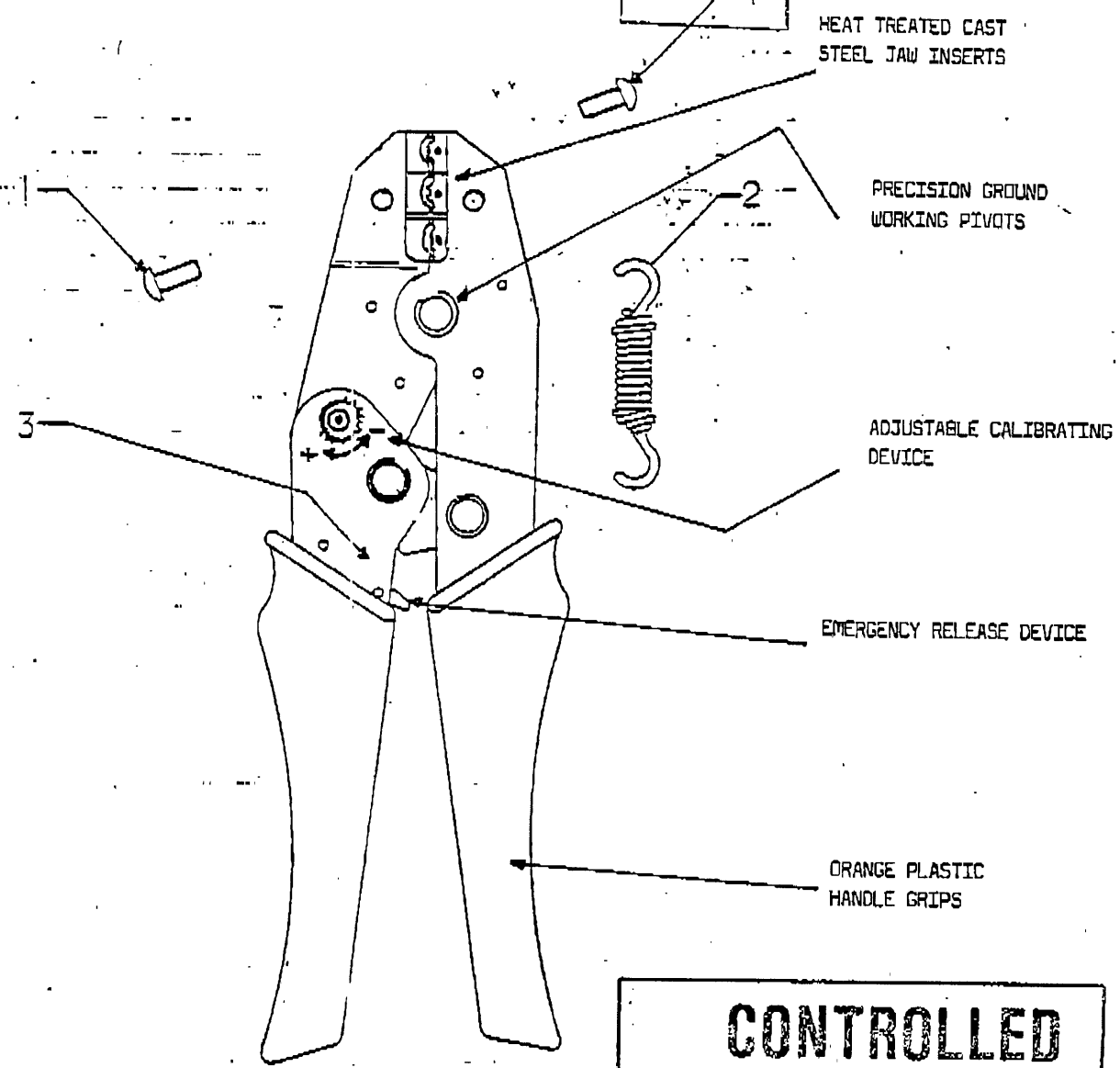


DESCRIPTION		QUALITY SYSTEM NO:	
MAINTENANCE CALIBRATION AND TEST PROCEDURE FOR DHCR 15 RATCHET TYPE TOOL (DAVICO A)		DAV 1080	
DISTRIBUTION		SHEET 1 of 8	
SALES DIRECTOR.	MANAGING DIRECTOR	ISSUE DATE. 5-4-90	
TEST. STORES	INSPECTION REPRESENTATIVE.	SIGNED: <i>[Signature]</i>	

