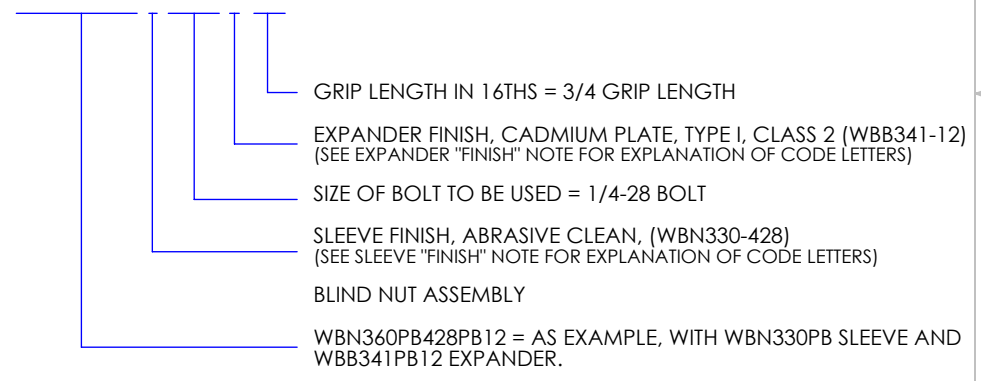


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DATE	SYM	REVISION RECORD	DR	CHK	APP
3/17/2020	A	REMOVED "REF" FROM "D" DIA	BEJ	DW	DW
3/17/2020	B	UPDATED ±.005 IN SOLIDWORKS 2009	BEJ	DW	DW

BLIND NUT ASSEMBLY		WBN330 SLEEVE						WBB341 EXPANDER				SUGGESTED HOLE PREPARATION	PROTRUSION AFTER INSTALLATION	
FIRST DASH NO.	FIRST DASH NO.	A DIA. (REF)	A1 DIA. ±.005	B GRIP RANGE 0 - 3/4	B GRIP RANGE 13/16 - 1-1/16	B GRIP RANGE 1-1/8 - 1-5/8	D DIA. (REF)	PART NUMBER	D1 DIA.	L LENGTH ±.005	THREAD	J HOLE DIA.	D2 DIA. (REF)	P1 (REF)
440	440	.229	.209	.210	-	-	.169	WBB341-5	.167	.153	4 -40 UNJC - 3B	.173	.210	.175
		.224	.209	.210	-	-	.167					.170		
632	632	.278	.258	.280	-	-	.218	WBB341-632	.217	.215	6 - 32 UNJC - 3B	.222	.285	.260
		.273	.258	.280	-	-	.216					.219		
832	832	.317	.283	.315	.330	-	.257	WBB341-8	.255	.245	8 - 32 UNJC - 3B	.264	.335	.290
		.312	.283	.315	.330	-	.255					.258		
1032	1032	.372	.348	.380	.420	.460	.312	WBB341-1032	.309	.307	10 - 32 UNJF - 3B	.319	.410	.350
		.367	.348	.380	.420	.460	.309	WBB341-1024			10 - 24 UNJC - 3B	.313		
428	428	.450	.430	.450	.450	.450	.390	WBB341-12	.383	.368	1/4 - 28 UNJF - 3B	.397	.510	.420
		.445	.430	.450	.450	.450	.387	WBB341-420			1/4 - 20 UNJC - 3B	.391		
524	524	.528	.508	.500	.500	.500	.468	WBB341-14	.458	.429	5/16 - 24 UNJF - 3B	.477	.600	.470
		.523	.508	.500	.500	.500	.465	WBB341-518			5/16 - 18 UNJC - 3B	.469		
624	624	.590	.562	.550	.550	.550	.530	WBB341-16	.521	.491	3/8 - 24 UNJF - 3B	.539	.662	.530
		.585	.562	.550	.550	.550	.527	WBB341-616			3/8 - 16 UNJC - 3B	.531		
720	720	.652	.632	.600	.600	.600	.592	WBB341-720	.585	.552	7/16 - 20 UNJF - 3B	.601	.720	.592
		.647	.632	.600	.600	.600	.589	WBB341-714			7/16 - 14 UNJC - 3B	.593		
820	820	.714	.694	.650	.650	.650	.654	WBB341-820	.643	.614	1/2 - 20 UNJF - 3B	.664	.785	.650
		.709	.694	.650	.650	.650	.651	WBB341-813			1/2 - 13 UNJC - 3B	.656		

