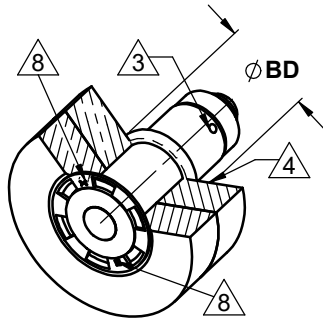




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INSTALLED FASTENER

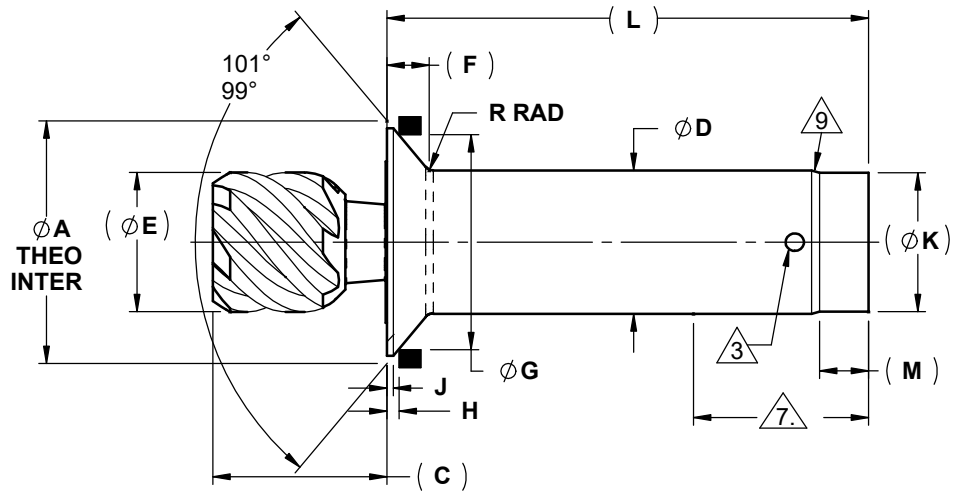


TABLE I

PART/DIA DASH NO.	Ø A THEO INTER MAX	J MAX	(C) DRIVER LENGTH REF	Ø D SHANK	(Ø E) SPLINE REF	(F) HEAD HEIGHT REF	R RADIUS MAX	Ø G GAUGE	H GAUGE HEIGHT	SINGLE SHEAR LBS (MIN)	TENSILE LBS (MIN)	(Ø K) LEAD-IN MAX REF	(M) REF	Ø BD MIN.		RECOMMENDED INSTALLATION HOLE SIZES
														5	6	
ER755-05	.2877	.010	.250	.1635 .1625	.180	.049	.015	.2028 .2026	.0330 .0298	2005	1400	.1565	.060	.205	.167 .164	
ER755-06	.3277	.015	.250	.1895 .1885	.180	.056	.015	.2560 .2558	.0295 .0263	2690	1600	.1830	.065	.238	.193 .190	
ER755-08	.4283	.015	.300	.2495 .2485	.235	.074	.020	.3732 .3730	.0227 .0195	4650	3000	.2430	.085	.313	.253 .250	
ER755-10	.5361	.015	.350	.3120 .3110	.275	.092	.025	.4791 .4789	.0234 .0198	7300	5000	.3055	.230	.391	.316 .313	
ER755-12	.6415	.020	.400	.3745 .3735	.320	.110	.030	.5698 .5696	.0295 .0259	10500	7000	.3680	.305	.469	.378 .375	

DIMENSIONS IN INCHES

AM	ECN 15069 TABLE REFORMATTING		Current Design Activity CAGE Code OHDW7		PROCUREMENT SPEC T0108	DRAWN BY J. SCHLOBOHM	
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ISSUED	4/2/2004	BLIND BOLT FASTENER, HIGH STRENGTH, FRICTION THREAD LOCK, THREADED, 100° FLUSH INTERMEDIATE SHEAR HEAD, TITANIUM/A-286 (95 KSI SHEAR)				ER755	
REVISIED	05/15/2022					SK12799	
PAGE	1 OF 4						

