de HAVILLAND

CAGE CODE 71867
CSP STANDARD

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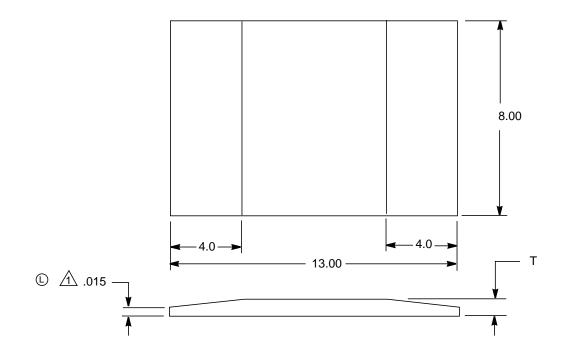
REV: L - 09 JAN 2012

REV: K - 28 JAN 2008

REV: J - 22 FEB 2000

REV: H - 03 JUN 1997

APPROVED: 23 SEP 1967



CSP297 - SHIM STOCK , TAPER							
CSP NO.	T (THICKNESS)	MATERIAL	MATERIAL SECIFICATION	FINISH			
CSP297-04	.040						
CSP297-05	.050	ALUMINUM ALLOY	(L) AMS-QQ-A-250/5	C1+F19			
CSP297-06	.063	2024-T3	AWG-QQ-A-250/5	CITEIS			
CSP297-08	.080						

(L) NOTES:

FOR THICKNESS GREATER THAN .250" USE 2024-T351

2. ALL DIMENSIONS ARE IN INCHES

	LIST OF CURRENT SHEETS								
SHEET	1	2	3	4	5	6	7	8	9
REVISION	L	С	Y	N	V	L	D	Α	Α

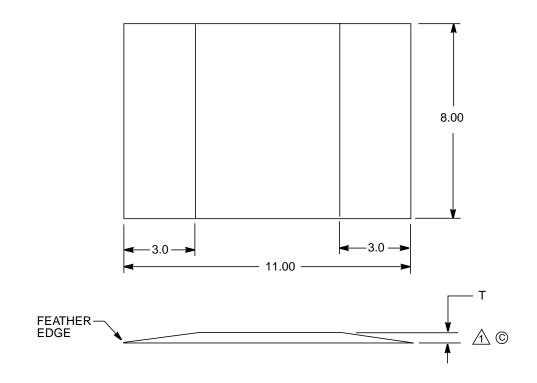
SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN B. McDONALD CHECKED	SHIM STOCK - TAPER	CSP 297	
STRESSED		011===	\dashv
APPROVED S. HAMID		SHEET: 1	

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CSP297 - SHIM STOCK , TAPER						
CSP NO.	T (THICKNESS)	MATERIAL	MATERIAL SECIFICATION	FINISH		
CSP297-A06	.063	ALUMINUM ALLOY 2024-T3	AMS-QQ-A-250/5 ©	C1+F19		

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD		CCD	207
CHECKED		SHIM STOCK - TAPER	CSP	297
STRESSED		SIIIWI STOCK - TATEK	011555	
APPROVED	S. HAMID		SHEET:	2

REV: A - 08 DEC 1978 REV: B - 22 FEB 2000 REV: C - 09 JAN 2012

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APPROVED: OCT 1968

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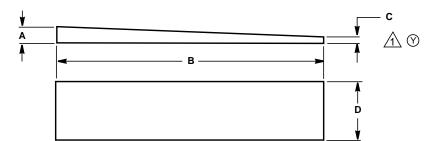
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REV: Y - 09 JAN 2012

