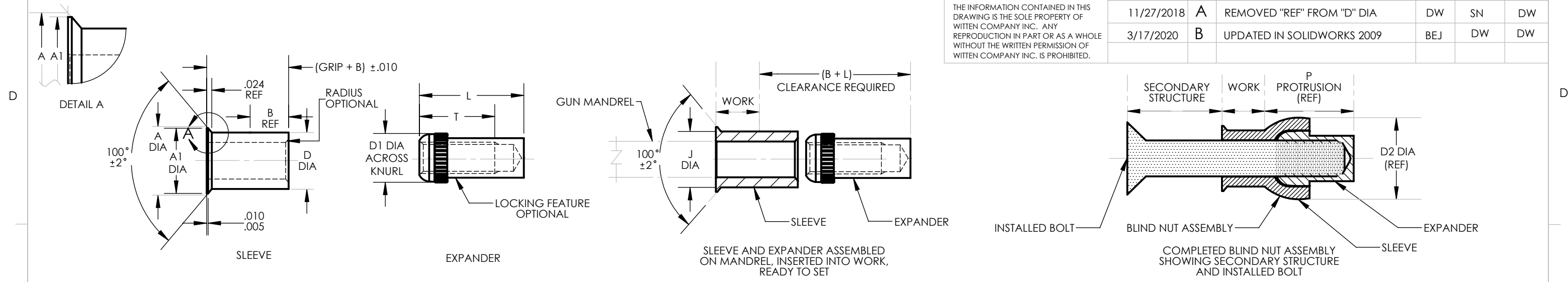
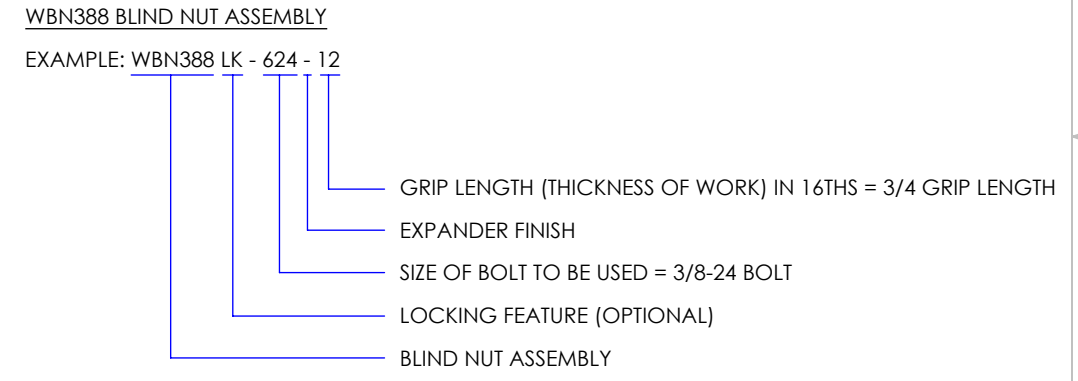


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	11/27/2018	A	REMOVED "REF" FROM "D" DIA	DW	SN	DW
	3/17/2020	B	UPDATED IN SOLIDWORKS 2009	BEJ	DW	DW



WBN388 BLIND NUT ASSEMBLY		WBN330 SLEEVE						WBB348 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	THREAD	T (REF)	J HOLE DIA.	D2 DIA. (REF)	P (REF)
632	632	.278	.258	.280	-	-	.218	WBB348-632	.217	.610	6 - 32 UNJC - 3B	.39	.222	.285	.655
832	832	.317	.283	.315	.330	-	.257	WBB348-832	.255	.650	8 - 32 UNJC - 3B	.43	.264	.335	.695
1032	1032	.372	.348	.380	.420	.460	.312	WBB348-1032	.309	.710	10 - 32 UNJF - 3B	.47	.319	.410	.750
1024		.367	.309	.830	10 - 24 UNJC - 3B	.313	.870								
428	428	.450	.430	.450	.450	.450	.390	WBB348-12	.383	.950	1/4 - 28 UNJF - 3B	.61	.397	.510	1.000
420		.445	.387	.980	1/4 - 20 UNJC - 3B	.391	1.030								
524	524	.528	.508	.500	.500	.500	.468	WBB348-14	.458	1.010	5/16 - 24 UNJF - 3B	.68	.477	.600	1.050
518		.523	.465	1.100	5/16 - 18 UNJC - 3B	.469	1.140								
624	624	.590	.562	.550	.550	.550	.530	WBB348-16	.521	1.070	3/8 - 24 UNJF - 3B	.73	.539	.662	1.110
616		.585	.527	1.170	3/8 - 16 UNJC - 3B	.531	1.210								



**WBN330 SLEEVE**  
 NOTE: 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.  
 CODE: FIRST DASH INDICATES SIZE OF BOLT TO BE USED. SECOND DASH NUMBER INDICATES GRIP LENGTH (THICKNESS OF WORK) IN 16ths.  
 EXAMPLE: WBN330-624-12 = SLEEVE FOR 3/8-24 BOLT, 3/4 GRIP LENGTH.

**WBB348 EXPANDER**  
 NOTE: THREADS PER AS8879.  
 MATERIAL: TYPE 431 STAINLESS STEEL PER AMS5628.  
 HEAT TREAT: 125,000 PSI TENSILE MINIMUM.  
 FINISH: WBB348-( ) = CADMIUM PLATE PER SAE-AMS-QQ-P-416, TYPE I, CLASS 3  
 WBB348-( )PB = CADMIUM PLATE PER SAE-AMS-QQ-P-416, TYPE II, CLASS 2  
 WBB348-( )TF = HI-KOTE 2 SOLID FILM LUBE PER HI-SHEAR SPEC 292.  
 CODE: DASH NUMBER INDICATES EXPANDER USED IN ASSEMBLY. LETTERS "LK" AFTER PART NUMBER INDICATE EXPANDER WITH LOCKING FEATURE.  
 EXAMPLE: WBB348-16 = EXPANDER FOR 3/8-24 BOLT WITH CADMIUM PLATE PER SAE-AMS-QQ-P-416, TYPE I, CLASS 3 FINISH, NO LOCK.  
 WBB348LK-16TF = EXPANDER FOR 3/8-24 BOLT WITH LOCKING FEATURE AND HI-KOTE 2 FINISH.

CODE: FIRST DASH NUMBER INDICATES SIZE OF BOLT TO BE USED. SECOND DASH NUMBER INDICATES GRIP LENGTH (THICKNESS OF WORK) IN 16ths.

# TECH DATA SHEET



CAGE: 0JHK5	NAME	DATE
DRAWN	T.WITTEN	6/4/2018
CHECKED	D.WITTEN	6/4/2018
ENG APP	D.WITTEN	6/4/2018

TITLE: **BLIND NUT ASSEMBLY**  
 100° COUNTERSUNK SHALLOW HEAD  
 DOME TYPE CLOSED END

COMMENTS:  
 SOLIDWORKS STANDARD 2009 SP4.1  
 THIRD ANGLE PROJECTION

SIZE <b>B</b>	DWG. NO. <b>WBN388</b>	REV <b>B</b>
SCALE: NONE		SHEET 1 OF 1