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TABLE II

GRIP NUMBER TABULATION $\triangle 10$								
GRIP DASH NO.	DESIGN GRIP RANGE		OVERLAP MAX GRIP $\triangle 6$	-05 DIA	-06 DIA	-08 DIA	-10 DIA	-12 DIA
	MIN.	MAX.		(L)	(L)	(L)	(L)	(L)
$\triangle 11$ -02	.077	.125	.133	.451	-	-	-	-
-02	.084	.125	.133	-	.482	-	-	-
-03	.126	.187	.195	.513	.544	.649	-	-
-04	.188	.250	.258	.576	.607	.711	.792	-
-05	.251	.312	.320	.638	.669	.774	.854	.948
-06	.313	.375	.383	.701	.732	.836	.917	1.010
-07	.376	.437	.445	.763	.794	.899	.979	1.073
-08	.438	.500	.508	.826	.857	.961	1.042	1.135
-09	.501	.562	.570	.888	.919	1.024	1.104	1.198
-10	.563	.625	.633	.951	.982	1.086	1.166	1.260
-11	.626	.687	.695	1.013	1.044	1.149	1.229	1.323
-12	.688	.750	.758	-	1.107	1.211	1.291	1.385
-13	.751	.812	.820	-	1.169	1.274	1.354	1.448
-14	.813	.875	.883	-	1.232	1.336	1.416	1.510
-15	.876	.937	.945	-	-	1.399	1.479	1.573
-16	.938	1.000	1.008	-	-	-	1.541	1.635
-17	1.001	1.062	1.070	-	-	-	1.604	1.698
-18	1.063	1.125	1.133	-	-	-	1.666	1.760
-19	1.126	1.187	1.195	-	-	-	1.729	1.823
-20	1.188	1.250	1.258	-	-	-	1.791	1.885

- $\triangle 1$. SINGLE SHEAR TESTING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF NASM 1312 -20 AND APPLIES TO GRIPS 05-05 MIN, 06-06 MIN, 08-07 MIN, 10-09 MIN AND 12-10 MIN AND LONGER.

TENSILE STRENGTH TESTING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF NASM 1312 - 8 AND APPLIES TO GRIPS 05-06 MAX, 06-07 MAX, 08-08 MAX, 10-10 MAX AND 12-12 MAX AND LONGER
- $\triangle 2$. DIMENSIONS ARE IN INCHES AND ARE TO BE MET AFTER FINISH.
- $\triangle 3$. 3 INDENTATIONS 120° APART TO PROVIDE THREAD LOCK.
- $\triangle 4$. BLIND SIDE HEAD MAY BE INSTALLED ON 5° MAXIMUM SLOPE.
- $\triangle 5$. THE AVERAGE SMALLEST AND LARGEST OBSERVED VALUES ON THE SAME SPECIMEN SHALL BE EQUAL TO OR GREATER THAN THE STATED MINIMUM.
- $\triangle 6$. EXTENDED GRIP "BD MIN" VALUE APPLIES TO A PART DRIVEN .008" ± .002" OVER THE DESIGN MAXIMUM GRIP. SEE GRIP TABLE II ON PAGE 2.
- $\triangle 7$. SLEEVE DIA. MAY BE UP TO .0003" OVERSIZE IN BAND ANNEAL ZONE WHICH EXTENDS FROM BLIND END APPROX:- 05 DIA. (.475"), -06 DIA. (.525"), -08 DIA. (.635"), -10 DIA. (.700"), -12 DIA. (.750")

DIMENSIONS IN INCHES

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REVISIED	05/15/2022					
PAGE	2 OF 4				SK12799	

