

DETAIL A
SCALE 6 : 1

NOM. DIA.	ØA REF	B REF	C MAX	ØD ±.001	ØJ ±.005	J1 ±.030	N ±.010	Q ±.005	X MAX
05	.334	.074	.011	.163	.375	.800	.140	.067	.060
06	.387	.082	.013	.198	.375	.830	.160	.087	.070
08	.508	.108	.017	.259	.375	.975	.190	.110	.090

NOM. DIA.	ØW GAGE	H GAGE HEIGHT	P MAX	ØZ MIN	R MAX	S REF.	HOLE LIMITS	SINGLE SHEAR MIN.		TENSILE MIN.	TENSILE PRELOAD MIN.	SPINDLE RETENTION MIN.
								1	2			
05	.2832	.0206	.300	.223	.010	.232	.167	1980	1150	115	575	
	.2830	.0171										
06	.3272	.0243	.320	.270	.015	.292	.202	2925	1690	169	845	
	.3270	.0205										
08	.4320	.0310	.370	.350	.020	.361	.263	5000	2900	290	1440	
	.4318	.0270										

- 1. **MIMIMUM** ULTIMATE SINGLE SHEAR AND TENSILE STRENGTHS IN POUNDS OF INSTALLED FASTENER.
- 2. APPLIES TO GRIPS 05-04 MAX, 06-05 MAX, 08-06 MAX AND UP. IN SHORTER GRIPS, A TRUE COMPOSITE SHEAR TEST CANNOT BE OBTAINED.
- 3. DIAMETER OF PIN HEAD SHALL NOT EXCEED "ØD" MAX.
- 4. MAY BE KNURLED TO FACILITATE FASTENER ASSEMBLY. NOT PART OF THE INSTALLED FASTENER.
- 5. BLIND SIDE HEAD MAY BE INSTALLED ON 7° MAXIMUM SLOPE.
- 6. IDENTIFICATION: ALLFAST SYMBOL, "C" (MATERIAL) AND GRIP DASH NUMBER.
- 7. "P" LENGTH OF "ØD" MAY BE .002 UNDERSIZE.
- 8. DRIVE ANVIL TO FACILITATE INSTALLATION ONLY. NOT PART OF THE INSTALLED FASTENER.
- 9. LUBRICATION: NONE OR MANUFACTURER'S OPTION TO LUBE AS FOLLOWS:
WHEN LUBRICATED, PARTS SHALL BE LUBRICATED PER AS5272, MIL-L-87132 OR DOD-L-85 645.


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REV	DATE	BY	E.O. NO.	EXTENDED GRIP BLIND BOLT 100 DEGREE FLUSH HEAD (95KSI SHEAR)	PREPARED	CHECKED	APPROVED
NC	06/29/15	P.M.	9087		BRYAN DANG	APPROVAL ON FILE	AF7828
A	02/22/16	P.M.	9327	06/29/15			
B	11/03/17	P.M.	9968	15200 DON JULIAN RD., CITY OF INDUSTRY, CA 91745 626-968-9388	SHEET 1 OF 2		
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GRIP RANGE

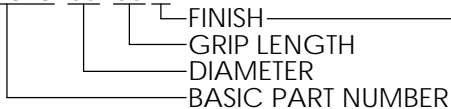
GRIP LENGTH	UNDER LAP		GRIP RANGE		OVERLAP	DIAMETER					
	MIN ONLY 05 DIA.	MIN ONLY 06 TO 08 DIA.	MIN	MAX	MAX TO 05 DIA	05		06		08	
						L	REF. K MAX	L	REF. K MAX	L	REF. K MAX
02	-	-	.094 (a)	.157	.173	.336	.478	.355	.521	-	-
03	.146	.140 (b)	.156	.220	.236	.398	.540	.417	.583	.479	.645
04	.209	.203	.219	.282	.298	.461	.603	.480	.646	.541	.707
05	.271	.265	.281	.345	.361	.523	.665	.542	.708	.604	.770
06	.334	.328	.344	.407	.423	.586	.728	.605	.771	.666	.832
07	.396	.390	.406	.470	.486	.648	.790	.667	.833	.729	.895
08	.459	.453	.469	.532	.548	.710	.852	.729	.895	.791	.957
09	.521	.515	.531	.595	.611	.772	.914	.791	.957	.854	1.020
10	.584	.578	.594	.657	.673	.835	.977	.854	1.020	.916	1.082
11	.646	.640	.656	.720	.735	.898	1.040	.917	1.083	.979	1.145
12	.709	.703	.719	.782	.798	.960	1.102	.979	1.145	1.041	1.207
13	.771	.765	.781	.845	.860	1.023	1.165	1.042	1.208	1.104	1.270
14	.834	.828	.844	.907	.923	1.085	1.227	1.105	1.271	1.166	1.332
15	.896	.890	.906	.970	.985	1.148	1.290	1.168	1.334	1.229	1.395
16	.959	.953	.969	1.032	1.048	1.210	1.352	1.230	1.397	1.291	1.458
17	-	1.016	1.031	1.095	1.111	-	-	1.292	1.459	1.353	1.520
18	-	1.078	1.094	1.157	1.173	-	-	1.355	1.522	1.416	1.583
19	-	1.141	1.156	1.220	1.236	-	-	1.417	1.584	1.478	1.645
20	-	1.203	1.219	1.282	1.298	-	-	1.480	1.647	1.541	1.708
21	-	1.265	1.281	1.345	1.360	-	-	1.542	1.709	1.603	1.770
22	-	1.328	1.344	1.407	1.423	-	-	1.605	1.772	1.666	1.833
23	-	1.390	1.406	1.470	1.485	-	-	1.667	1.834	1.728	1.895
24	-	1.453	1.469	1.532	1.548	-	-	1.730	1.897	1.791	1.958
25	-	1.515	1.531	1.595	1.610	-	-	1.792	1.959	1.853	2.020
26	-	-	1.594	1.657	-	-	-	-	-	-	-
27	-	-	1.656	1.720	-	-	-	-	-	-	-
28	-	-	1.719	1.782	-	-	-	-	-	-	-
29	-	-	1.781	1.845	-	-	-	-	-	-	-
30	-	-	1.844	1.907	-	-	-	-	-	-	-
31	-	-	1.906	1.970	-	-	-	-	-	-	-
32	-	-	1.969	2.032	-	-	-	-	-	-	-

- a) MIN. GRIP FOR -05 DIA. IS .094 AND MIN. GRIP FOR -06 DIA. IS .120
- b) UNDERGRIP FOR -06 DIA. IS .140 AND FOR -08 DIA. IS NONE

FINISH CODE	MATERIAL			FINISH			LUBE
	SLEEVE	STEM	LOCK COLLAR	SLEEVE	STEM	LOCK COLLAR	
NONE	A-286 CRES AMS5737	A-286 CRES AMS5737	A-286 CRES AMS5737	PASSIVATE AMS2700, TYPE 8	PASSIVATE AMS2700, TYPE 8	PASSIVATE AMS2700, TYPE 8	OPTIONAL
H				HI-KOTE 1 EN4473			

PART NUMBER EXAMPLE:

AF7828 -05 -06 H



H: INDICATES HI-KOTE ALUMINUM COATING
 NO CODE: INDICATES PASSIVATE PER AMS2700

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				SHEET 2 OF 2			