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PLESSEY UK - AN CONNECTORS

GENERAL AND TECHNICAL INFORMATION

BY COMMAND OF THE DEFENCE COUNCIL

A handwritten signature in black ink, likely belonging to the Minister of Defence at the time of publication.

Ministry of Defence
Sponsored for use in the

ROYAL AIR FORCE by SM43c2 (RAF)
ROYAL NAVY by DGA (RN)
ARMY BY DGEMA (A)

Publications Authority: DDAL-ATP (RAF)

Service users should send their comments through
the channel prescribed for the purpose in:
AP100B-01 Order 0504 (RAF)
Naval Aircraft Maintenance Manual (RN)

AMENDMENT RECORD

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TECHNICAL ENQUIRIES

RAF

1 Technical enquiries concerning these connectors should be directed to the Engineering Authority SM43c2(RAF), RAF Wyton. Telephone RAF Wyton (95371), extension 5893 for urgent enquiries.

2 Technical enquiries concerning tooling for these connectors should be directed to the Engineering Authority for Electrical hand tools, Tooling Cell, RAF Wyton. Telephone RAF Wyton (95371), extension 7183 for urgent enquiries.

RN

3 Technical enquiries concerning these connectors or tooling for these connectors should be directed to DGA(N)L1.3, Room 110B, Aircraft Support Executive, Yeovilton, Somerset, BA22 8HW.

WARNINGS

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH

MAKE SURE YOU KNOW THE SAFETY PRECAUTIONS AND FIRST AID INSTRUCTIONS
BEFORE YOU USE A HAZARDOUS SUBSTANCE

READ THE LABEL ON THE CONTAINER IN WHICH THE SUBSTANCE IS SUPPLIED

READ THE DATA SHEET APPLICABLE TO THE SUBSTANCE

OBEY THE LOCAL ORDERS AND INSTRUCTIONS

WARNINGS

(1) ELECTRICAL SAFETY. BEFORE STARTING WORK ON ANY ELECTRICAL SYSTEM ENSURE THAT THE POWER SUPPLY IS ISOLATED. SUITABLE PRECAUTIONS ARE TO BE TAKEN TO PREVENT REINSTATEMENT OF POWER WHILST WORKING ON THE SYSTEM, eg PLACARDS DISPLAYED, CBs TRIPPED, FUSES REMOVED.

(2) HIGH VOLTAGE ELECTRICAL SYSTEMS. WHEN WORKING WITH HIGH VOLTAGE ELECTRICAL SYSTEMS REQUIRING EXPOSURE TO LIVE UNPROTECTED CONDUCTORS, A SECOND SAFETY PERSON (SAFETY MAN) IS ALWAYS TO BE IN ATTENDANCE.

Chapter 1DESCRIPTION

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Introduction

1 The UK-AN connectors are a range of environmental resistant, threaded coupling, circular connectors manufactured by Plessey.

DESCRIPTION

Specifications

2 UK-AN connectors meet the requirements of Ministry of Defence specification EL 1987.

Intermountability and intermateability

3 UK-AN connectors are intermountable and intermateable with connectors complying with specification MIL-C-5015 e.g., MS types. In service connectors complying with specification MIL-C-5015 are as follows:

3.1 Hellermann Deutsch HAN series.

3.2 Cannon MS and CA series.

3.3 Amphenol MS series.

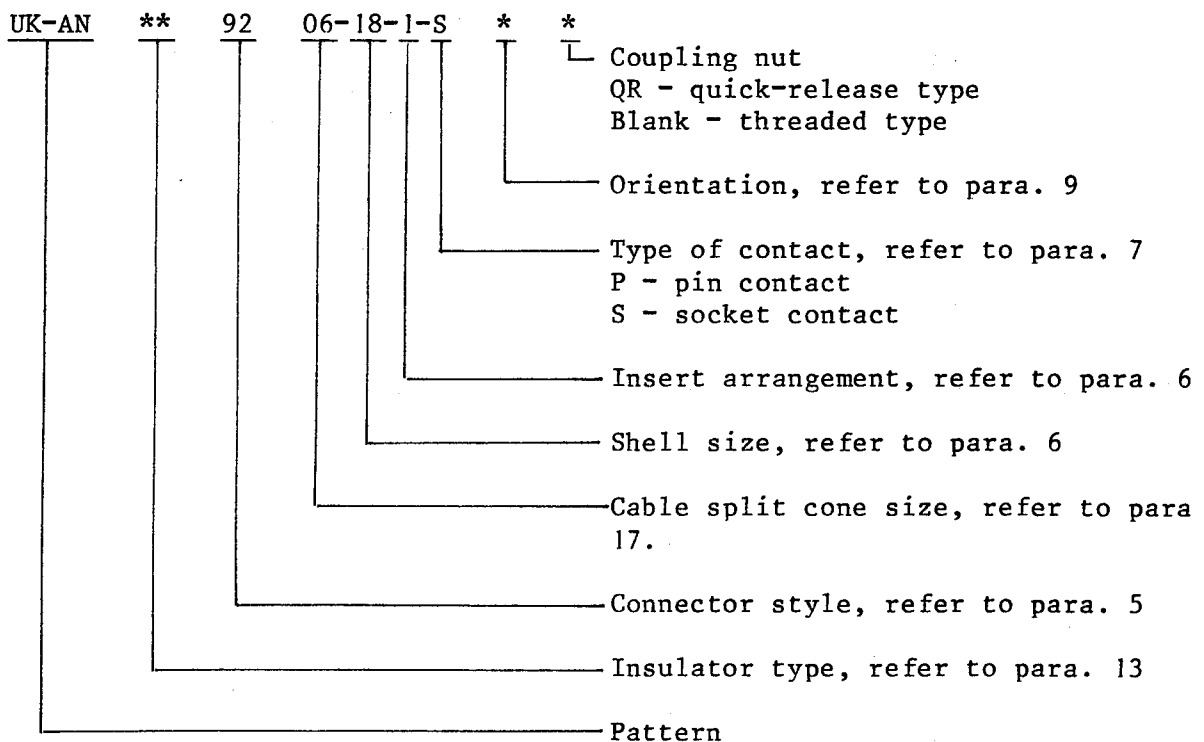
3.4 Thorn MS series.

Note ...

When UK-AN connectors are fitted, they must not be substituted without reference to the relevant engineering authority for the equipment involved. To do so may denigrate the design standard of the equipment.

Connector identification

4 UK-AN connectors are identified by the manufacturer's part number. A typical part number is UK-AN 92 06-18-1-S. The significance of the part number is as follows:-



Connector styles

5 The connectors are available in five styles of shell, fixed and free units and aluminium alloy or steel. The steel types are available fire-proof or non-fireproof. Figs. 1 to 5 show typical styles and Table 1 details the styles and type by manufacturer's code number.

Note ...

The manufacturer's code number is used in full in Table 1. Only the first two digits of this code are used in the manufacturer's part number for the connector.