FEB 2000

REV: W - 22

APPROVED: 23 APR 1982



CSP297 - SHIM STOCK, TAPER **MATERIAL MATERIAL** CSP NO. В С D **SECIFICATION FINISH** CSP297-B05 .010 .050 1.55 .60 CSP297-B07 .036 2.50 .010 2.25 CSP297-B09 .010 .036 2.50 3.25 CSP297-B11 .125 1.50 .020 1.20 CSP297-B13 .050 1.70 .020 1.30 CSP297-B15 .080 2.50 .020 1.30 CSP297-B17 .085 2.80 .035 .90 CSP297-B19 .048 .70 .035 2.80 CSP297-B21 .085 .70 .072 2.80 CSP297-B23 .050 1.35 .020 .80 CSP297-B25 .060 2.80 .005 3.20 CSP297-B27 2.20 .005 2.00 (Y) .060 **ALUMINUM** CSP297-B29 .060 2.20 .005 1.50 AMS-QQ-A-250/5 C1+F19 ALLOY 2024-T3 CSP297-B31 .060 1.50 .015 1.00 CSP297-B33 1.50 .015 1.40 .060 CSP297-B35 .040 4.00 .005 2.20 CSP297-B37 .040 4.50 .025 1.50 CSP297-B39 .032 1.50 .005 .62 CSP297-B41 .100 1.13 .010 1.63 CSP297-B43 .050 2.60 .010 .60 .75 CSP297-B45 .040 3.00 .010 CSP297-B47 .010 24.00 .040 3.00 CSP297-B49 .063 4.00 .010 .75 CSP297-B51 .063 4.00 .010 24.00 CSP297-B53 .100 7.00 .010 4.50

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	
STRESSED	
APPROVED	S. HAMID

SHIM STOCK - TAPER

CSP 297

SHEET:

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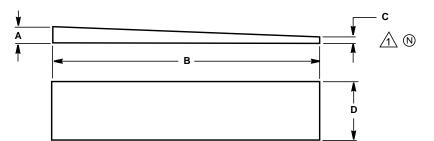
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APPROVED: 23 APR 1982



	CSP297 - SHIM STOCK , TAPER						
CSP NO.	Α	В	С	D	MATERIAL	MATERIAL SECIFICATION	FINISH
CSP297-B55	.080	7.00	.010	4.50			
CSP297-B57	.060	7.00	.010	4.50			
CSP297-B59	.040	7.00	.010	4.50			
CSP297-B61	.080	4.25	.015	2.50			
CSP297-B63	.050	3.20	.010	2.20			
CSP297-B65	.130	1.30	.020	.60			
CSP297-B67	.050	2.10	.010	2.75			
CSP297-B69	.036	2.50	.010	5.00			
CSP297-B71	.125	1.50	.020	.60			
CSP297-B73	.100	7.00	.010	.60			
CSP297-B75	.040	1.25	.020	.63			
CSP297-B77	.130	1.20	.040	1.40		N	
CSP297-B79	.050	2.760	.015	.70	ALUMINUM ALLOY 2024-T3	AMS-QQ-A-250/5	C1+F19
CSP297-B81	.060	.70	.020	3.63			
CSP297-B83	.070	1.40	.010	.70			
CSP297-B85	.070	1.35	.010	1.80			
CSP297-B87	.080	1.35	.010	1.70			
CSP297-B89	.135	.70	.010	1.25			
CSP297-B91	.080	1.30	.010	.70			
CSP297-B93	.060	1.45	.010	.85			
CSP297-B95	.090	1.40	.010	.70			
CSP297-B97	.080	1.25	.010	.65			
CSP297-B99	.060	1.35	.010	.70			
CSP297-B101	.050	1.25	.015	.70			
CSP297-B103	.070	1.35	.010	.70			

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	
STRESSED	
APPROVED	S. HAMID

SHIM STOCK - TAPER

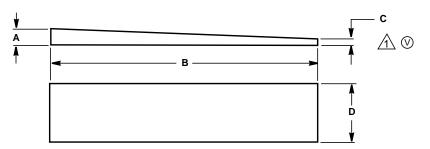
CSP 297

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CAGE CODE 71867
CSP STANDARD

