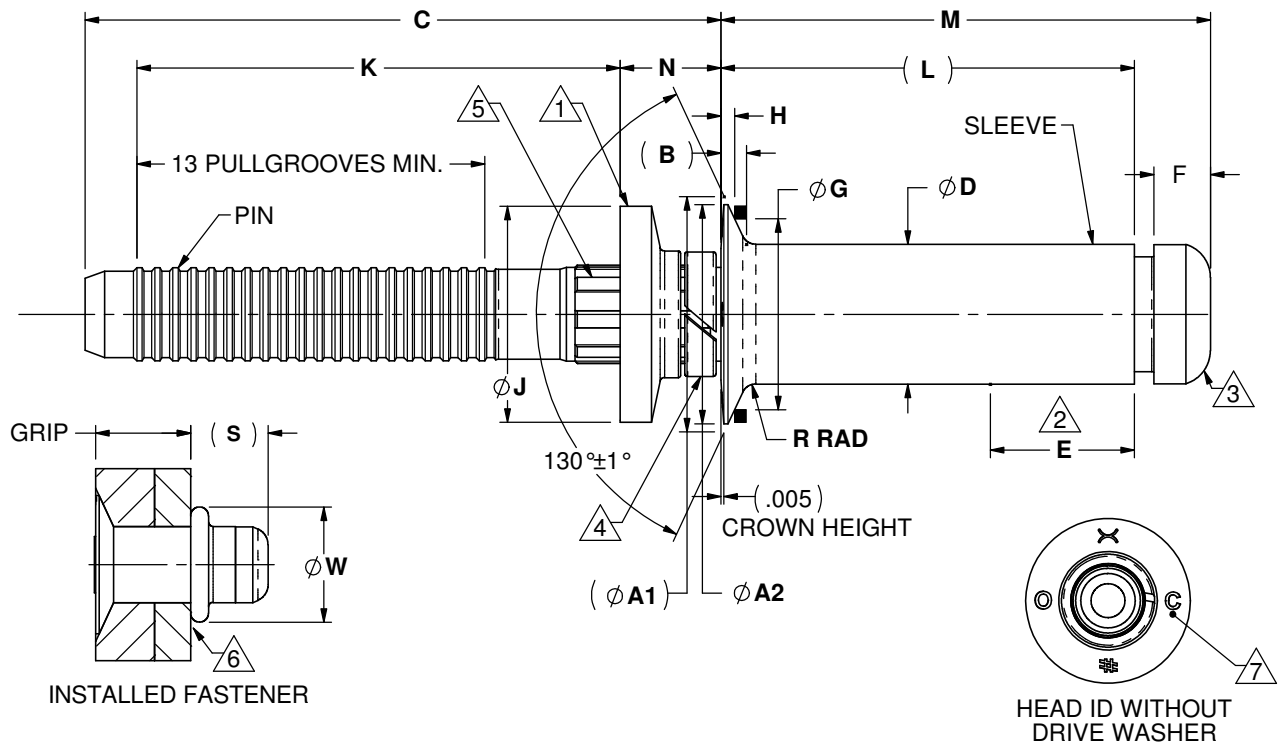




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**ADVANCED BLIND BOLT**  
**ENGINEERING**  
**STANDARD**



**TABLE I**

PART NUMBER	O/S DIA	(Ø A1) THEO REF	Ø A2 MIN	(B) HEAD HEIGHT REF	C MIN	Ø D SLEEVE ±.001	E MAX	F	Ø G GAGE	H GAGE HEIGHT	Ø J ±.005	K ±.030	N ±.060	R RAD MAX	(S) MAX REF	Ø W MIN	HOLE LIMITS +.003 - .000
OUAB130-EU07-( )	07	.416	.373	.043	.925	.242	.350	.103 .093	.3315 .3313	.0247 .0221	.375	.890	.175	.030	.303	.327	.244
OUAB130-EU09-( )	09	.538	.494	.057	1.100	.304	.430	.128 .118	.4320 .4318	.0297 .0274		1.050	.210	.030	.349	.411	.306
OUAB130-EU10-( )	10	.635	.577	.075	1.100	.326	.475	.139 .125	.5389 .5385	.0277 .0251	.438	1.050	.240	.040	.386	.441	.328