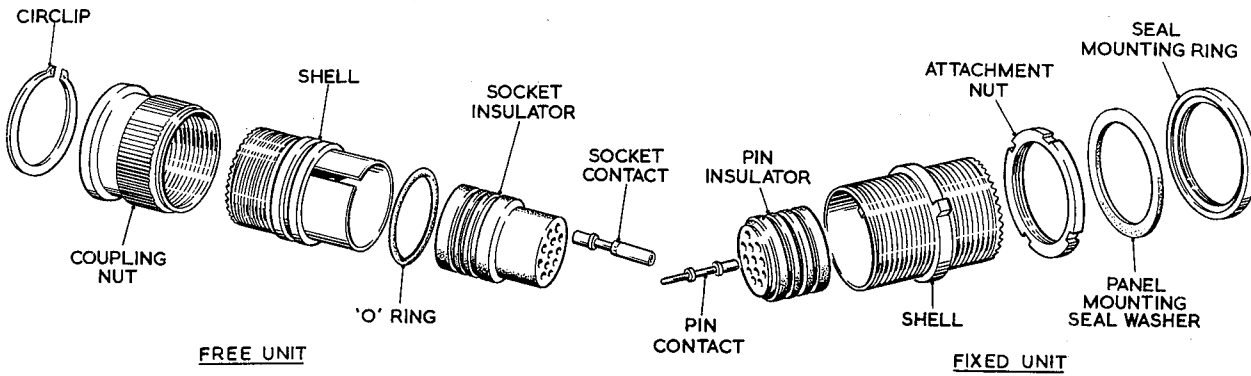


Fig. 1 Basic unit:exploded views, fixed and free units

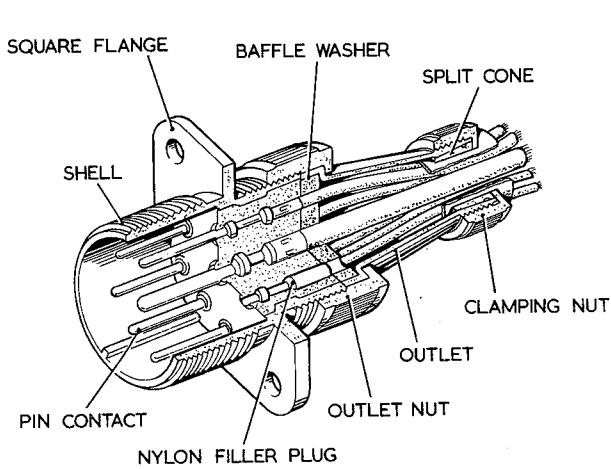


Fig. 2 Straight outlet: section view, fixed unit, square flange

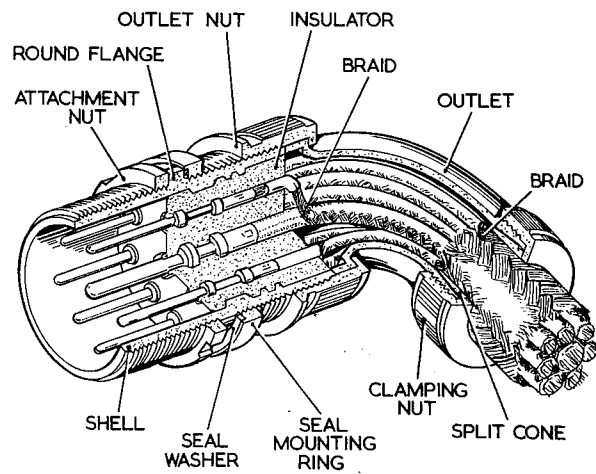


Fig. 3 Angle outlet: section view, fixed unit, round flange

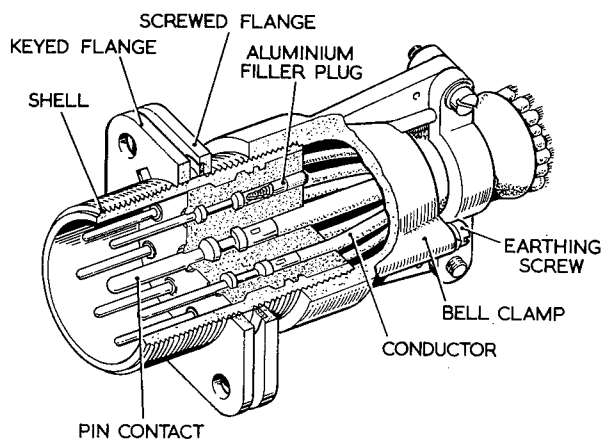


Fig. 4 Bell clamp: section view, fixed unit, square flange

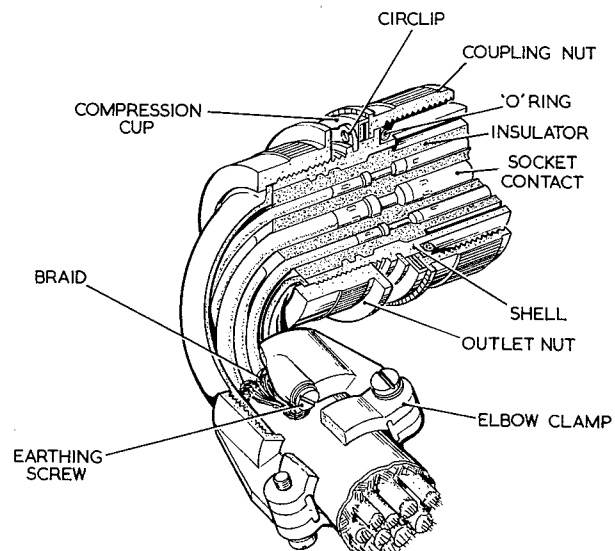


Fig. 5 Elbow clamp: section view, free unit

TABLE 1 SHELL STYLES

Code No.	Description
5000	Basic fixed unit, square flange, steel, non-fireproof
5100	Fixed unit, square flange, steel, non-fireproof, straight outlet
5200	Fixed unit, square flange, steel, non-fireproof, angle outlet
5300	Basic fixed unit, square flange, steel, fireproof
5400	Fixed unit, square flange, steel, fireproof, straight outlet
5500	Fixed unit, square flange, steel, fireproof, angle outlet
5600	Fixed unit, square flange, steel, non-fireproof, bell clamp outlet
5700	Fixed unit, square flange, steel, fireproof, bell clamp outlet
5800	Fixed unit, square flange, steel, non-fireproof, elbow clamp outlet
5900	Fixed unit, square flange, steel, fireproof, elbow clamp outlet
6000	Basic free unit, steel, non-fireproof
6100	Free unit, steel non-fireproof, straight outlet
6200	Free unit, steel, non-fireproof, angle outlet
6300	Basic free unit, steel, fireproof
6400	Free unit steel, fireproof, straight outlet
6500	Free unit, steel, fireproof, angle outlet
6600	Free unit, steel, non-fireproof, bell clamp outlet
6700	Free unit, steel, fireproof, bell clamp outlet
6800	Free unit, steel, non-fireproof, elbow clamp outlet
6900	Free unit, steel, fireproof, elbow clamp outlet
7000	Basic fixed unit, square flange, aluminium
7100	Fixed unit, square flange, aluminium, straight outlet
7200	Fixed unit, square flange, aluminium, angle outlet
7600	Fixed unit, square flange, aluminium, bell clamp outlet
7800	Fixed unit, square flange, aluminium, elbow clamp outlet
8000	Basic fixed unit, round flange, aluminium
8100	Fixed unit, round flange, aluminium, straight outlet
8200	Fixed unit, round flange, aluminium, angle outlet
8600	Fixed unit, round flange, aluminium, bell clamp outlet
8800	Fixed unit, round flange, aluminium, elbow clamp outlet
9000	Basic free unit, aluminium
9100	Free Unit, aluminium, straight outlet
9200	Free Unit, aluminium, angle outlet
9600	Free unit, aluminium, bell clamp outlet
9800	Free unit, aluminium, elbow clamp outlet

Shell size and insert arrangement (figs. 17 to 19)

6 The available insert arrangements in ascending order of shell size are shown in figs. 17 to 19. The number and size of contacts are detailed in Table 2.

TABLE 2 SHELL SIZE AND INSERT ARRANGEMENTS

Shell size/insert arrangement	No. of contacts			
	Size 16	Size 12	Size 8	Size 4
*10S-3	3	-	-	-
*10S-4	2	-	-	-
*12S-1	2	-	-	-
*12S-2	2	-	-	-
12S-3	2	-	-	-
12S-4	1	-	-	-
14S-2	4	-	-	-
*14S-4	1	-	-	-
14S-5	5	-	-	-
*14S-6	6	-	-	-
14S-7	3	-	-	-
14S-9	2	-	-	-
*14S-10	4	-	-	-
*14S-11	4	-	-	-
16-1	7	-	-	-
*16-2	-	1	-	-
16-7	2	-	1	-
16-8	5	-	-	-
16-9	2	2	-	-
16-10	-	3	-	-
16-11	-	2	-	-
*16-12	-	-	-	1
18-1	10	-	-	-
18-3	-	2	-	-
18-4	4	-	-	-
18-5	1	2	-	-
*18-6	-	-	-	1
*18-7	-	-	1	-
18-8	7	1	-	-
18-9	5	2	-	-
18-10	-	4	-	-
18-11	-	5	-	-
18-12	6	-	-	-
18-13	-	3	1	-
18-14	1	-	-	1
#*18-16	-	1	-	-
*18-17	5	2	-	-
*18-18	5	2	-	-
18-20	5	-	-	-
18-22	3	-	-	-
*18-23	10	-	-	-
*18-24	10	-	-	-
*18-25	-	2	-	-
*18-26	-	2	-	-
*18-27	-	2	-	-
*18-28	1	2	-	-
18-29	5	-	-	-
*18-30	5	-	-	-
*18-31	5	-	-	-

(continued)

TABLE 2 SHELL SIZE AND INSERT ARRANGEMENTS (continued)

Shell size/insert arrangement	No. of contacts			
	Size 16	Size 12	Size 8	Size 4
20-3	-	3	-	-
20-4	-	4	-	-
20-5	2	-	-	-
20-6	3	-	-	-
20-7	8	-	-	-
20-9	7	1	-	-
*20-11	13	-	-	-
20-12	1	-	-	1
20-14	-	3	2	-
20-15	-	7	-	-
20-16	7	2	-	-
20-17	1	5	-	-
20-18	6	3	-	-
20-19	-	-	3	-
20-20	-	3	-	1
20-21	8	1	-	-
20-22	3	-	3	-
20-23	-	-	2	-
20-24	2	-	2	-
*20-25	13	-	-	-
20-27	14	-	-	-
20-29	17	-	-	-
*20-30	13	-	-	-
*20-32	8	-	-	-
*20-33	11	-	-	-
22-1	-	-	2	-
22-2	-	-	3	-
22-3	1	-	-	1
22-4	-	2	2	-
22-5	4	2	-	-
22-6	1	-	2	-
22-8	-	2	-	-
22-9	-	3	-	-
22-10	4	-	-	-
22-11	2	-	-	-
22-12	3	-	2	-
22-13	1	4	-	-
22-14	19	-	-	-
22-15	1	5	-	-
22-16	6	3	-	-
22-17	8	1	-	-
22-18	8	-	-	-
22-19	14	-	-	-
22-20	9	-	-	-
22-22	-	-	4	-
22-23	-	8	-	-
22-24	4	2	-	-
22-27	8	-	1	-
22-28	-	7	-	-
22-29	6	-	--	1

(continued)

TABLE 2 SHELL SIZE AND INSERT ARRANGEMENTS (continued)

Shell size/insert arrangement	No. of contacts			
	Size 16	Size 12	Size 8	Size 4
*22-30	19	-	-	-
*22-32	4	2	-	-
22-33	7	-	-	-
22-34	2	3	-	-
22-36	-	8	-	-
24-2	-	7	-	-
24-3	5	2	-	-
24-5	16	-	-	-
24-6	-	8	-	-
24-7	14	2	-	-
24-9	-	-	-	2
24-10	-	-	7	-
24-11	-	6	3	-
24-12	-	3	-	2
*24-15	16	-	-	-
24-16	3	3	1	-
24-17	3	2	-	-
24-20	9	2	-	-
24-21	9	-	1	-
24-22	-	-	4	-
24-23	2	-	3	-
*24-24	16	-	-	-
*24-25	-	8	-	-
*24-26	-	8	-	-
24-27	7	-	-	-
24-28	24	-	-	-
28-1	-	6	3	-
28-2	12	2	-	-
28-3	-	-	3	-
28-4	7	2	-	-
28-5	2	1	-	2
28-6	-	-	-	3
28-7	-	-	-	2
28-8	10	2	-	-
28-9	6	6	-	-
28-10	-	3	2	2
28-11	18	4	-	-
28-12	26	-	-	-
*28-13	26	-	-	-
28-14	11	-	-	-
28-15	35	-	-	-
28-16	20	-	-	-
28-17	15	-	-	-
28-18	12	-	-	-
28-19	6	4	-	-
28-20	4	10	-	-
28-21	37	-	-	-
28-22	3	-	-	3
32-2	2	-	-	3

(continued)

TABLE 2 SHELL SIZE AND INSERT ARRANGEMENTS (continued)

Shell size/insert arrangement	No. of contacts			
	Size 16	Size 12	Size 8	Size 4
32-4	12	2	-	-
32-6	16	2	3	2
32-7	28	7	-	-
32-8	24	6	-	-
32-9	12	-	-	2
32-10	3	-	2	2
32-12	10	5	-	-
32-13	18	5	-	-
32-14	-	5	-	2
*32-16	16	2	3	2
32-17	-	-	-	4
*32-18	12	2	-	-
*32-20	16	2	3	2
36-1	18	4	-	-
36-7	40	7	-	-
36-8	46	1	-	-
36-9	14	4	2	1
36-10	48	-	-	-
*36-11	48	-	-	-
*36-12	48	-	-	-
36-13	15	2	-	-
36-14	6	5	5	-
36-15	35	-	-	-
*36-16	40	7	-	-
*36-17	40	7	-	-
*36-18	14	4	2	1
*36-20	30	2	2	-
*36-21	14	4	2	1

Note ...

* The contact arrangements are available only in the orientation shown.

Not intermateable with MS types.

Contacts

Standard range

7 Contacts are not supplied with the connector. Contact pins or contact sockets must be specified for all connector styles. Table 3 details the contact data by contact size.

Thermocouple range

8 Thermocouple pin and socket contacts can be specified. The contacts are only available in size 16 and size 12. Table 4 details the contact data.

TABLE 3 STANDARD CONTACTS

Size	Contact type	Current rating (max)	Contact accommodation (a.w.g.)	Identification (grooves)	Service Ref No/ NATO Stock No	Part No. 508/
16/20	Pin	12A	20	2	10AD 5935-99-580-9801	2/05604/001
					5935-99-580 9603	2/05604/002
16/20	Socket	12A	20	2	5935-99-580 9800	1/05602/001
					5935-99-580 9602	1/05602/002
16/18	Pin	12A	18	1	5935-99-971 7022	2/05603/001
					5935-99-948 2658	2/05603/002
16/18	Socket	12A	18	1	5935-99-952 0572	1/05601/001
					5935-99-948 2657	1/05601/002
16	Pin	12A	16	Nil		2/03547/001
					5935-99-947 2637	2/03547/002
16	Socket	12A	16	Nil		1/04585/001
					5935-99-947 2634	1/04585/002
12/16	Pin	24A	16	2	5935-99-947 7915	2/09362/001
					5X/11836	2/09362/002
12/16	Socket	24A	16	2	5935-99-628 9852	1/09375/001
					5935-99-946 3470	1/09375/002
12/14	Pin	24A	14	1		2/09361/001
					5935-99-952 0553	2/09361/002
12/14	Socket	24A	14	1		1/09384/0017
					5935-99-947 7914	1/09374/002
12	Pin	24A	12	Nil	5935-99-952 0957	2/09360/001
					5935-99-915 2321	2/09360/002
12	Socket	24A	12	Nil	5935-99-194 4712	1/09373/001
					5935-99-946 8637	1/09373/002
8/10	Pin	50A	10	1		2/00409/001
					5935-99-946 0805	2/00409/002
8/10	Socket	50A	10	1	5X/13969	1/00407/001
					5935-99-450 1953	1/00407/002
8	Pin	50A	8	Nil		2/09363/001
					5935-99-946 0803	2/09363/002
8	Socket	50A	8	Nil	10AD/9460804	1/09376/001

(continued)

TABLE 3 STANDARD CONTACTS (continued)

Size	Contact type	Current rating (max)	Contact accommodation (a.w.g.)	Identification (grooves)	Service Ref No/ NATO Stock No	Part No. 508/
4/6	Pin	100A	6	1	5935-99-947 7916	2/00406/001 2/00406/002 1/00404/001
4/6	Socket	100A	6	1		1/00404/002 2/09364/001
4	Pin	100A	4	Nil	5935-99-946 0805	2/09364/002
4	Socket	100A	4	Nil	5935-99-956 2709	1/09377/001
					5935-99-945 7669	1/09377/002

Note ...

- (1) The suffix /001 to the part number indicates item is gold plated.
- (2) The suffix /002 to the part number indicates item is silver plated.