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	CSP297 - SHIM STOCK , TAPER						
CSP NO.	Α	В	С	D	MATERIAL	MATERIAL SECIFICATION	FINISH
CSP297-B105	.080.	1.35	.010	.80			
CSP297-B107	.080	2.10	.020	.70			
CSP297-B109	.080	3.80	.010	.80			
CSP297-B111	.220	.95	.030	1.75			
CSP297-B113	.065	1.50	.020	.52			
CSP297-B115	.100	1.50	.020	.70			
CSP297-B117	.100	1.10	.050	.70			
CSP297-B119	.080	1.230	.030	.70			
CSP297-B121	.068	2.750	.021	.70			
CSP297-B123	.056	3.250	.010	.70			
CSP297-B125	.136	3.250	.090	.70			
CSP297-B127	.110	1.600	.020	.70		\vee	
CSP297-B129	.160	1.300	.100	.70	ALUMINUM ALLOY 2024-T3	AMS-QQ-A-250/5	C1+F19
CSP297-B131	.140	1.500	.030	.60	7.2201 2021 10		
CSP297-B133	.125	2.000	.040	.60			
CSP297-B135	.090	1.400	.050	.70			
CSP297-B137	.120	1.400	.020	.80			
CSP297-B139	.036	2.50	.010	5.40			
CSP297-B141	.113	1.20	.020	.60			
CSP297-B143	.075	.60	.015	2.20			
CSP297-B145	.130	.60	.020	1.35			
CSP297-B147	.032	1.60	.015	.80			
CSP297-B148	.030	.85	.015	4.75			
CSP297-B149	.025	.85	.015	4.75			
CSP297-B150	.020	.85	.015	4.75			

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	
STRESSED	
APPROVED	S. HAMID

(V) DELTA NOTE 1 ADDED TO REPRESENT "T351" TEMPER FOR THICKNESS GREATER THAN .250" (V) MATERIAL SPECIFICATION REVISED "AMS-QQ-A-250/5" WAS "QQ-A-250/5"

SHIM STOCK - TAPER

CSP 297

SHEET: 5

APPROVED: 13 SEP 1982 | REV: U - 22 FEB 2000 | REV: V - 09 JAN 2012 | REV:

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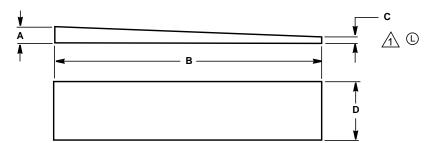
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REV: K - 22 FEB 2000 | REV: L - 09 JAN 2012

APPROVED: 13 DEC 90



		CSP297 - SHIM STOCK , TAPER						
CSP NO.	Α	В	С	D	MATERIAL	MATERIAL SECIFICATION	FINISH	
CSP297-B151	.063	2.30	.032	.70				
CSP297-B152	.085	1.10	.010	2.00				
CSP297-B153	.100	2.40	.010	.70				
CSP297-B154	.032	1.50	.010	.75	ALUMINUM ALLOY	L C	C1+F19	
CSP297-B155	.032	2.00	.010	.75	2024-T3		C1+F19	
CSP297-B156	.032	2.50	.010	.75				
CSP297-B157	.032	3.00	.010	.75				
CSP297-B158	.140	.60	.010	1.20				
CSP297-B159		•	•		N/A			
CSP297-B160					N/A			
CSP297-B161					N/A			
CSP297-B162	.060	7.00	.010	.70				
CSP297-B163	.105	1.16	.010	.50				
CSP297-B164	.052	.60	.010	.50				
CSP297-B165	.060	4.00	.005	.90				
CSP297-B166	.045	1.25	.010	.50				
CSP297-B167	.025	.85	.015	3.75				
CSP297-B168	.040	1.30	.010	.70	ALUMINUM ALLOY	(L)	C1 - F10	
CSP297-B169	.020	2.00	.010	1.40	2024-T3	AMS-QQ-A-250/5	C1+F19	
CSP297-B170	.040	2.00	.010	1.40				
CSP297-B171	.060	2.00	.010	1.40				
CSP297-B172	.020	.94	.005	.86				
CSP297-B173	.015	.94	.005	.86				
CSP297-B174	.010	.94	.005	.86				
CSP297-B175	.015	.94	.010	.86				

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	
STRESSED	
APPROVED	S. HAMID

