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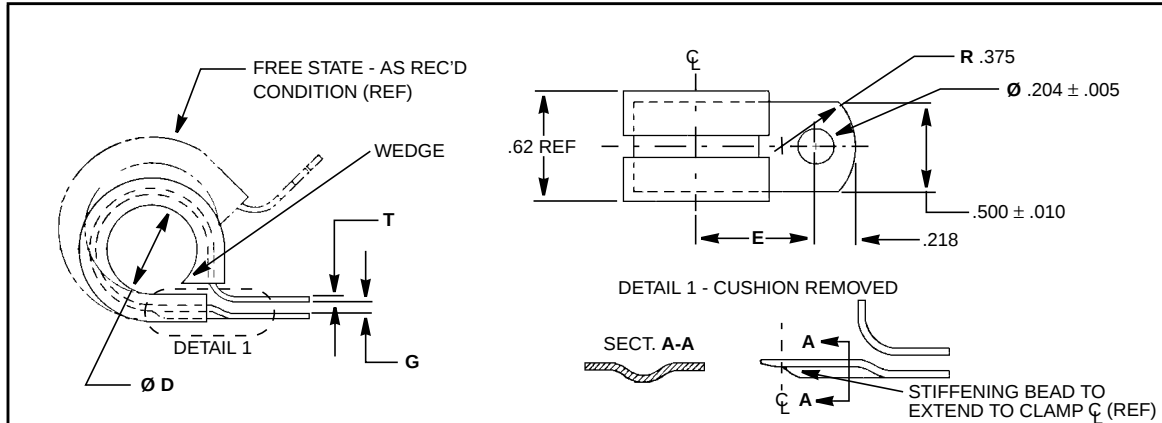
de HAVILLAND

CAGE CODE 71867

SOURCE CONTROL DRAWING

ONLY THE ITEM(S) LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR'S NAME(S), ADDRESS(ES) AND PART NUMBER(S) HAVE BEEN APPROVED FOR USE IN DE HAVILLAND AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY DE HAVILLAND ENGINEERING STANDARDS

SOURCE CONTROL DRAWING



PART No.	Ø D ±.015	E ±.015	T (NOM)	G (REF)	WT (LB/100)	
					STEEL	ALUM
DSC150()2()	.125	.457	.030	.062	.95	.65
DSC150()3()	.188	.498			1.05	.75
DSC150()4()	.250	.529			1.15	.85
DSC150()5()	.313	.560			1.23	.93
DSC150()6()	.375	.592			1.32	1.03
DSC150()7()	.438	.623			1.43	1.13
DSC150()8()	.500	.654			1.50	1.20
DSC150()9()	.563	.685			2.30	2.00
DSC150()10()	.625	.710			2.50	2.20
DSC150()11()	.688	.749			2.65	2.35
DSC150()12()	.750	.780			2.80	2.50
DSC150()14()	.875	.842			3.10	2.80
DSC150()16()	1.000	.889			3.50	3.20
DSC150()18()	1.125	.951		.094	4.20	3.90
DSC150()19()	1.188	.983			4.35	4.05
DSC150()20()	1.250	1.030			4.50	4.20
DSC150()22()	1.375	1.092			4.80	4.50
DSC150()24()	1.500	1.155	.040	.125	5.10	4.80
DSC150()28()	1.750	1.285			5.82	5.40
DSC150()48()	3.000	1.912	.050		9.44	8.40

LIST OF CURRENT SHEETS									
SHEET	1	2	3	4					
REV	L	B	B	B					

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD	TITLE: CLAMP, "P" TYPE, CUSHIONED, PREMIUM QUALITY	DSC 150
CHECKED	W. SIMMONS		
STRESS	---		PAGE 1 OF 4
APPROVED	S. HAMID		

Ⓛ SHT 2 WAS REV A, SHT3 WAS REV A,
SHT 4 WAS REV A

REV:

REV:

REV: L - 17 JUL 00

REV: K - 13 SEP 99

REV: J - 20 JUL 99

REV: H - 27 MAY 87

APPROVED:

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APPLICATION NOTES:

1. DSC 150 CLAMPS ARE A PREMIUM QUALITY CLAMP INCORPORATING A STIFFENING BEAD IN THE BAND FOR INCREASED STRENGTH AND VIBRATION RESISTANCE AND A WEDGE IN THE CUSHION TO PROVIDE FULL CONTOUR SUPPORT FOR FLUID LINES. THESE CLAMPS ARE TO BE USED FOR CLAMPING FUEL OR HYDRAULIC LINES OR WIRE BUNDLES IN AREAS SUBJECT TO VIBRATION OR HIGH TEMPERATURES.
2. FOR WIRE BUNDLING AND OTHER GENERAL PURPOSE CLAMPING APPLICATIONS, USE MS21919 CLAMPS.
3. USE MIL-C-85052/1 CLAMPS FOR SUPPORT OF FUEL OR HYDRAULIC LINES IN AREAS SUBJECT TO CONTAMINATION WITH PETROLEUM BASED FLUID (FUEL/HYD),
4. USE MIL-C-85052/2 CLAMPS FOR SUPPORT OF HYDRAULIC LINES IN AREAS SUBJECT TO CONTAMINATION WITH PHOSPHATE ESTER TYPE HYDRAULIC FLUID.
5. CUSHION MATERIAL APPLICATIONS

NITRILE RUBBER — FUEL RESISTANT : INACTIVE FOR NEW DESIGN - USE MIL-C-85052/1.

ETHYLENE PROPYLENE RUBBER — PHOSPHATE ESTER HYDRAULIC FLUID RESISTANT INACTIVE FOR NEW DESIGN - USE MIL-C-85052/2.

FABRIC SUPPORTED SILICONE - TEMPERATURE RANGE -65°F TO +500°F. POOR RESISTANCE TO PETROLEUM BASED FLUIDS (FUEL/HYD), FAIR RESISTANCE TO PHOSPHATE ESTER HYD FLUID. USE ONLY IN AREAS SUBJECT TO HIGH OPERATING TEMPERATURES (+275°F TO +500°F) WITH MINIMAL FLUID EXPOSURE.

PROCUREMENT NOTES

PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC AND MANUFACTURER'S PART NUMBER ON THE PURCHASE ORDER.

PART NUMBER CALLOUT - ENGINEERING DRAWING

DSC150SS24

CUSHION MATERIAL

FABRIC SUPPORTED SILICONE RUBBER (NO SUFFIX)

N - ~~BUNA N NITRILE~~ - INACTIVE FOR NEW DESIGN - REF NOTE 5

E - ~~ETHYLENE PROPYLENE~~ - INACTIVE FOR NEW DESIGN - REF NOTE 5

DIA 'D' IN 1/16 INCH

BAND MATERIAL

- = ALUMINUM ALLOY 2024-T4 (-65°F TO + 275°F)

SS = 301/302 CRES ANNEALED (-320°F TO +900°F)

BASIC NUMBER

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	W. SIMMONS
STRESS	---
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TITLE:
CLAMP "P" TYPE, CUSHIONED, PREMIUM QUALITY

DSC 150
PAGE 2 OF 4

(B) EDITORIAL CORRECTION
NO TECHNICAL CHANGE

REV:

REV:

REV:

REV:

REV: B - 17 JUL 00

REV: A - 13 SEP 99

APPROVED: 20 JUL 99

SOURCE CONTROL DRAWING

VENDORS PART NUMBER CALLOUT - PURCHASE ORDER

TA12C59WSS24HB

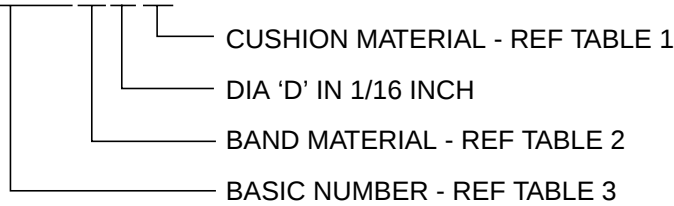


Table 1: CUSHION MATERIAL CODE

MATERIAL	COLOUR	TEMPERATURE RANGE	DH CODE	VENDORS CODE			
				TA	ADEL	J and M	(B) STAR
BUNA-N NITRILE (1)	YELLOW	-65°F TO + 275°F	N	NB	NB	N	NB
ETHYLENE-PROPYLENE (1)	PURPLE	-65°F TO + 275°F	E	EP	EP	E	EP
FABRIC SUPPORTED SILICONE	PINK/RED	-65°F TO + 500°F	NIL	HB	HT	NIL	HTW
(1) INACTIVE FOR NEW DESIGN							

Table 2: BAND MATERIAL CODE

MATERIAL	TEMPERATURE RANGE	DH CODE	VENDORS CODE			
			TA	ADEL	J and M	(B) STAR
ALUMINUM ALLOY 2024-T4	-65°F TO + 275°F	-	DO	-	-	A
CRES 301/302 ANNEALED	-65°F TO + 900°F	SS	CO	SS	SS	SS

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD	TITLE: CLAMP "P" TYPE, CUSHIONED, PREMIUM QUALITY	DSC 150
CHECKED	W. SIMMONS		
STRESS	---		PAGE 3 OF 4
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SOURCE CONTROL DRAWING