TABLE 4 THERMOCOUPLE CONTACTS

Size	Contact type	Contact accommodation (a.w.g.)	Colour code	Ident (grooves)	Service Ref No/ NATO Stock No	Part No. 508/
16	Pin alumel	20-16	Blue	1	5935-99-103 4706	2/04435
16	Socket alumel	20-16	Blue	1	5935-99-952 0575	1/04429
16	Pin chromel	20-16	Red	2	5935-99-103 4707	2/04434
16	Socket chromel	20-16	Red	2	5935-99-952 0580	1/04428
16	Pin constantan	20-16	Yellow	3		2/04436
16	Socket constantan	20-16	Yellow	3		1/04430
12	Pin alumel	14-12	Blue	1	5935-99-450 0341	2/09368
12	Socket alumel	14-12	Blue	1		1/09378
12	Pin chromel	14-12	Blue	2		2/09369
12	Socket chromel	14-12	Red	2		1/09379
12	Pin constantan	14-12	Yellow	3		2/09370
12	Socket constantan	14-12	Yellow	3		1/09380

Orientation

9 To prevent the cross-mating of identical connectors in the vicinity of each other, the connector insert can be orientated to give one of five positions. The orientation positions are identified by letters, as follows:-

9.1 Insert orientation - W, X, Y, Z or N (normal).

Note ...

The connectors are supplied by shell size and orientation as given in figs. 17 and 19. The items marked by * in Table 2 are only available in the orientation shown in figs. 17 to 19.

Environmental sealing

10 Interfacial pin sealing is achieved by the 'cork in bottle' method. Steel and fireproof connectors have an additional O-ring, moulded from kerosene-resistant silicone rubber, fitted to the free unit and a corresponding chamfer on the face of the fixed unit. Rear sealing is provided by packing sleeves, made from kerosene-resistant silicone rubber, fitted to each crimped contact. Table 5 details the packing sleeves. Fig. 6 shows the use of packing sleeves.

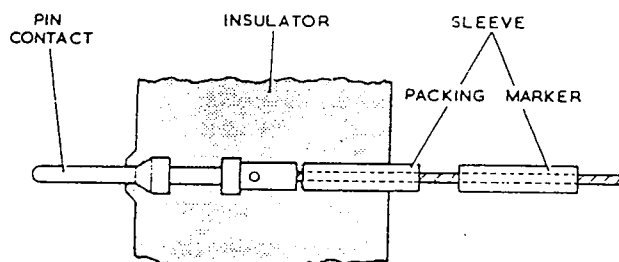


Fig. 6 Use of packing sleeves

TABLE 5 PACKING SLEEVES

Contact size	Wire size dia (in)		Colour code	Part No. 508/	NSN 5970-99-
	Min	Max			
16	0.040	0.060	Pink	2/15663	
16	0.060	0.080	Green	2/15662	945 3762
16	0.080	0.100	Blue	2/15664	913 8835
12	0.040	0.060	Yellow	2/15665	
12	0.060	0.080	Orange	2/15666	946 0810
12	0.080	0.100	White	2/15667	946 0811
12	0.100	0.130	Red	2/15668	946 0812
12	0.130	0.150	Black	2/15569	946 0813
8	0.180	0.200	Brown	2/15670	946 0814
4	0.290	0.310	Violet	2/15671	

Note ...

Packing sleeves are not required on wire with an o.d. between 0.100 in. and 0.150 in. when used with size 16 contacts.

11 In cavities which are not wired, aluminium filler plugs of the size appropriate to the contact must be screwed into the contact conductor well. Alternatively, nylon filler plugs may be used. Tables 6 and 7 detail the filler plugs (figs. 7 and 8).

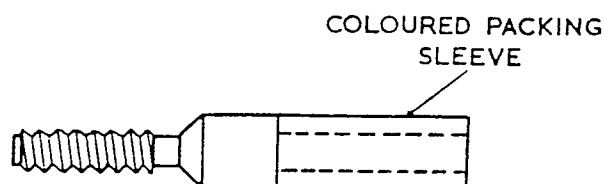


Fig. 7 Aluminium filler plug



Fig. 8 Nylon filler plug

TABLE 6 ALUMINIUM FILLER PLUGS

Contact size	Colour code	Part No. 508/1/05577/
16	Pink	001
16	Green	002
16	Blue	003
12	Red	004
12	Black	005
12	Yellow	006
8	Brown	007
8	Orange	008
4	Violet	009
4	White	010

TABLE 7 NYLON FILLER PLUGS

Contact size	Shell size	Colour code	Part No. 508/2/
16	10S pin unit	Natural	08581
16	10S socket unit)		
16	12S pin unit)	Red	08582
16	14S pin unit)		
16	16 to 36 pin units)		
16	12S socket units)	Blue	08583
16	14S socket units)		
16	16 to 36 socket unit	Yellow	08584
12	16 to 36 pin unit)	Green	08580
12	16 to 36 socket unit)		

Temperature range

12 The operating temperature range of these connectors is -55 deg C to +190 deg C (fireproof connectors withstand a flame temperature of +1100 deg C for 20 minutes). The upper limit quoted is the maximum internal hot spot temperature resulting from any combination of ambient temperature and heating due to current.

Inserts

13 Three types of insert are available as follows:-

13.1 Standard - silicone rubber, frequency range of 1.6 kHz and minimum voltage rating of 2 kV r.m.s.

13.2 Special - two types, organic rubber (NT) and silicone rubber (ET) with minimum voltage ratings of 600V r.m.s and 2 kV r.m.s. respectively. The letters in brackets form part of the part number. The ET insulators are resistant to oils, hydraulic fluids, kerosene, solvents and ultra-violet light.

Lubrication and cleaning

14 MS-4 (Ref. No. 33C/9424829) may be used for lubrication of threads. ZX-36 may be used for cables. Connectors can be cleaned using, sparingly, Arklone P(33D/2204018) or Safeclean aerosol (33D/511).

Tooling

15 Select the correct tooling from the appropriate contact work sheet detailed in Chap. 2, or connector assembly instructions detailed in Chap. 3. No tooling is supplied with the connectors.

ACCESSORIES

16 These connectors are supplied with or without back end accessories as required, refer to para. 5 and Table 1. The back end accessories may be ordered separately and these are detailed in Tables 8 to 15 (figs 9 to 16).

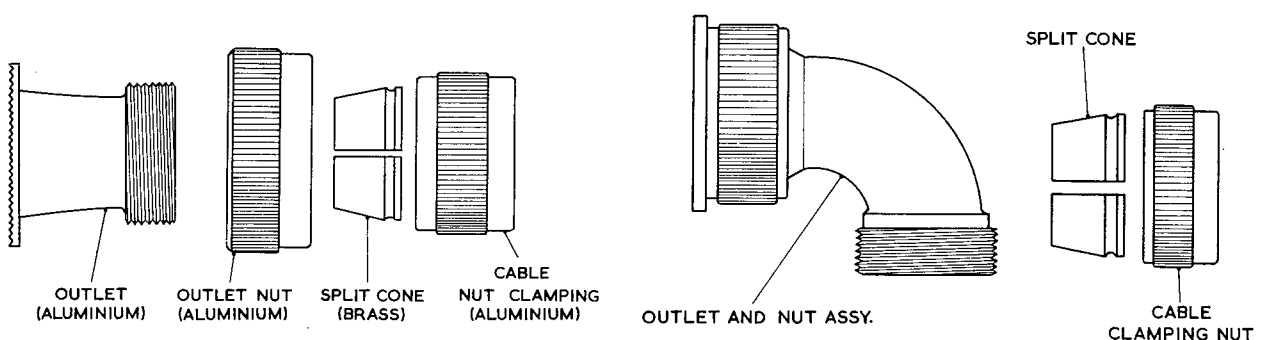


Fig. 9 Accessory set: straight outlet, aluminium

Fig. 10 Accessory set: right-angle outlet, aluminium

TABLE 8 ACCESSORY SET STRAIGHT OUTLET, ALUMINIUM

Accessory set Part Number	Shell size		Set component part numbers			
	Free	Fixed	Outlet nut	Outlet	Split cones 2 per outlet	Cable clamping nut
508/1/08739/*	10S	-	508/2/09487/002	508/2/08796/002	508/2/15651/*	508/2/08752/002
508/1/08740/*	12S	10S	508/2/08798	508/2/08797/002	508/2/15652/*	508/2/08753/002
508/1/08741/*	14S	12S	508/2/09481/002	508/1/08724/002	508/2/15653/*	508/2/09487/002
508/1/08742/*	16	14S	508/2/09484/002	508/2/08725/002	508/2/15654/*	508/2/08798/002
508/1/08743/*	18	16	508/2/09470/002	508/2/08787/002	508/2/15655/*	508/2/09481/002
508/1/08744/*	20	18	508/2/09466/002	508/2/08788/002	508/2/15656/*	508/2/09484/002
508/1/08745/*	22	20	508/2/09476/002	508/2/08789/002	508/2/15657/*	508/2/09470/002
508/1/08746/*	24	22	508/2/08726/002	508/2/08790/002	508/2/15658/*	508/2/09466/002
508/1/08747/*	-	24	508/2/08731/002	508/2/08791/002	508/2/15658/*	508/2/09466/002
508/1/08748/*	28	-	508/2/09473/002	508/2/08792/002	508/2/15659/*	508/2/08726/002
508/1/08749/*	32	28	508/2/09467/002	508/2/08793/002	508/2/15660/*	508/2/08731/002
508/1/08750/*	36	32	508/2/08727/002	508/2/08794/002	508/2/15661/*	508/2/09467/002
508/1/08751/*	-	36	508/2/08728/002	508/2/08728/002	508/2/15661/*	508/2/09467/002

Note ...

*Add relevant cable size ex. Table 16 as suffix

TABLE 9 ACCESSORY SET RIGHT-ANGLE OUTLET, ALUMINIUM

Accessory set Part Number	Shell size		Set component part numbers		
	Free	Fixed	Outlet & nut assembly	Split cones 2 per outlet	Cable clamping nut
508/1/00717/*	10S	-	508/1/04487	508/2/15651/*	508/2/08752/002
508/1/00718/*	12S	10S	508/1/04488	508/2/15652/*	508/2/08753/002
508/1/00719/*	14S	12S	508/1/04489	508/2/15653/*	508/2/09487/002
508/1/00720/*	16	14S	508/1/04490	508/2/15654/*	508/2/08798/002
508/1/00721/*	18	16	508/1/04491	508/2/15655/*	508/2/09481/002
508/1/00722/*	20	18	508/1/04492	508/2/15656/*	508/2/09484/002
508/1/00723/*	22	20	508/1/04493	508/2/15657/*	508/2/09470/002
508/1/00724/*	24	22	508/1/04494	508/2/15658/*	508/2/09466/002
508/1/00725/*	-	24	508/1/04495	508/2/15658/*	508/2/09466/002
508/1/00726/*	28	-	508/1/04496	508/2/15659/*	508/2/08726/002
508/1/00727/*	32	28	508/1/04497	508/2/15660/*	508/2/08731/002
508/1/00728/*	36	32	508/1/04498	508/2/15661/*	508/2/09467/002
508/1/00729/*	-	36	508/1/04499	508/2/15662/*	508/2/09467/002

Note ...

* Add relevant cable size ex. Table 16 as suffix.