SHIM STOCK - TAPER

CSP 297

SHEET:

de HAVILLAND

CAGE CODE 71867
CSP STANDARD

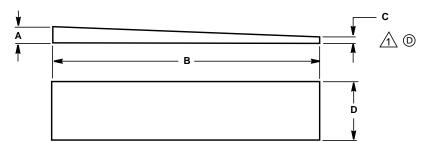
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CSP297 - SHIM STOCK , TAPER							
CSP NO.	A	В	С	D	MATERIAL	MATERIAL SECIFICATION	FINISH
CSP297-B176	.020	.94	.010	.86			
CSP297-B177	.020	.94	.015	.86			
CSP297-B178	.020	1.09	.005	1.01		© AMS-QQ-A-250/5	
CSP297-B179	.015	1.09	.005	1.01			
CSP297-B180	.010	1.09	.005	1.01	ALUMINUM ALLOY		
CSP297-B181	.015	1.09	.010	1.01			
CSP297-B182	.020	1.09	.010	1.01			
CSP297-B183	.020	1.09	.015	1.01	2024-10		
CSP297-B184	.020	1.85	.010	.90			
CSP297-B185	.030	1.85	.010	.90			
CSP297-B186	.032	3.70	.010	.55			
CSP297-B187	.080	.68	.010	.56			C1+F19
CSP297-B188	.040	2.50	.010	.90			
CSP297-B189	.145	1.30	.080	.75	ALUMINUM ALLOY 6061 T6	© AMS-QQ-A-250/11	
CSP297-B190	.070	1.45	.040	.60			
CSP297-B191	.100	1.35	.010	1.70			D
CSP297-B192	.020	12.00	.005	12.00	ALUMINUM ALLOY AMS-QQ-A-250/5	(D)	
CSP297-B193	.032	12.00	.005	12.00			
CSP297-B194	.040	12.00	.005	12.00	2024-13		
CSP297-B195	.050	12.00	.005	12.00	-		
CSP297-B196	.063	12.00	.005	12.00	1		

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	
STRESSED	
APPROVED	S. HAMID

DELTA NOTE 1 ADDED TO REPRESENT "T351" TEMPER FOR THICKNESS GREATER THAN .250" & "QQ-A-250/11" WATERIAL SPECIFICATION REVISED "AMS-QQ-A-250/5" & "AMS-QQ-A-250/11" WERE "QQ-A-250/5" & "QQ-A-250/11"

SHIM STOCK - TAPER

CSP 297

SHEET: 7

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APPROVED: 20 MAY 1997

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4X R .38 (EXTERNAL CORNERS TO DS64)

CSP297 - SHIM STOCK , TAPER							
CSP NO.	А	В	С	D	MATERIAL	MATERIAL SECIFICATION	FINISH
CSP297-C001	13.80	1.10	.020	.070		(A)	
CSP297-C002	19.72	1.10	.020	.060	ALUMINUM ALLOY 2024-T3	AMS-QQ-A-250/5	C1+F19
CSP297-C003	19.72	.95	.020	.055			

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	
STRESSED	
APPROVED	S. HAMID

(A) DELTA NOTE 1 ADDED TO REPRESENT "T351" TEMPER FOR THICKNESS GREATER THAN .250" (A) MATERIAL SPECIFICATION REVISED "AMS-QQ-A-250/5" WAS "QQ-A-250/5"

SHIM STOCK - TAPER

CSP 297

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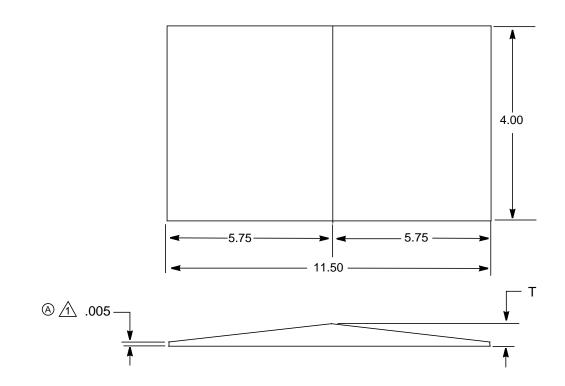
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CSP297 - SHIM STOCK , TAPER						
CSP NO.	T (THICKNESS)	MATERIAL	MATERIAL SECIFICATION	FINISH		
CSP297-D030	.030					
CSP297-D040	.040	ALUMINUM ALLOY	(A) AMS-QQ-A-250/5	C1+F19		
CSP297-D050	.050	2024-T3	AIVIO-QQ-A-200/0	CITEIS		
CSP297-D060	.080					

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. MACCOLL
STRESSED	E. GIOVANNETTI
APPROVED	B. EDWARDS

SHIM STOCK - TAPER

CSP 297

SHEET:

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| REV: A - 09 JAN 2012 | RE\

APPROVED: 28 JAN 2008

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