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HUCK INTERNATIONAL

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SK12949



#### Howmet Fastening Systems Tucson Operations 3724 East Columbia Street Tucson, Arizona 85714 USA Phone (520) 519-7400 Fax (520) 519-7454

Unimatic<sup>®</sup> ADVANCED BLIND BOLT

> ENGINEERING STANDARD

# TABLEII

GRIP NUMBER TABULATION											
GRIP DASH	OVERLAP GRIP	DESIGI RAI	-	OVERLAP GRIP	0	07		09		10	
NUMBER	MIN	MIN	МАХ	MAX	(L)	M MAX	(L)	M MAX	(L)	M MAX	
-03	NONE	.156	.220	.236	.484	.645	.538	.724	-	-	
-04	.203	.219	.282	.298	.531	.692	.585	.771	.608	.805	
-05	.265	.281	.345	.361	.593	.754	.647	.833	.671	.868	
-06	.328	.344	.407	.423	.656	.817	.710	.896	.733	.930	
-07	.390	.406	.470	.486	.718	.879	.772	.958	.796	.993	
-08	.453	.469	.532	.548	.781	.942	.835	1.021	.858	1.055	
-09	.515	.531	.595	.611	.843	1.004	.897	1.083	.921	1.118	
-10	.578	.594	.657	.673	.906	1.067	.960	1.146	.983	1.180	
-11	.640	.656	.720	.735	.968	1.129	1.022	1.208	1.046	1.243	
-12	.703	.719	.782	.798	1.031	1.192	1.085	1.271	1.108	1.305	
-13	.765	.781	.845	.860	1.093	1.254	1.147	1.333	1.171	1.368	
-14	.828	.844	.907	.923	1.156	1.317	1.210	1.396	1.233	1.430	
-15	.890	.906	.970	.985	1.218	1.379	1.272	1.458	1.296	1.493	
-16	.953	.969	1.032	1.048	1.281	1.442	1.335	1.521	1.358	1.555	
-17	1.015	1.031	1.095	1.111	1.343	1.504	1.397	1.583	1.421	1.618	
-18	1.078	1.094	1.157	1.173	1.406	1.567	1.460	1.646	1.483	1.680	
-19	1.140	1.156	1.220	1.236	1.468	1.629	1.522	1.708	1.546	1.743	
-20	1.203	1.219	1.282	1.298	1.531	1.692	1.585	1.771	1.608	1.805	

# TABLEIII

### 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

DIMENSIONS IN INCHES

					DIIVIEINOI	
ſ		N 14450 CHANGED ARCONIC LOGO	Current Design Activity	PROCUREMENT SPEC	DRAWN BY	J. SCHLOBOHM
D	TO HOWMET LOGO		CAGE Code 0HDW7		CHECKED BY	SIGNATURE ON FILE
ISSUED	3/2/2015	OVERSIZE Unimatic ADVANCED SER	OUAB130-EU			
REVISED	4/1/2020	PULL-TYPE, POSITIVE MECHANICAL LO	0			
PAGE	2 OF 3	DIAMETER, LARGE FOOT PRINT, A-286 CF		SK1294	9	

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Unimatic<sup>®</sup> ADVANCED BLIND BOLT

### ENGINEERING STANDARD

## TABLE I V

PART NUMBER	O/S DIA	SINGLE SHEAR	TENSILE	TENSILE PRELOAD	SPINDLE RET
		8	8		
OUAB130-EU07-()	07	3830	1990	199	975
OUAB130-EU09-()	09	6210	3225	323	1600
OUAB130-EU10-()	10	7200	3750	375	1875

8. MINIMUM ULTIMATE SINGLE SHEAR AND TENSILE STRENGTHS IN POUNDS OF INSTALLED FASTENER.

9. 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.

### TABLE V

FINISH	MATERIAL				LUBE		
CODE	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 AND BMS 10-85	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 I I 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()

GRIP NUMBER IN 16th INCHES.
MATERIAL DESIGNATOR - A286. OVERSIZE Unimatic® ADVANCED SERIES BLIND BOLT FASTENER, HIGH STRENGTH
PLILL TYPE POSITIVE MECHANICAL LOCK 130°ELUSH HEAD INTERMEDIATE

SHANK DIAMETER, EXPANDED BULB. LARGE FOOT PRINT. DRIVE WASHER INCLUDED.

DIMENSIONS IN INCHES

					0		
Γ	(		N 14450 CHANGED ARCONIC LOGO	Current Design Activity	PROCUREMENT	DRAWN BY	J. SCHLOBOHM
	D	TO HOW	/MET LOGO	CAGE Code 0HDW7	SPEC T0106	CHECKED BY	SIGNATURE ON FILE
1	SSUED	3/2/2015	OVERSIZE Unimatic ADVANCED SERI	OUAB130-EU			
F	REVISED		PULL-TYPE, POSITIVE MECHANICAL LO				
Ī	PAGE	3 OF 3	DIAMETER, LARGE FOOT PRINT, A-286 CR	ES (95 KSI SHEAR) SINGLE ACTION INSTALLATION		SK1294	9

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