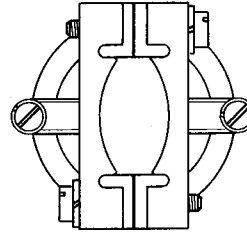
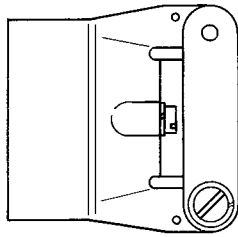


Fig. 11 Accessory set: bell clamp, aluminium

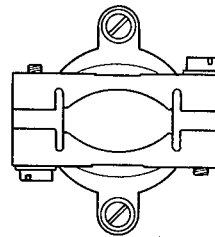
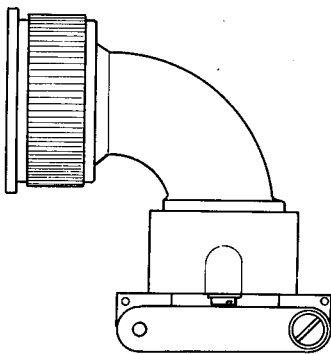


Fig. 12 Accessory set: elbow clamp, aluminium

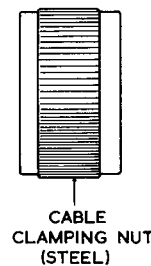
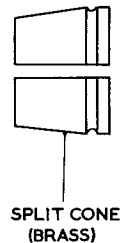
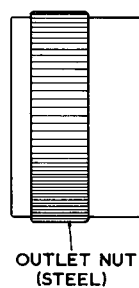
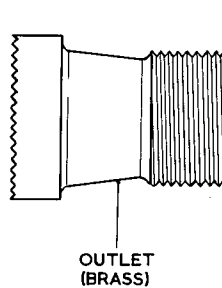


Fig. 13 Accessory set, straight outlet, steel

TABLE 10 ACCESSORY SET ELBOW CLAMP, ALUMINIUM

Part Number	Shell size	
	Free	Fixed
508/1/04474	10S	-
508/1/04475	12S	10S
508/1/04476	14S	12S
508/1/04477	16	14S
508/1/04478	18	16
508/1/04479	20	18
508/1/04480	22	20
508/1/04481	24	22
508/1/04482	-	24
508/1/04483	28	-
508/1/04484	32	28
508/1/04485	36	32
508/1/04486	-	36

TABLE 11 ACCESSORY SET BELL CLAMP, ALUMINIUM

Part Number	Shell size	
	Free	Fixed
508/1/05253	10S	-
508/1/05254	12S	10S
508/1/05255	14S	12S
508/1/05256	16	14S
508/1/05257	18	16
508/1/05258	20	18
508/1/05259	22	20
508/1/05260	24	22
508/1/05261	-	24
508/1/05262	28	-
508/1/05263	32	28
508/1/05264	36	32
508/1/05265	-	36

TABLE 12 ACCESSORY SET STRAIGHT OUTLET, STEEL

Accessory set Part Number	Shell size	Set component part numbers			
		Outlet nut	Straight outlet	Split Cones 2 per outlet	Cable clamping nut
508/1/00050/*	10S	508/2/00037/021	508/2/00063/021	508/2/15651/*	508/2/00076/021
508/1/00051/*	12S	508/2/00038/021	508/2/00064/021	508/2/15652/*	508/2/00077/021
508/1/00052/*	14S	508/2/00039/021	508/2/00065/021	508/2/15653/*	508/2/00078/021
508/1/00053/*	16	508/2/00040/021	508/2/00066/021	508/2/15654/*	508/2/00079/021
508/1/00054/*	18	508/2/00041/021	508/2/00067/021	508/2/15655/*	508/2/00080/021
508/1/00055/*	20	508/2/00042/021	508/2/00068/021	508/2/15656/*	508/2/00081/021
508/1/00056/*	22	508/2/00043/021	508/2/00069/021	508/2/15657/*	508/2/00082/021
508/1/00057/*	24	508/2/00044/021	508/2/00070/021	508/2/15658/*	508/2/00083/021
508/1/00059/*	28	508/2/00046/021	508/2/00072/021	508/2/15659/*	508/2/00084/021
508/1/00060/*	32	508/2/00047/021	508/2/00073/021	508/2/15660/*	508/2/00085/021
508/1/00061/*	36	508/2/00048/021	508/2/00074/021	508/2/15661/*	508/2/00086/021

Note ...

*Add relevant cable size ex Table 16 as a suffix

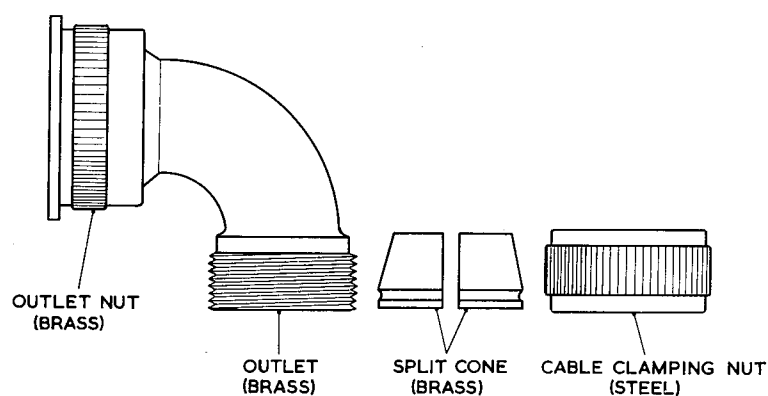


Fig. 14 Accessory set: right-angle outlet, steel



Fig. 15 Accessory set: bell clamp steel

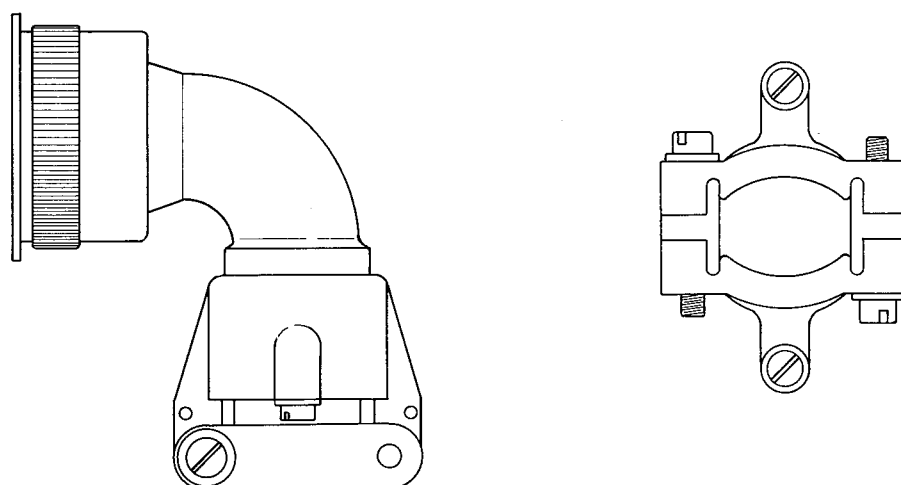


Fig. 16 Accessory set: elbow, clamp, steel

TABLE 13 ACCESSORY SET RIGHT-ANGLE OUTLET, STEEL

Accessory set Part Number	Shell size	Set component part numbers		
		Right-angle outlet and nut assembly	Split Cones 2 per outlet	Cable clamping nut
508/1/00776/*	10S	508/1/00765/021	508/2/15651/*	508/2/00076/021
508/1/00777/*	12S	508/1/00766/021	508/2/15652/*	508/2/00077/021
508/1/00778/*	14S	508/1/00767/021	508/2/15653/*	508/2/00078/021
508/1/00779/*	16	508/1/00768/021	508/2/15654/*	508/2/00079/021
508/1/00780/*	18	508/1/00769/021	508/2/15655/*	508/2/00080/021
508/1/00781/*	20	508/1/00770/021	508/2/15656/*	508/2/00081/021
508/1/00782/*	22	508/1/00771/021	508/2/15657/*	508/2/00082/021
508/1/00783/*	24	508/1/00772/021	508/2/15658/*	508/2/00083/021
508/1/00784/*	28	508/1/00773/021	508/2/15659/*	508/2/00084/021
508/1/00785/*	32	508/1/00774/021	508/2/15660/*	508/2/00085/021
508/1/00786/*	36	508/1/00775/021	508/2/15661/*	508/2/00086/021

Note ...

* Add relevant cable size ex. Table 16 as suffix

TABLE 14 ACCESSORY SET ELBOW CLAMP, STEEL

Part Number	Shell size
508/1/05288	10S
508/1/05289	12S
508/1/05290	14S
508/1/05291	16
508/1/05292	18
508/1/05293	20
508/1/05294	22
508/1/05295	24
508/1/05296	28
508/1/05297	32
508/1/05298	36

TABLE 15 ACCESSORY SET BELL CLAMP, STEEL

Part Number	Shell size
508/1/05277	10S
508/1/05278	12S
508/1/05279	14S
508/1/05280	16
508/1/05281	18
508/1/05282	20
508/1/05283	22
508/1/05284	24
508/1/05285	28
508/1/05286	32
508/1/05287	36

17 Where straight or right-angle fittings are used, split cones appropriate to the size of cable are used. Table 16 details the wire sizes for split cones and the suffix required for the part number identification.

TABLE 16 SPLIT CONE SIZES

Shell size			Cable size (in)		#Suffix
Aluminium		Steel	Min	Max	
Free	Fixed				
10S to 36	10S to 36	10S to 36	0.110	0.150	/001
10S to 36	10S to 36	10S to 36	0.215	0.255	/002
10S and 12S	10S	10S and 12S	0.240	0.280	/003
14S to 36	12S to 36	14S to 36	0.250	0.290	/003

(continued)

TABLE 16 SPLIT CONE SIZES (continued)

Shell size			Cable size (in)		#Suffix
Aluminium		Steel	Min.	Max.	
Free	Fixed				
10S and 12S	10S	10S and 12S	*2-way	Tersil 16	/004
14S to 36	12S to 36	14S to 36	0.280	0.320	/004
10S and 12S	10S	10S and 12S	*3-way	Tersil 16	/005
14S to 36	12S to 36	14S to 36	0.315	0.355	/005
16 to 36	14S to 36	16 to 36	0.360	0.400	/006
16	14S	-	DEF102R		/007
18 to 36	16 to 36	18 to 36	0.410	0.450	/007
18 to 36	16 to 36	18 to 36	0.440	0.480	/008
18 to 36	16 to 36	18 to 36	0.480	0.520	/009
18	16	-	DEF102R		/010
20 to 36	18 to 36	20 to 36	0.530	0.510	/010
20 to 36	18 to 36	20 to 36	0.580	0.620	/011
22 to 36	20 to 36	22 to 36	0.630	0.670	/012
22 and 24	20 to 24	22 and 24	0.700	0.740	/013
28 to 36	28 to 36	28 to 36	0.720	0.760	/013
28 to 36	28 to 36	28 to 36	0.830	0.870	/014
28 to 36	28 to 36	28 to 36	0.880	0.920	/015
28 to 36	28 to 36	28 to 36	0.980	1.020	/016
32 and 36	28 to 36	32 and 36	1.105	1.145	/017

Note ...

* Or any cable of similar dimensions

Last two digits only are required for connector identification given in para.4.

Protective caps, plastic

18 Light duty plastic caps are fitted to each connector by the manufacturer, prior to dispatch. These caps provide protection against damage during transit only and do not provide protection against the ingress of moisture, oil or dust.

Protective caps, aluminium

19 Tables 17 to 19 detail the caps available.

TABLE 17 PROTECTIVE CAPS, ALUMINIUM, FREE UNITS

Shell size	Part Number	NATO Stock No.
10S	508/1/03490/*	5935-99-947 2686
12S	508/1/03491/*	5935-99-947 2685
14S	508/1/03492/*	5935-99-947 2683
16	508/1/03493/*	5935-99-622 3191
18	508/1/03494/*	5935-99-947 2682
20	508/1/03495/*	
22	508/1/03496/*	
24	508/1/03497/*	5935-99-947 2681
28	508/1/03498/*	5935-99-947 2620
32	508/1/03499/*	
36	508/1/03500/*	5935-99-947 2621

Note ...

* Add suffix 100 for standard type or 300 for kerosine resistance type.

TABLE 18 PROTECTIVE CAPS, ALUMINIUM, FIXED ROUND FLANGE UNITS

Shell size	Part Number	NATO Stock No.
10S	508/1/15040/*	
12S	508/1/15041/*	5935-99-525 8556
14S	508/1/15042/*	5935-99-525 8557
16	508/1/15043/*	
18	508/1/15044/*	
20	508/1/15045/*	5820-99-622 1749
22	508/1/15046/*	
24	508/1/15047/*	
28	508/1/15048/*	
32	508/1/15049/*	
36	508/1/15050/*	

Note ...

* Add suffix 100 for standard type or 300 for kerosine resistant type.

TABLE 19 PROTECTIVE CAPS, ALUMINIUM, FIXED SQUARE FLANGE UNITS

Shell size	Part number	NATO Stock No.
10S	508/1/04860/*	
12S	508/1/04861/*	
14S	508/1/04862/*	5935-99-947 0896
16	508/1/04863/*	5935-99-947 0648
18	508/1/04864/*	5935-99-531 9044
20	508/1/04865/*	5935-99-947 2622
22	508/1/04866/*	5935-99-450 1032
24	508/1/04867/*	5935-99-519 1618
28	508/1/04868/*	5935-99-947 0895
32	508/1/04869/*	
36	508/1/04870/*	5935-99-947 2623

Note ...