Table 3: APPROVED VENDORS BASIC P/N LISTING

PART No.	VENDORS			
	TA MFG	ADEL FASTENERS	J and M PROD (3)	③ STAR TECHNOLOGIES
DSC150(1)2(2)	TA12C59W(1)02(2)	10126(1)2(2)	JM44LC50W(1)02(2)	50062(1)2(2)
DSC150(1)3(2)	TA12C59W(1)03(2)	10126(1)3(2)	JM44LC50W(1)03(2)	50062(1)3(2)
DSC150(1)4(2)	TA12C59W(1)04()	10126(1)4(2)	JM44LC50W(1)04(2)	50062(1)4(2)
DSC150(1)5(2)	TA12C59W(1)05(2)	10126(1)5(2)	JM44LC50W(1)05(2)	50062(1)5(2)
DSC150(1)6(2)	TA12C59W(1)06(2)	10126(1)6(2)	JM44LC50W(1)06(2)	50062(1)6(2)
DSC150(1)7(2)	TA12C59W(1)07(2)	10126(1)7(2)	JM44LC50W(1)07(2)	50062(1)7(2)
DSC150(1)8(2)	TA12C59W(1)08(2)	10126(1)8(2)	JM44LC50W(1)08(2)	50062(1)8(2)
DSC150(1)9(2)	TA12C59W(1)09(2)	10126(1)9(2)	JM44LC50W(1)09(2)	50062(1)9(2)
DSC150(1)10(2)	TA12C59W(1)10(2)	10126(1)10(2)	JM44LC50W(1)10(2)	50062(1)10(2)
DSC150(1)11(2)	TA12C59W(1)11(2)	10126(1)11(2)	JM44LC50W(1)11(2)	50062(1)11(2)
DSC150(1)12(2)	TA12C59W(1)12(2)	10126(1)12(2)	JM44LC50W(1)12(2)	5062(1)12(2)
DSC150(1)14(2)	TA12C59W(1)14(2)	10126(1)14(2)	JM44LC50W(1)14(2)	50062(1)14(2)
DSC150(1)16(2)	TA12C59W(1)16(2)	10126(1)16(2)	JM44LC50W(1)16(2)	50062(1)16(2)
DSC150(1)18(2)	TA12C59W(1)18(2)	10126(1)18(2)	JM44LC50W(1)18(2)	50062(1)18(2)
DSC150(1)19(2)	TA12C59W(1)19(2)	10126(1)19(2)	JM44LC50W(1)19(2)	50062(1)19(2)
DSC150(1)20(2)	TA12C59W(1)20(2)	10126(1)20(2)	JM44LC50W(1)20(2)	50062(1)20(2)
DSC150(1)22(2)	TA12C59W(1)22(2)	10126(1)22(2)	JM44LC50W(1)22(2)	50062(1)22(2)
DSC150(1)24(2)	TA12C59W(1)24(2)	10126(1)24(2)	JM44LC50W(1)24(2)	50062(1)24(2)
DSC150(1)28(2)	TA12C59W(1)28(2)	10126(1)28(2)	JM44LC50W(1)28(2)	50062(1)28(2)
DSC150(1)48(2)	TA12C59W(1)48(2)	10126(1)48(2)	JM44LC50W(1)48(2)	50062(1)48(2)
(1) BAND MATERIAL - REF TABLE 2 (2) CUSHION MATERIAL - REF TABLE 1 (3) J and M CLAMPS SUPPLIED UNDER DSC PART NUMBER				

③ VENDORS ADDRESSES & CAGE CODES

TA MFG CORP - GLENDALE, CA, USA - CAGE CODE 4L996

ADEL FASTENERS - DIVISION OF TRANSDIGM INC - LOS ANGELES, CA - CAGE CODE 83930

J and M PRODUCTS INC - BURBANK, CA, USA - CAGE CODE 22175

STAR TECHNOLOGIES INC - HUNTINGTON, WV - CAGE CODE 02WC8

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD	TITLE: CLAMP "P" TYPE, CUSHIONED, PREMIUM QUALITY	DSC 150
CHECKED	W. SIMMONS		
STRESS	---		
APPROVED	S. HAMID		PAGE 4 OF 4

③ VENDORS ADDRESSES & CAGE CODE LISTING UPDATED
STAR TECHNOLOGIES P/N ADDED TO APPROVED VENDOR LIST

REV:

REV:

REV:

REV:

REV: B - 17 JUL 00

REV: A - 13 SEP 99

APPROVED: 20 JUL 99