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MASTER



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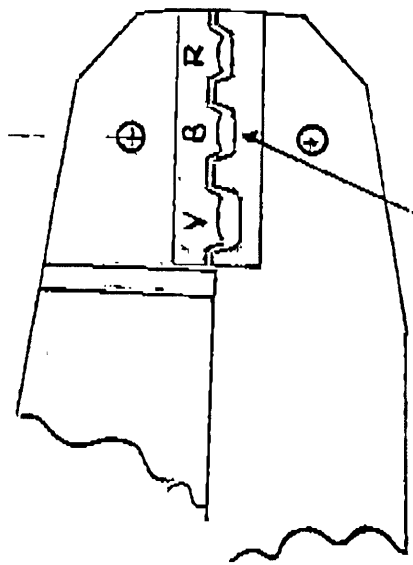
ITEM	DESCRIPTION.
1	M4 X 10 ROUND HEAD SOCKET SCREWS
2	MAIN HANDLE SPRING
3	AUXILIARY RATCHET RELEASE SPRING

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	REV 2	DATE	SIG
	REV 3	DATE	SIG

DESCRIPTION	MAINTENANCE CALIBRATION AND TEST	QUALITY SYSTEM NO:
	PROCEDURE FOR DHCR 15 RATCHET TYPE TOOL (DAVICO A)	DAV 1080

DISTRIBUTION	MANAGING DIRECTOR	SHEET 2 of 8
SALES DIRECTOR.	INSPECTION REPRESENTATIVE:	ISSUE DATE. 5-4-90
TEST. STORES	★ DAVICO	SIGNED. <i>[Signature]</i>

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CHECK JAW APERTURES WITH GO & NO GO GAUGES OR BY SOLID IMPRESSION METHOD

GO AND NO GO GAUGES MUST ENTER ON CONDUCTOR SIDE OF JAW SET.

- 1, GO AND NO GO GAUGES.

- A. CHECK THE THREE APERTURES WITH GO AND NO GO GAUGES.

- B. IF NO-GO GAUGE ENTERS THE TOOL APERTURE THE FOLLOWING PROCEDURE SHOULD BE FOLLOWED IN ORDER TO ATTEMPT CORRECTION.
 - 1, UNSCREW THE SOCKET SCREW FROM THE CALIBRATING DEVICE AND ROTATE TOWARDS THE POSITIVE INDICATOR AND THIS SHOULD TIGHTEN THE JAW AND REDUCE THE TOLERANCING.

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	REV 2	DATE	SIG
	REV 3	DATE	SIG

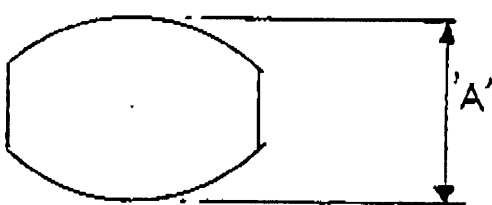
DESCRIPTION FOR DHCR 15 RATCHET TYPE TOOL (DAVICO A)	MAINTENANCE CALIBRATION AND TEST PROCEDURE	QUALITY SYSTEM NO: DAV 1080
DISTRIBUTION SALES DIRECTOR. TEST. STORES	MANAGING DIRECTOR INSPECTION REPRESENTATIVE	SHEET 3 of 8 ISSUE DATE. 5-4-90 SIGNED. <i>[Signature]</i>

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CONTINUE THIS NOTCH BY NOTCH CHECKING WITH GAUGES AT EACH STAGE.

IF THE MAXIMUM IS REACHED WITHOUT ANY APPRECIABLE CHANGE THEN THE TOOL SHOULD BE WITHDRAWN FROM USE AND RETURNED TO DAVICO FOR REPAIR...

- 2 SOLID IMPRESSION METHOD -
- A INSERT INDIVIDUALLY INTO THE CONDUCTOR APERTURE OF THE RED, BLUE, & YELLOW JAW, A SECTION OF TIMMANS SOLDER OR PURE SOFT ALUMINIUM BAR, COMPRESS THE HANDLES UNTIL RATCHET IS RELEASED.
- B MEASURE ACCURATELY WITH VERNIER GAUGE OR EQUIVALENT THE DIMENSION ACROSS THE CONDUCTOR IMPRESSION SEE DIMENSION 'A' BELOW.



THE TOLERANCE SHOULD BE WITHIN THE RANGE IF DIMENSIONS AS DETAILED IN TABLE 1.