* Add suffix 100 for standard type or 300 for kerosine resistant type.

Conductor size measurement

20 The contact work sheets in Chapter 2 detail each contact size and the standard a.w.g. wire size each contact size will accommodate.

Note ...

Where, either it is suspected that the cable conductor (wire) is not standard a.w.g, or the integrity of the crimp is in doubt, then either SM(AV)43A2, MOD Harrogate, extension 3803 (RAF) or DGA(N) L1.3, Aircraft Support Executive, Yeovilton should be contacted for cable (wire) identification.

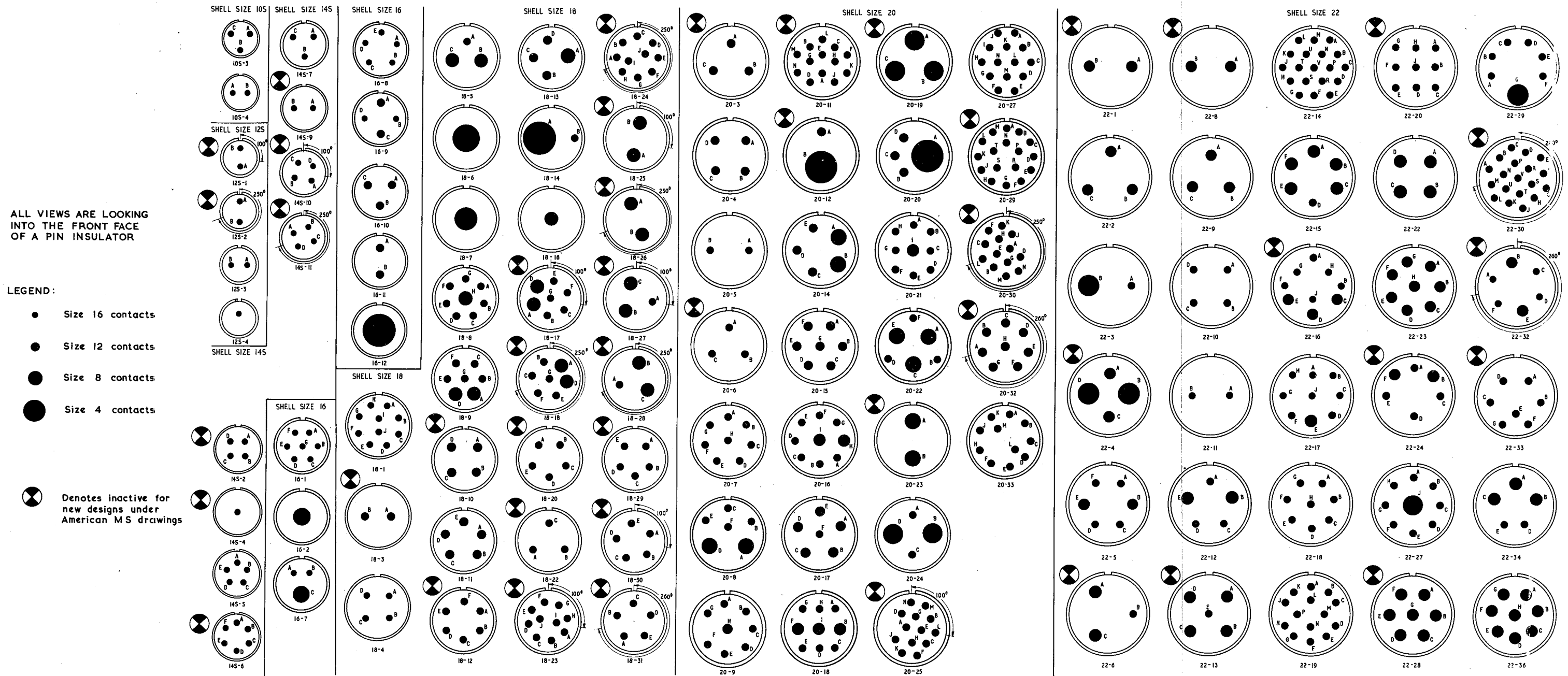


Fig. 17

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Fig. 17

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ALL VIEWS ARE LOOKING
INTO THE FRONT FACE
OF A PIN INSULATOR

LEGEND :

- Size 16 contacts
- Size 12 contacts
- Size 8 contacts
- Size 4 contacts

 Denotes inactive for
new designs under
American MS drawings

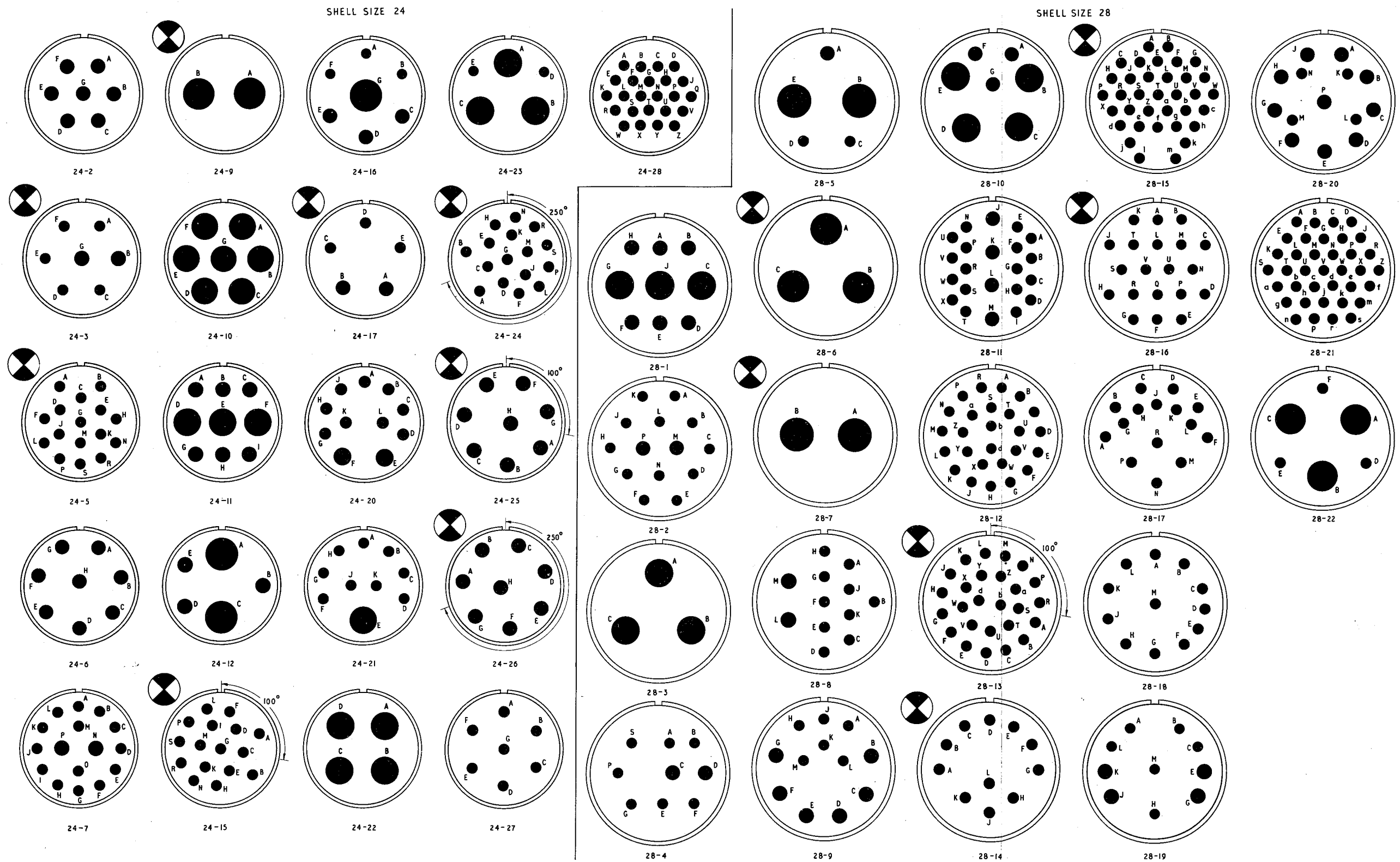


Fig. 18

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Fig. 18

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ALL VIEWS ARE LOOKING
INTO THE FRONT FACE OF
A PIN INSULATOR

LEGEND :

- Size 16 contacts
- Size 12 contacts
- Size 8 contacts
- Size 4 contacts
- ⊗ Denotes inactive for new designs under American MS drawings

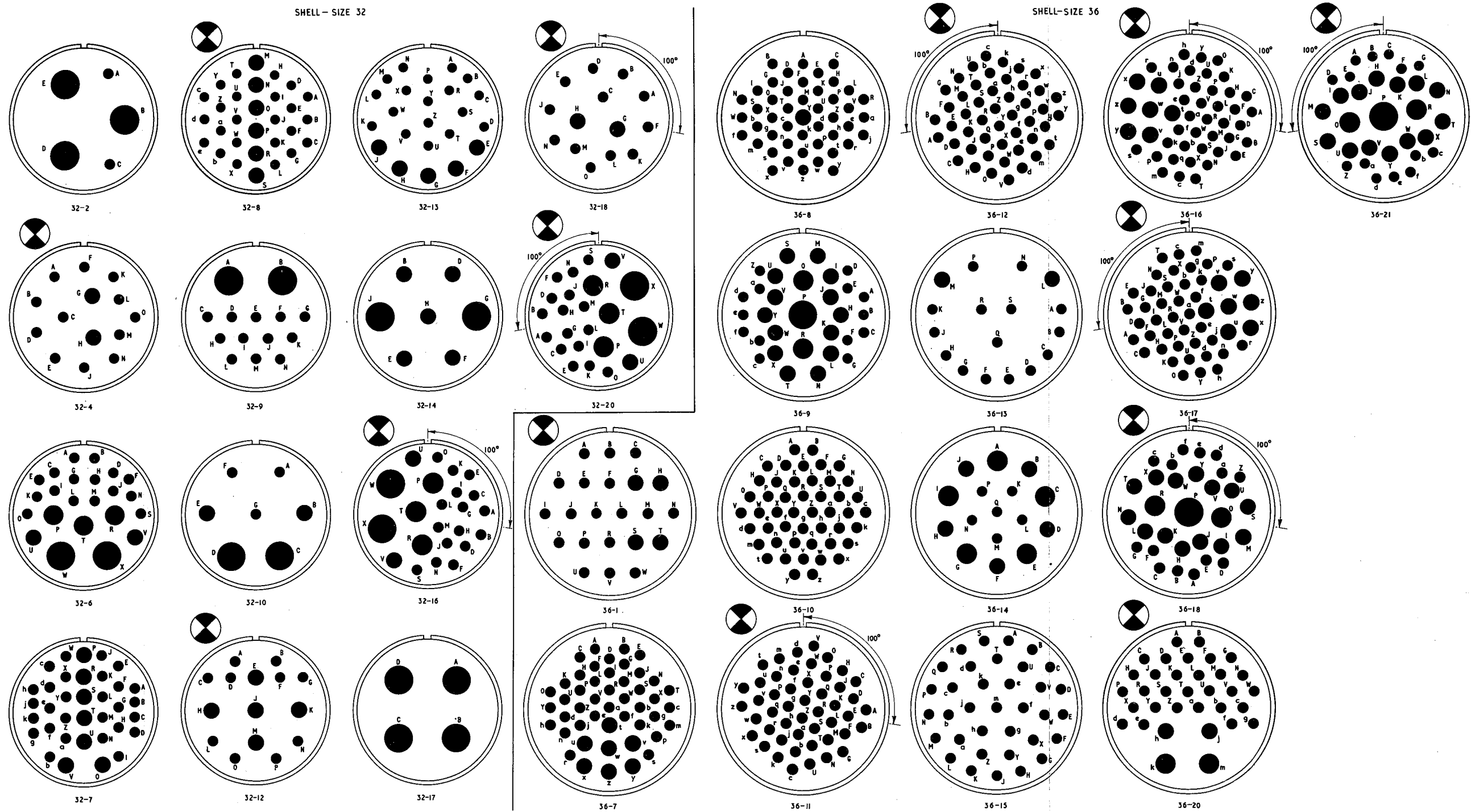


Fig.19

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Fig.19

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Chapter 2CONTACT ASSEMBLY INSTRUCTIONS

CONTENTS

Para.