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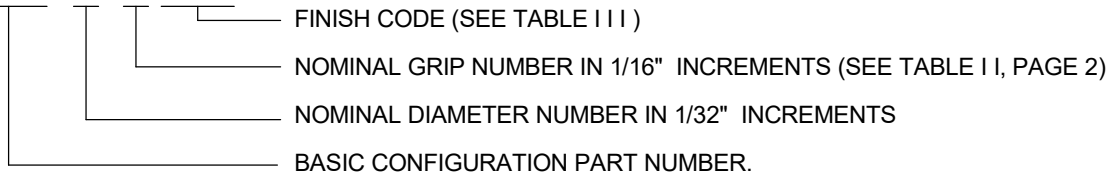
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TABLE III ^{15.}

FINISH CODE	MATERIAL		FINISH		PROCUREMENT SPECIFICATION
	NUT BODY	CORE BOLT	NUT BODY	CORE BOLT	
NONE	A286 CRES PER CHEMICAL COMPOSITION AMS 5737 OR AMS 5732	6Al-4V TITANIUM PER AMS 4967 OR AMS 4928	PASSIVATE PER AMS2700 TYPE 2 OR 8	INCOTEC TEC-LUBE DRY FILM LUBE PER AS5272 OR EQUIVALENT	T0108
^{12.}			VD ALUMINUM COAT PER MIL-DTL-83488, TYPE II, CLASS 3 AND EN6118		
^{13.} ^{16.}			CHROMATED ALUMINUM PIGMENTED COATING PER NAS4006 AND EN4473		
^{14.} ^{16.}			NON-CHROMATED ALUMINUM COATING PER NAS4006 AND EN4473		
^{12.}			CHROMATED ALUMINUM PIGMENTED COATING PER NAS4006 AND EN4473 WITH INCOTECH WCA-9P (PINK)		
^{12.}			CHROMATED ALUMINUM COATING PER NAS4006 AND EN4473 WITH INCOTECH WCA-9P (PINK)		T0108 AND DGQT 1.8.2.0028

NUMBER KEY:

ER755 - xx - xx XXXX



- ^{8.} IDENTIFICATION: -05 AND -06: MANUFACTURER'S ID; -08, -10 AND -12: MANUFACTURER'S ID AND A SQUARE OR SQUARE OUTLINE FOR ER755 HEAD CONFIGURATION. MARKING INDENTED .010 MAXIMUM, ARRANGEMENT OPTIONAL... -05 AND -06 PARTS MANUFACTURED WITHOUT MANUFACTURER'S I.D. MAY BE USED UNTIL STOCKS ARE DEPLETED.
- ^{9.} TRANSITION OPTIONAL. MAY BE RADIUS OR CHAMFER.
- ^{10.} CONSULT HFS FOR LONGER GRIP LENGTH AVAILABILITY.
- ^{11.} MIN GRIP FOR 05-02 IS .077 AND FOR 06-02 IS .084.
- ^{12.} THIS FINISH IS INACTIVE FOR NEW DESIGN AND PROCURMENT. NO SUPERSESSIONS AVAILABLE.
- ^{13.} THIS FINISH IS INACTIVE FOR NEW DESIGN AND PROCURMENT AFTER 03/01/2022.
- ^{14.} ACN FINISH IS SUPERSESSION FOR THE AC FINISH CODE
- ^{15.} NOTE: CETYL ALCOHOL LUBE PER AS87132 MAY BE APPLIED TO COMPONENTS (AT MFR'S OPTION)
- ^{16.} NOTE: COMPLETE COVERAGE OF SLEEVE INTERNAL FEATURES IS NOT REQUIRED. OVERSPRAY ONTO THE INTERNAL FEATURES IS ACCEPTED.

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TABLE I V

INSTALLED WEIGHT (LBS/1000)			
DIAMETER	GRIP	WEIGHT	ADDER
-05 (.164)	-02	1.90	.259
-06 (.190)	-02	2.80	.350
-08 (.250)	-03	6.45	.598
-10 (.313)	-04	12.51	.938
-12 (.375)	-05	21.60	1.355

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