RED JAW	2.20 - 2.40
BLUE JAW	2.80 - 3.10
YELLOW JAW	3.30 - 3.60

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	REV 2	DATE	SIG
	REV 3	DATE	SIG

DESCRIPTION		MAINTENANCE CALIBRATION AND TEST		QUALITY SYSTEM NO:	
PROCEDURE FOR DHCR 15 RATCHET TYPE TOOL (DAVICO A)				DAV 1080	
DISTRIBUTION		MANAGING DIRECTOR		SHEET 4 of 8	
SALES DIRECTOR.		INSPECTION REPRESENTATIVE. ★		ISSUE DATE. 5-4-90	
TEST. STORES		DAVICO		SIGNED. <i>[Signature]</i>	

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SOLID IMPRESSION METHOD CONTINUED..

IF THE RED, BLUE & YELLOW JAWS FALL WITHIN THE SPECIFIED TOLERANCE

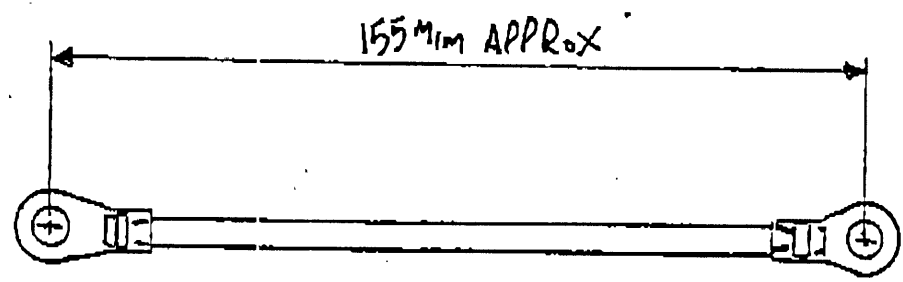
THE TOOL IS CONSIDERED CORRECT AND AVAILABLE FOR USE.

TENSILE PULL OFF TESTS.

IN ADDITION TO THE GO/ NO GO GAUGE AND SOLID IMPRESSION METHOD CUSTOMERS ARE ADVISED TO INITIATE TENSILE PULL OFF TESTS AT LEAST ONCE EVERY TWELVE MONTHS

THE PROCEDURE IS AS FOLLOWS;-

FROM EACH INDIVIDUAL TOOL SIX SAMPLES OF THE SMALLEST CABLE SIZE SHOULD BE CRIMPED WITH THE APPROPRIATE JAW SET, THE SAMPLES SHOULD BE ASSEMBLED AS SKETCH 'B'



SKETCH 'B'

TENSILE PULL-OFF FIGURES ARE IMPLEMENTED IN ACCORDANCE WITH B.S. 4579 PART 1 1970 (1988)

THESE FIGURES ARE AS DETAILED IN THE TABELS AS INDICATED ON SHEETS 5 TO 8

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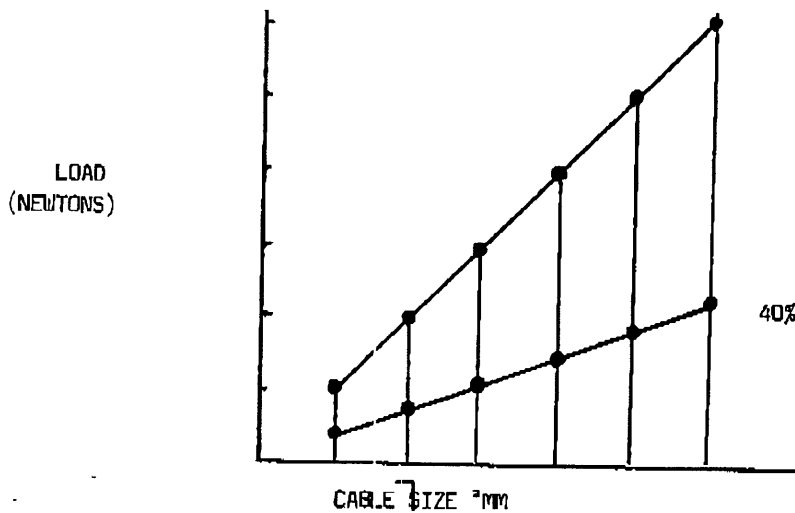
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REV 1	DATE		SIG
REV 2	DATE		SIG
REV 3	DATE		SIG

DESCRIPTION	TERMINAL TENSILE PULL-OFF LOADS 0.5 TO 4 ^{mm} FLEXIBLE	QUALITY SYSTEM NO: DAV 1080
DISTRIBUTION	MANAGING DIRECTOR	SHEET 5 of 8
SALES DIRECTOR.	INSPECTION REPRESENTATIVE. ★	ISSUE DATE. 5-4-90
TEST. STORES	DAVICO	SIGNED. <i>R. Brown</i>

IN ACCORDANCE WITH THE DIRECTIVES OF B.S. 6360 1981 CLASS 5 & 6 DEFINED AS FLEXIBLE CABLES REQUIRING 40% OF THE ULTIMATE BREAKING LOAD OF THE CABLE TO B.S. 4579 1970 (1988) PART 1 ALSO INCLUDING CABLES AS DETAILED IN B.S. 6231 1981 AND B.S. 6004 1984.