- 1 Introduction
- 2 Procedure

Contact Work Sheets

Page

1	Contact size 16	...	...	...	...	...	...	...	...	3
2	Contact size 12	...	...	...	...	...	...	...	...	5
3	Contact size 8	...	...	...	...	...	...	...	...	7
4	Contact size 4	...	...	...	...	...	...	...	...	9

Introduction

1 This chapter comprises a number of work sheets detailing the procedure for crimping each size and type of contact to the range of wire sizes they are designed to accommodate.

Procedure

2 Proceed as follows:-

- 2.1 Identify the size and type of contact to be crimped.
- 2.2 Select the appropriate contact work sheet.
- 2.3 Identify the size of cable conductor (wire size) being used.
- 2.4 Carry out the stripping and crimping procedure detailed in the contact work sheet.

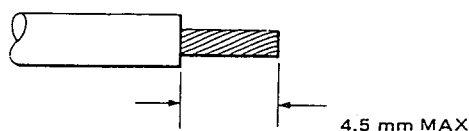
Contact Work Sheet 1CONTACT SIZE 16

Fig. 1 Stripping dimensions

Wire insulation range

Wire conductor range

0.040 in. min. 0.150 in. max.

Wire size 20-16 a.w.g.

Procedure

- 1 Check that the wire, to which the contact is to be crimped, is within the insulation and conductor ranges given in this work sheet.
- 2 Strip the wire to the dimensions given in fig. 1. Ensure that the insulation is completely removed and that the conductor is undamaged.

Note ...

Information on wire stripping is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

- 3 Select the appropriate crimping tool from Tables 1, 2 or 3.

TABLE 1 RAF CRIMPING TOOL

Crimping Tool		Die Set	
Specification	Sect. Ref.	Specification	Sect. Ref.
M22520/5-01	1M/5969313	Y298	

TABLE 2 RAF ALTERNATIVE CRIMPING TOOL

Crimping Tool		Die Set	
Specification	Sect. Ref.	Specification	Sect. Ref.
D36	1M/8919831	02508	

TABLE 3 RN CRIMPING TOOL

Crimping Tool		Turret		
Specification	Sect. Ref.	Specification	Sect. Ref.	Colour code
M22520/1-01	0273-1380390	M22520/1-05	1M/952	Blue

- 4 Where the crimping tool detailed in Table 3 is to be used, select the appropriate tool setting from Table 4.

TABLE 4 CRIMPING TOOL MS22520/1-01 TOOL SETTING

Wire size	Tool setting
20	4
18	5
16	6

- 5 Crimp the contact to the wire.

Note ...

Information on the use of crimping tools is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

- 6 Inspect the crimp joint for the following:-

6.1 All conductor strands enter the crimping barrel and the conductor is visible through the inspection hole.

6.2 The contact is not distorted and the crimp barrel is free from fractures.

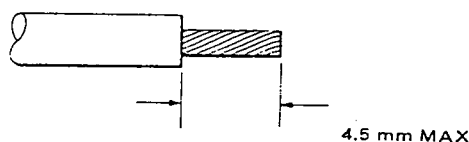
Contact Work Sheet 2CONTACT SIZE 12

Fig. 1 Stripping dimensions

Wire insulation range

Wire conductor range

0.040 in. min. 0.150 in. max.

Wire size 16-12 a.w.g.

Procedure

- 1 Check that the wire, to which the contact is to be crimped, is within the insulation and conductor ranges given in this work sheet.
- 2 Strip the wire to the dimensions given in fig. 1. Ensure that the insulation is completely removed and that the conductor is undamaged.

Note ...

Information on wire stripping is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

- 3 Select the appropriate crimping tool from Tables 1, 2 or 3.

TABLE 1 RAF CRIMPING TOOL

Crimping Tool		Die Set	
Specification	Sect. Ref.	Specification	Sect. Ref.
M22520/5-01	1M/5969313	Y356	

TABLE 2 RAF ALTERNATIVE CRIMPING TOOL

Crimping Tool		Die Set	
Specification	Sect. Ref.	Specification	Sect. Ref.
D36	1M/8919831	02509	

TABLE 3 RN CRIMPING TOOL

Crimping Tool		Turret		
Specification	Sect. Ref.	Specification	Sect. Ref.	Colour code
M22520/1-01	0273-1380390	M22520/1-02	0273-1380391	Yellow

- 4 Where the crimping tool detailed in Table 3 is to be used, select the appropriate tool setting from Table 4.

TABLE 4 CRIMPING TOOL MS22520/1-01 TOOL SETTING

Wire size	Tool setting
14	7
12	8

- 5 Crimp the contact to the wire.

Note ...

- Information on the use of crimping tools is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

- 6 Inspect the crimp joint for the following:-

6.1 All conductor strands enter the crimping barrel and the conductor is visible through the inspection hole.

6.2 The contact is not distorted and the crimp barrel is free from fractures.

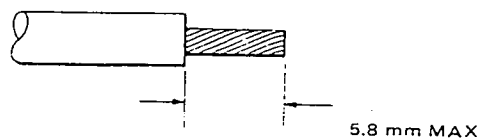
Contact Work Sheet 3CONTACT SIZE 8

Fig. 1 Stripping dimensions

Wire insulation range

0.180 in. min. 0.200 in. max.

Wire conductor range

Wire size 10-8 a.w.g.

Procedure

- 1 Check that the wire, to which the contact is to be crimped, is within the insulation and conductor ranges given in this work sheet.
- 2 Strip the wire to the dimensions given in fig. 1. Ensure that the insulation is completely removed and that the conductor is undamaged.

Note ...

Information on wire stripping is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

- 3 Select the appropriate crimping tool from Tables 1, 2 or 3.

TABLE 1 RAF CRIMPING TOOL

Crimping Tool		Turret	
Specification	Sect. Ref.	Specification	Sect. Ref.
D36	1M/8919831	02510	

TABLE 2 RN CRIMPING TOOL

Crimping Tool		Turret		
Specification	Sect. Ref.	Specification	Sect. Ref.	Colour code
Consult DGA(N)L1.3, refer to page (vi)				

4 Crimp the contact to the wire.

Note ...

Information on the use of crimping tools is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

5 Inspect the crimp joint for the following:-

5.1 All conductor strands enter the crimping barrel and the conductor is visible through the inspection hole.

5.2 The contact is not distorted and the crimp barrel is free from fractures.

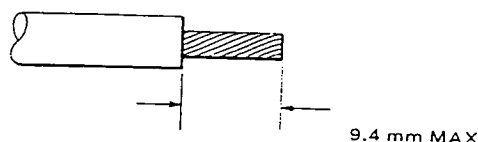
Contact Work Sheet 4CONTACT SIZE 4

Fig. 1 Stripping dimensions

Wire insulation range

0.290 in. min. 0.310 in. max.

Wire conductor range

Wire size 6-4 a.w.g.

Procedure

- 1 Check that the wire, to which the contact is to be crimped, is within the insulation and conductor ranges given in this work sheet.
- 2 Strip the wire to the dimensions given in fig. 1. Ensure that the insulation is completely removed and that the conductor is undamaged.

Note ...

Information on wire stripping is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

- 3 Select the appropriate crimping tool from Tables 1, 2 or 3.

TABLE 1 RAF CRIMPING TOOL

Crimping Tool		Die Set	
Specification	Sect. Ref.	Specification	Sect. Ref.
D36	1M/8919831	02511	

TABLE 2 RN CRIMPING TOOL

Crimping Tool		Turret		
Specification	Sect. Ref.	Specification	Sect. Ref.	Colour code
Consult DGA(N)L1.3, refer to page (vi)				

4 Crimp the contact to the wire.

Note ...

Information on the use of crimping tools is detailed in AP 120M-0612-1 (RAF) and AP 120M-0600-1 (RN).

5 Inspect the crimp joint for the following:-

5.1 All conductor strands enter the crimping barrel and the conductor is visible through the inspection hole.

5.2 The contact is not distorted and the crimp barrel is free from fractures.

Chapter 3CONNECTOR ASSEMBLY INSTRUCTIONS

CONTENTS

Para.

- 1 Contact insertion
- 2 Contact extraction
- 3 Cable entry fittings
- 5 Single-core cable, totally unscreened
- 6 DEF10, Type A and P cable, totally unscreened
- 7 DEF10, Type B and Q cable, outer collective screen
- 8 DEF10, Type C and R, Uniradio Type cable, inner collective screen only
- 9 DEF10, Type H cable, outer collective and individual screens
- 10 DEF10, Type J, inner collective and individual screens
- 11 DEF10, Type D, E and F cable, individual screens, no collective screen.

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Contact insertion

Note ...

Larger contacts are to be inserted first into the connector and, wherever possible, contacts are to be inserted into the connector starting from the centre and working towards the outside.

1 Proceed as follows:-

- 1.1 Slide the cable entry fittings over the wire bundle.
- 1.2 Select the correct insertion tool from Table 1.

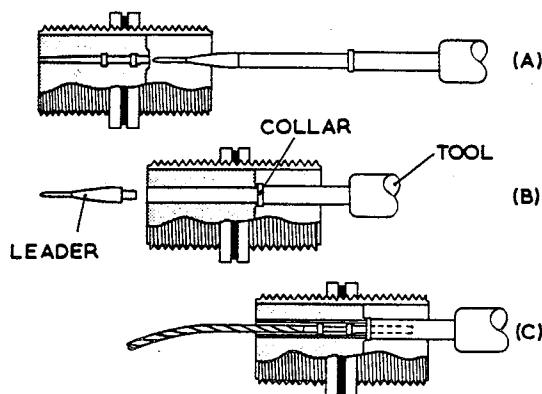
1.3 Fit the leader to the nose of the insertion tool.

1.4 Lubricate the tip only of the leader with a minute quantity of Dow Corning fluid DC282.

Note ...

Too much lubricant may lead to loss of performance.

1.5 Insert the leader into the appropriate contact hole in the front face of the insulator, see Fig 1 (A).



1.6 Maintaining the insertion tool axially in line with the connector, exert a steady pressure on the insertion tool until the collar meets the insulator face, see Fig 1(B).

1.7 Remove the leader, leaving the mouth of the insertion tool flush with the face of the insulator.

Fig 1 Contact insertion

1.8 Insert the wired contact into the mouth of the insertion tool, ensuring that the contact enters to its fullest extent.

1.9 Grip the connector shell firmly and, maintaining a light hold on the cable to ensure the contact remains in position, remove the insertion tool with a steady even pull.

1.10 Check that the contact is correctly seated in the insulator, with a slight "push and pull" action on the cable.

1.11 Fill all unused cavities with unwired contacts. Fit filler plugs to the contacts before inserting the contacts into the insulator.

1.12 Inspect the front face of the moulding, ensuring that there are no bent contacts and that all contacts are locked in position.

1.13 Remove all traces of lubricant from the face of the insulator by wiping carefully with a clean cloth moistened with Inhibisol, Ref. No. 33D/417.

1.14 Slide the cable entry fittings over the wire bundle and fit to the connector, as detailed in the appropriate following paragraphs.

Contact extraction

2 Proceed as follows:-

2.1 Disconnect all cable entry fittings fitted to the rear of the connector.

2.2 Select the correct extraction tool from Table 1.

2.3 Position the extraction tool over the contact to be removed and gently ease the tool through the crown on the insulator face.

2.4 Withdraw the contact by lightly pulling on the cable.

TABLE 1 CONTACT INSERTION/EXTRACTION TOOLS

Contact size	Service Ref. No./ Nato Stock No.	Part No. 558/1	Colour code
16 pin	1H/9543005	/00579	Insertion Red
16 socket, shell	1H/9543007	/00580	Insertion Red
size 10S, 12S, 14S			
16 socket, shell	1H/9543008	/00581	Insertion Blue
sizes 16 to 36			
16 pin	1H/9543006	/00601	Extraction Red
16 socket	1H/9543009	/00599	Extraction Red
12 pin	1H/9543010	/00583	Insertion Green
12 socket	1H/9543012	/00582	Insertion Green
12 pin	1H/9543011	/00602	Extraction Green
12 socket	1H/9543013	/00600	Extraction Green
8 pin	1H/9460822	/00585	Insertion White
8 socket	1H/9460821	/00586	Insertion White
4 pin	1H/9460824	/00588	Insertion Yellow
4 socket	1H/9460823	/00587	Insertion Yellow

Note ...

