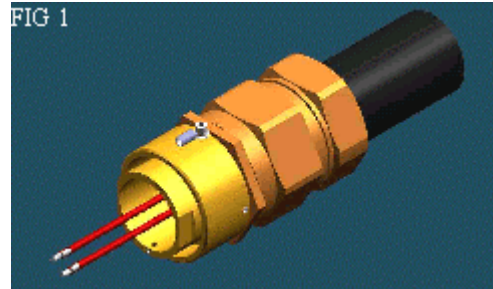


Ex CONNECTOR TERMINATION PROCEDURE

1) ASSEMBLE CABLE INTO CABLE GLAND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REFER TO HAWKE CABLE GLANDS CATALOGUE FOR DETAILS ON GLAND SELECTION.



2) STRIP BACK CONDUCTORS TO LENGTH'S SHOWN BELOW:-

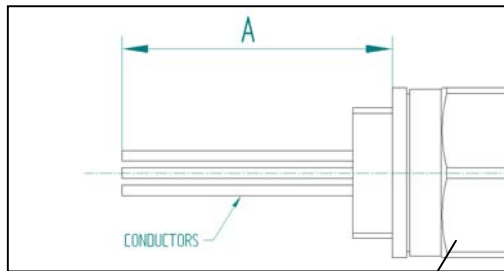
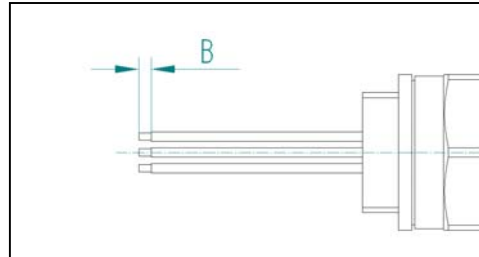


FIG 2
CABLE GLAND

Dimension 'A'						
	Ex16	Ex25	Ex32	Ex40	Ex50	Ex63
1.5mm sq S/Cup	80	120	125	130	120	120
2.5mm sq S/Cup	n/a	120	125	130	120	120
6.0mm sq S/Cup	n/a	120	125	130	n/a	n/a
10/16mm sq S/Cup	n/a	n/a	120	125	n/a	n/a
25/35mm sq S/Cup	n/a	n/a	n/a	125	n/a	n/a
1.5mm sq Crimp	70	110	115	120	110	110
2.5mm sq Crimp	n/a	110	115	120	110	110
6.0mm sq Crimp	n/a	110	115	120	n/a	n/a
10/16mm sq Crimp	n/a	n/a	100	105	n/a	n/a
25/35mm sq Crimp	n/a	n/a	n/a	105	n/a	n/a

3) STRIP BACK CONDUCTOR INSULATION TO LENGTHS SHOWN BELOW. TIN THE CONDUCTORS. (SOLDER CUP TERMINATION ONLY)

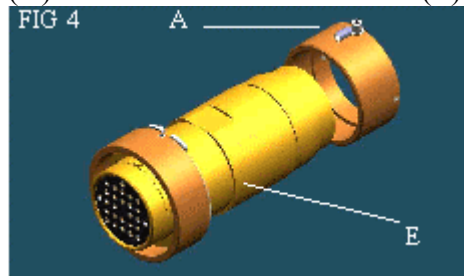
FIG 3



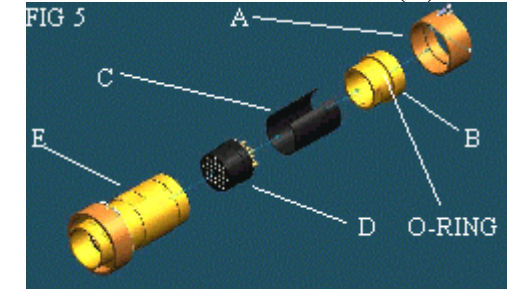
Dimension 'B'
(mm)

1.5mm sq S/Cup	5
2.5mm sq S/Cup	5
6.0mm sq S/Cup	7
10/16mm sq S/Cup	9
25/35mm sq S/Cup	9
1.5mm sq Crimp	8
2.5mm sq Crimp	8
6.0mm sq Crimp	8
10/16mm sq Crimp	14
25/35mm sq Crimp	14

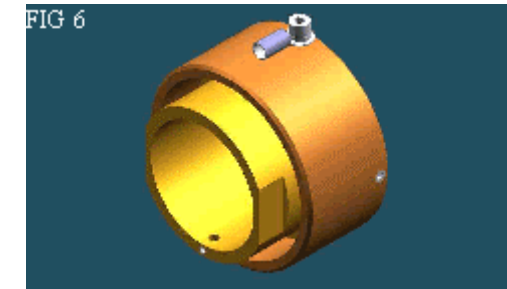
4) UNSCREW THE REAR ENGAGING NUT (A) FROM THE MAIN BODY (E).



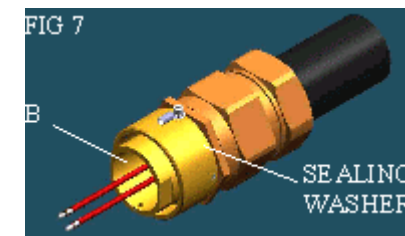
5) REMOVE THE REAR SHELL (B) (WITH O-RING), SPACER (C) AND INSERT (D) FROM THE MAIN BODY (E).