CABLE SIZE ^{mm}	ULTIMATE BREAKING LOAD	REQUIRED PULL-OFF LOAD
0.5	116.5 NEWTONS	46.6 NEWTONS
0.75	174.7 "	69.88 "
1.0	233 "	93.2 "
1.5	349.5 "	139.8 "
2.5	582.5 "	233 "
4	932 "	372.8 "



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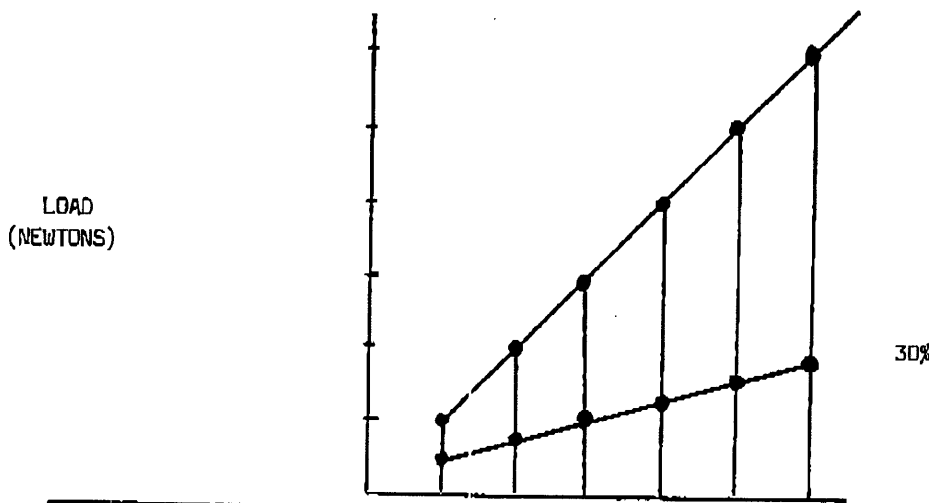
REV 1	DATE	SIG
REV 2	DATE	SIG
REV 3	DATE	SIG

DESCRIPTION	TERMINAL TENSILE PULL-OFF LOADS 6 TO 50 ² MM FLEXIBLE	QUALITY SYSTEM NO: DAV 1080
DISTRIBUTION	MANAGING DIRECTOR	SHEET 6 of 8
SALES DIRECTOR.	INSPECTION REPRESENTATIVE	ISSUE DATE. 5-4-90
TEST. STORES	★ DAVICO	SIGNED. <i>[Signature]</i>

IN ACCORDANCE WITH THE DIRECTIVES OF B.S. 6360 1981 CLASS 5 & 6 DEFINED AS FLEXIBLE CABLES REQUIRING 30% OF THE ULTIMATE BREAKING LOAD OF THE CABLE TO B.S. 4579 1970 (1988) PART 1

ALSO INCLUDING CABLES AS DETAILED IN B.S. 6231 1981 AND B.S. 6004 1984.

CABLE SIZE ² MM	ULTIMATE BREAKING LOAD	REQUIRED PULL-OFF LOAD
6	1398 NEWTONS	420 NEWTONS
10	2330 "	699 "
16	3278 "	984 "
25	5025 "	1784 "
35	8155 "	2447 "
50	11,650 "	3495 "



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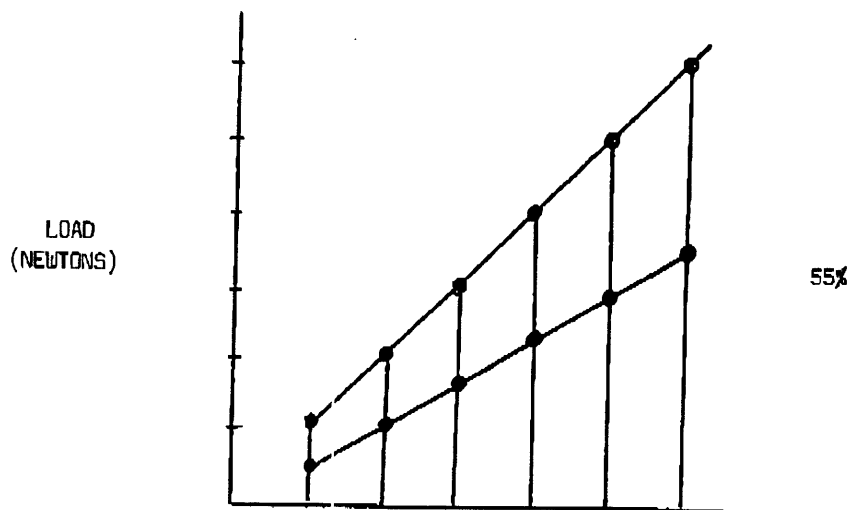
REV 1	DATE	SIG
REV 2	DATE	SIG
REV 3	DATE	SIG

