXAMPLE: BB164-6-12 = 3/16 nominal sleeve diameter, 3/4 mean assembly grip length.

BB415GA EXPANDER

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

MATERIAL: A-286 alloy per AMS5731 or AMS5735.

HEAT TREAT: 110,000 psi shear minimum.

FINISH:

Silver plate per AMS2411, .0002-.0004 thick. CODE · Dash number indicates nominal diameter of Blind Bolt

Assembly in 32nds.

EXAMPLE: BB415GA-6 3/16 nominal diameter Blind Bolt Assembly.

BB392 BLIND BOLT ASSEMBLY

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: BB392-6-12

3/4 Mean Assembly Grip Length - 3/16 Nominal Diameter Blind Bolt Assembly

Blind Bolt Assembly which includes: BB312 Core Bolt, BB164 Sleeve, and BB415GA Expander

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

BLIND BOLT™ ASSEMBLY

PROTRUDING HEAD STYLE A-286 ALLOY

ı	DRAWN DAT	E APPROVED	DATE	REVISION	DATE	DRAWING NUMB
1	D. P. S.	DWO			D. P. S.	
ı	7-27-78	ANZ	128	\cup	10-2-78	DDJJZ