For RN use, section 1H to read 0274.

CABLE ENTRY FITTINGS

3 Cable entry fittings may be used with single-core cables where one common earth is required for individual cable screens, with multi-core cables having inner or outer collective screens, or with single cables having plastic sheaths. Where straight or right-angle fittings are used, split cones appropriate to the cable size are used.

4 In the following assembly instructions it is assumed that where an elbow or a bell clamp is used, the clamp takes the place of the outlet nut, split cone and outlet. Where screened cables are used, the braids are cut, combed out, twisted to form tails, brought out, and are connected to the earthing screws.

Single-core cable, totally unscreened (fig 2)

5 Proceed as follows:

5.1 Thread on to the wire bundle the cable clamping nut, outlet nut, and outlet.

5.2 Insert the contacts into the insulator, as detailed in para 1.1 to para 1.14.

5.3 Slide the outlet up to the rear of the shell and with the outlet nut secure the outlet to the shell.

5.4 Position the split cone in the mouth of the outlet, slide the clamping nut up to the outlet, and screw the clamping nut to the outlet to secure the split cone securely to the cables.

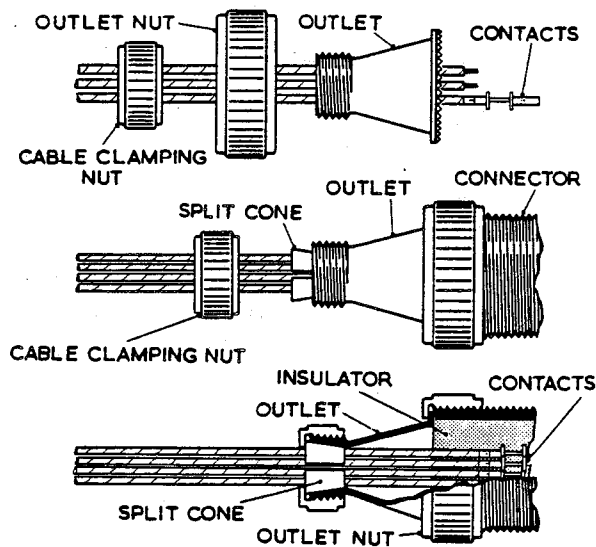


Fig. 2 Single-core cable assembly

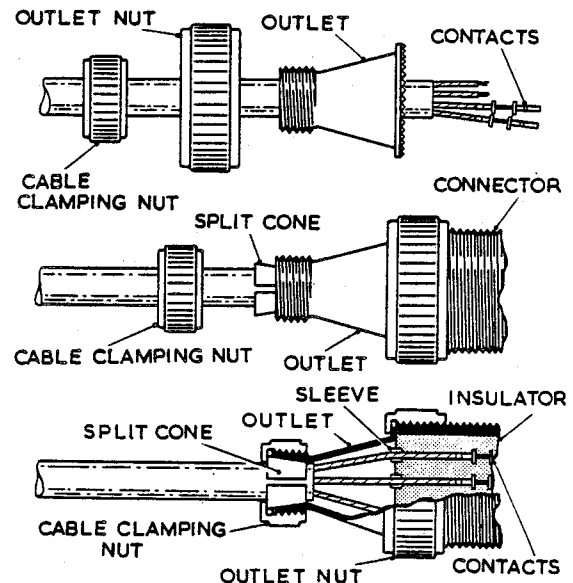


Fig. 3 DEF10, Type A and P cable assembly

DEF 10, Type A and P cable, totally unscreened (fig. 3)

6 Strip the outer sheathing and tape off the end. Proceed as detailed in para. 5.1 to 5.4.

DEF10, Type B and Q cable, outer collective screen (fig. 4)

7 Proceed as follows:-

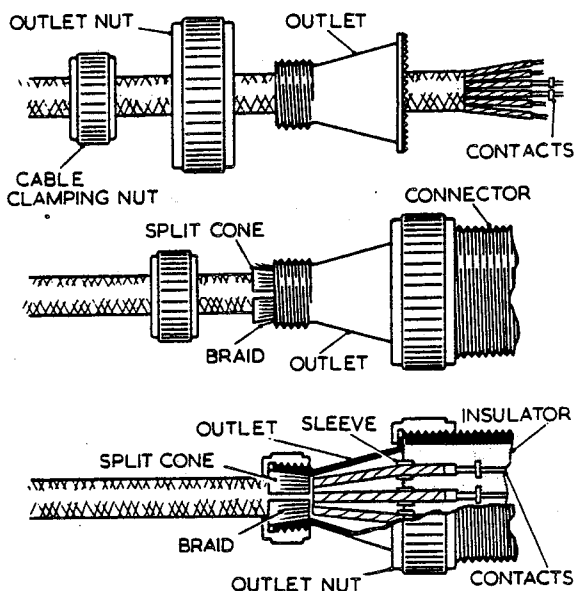


Fig. 4 DEF 10, Type B and Q cable assembly.

7.1 Strip the braid and outer sheathing, and tape off the end.

7.2 Slide the cable clamping nut, outlet nut, and outlet, over the cable.

7.3 Insert the contacts into the insulator, as detailed in para. 1.1 to 1.14.

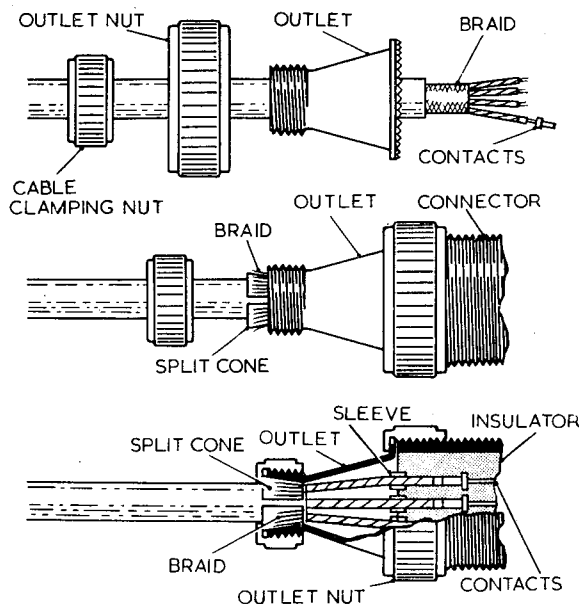
7.4 Comb out the outer collective screen braid back over the cable and lightly tape into position.

7.5 Slide the outlet up to the rear of the shell and with the outlet nut, secure the outlet to the shell.

7.6 Remove the tape, securing the braid, insert the split cone under the braid in the mouth of the outlet and trim the braid to length.

7.7 Slide the cable clamping nut up to the outlet and screw the clamping nut to the outlet so that the split core securely clamps both the braid and cable.

DEF 10, Type C and R, Uniradio Type cable, inner collective screen only (fig. 5)



8 Proceed as detailed in para 7.1 to para. 7.7 using the inner collective screen.

Fig. 5 DEF 10, Type C and R cable assembly.

DEF 10, Type H cable, outer collective and individual screens (fig. 6)

9 Proceed as follows:-

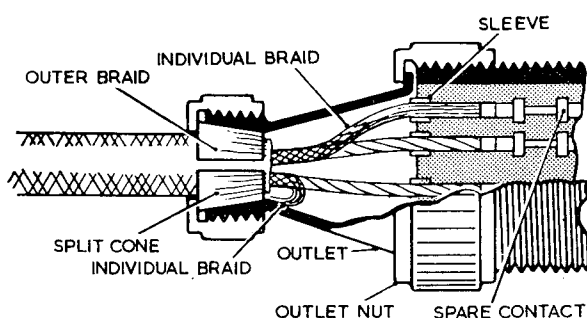


Fig. 6 DEF 10, Type H cable assembly

9.1 Proceed as detailed in para 7.1 to para 7.3.

9.2 Comb the braids of the outer collective and individual screens back over the cable and lightly tape in position, or

9.3 Alternatively, comb out the braid of the outer collective screen back over the cable and lightly tape the braid in position; comb out the individual braids, twist to form a tail, and either crimp or solder the tail to a spare contact.

9.4 Proceed as detailed in para 7.5 to para 7.7.

DEF10, Type J cable, inner collective and individual screens (fig. 7)

10 Proceed as follows:-

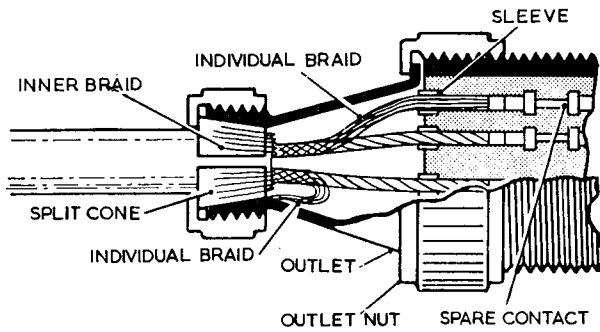


Fig. 7 DEF 10, Type J cable assembly.

10.1 Proceed as detailed in para 7.1 to para 7.3.

10.2 Comb the braids of the inner collective and individual screens back over the cable and lightly tape them in position, or

10.3 Alternatively, comb out the braid of the inner collective back over the cable lightly tape the braid in position; comb out the individual braids, twist to form a tail, and either crimp or solder the tail to a spare contact.

10.4 Proceed as detailed in para. 7.5 to para 7.7.

DEF 10, Type D, E and F cable, individual screens, no collective screen (fig. 8)

11 Proceed as follows:-

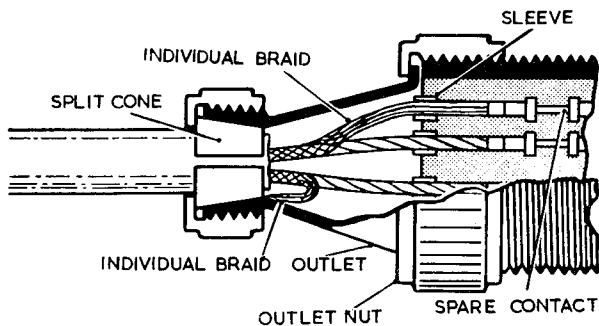


Fig. 8 DEF 10, Type D, E and F cable assembly

11.1 Proceed as detailed in para 7.1 to para 7.3.

11.2 Comb out the braids of the individual screens back over the cable and lightly tape them in position, or

11.3 Alternatively, comb out the braids of the individual screens, twist to form a tail, and either crimp or solder the tail to a spare contact.

11.4 Proceed as detailed in para 7.5 to para 7.7.

Chapter 4CROSS REFERENCESIntroduction

1 This chapter details, in tabular form, cross references between part and service reference numbers.

TABLE 1 PART NO./REF. NO.