WBN360 BLIND NUT ASSEMBLY
 EXAMPLE: WBN360 - 428 - 12



WBN330 SLEEVE
 NOTES: 1. CONCENTRICITY - HOLE TO "D" DIAMETER WITHIN .005". HEAD TO "D" DIAMETER WITHIN .005".
 2. "A" DIMENSION REFERENCE TO THEORETICAL KNIFE POINT.
 MATERIAL: 304L/305 STAINLESS STEEL PER AMS-QQ-S-763.
 FINISH: WBN330-()-() = ABRASIVE CLEANING AND PASSIVATION PER ASTM-A-967.
 WBN330PB()-() = CADMIUM PLATE PER SAE-AMS-QQ-P-416, TYPE II, CLASS 2.
 CODE: FIRST DASH INDICATES SIZE OF BOLT TO BE USED. SECOND DASH NUMBER INDICATES GRIP LENGTH (THICKNESS OF WORK) IN 16ths. SEE "FINISH" NOTE FOR EXPLANATION OF CODE LETTERS.
 EXAMPLE: WBN330-428-12 = SLEEVE FOR 1/4-28 OR 1/4-20 BOLT, 3/4 GRIP LENGTH.

WBB341 EXPANDER
 NOTE: 1. THREADS PER AS8879.
 MATERIAL: TYPE AISI 431 STAINLESS STEEL PER AMS5628.
 HEAT TREAT: 125,000 PSI TENSILE MINIMUM.
 FINISH: WBB341-() = CADMIUM PLATE PER SAE-AMS-QQ-P-416, TYPE I, CLASS 2 AND CETYL ALCOHOL LUBE PER PS3040.
 WBB341DU() = SOLID FILM LUBE PER AS5272, TYPE I.
 WBB341G() = SILVER PLATE PER AMS2410 (.0002-.0004 THICK) AND CETYL ALCOHOL LUBE PER PS3040.
 WBB341GU() = SILVER PLATE PER AMS2410 (.0002-.0004 THICK), NO LUBE.
 WBB341PB() = CADMIUM PLATE PER SAE-AMS-QQ-P-416, TYPE II, CLASS 2 AND CETYL ALCOHOL LUBE PER PS3040.
 WBB341PV() = CADMIUM PLATE PER SAE-AMS-QQ-P-416, TYPE II, CLASS 2, SOLID FILM LUBE PER AS5272, TYPE I, AND CETYL ALCOHOL LUBE PER PS3040.
 WBB341TF() = HI-KOTE 2 SOLID FILM LUBE PER HI-SHEAR SPEC 292.
 CODE: DASH NUMBER INDICATES EXPANDER USED IN ASSEMBLY. SEE "FINISH" NOTE FOR EXPLANATION OF CODE LETTERS.
 EXAMPLE: WBB341-12 = EXPANDER FOR 1/4 BOLT

TECH DATA SHEET



TITLE: **BLIND NUT ASSEMBLY**
 100° COUNTERSUNK SHALLOW HEAD

SIZE B	DWG. NO. WBN360	REV B
SCALE: NONE		SHEET 1 OF 1

CAGE: 0JHK5	NAME	DATE
DRAWN	D.WITTEN	3/29/2019
CHECKED	K.LATIMER	3/29/2019
ENG APP	D.WITTEN	3/29/2019
COMMENTS:		
SOLIDWORKS STANDARD 2009 SP4.1		
THIRD ANGLE PROJECTION		