DESCRIPTION	TERMINAL TENSILE PULL-OFF LOADS TO 0.5 TO 4 ^{MM} STRANDED	QUALITY SYSTEM NO: DAV 1080
DISTRIBUTION	MANAGING DIRECTOR	SHEET 7 of 8
SALES DIRECTOR.	INSPECTION REPRESENTATIVE	ISSUE DATE. 5-4-90
TEST. STORES	DAVICO MASTER	SIGNED. <i>[Signature]</i>

IN ACCORDANCE WITH THE DIRECTIVES OF B.S. 6360 1981 CLASS 2 DEFINED AS 'STRANDED CABLES' REQUIRING 55% OF ULTIMATE BREAKING LOAD TO B.S. 4579 1970 (1988) PART 1.

ALSO INCLUDING CABLES AS DETAILED IN B.S. 6231 1981 AND B.S. 6004 1984.

CABLE SIZE ^{MM}	ULTIMATE BREAKING LOAD	REQUIRED PULL-OFF LOAD
0.5	116.5 NEWTONS	64 NEWTONS
0.75	174.7 "	96 "
1.0	233 "	128 "
1.5	349.5 "	192 "
2.5	582.5 "	320 "
4	932 "	512 "



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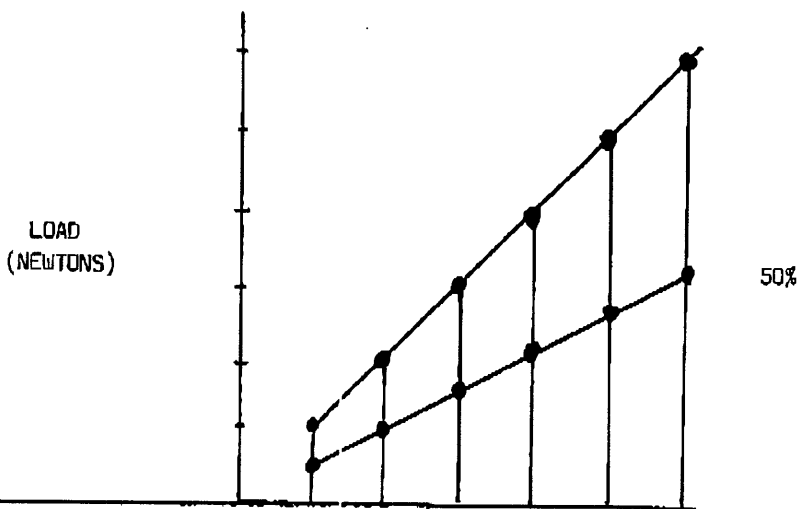
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REV	DATE	SIG
1		
2		
3		

DESCRIPTION	TERMINAL TENSILE PULL-OFF LOADS 6 TO 50 ² MM STRANDED	QUALITY SYSTEM NO: DAV 1080
DISTRIBUTION	MANAGING DIRECTOR	SHEET 8 of 8
SALES DIRECTOR, TEST STORES	INSPECTION REPRESENTATIVE. ★ DAVICO	ISSUE DATE. 5-4-90
		SIGNED. <i>[Signature]</i>

IN ACCORDANCE WITH THE DIRECTIVES OF B.S. 6360 1981 CLASS 2 DEFINED AS 'STRANDED CABLES' REQUIRING 50% OF THE ULTIMATE BREAKING LOAD OF THE CABLE TO B.S. 4579 1970 (1988) PART 1
MASTER
 ALSO INCLUDING CABLES AS DETAILED IN B.S. 6231 1981 AND B.S. 6004 1984.

CABLE SIZE ² MM	ULTIMATE BREAKING LOAD	REQUIRED PULL-OFF LOAD
6	1398 NEWTONS	699 NEWTONS
10	2330 "	1165 "
16	3728 "	1864 "
25	5825 "	2912 "
35	8155 "	4077 "
50	11,650 "	5825 "



CONTROLLED CABLE SIZE²MM

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REV. 1	DATE		SIG
REV. 2	DATE		SIG
REV. 3	DATE		SIG

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5. AUG. 2003-16:48 DAVICO