- 1. DRIVE WASHER TO FACILITATE INSTALLATION ONLY. NOT PART OF THE INSTALLED FASTENER.
- 2. "E" LENGTH OF "ØD" MAY BE .002 UNDERSIZE.
- 3. TRIM FLASH NOT TO EXCEED .005 MAXIMUM LENGTH ABOVE HEAD OF PIN.
- 4. SOLID OR SPLIT LOCK COLLAR - MANUFACTURER'S OPTION. SPLIT NOT TO EXCEED .020 WIDTH.
- 5. KNURLED TO FACILITATE FASTENER ASSEMBLY. NOT PART OF THE INSTALLED FASTENER.
- 6. BLIND SIDE HEAD MAY BE INSTALLED ON 7° MAXIMUM SLOPE.
- 7. IDENTIFICATION: HUCK SYMBOL, "O", "C" (MATERIAL) AND GRIP DASH NUMBER.
- 8. MINIMUM ULTIMATE SINGLE SHEAR AND TENSILE STRENGTHS IN POUNDS OF INSTALLED FASTENER.
- 9. SINGLE SHEAR APPLIES TO GRIPS 07-05 MAX, 09-07 MAX, 10-07 MAX AND UP. IN SHORTER GRIPS, A TRUE COMPOSITE SHEAR TEST CANNOT BE OBTAINED.

DIMENSIONS IN INCHES

<b>E</b>	PER ECN 14571 EXT GRIPS CHANGED TO MATCH EN6122 STDS		Current Design Activity CAGE Code OHDW7		PROCUREMENT SPEC T0106	DRAWN BY J. SCHLOBOHM
					CHECKED BY	SIGNATURE ON FILE
ISSUED	3/2/2015	OVERSIZE Unimatic ADVANCED SERIES BLIND BOLT FASTENER, HIGH STRENGTH, PULL-TYPE, POSITIVE MECHANICAL LOCK, 130° FLUSH HEAD, INTERMEDIATE SHANK DIAMETER, LARGE FOOT PRINT, A-286 CRES (95 KSI SHEAR) SINGLE ACTION INSTALLATION				<b>OUAB130-EU</b>
REVISED	07-24-20					<b>SK12949</b>
PAGE	1 OF 3					

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**TABLE II**

GRIP NUMBER TABULATION						
GRIP DASH NUMBER	OVERLAP GRIP MIN	DESIGN GRIP RANGE		OVERLAP GRIP MAX	07	
		MIN	MAX		( L )	M MAX
-03	NONE	.156	.220	.236	.484	.645
-04	.203	.219	.282	.298	.531	.692
-05	.265	.281	.345	.361	.593	.754
-06	.328	.344	.407	.423	.656	.817
-07	.390	.406	.470	.486	.718	.879
-08	.453	.469	.532	.548	.781	.942
-09	.515	.531	.595	.611	.843	1.004
-10	.578	.594	.657	.673	.906	1.067
-11	.640	.656	.720	.735	.968	1.129
-12	.703	.719	.782	.798	1.031	1.192
-13	.765	.781	.845	.860	1.093	1.254
-14	.828	.844	.907	.923	1.156	1.317
-15	.890	.906	.970	.985	1.218	1.379
-16	.953	.969	1.032	1.048	1.281	1.442
-17	1.015	1.031	1.095	1.111	1.343	1.504
-18	1.078	1.094	1.157	1.173	1.406	1.567
-19	1.140	1.156	1.220	1.236	1.468	1.629
-20	1.203	1.219	1.282	1.298	1.531	1.692

**TABLE II (CONT'D)**

GRIP NUMBER TABULATION						
GRIP DASH NUMBER	DESIGN GRIP RANGE		09		10	
	MIN	MAX	( L )	M MAX	( L )	M MAX
-03	.156	.220	.538	.724	-	-
-04	.219	.282	.585	.771	.608	.805
-05	.281	.345	.647	.833	.671	.868
-06	.344	.407	.710	.896	.733	.930
-07	.406	.470	.772	.958	.796	.993
-08	.469	.532	.835	1.021	.858	1.055
-09	.531	.595	.897	1.083	.921	1.118
-10	.594	.657	.960	1.146	.983	1.180
-11	.656	.720	1.022	1.208	1.046	1.243
-12	.719	.782	1.085	1.271	1.108	1.305
-13	.781	.845	1.147	1.333	1.171	1.368
-14	.844	.907	1.210	1.396	1.233	1.430
-15	.906	.970	1.272	1.458	1.296	1.493
-16	.969	1.032	1.335	1.521	1.358	1.555
-17	1.031	1.095	1.397	1.583	1.421	1.618
-18	1.094	1.157	1.460	1.646	1.483	1.680
-19	1.156	1.220	1.522	1.708	1.546	1.743
-20	1.219	1.282	1.585	1.771	1.608	1.805