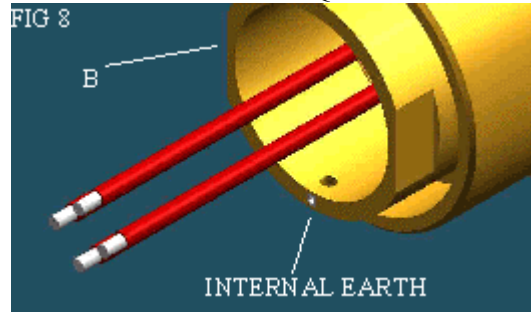
6) SLIDE THE REAR ENGAGING NUT OVER THE REAR SHELL



7) ASSEMBLE THE CABLE GLAND INTO THE REAR SHELL (B). ENSURE THAT A SEALING WASHER (AVAILABLE FROM HAWKE) IS PRESENT BETWEEN THE GLAND AND THE REAR SHELL.

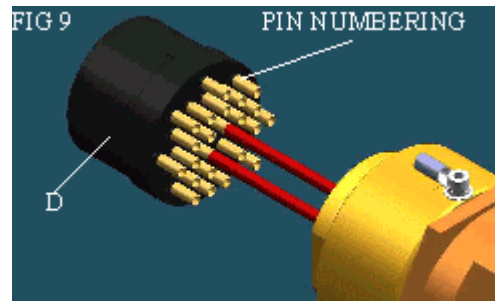


8) IF REQUIRED, TERMINATE AN APPROPRIATE CONDUCTOR TO THE INTERNAL EARTH ATTACHMENT ON THE REAR SHELL (B) BY PLACING THE CONDUCTOR INTO THE HOLE AND TIGHTENING THE GRUB SCREW ONTO THE CONDUCTOR. CUT BACK THE CONDUCTOR AS REQUIRED.

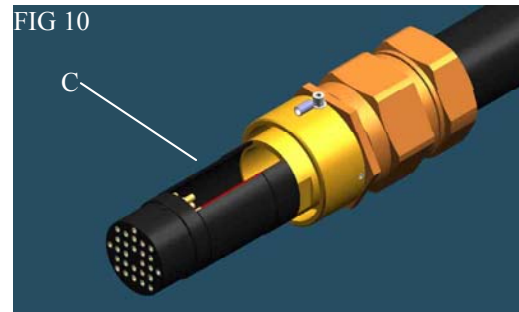


9) SOLDER CONDUCTORS INTO THE INSERT (D) AS REQUIRED. CONTACTS ARE NUMBERED ON THE REAR OF THE INSERT.

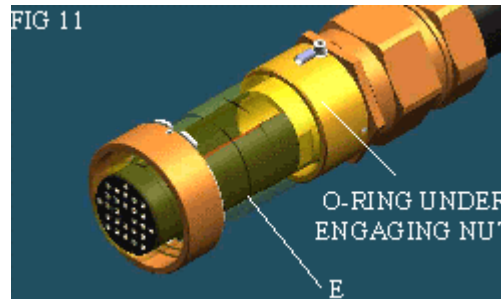
OR,
REMOVE CRIMPS FROM THE CONTACTS. CRIMP CONDUCTORS INTO THE CRIMPS USING A SUITABLE TOOL AND RE-ASSEMBLE THE CRIMPS TO THE INSERT. TAKE CARE WHEN FITTING CRIMPS ON CONDUCTORS 6mm SQ OR LARGER, TO ORIENTATE THE GRUB SCREW HOLES OUTWARDS, THIS WILL GREATLY ASSIST IN RE-ASSEMBLING THE CRIMP TO THE INSERT.



10) SLIDE THE INLINE SPACER (C) OVER THE CONDUCTORS.

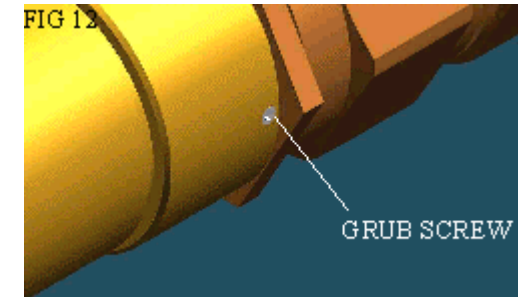


11) CHECK THAT THE O-RING SEAL IS PRESENT ON REAR SHELL. SLIDE THE MAIN BODY (E) OVER THE INSERT, SPACER AND REAR SHELL. ENSURE THAT THE KEY ON THE INSERT IS ALIGNED WITH THE MAIN BODY (E) KEYWAY.



12) SCREW THE REAR ENGAGING NUT (A) BACK ONTO THE MAIN BODY (E).

13) TIGHTEN THE TWO M4 GRUB SCREWS ON THE REAR ENGAGING NUT ONTO THE REAR SHELL.



14) IF REQUIRED, INSTALL AN EXTERNAL EARTH CONNECTION INTO THE EARTH TERMINAL PROVIDED.

