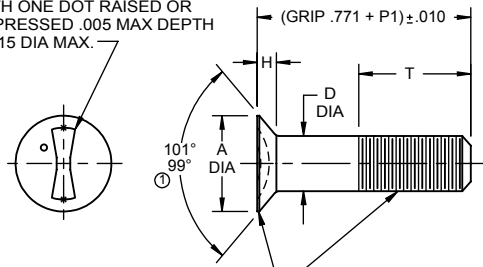
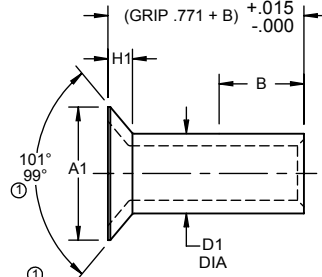


HI-TORQUE RECESS. IDENTIFY
 WITH ONE DOT RAISED OR
 DEPRESSED .005 MAX DEPTH
 x .015 DIA MAX.

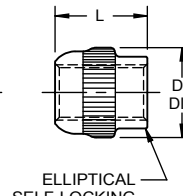


CORE BOLT

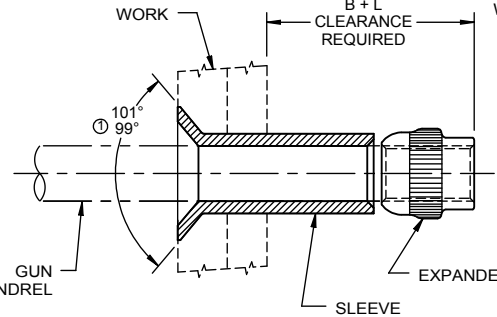
THREAD ROLLED PER AS8879,
 EXCEPT THAT MAX MAJOR DIA
 SHALL BE .001 LESS THAN MIN.
 SHANK DIAMETER.



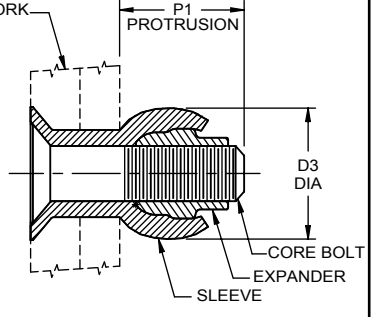
SLEEVE



EXPANDER



**SLEEVE AND EXPANDER ASSEMBLED
 ON MANDREL, INSERTED INTO WORK
 READY TO SET.**



**COMPLETED BLIND BOLT ASSEMBLY
 SHOWING CORE BOLT INSTALLED**

BLIND BOLT ASSEMBLY			BB626 CORE BOLT								BB627 SLEEVE					BB341 EXPANDER				SUGGESTED HOLE PREPARATION		PROTRUSION AFTER INSTALLATION		INSTALLATION PRESSURE (psi) USING HI-SHEAR TOOLING	
FIRST DASH NO.	NOM. DIA. NO.	MIN. GRIP	FIRST DASH NO.	RECESS NO.	A DIA	D DIA	H	P1 REF	T REF	THREAD	FIRST DASH NO.	A1 DIA	B REF	D1 DIA	H1	DASH NO.	D2 DIA REF	L LENGTH	THREAD	HOLE DIA	CORE BOLT INSTALLATION TORQUE IN-LBS.	P1 REF	D3 DIA REF	BG1750	BG2500
16	1/2	4	16	6	.7604 .7556	.3740 .3720	.162 .160	.600	.685	.3750-24 UNJF-3A	16	1.0139 1.0068	.550	.530 .527	2030 2000	16	.521	.491	.3750-24 UNJF-3A	.539 .531	400 380	.600	.662	-	2250

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BB626 CORE BOLT

- NOTE:** 1. Concentricity: Head to "D" diameter within .005 FIM.
 2. Complete thread shall begin within two thread pitches maximum which may consist of incomplete thread and extrusion angle.
 3. "H" is dimensioned from maximum "D" diameter.
 [4] Curved or flat edge, manufacturer's option.

MATERIAL: Type AISI 431 stainless steel.

HEAT TREAT: 125,000 psi shear minimum.

FINISH: BB626-()-() = Passivate.

CODE: First dash number of core bolt indicates sleeve nominal diameter in 32nds.
 Second dash number indicates nominal grip length of .771 inch.

EXAMPLE: BB626-16-12 = 3/8-24 core bolt for 1/2 nominal diameter sleeve, .771 nominal grip length.

BB627 SLEEVE

- NOTE:** 1. Concentricity: Hole to "D1" diameter within .005 FIM.
 Head to "D1" diameter within .005 FIM.
 2. "H1" is dimensioned from maximum "D1" diameter.

MATERIAL: Type CRES: 305 per AMS-QQ-S-763, 302 HQ, or 18-9 LW (ASTM A-493).

FINISH: BB627-16-.771 = Passivate.

CODE: First dash number indicates nominal diameter of sleeve in 32nds.
 Second dash number indicates grip length of .771 inch.

EXAMPLE: BB627-16-12 = 1/2 nominal diameter sleeve, grip length of .771 ± .031.

BB341 EXPANDER

NOTE: Threads per AS8879.

MATERIAL: Type AISI 431 stainless steel.

HEAT TREAT: 125,000 psi shear minimum.

FINISH: BB341-12 = Cadmium plate per AMS-QQ-P-416, Type I, Class 2, and cetyl alcohol lube.

CODE: Dash number indicates diameter of Blind Bolt Assembly in 32nds.

EXAMPLE: BB341-16 = 3/8-24 Expander for use with 1/2 nominal diameter Blind Bolt Assembly.

BB625 BLIND BOLT ASSEMBLY

CODE: First dash number indicates nominal diameter of Blind Bolt Assembly in 32nds.
 Second dash number indicates grip length.

EXAMPLE: BB625-16-.771

Nominal Grip Length
 For 3/8-24 Bolt
 Blind Bolt Assembly which includes:
 BB626 Core Bolt, BB627 Sleeve, and
 BB341 Expander.

BB IS A TRADEMARK OF HI-SHEAR CORPORATION			
DRAWN BY J.F.OBISPO	DATE 2004-02-24	TITLE BLIND BOLT ASSEMBLY 100° COUNTERSUNK HEAD STYLE (SPECIAL GRIP)	
APPROVED E.E.BEELES	DATE 2004-02-06		
REVISION ①	DATE F.CARINGELLA 2019-07-18	DRAWING NUMBER BB625	