DIMENSIONS IN INCHES

<b>E</b>	PER ECN 14571 EXT GRIPS CHANGED TO MATCH EN6122 STDS		Current Design Activity CAGE Code OHDW7		PROCUREMENT SPEC T0106	DRAWN BY J. SCHLOBOHM	
	ISSUED 3/2/2015	OVERSIZE Unimatic ADVANCED SERIES BLIND BOLT FASTENER, HIGH STRENGTH, PULL-TYPE, POSITIVE MECHANICAL LOCK, 130° FLUSH HEAD, INTERMEDIATE SHANK DIAMETER, LARGE FOOT PRINT, A-286 CRES (95 KSI SHEAR) SINGLE ACTION INSTALLATION				CHECKED BY	SIGNATURE ON FILE
	REVISID 07-24-20					<b>OUB130-EU</b>	
PAGE 2 OF 3					<b>SK12949</b>		

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E



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**TABLE III**

OUAB130-EU INSTALLED WEIGHT IN LBS (1000 pcs.)											
GRIP	7 DIA	9 DIA	10 DIA	GRIP	7 DIA	9 DIA	10 DIA	GRIP	7 DIA	9 DIA	10 DIA
-03	6.65	12.25		-09	11.37	19.67	23.91	-15	16.29	27.41	32.82
-04	7.27	13.22	16.49	-10	12.19	20.96	25.40	-16	17.11	28.70	34.31
-05	8.09	14.51	17.97	-11	13.01	22.25	26.88	-17	17.93	29.99	35.79
-06	8.91	15.80	19.46	-12	13.83	23.54	28.37	-18	18.75	31.28	37.28
-07	9.73	17.09	20.94	-13	14.65	24.83	29.85	-19	19.57	32.57	38.76
-08	10.55	18.38	22.43	-14	15.47	26.12	31.34	-20	20.39	33.86	40.25

**TABLE IV**

PART NUMBER	O/S DIA	SINGLE SHEAR (lbs)	TENSILE (lbs)	TENSILE PRELOAD (lbs)	SPINDLE RET (lbs)
OUAB130-EU07-( )	07	3830	1990	199	975
OUAB130-EU09-( )	09	6210	3225	323	1600
OUAB130-EU10-( )	10	7200	3750	375	1875

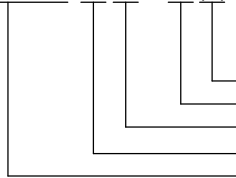
**TABLE V**

FINISH CODE	MATERIAL			FINISH			LUBE
	SLEEVE	PIN	LOCK COLLAR	SLEEVE	PIN	LOCK COLLAR	
NONE	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS5690	PASSIVATE AMS2700	PASSIVATE AMS2700	PASSIVATE AMS2700	OPTIONAL
AC	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS5690	ALUMINUM COAT PER NAS4006, BMS 10-85 & EN4473	PASSIVATE AMS2700	PASSIVATE AMS2700	OPTIONAL
NC	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS5690	ALUMINUM COAT PER EN4473, TYPE II OR IV	PASSIVATE AMS2700	PASSIVATE AMS2700	OPTIONAL

LUBRICATION- WHEN LUBRICATED, PARTS SHALL BE LUBRICATED PER AS5272, AS87132 OR LOX COMPATIBLE DRY FILM LUBRICANT. (MANUFACTURER'S OPTIONS)

HUCK PART NUMBER EXAMPLE:

OUAB130-EU07 - 04( )



FINISH CODE - SEE TABLE  
 GRIP NUMBER IN 16th INCHES.  
 NOMINAL SHANK DIAMETER IN 32nd INCHES.  
 MATERIAL DESIGNATOR - A286.  
 OVERSIZE Unimatic® ADVANCED SERIES BLIND BOLT FASTENER, HIGH STRENGTH PULL-TYPE, POSITIVE MECHANICAL LOCK, 130° FLUSH HEAD, INTERMEDIATE SHANK DIAMETER, EXPANDED BULB. LARGE FOOT PRINT. DRIVE WASHER INCLUDED.

DIMENSIONS IN INCHES

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