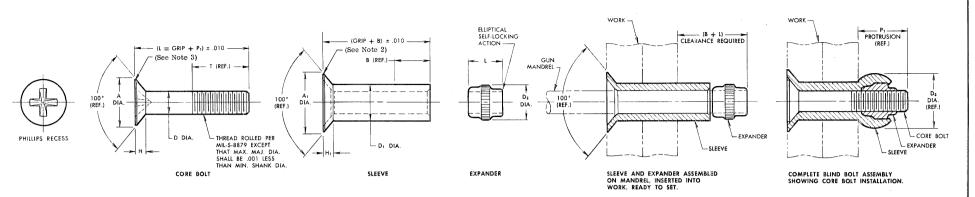
2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509 AREA CODE 213 · 775-3181 · 326-8110



BLINE ASSE	BOLT	BB311 CORE BOLT				BB332 SLEEVE								BB341G EXPANDER				SUGGESTED HOLE PREPARATION		PROTRUSION AFTER INSTALLATION					
FIRST DASH NUMBER	NOMINAL DIAMETER	FIRST DASH NUMBER	RECESS	A DIA.	D DIA.	н	P ₁	T (REF)	THREAD	FIRST DASH NUMBER	A ₁ DIA.	B GRIP RANGE 0-3/4	B GRIP RANGE 13/16-11/16			D ₁ DIA.	н	DASH NUMBER	D ₂ DIĀ.	L (LENGTH)	THREAD	J HOLE DIA.	CORE BOLT INSTALLATION TORQUE	Pi	D ₃ DIA. (REF)
-5	5/32	-5	Phillips #1	. 2274	.1120 .1100		. 208	. 274	4-40UNJC-3A	-5	. 2844 . 2794	.210	. 225			.169 .166	.0488	-5	. 167	.153	4-40UNJC-3B	.173 .170	8 IN. LBS.	. 208	. 210
-6	3/16	-6	Phillips #1	. 2514	.1240 .1220		. 239	.304	5-40UNJC-3A	-6	.3536 .3486	. 250	.265			.196 .193	.066 .064	-6	. 194	.184	5-40UNJC-3B	.201 .197	10 IN. LBS.	. 239	. 253
																			-						

BB311	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. Curved or flat edge manufacturer's option.

MATERIAL: A-286 alloy

HEAT TREAT:

95,000 psi shear minimum.

FINISH:

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: BB311-5-12 = 4-40 core bolt for 5/32 nominal diameter sleeve, 3/4 mean assembly grip length.

BB332 SLEEVE

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

Head to "D1" diameter within .005 FIR.

2. Curved or flat edge manufacturer's option. A-286 alloy

MATERIAL: HEAT TREAT: Anneal

FINISH:

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: BB332-5-12 = Sleeve, 5/32 nominal diameter, 3/4 mean

assembly grip length.

BB341G EXPANDER

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

MATERIAL: Type 431 corrosion-resistant steel per Spec. AMS5628. HEAT TREAT: 125,000 psi shear minimum.

FINISH: Silver plate per AMS2410 (.0002-.0004 thick) and wax lubricant.

Dash number indicates diameter of Blind Bolt assembly

in 32nds.

EXAMPLE: BB341G-5 = 4-40 expander for 5/32 nominal diameter

Blind Bolt assembly.

BB381 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: BB381-5-12

___3/4 Mean Assembly Grip Length - 5/32 Nominal Diameter Blind Bolt Assembly

Blind Bolt Assembly which includes:

BB311 Core Bolt, BB332 Sleeve, and BB341G

Expander

(3) Editorially Updated

U.S. Patent 2.959.999. Foreign patents issued.

BLIND BOLT" ASSEMBLY 100° COUNTERSUNK AN426 HEAD STYLE

(3)

BB381 12-13-74

Shrode