Part No.	Nato stock No.
UKAN(ET)5000-14S-2S	5935-99-952 0402
UKAN(ET)5000-14S-2SX	5935-99-952 0400
UKAN(ET)5000-18-1S	5935-99-954 0613
UKAN(ET)5000-18-1SW	5935-99-954 0575
UKAN(ET)5000-18-1SX	5935-99-954 0576
UKAN(ET)5000-20-32S	5935-99-952 0401
UKAN(ET)5000-22-14S	5935-99-954 0581
UKAN(ET)5000-22-14SW	5935-99-954 0580
UKAN(ET)5000-22-14SX	5935-99-954 0579
UKAN(ET)5000-22-14SY	5935-99-954 0578
UKAN(ET)5000-28-21S	5935-99-971 3353
UKAN(ET)5000-16-/S	5935-99-971 3354
UKAN(ET)5106-16-1S	5935-99-944 6076
UKAN(ET)5300-18-8S	5935-99-952 0379
UKAN(ET)5300-28-12S	5935-99-952 0380
UKAN(ET)5402-22-14S	5935-99-944 6077
UKAN(ET)5408-18-1S	5935-99-944 6063
UKAN(ET)5412-28-21S	5935-99-944 6071
UKAN(ET)5502-18-1S	5935-99-944 6062
UKAN(ET)6000-10S-3S	5935-99-954 0577
UKAN(ET)6000-10S-4S	5935-99-952 0381
UKAN(ET)6000-12S-3S	5935-99-952 0445
UKAN(ET)6000-12S-3SW	5935-99-952 0446
UKAN(ET)6000-12S-3SX	5935-99-953 0370
UKAN(ET)6000-12S-3SY	5935-99-952 0371
UKAN(ET)6000-14S-2S	5935-99-954 0582
UKAN(ET)6000-14S-5S	5935-99-952 0372
UKAN(ET)6000-14S-6S	5935-99-952 0376
UKAN(ET)6000-16-1S	5935-99-954 0583
UKAN(ET)6000-18-1S	5935-99-952 0377
UKAN(ET)6000-18-1SW	5935-99-952 0378
UKAN(ET)6000-20-27S	5935-99-952 0382
UKAN(ET)6000-20-29S	5935-99-952 0383
UKAN(ET)6000-20-29SZ	5935-99-952 0385
UKAN6000-28-21P	5935-99-948 2536
UKAN6000-36-7P	5935-99-948 2534
UKAN(ET)6300-10S-3S	5935-99-952 0839
UKAN(ET)6300-10S-4S	5935-99-952 0840
UKAN(ET)6300-14S-2P	5935-99-952 0389
UKAN(ET)6300-14S-2PX	5935-99-952 0837
UKAN(ET)6300-14S-6S	5935-99-952 0387

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN(ET)6300-18-1P	5935-99-954 0594
UKAN(ET)6300-18-1PW	5935-99-954 0595
UKAN(ET)6300-18-1PX	5935-99-954 0596
UKAN(ET)6300-18-8P	5935-99-952 0432
UKAN(ET)6300-20-25S	5935-99-952 0838
UKAN(ET)6300-20-29S	5935-99-952 0431
UKAN(ET)6300-22-14P	5935-99-954 0597
UKAN(ET)6300-22-14PW	5935-99-954 0598
UKAN(ET)6300-22-14PX	5935-99-950 0599
UKAN(ET)6300-22-14PY	5935-99-954 0607
UKAN(ET)6505-14S-2S	5935-99-944 6065
UKAN7000-10S-3P	5935-99-972 2628
UKAN(ET)7000-10S-3P	5935-99-944 6061
UKAN(ET)7000-10S-4P	5935-99-954 0614
UKAN7000-14S-6S	5935-99-950 6219
UKAN(ET)7000-16-1P	5935-99-971 7844
UKAN(ET)7000-18-1P	5935-99-971 7839
UKAN7000-20-29S	5935-99-950 9348
UKAN7000-22-18S	5935-99-580 5181
UKAN(ET)7000-24-28S	5935-99-954 0584
UKAN7000-28-1S	5935-99-971 2551
UKAN(ET)7000-28-21S	5935-99-971 7843
UKAN8000-10S-3P	5935-99-970 4123
UKAN(ET)8000-10S-3P	5935-99-971 6805
UKAN8000-10S-3P-D	5935-99-970 0481
UKAN8000-10S-4P	5935-99-951 4245
UKAN(ET)8000-10S-4S	5935-99-952 0812
UKAN(ET)8000-12S-1S	5935-99-954 0585
UKAN8000-12S-3P	5935-99-971 2516
UKAN(ET)8000-12S-3P	5935-99-970 4122
UKAN(ET)8000-12S-3PW	5935-99-971 2741
UKAN8000-12S-3PX	5935-99-948 8680
UKAN(ET)8000-12S-3S	5935-99-944 6072
UKAN(ET)8000-12S-4P	5935-99-103 7720
UKAN(ET)8000-12S-4S	5935-99-103 7104
UKAN(ET)8000-14S-5P	5935-99-954 0574
UKAN(ET)8000-14S-1S	5935-99-944 6067
UKAN(ET)8000-14S-2P	5935-99-952 0394
UKAN(ET)8000-14S-2S	5935-99-944 6068
UKAN(ET)8000-14S-4P	5935-99-103 7721
UKAN(ET)8000-14S-4S	5935-99-103 7103
UKAN8000-14S-5PX	5935-99-947 9516
UKAN(ET)8000-14S-5S	5935-99-970 4107
UKAN8000-14S-5SX	5935-99-947 9246
UKAN8000-14S-6P	5935-99-914 6500
UKAN(ET)8000-14S-6P	5935-99-054 0573
UKAN8000-14S-6S	5935-99-914 6499
UKAN(ET)8000-14S-6S	5935-99-944 6069
UKAN8000-14S-7P	5935-99-947 5830
UKAN(ET)8000-14S-7S	5935-99-952 0395
UKAN(ET)8000-14S-7SW	5935-99-519 2404
UKAN(ET)8000-14S-7SY	5935-99-519 2403
UKAN(ET)8106-20-27P	5935-99-970 9449
UKAN8107-20-33S	5935-99-951 4741

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN8109-24-2S	5935-99-971 0417
UKAN(ET)8111-22-18S	5935-99-944 6075
UKAN8111-22-22S	5935-99-971 0419
UKAN8112-24-28S	5935-99-951 4738
UKAN(ET)8112-28-11S	5935-99-971 3410
UKAN(ET)8113-28-20S	5935-99-971 3358
UKAN8204-14S-5S	5935-99-971 0787
UKAN9000-10S-3P	5935-99-951 3726
UKAN9000-10S-3S	5935-99-970 4119
UKAN9000-10S-4S	5935-99-954 0557
UKAN(ET)9000-10S-3S	5935-99-580 8880
UKAN9000-10S-3S-D	5935-99-970 0471
UKAN(ET)9000-10S-4S	5935-99-952 0415
UKAN(ET)9000-12S-1P	5935-99-954 0615
UKAN9000-12S-3P	5935-99-947 5922
UKAN(ET)9000-12S-3P	5935-99-954 0815
UKAN9000-12S-3S	5935-99-970 4118
UKAN(ET)9000-12S-3S	5935-99-952 0433
UKAN(ET)9000-14S-2P	5935-99-954 0567
UKAN(ET)9000-14S-2SX	5935-99-954 0630
UKAN(ET)9000-14S-2SY	5935-99-954 0631
UKAN(ET)9000-14S-2S	5935-99-952 0414
UKAN9000-14S-5P	5935-99-947 5916
UKAN(ET)9000-14S-5P	5935-99-970 4104
UKAN9000-14S-5PX	5935-99-946 6680
UKAN9000-14S-5S	5935-99-947 5921
UKAN(ET)9000-14S-5S	5935-99-954 0629
UKAN9000-14S-5SX	5935-99-946 6681
UKAN(ET)9000-14-6P	5935-99-948 2633
UKAN9000-14S-6P-D	5935-99-970 0458
UKAN9000-14S-6S	5935-99-970 0474
UKAN(ET)9000-14S-6S	5935-99-952 0413
UKAN9000-14-7P	5935-99-947 5927
UKAN(ET)9000-14S-7P	5935-99-971 3359
UKAN9000-14S-7P-D	5935-99-970 0469
UKAN9000-14S-7PX	5935-99-951 3548
UKAN(ET)9000-14S-7PW	5935-99-954 0616
UKAN(ET)9000-14S-7S	5935-99-954 0628
UKAN9000-14S-13P	5935-99-948 6533
UKAN(ET)9000-14S-13P	5935-99-954 0600
UKAN9000-16-1P	5935-99-915 2325
UKAN(ET)9000-16-1P	5935-99-971 8541
UKAN(ET)9000-16-1PW	5935-99-952 0418
UKAN(ET)9000-16-1S	5935-99-971 9086
UKAN(ET)9000-16-1SW	5935-99-954 0624
UKAN(ET)9000-16-7P	5935-99-952 0417
UKAN(ET)9000-16-8P	5935-99-954 0601
UKAN(ET)9000-16-9S	5935-99-954 0623
UKAN(ET)9000-16-10P	5935-99-580 9722
UKAN(ET)9000-16-10S	5935-99-580 8879
UKAN(ET)9000-18-1P	5935-99-580 8875
UKAN9000-18-1P	5935-99-901 5346
UKAN9000-18-1P-D	5935-99-970 0456
UKAN9000-18-1PW	5935-99-970 0504

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN9000-18-1S	5935-99-947 9515
UKAN(ET)9000-18-1S	5935-99-971 6803
UKAN9000-18-1S-D	5935-99-970 0475
UKAN(ET)9000-18-1SX	5935-99-954 0625
UKAN(ET)9000-18-1SY	5935-99-954 0626
UKAN(ET)9000-18-4S	5935-99-954 0627
UKAN9000-18-11P	5935-99-915 2324
UKAN9000-18-11PX	5935-99-901 5175
UKAN9000-18-11PY	5935-99-901 5105
UKAN9000-18-11S	5935-99-946 3884
UKAN9000-18-1SW	5935-99-970 0505
UKAN(ET)9000-18-8P	5935-99-952 0416
UKAN(ET)9000-18-8S	5935-99-954 0617
UKAN(ET)9000-18-11S	5935-99-952 0420
UKAN9000-18-11SX	5935-99-901 5162
UKAN9000-18-11SY	5935-99-901 5102
UKAN(ET)9000-18-22SX	5935-99-954 0619
UKAN(ET)9000-18-22SY	5935-99-954 0620
UKAN(ET)9000-18-23S	5935-99-954 0618
UKAN(ET)9000-20-3P	5935-99-952 0419
UKAN9000-20-4P	5935-99-946 3835
UKAN(ET)9200-20-4P	5935-99-952 0441
UKAN9000-20-4P	5935-99-946 3836
UKAN(ET)9000-20-7S	5935-99-971 3360
UKAN(ET)9000-20-8S	5935-99-952 0424
UKAN9000-20-7S	5935-99-946 3885
UKAN9000-20-7PW	5935-99-947 6766
UKAN9000-20-11S	5935-99-946 3886
UKAN(ET)9000-20-11S	5935-99-954 0621
UKAN9000-20-15P	5935-99-970 3166
UKAN(ET)9000-20-15P	5935-99-954 0602
UKAN9000-20-15PW	5935-99-947 9513
UKAN9000-20-15S	5935-99-970 3167
UKAN(ET)9000-20-18P	5935-99-944 4088
UKAN9000-20-21S	5935-99-046 7941
UKAN9000-20-22P	5935-99-946 3837
UKAN9000-20-22PW	5935-99-946 3838
UKAN9000-20-22PX	5935-99-946 3839
UKAN9000-20-22PY	5935-99-946 3840
UKAN9000-20-22S	5935-99-946 3887
UKAN9000-20-22SW	5935-99-952 4073
UKAN9000-20-22SX	5935-99-946 3888
UKAN9000-20-22SY	5935-99-946 3889
UKAN9000-20-21P	5935-99-953 4603
UKAN(ET)9000-20-23P	5935-99-952 0423
UKAN9000-20-27P	5935-99-946 3841
UKAN(ET)9000-20-27P	5935-99-954 0554
UKAN9000-20-27PW	5935-99-970 0271
UKAN(ET)9000-20-27SW	5935-99-954 0610
UKAN9000-20-27S	5935-99-946 3890
UKAN(ET)9000-20-27S	5935-99-972 2632
UKAN9000-20-27SX	5935-99-954 0550
UKAN9000-20-27SW	5935-99-970 4117
UKAN(ET)9000-20-27SX	5935-99-954 0609

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN9000-20-27SY	5935-99-954 0551
UKAN(ET)9000-20-27SY	5935-99-954 0608
UKAN9000-20-27SY	5935-99-954 0552
UKAN(ET)9000-20-27SZ	5935-99-954 0622
UKAN(ET)9000-20-29P	5935-99-954 0603
UKAN9000-20-29PW-D	5935-99-970 0470
UKAN(ET)9000-20-29S	5935-99-580 9504
UKAN9000-20-29S-D	5935-99-970 0477
UKAN(ET)9000-20-29SZ	5935-99-954 0612
UKAN(ET)9000-20-33S	5935-99-954 0591
UKAN9000-22-14P	5935-99-901 5101
UKAN(ET)9000-22-14P	5935-99-944 6052
UKAN9000-22-14P-D	5935-99-970 0459
UKAN9000-22-14PW	5935-99-901 5360
UKAN9000-22-14S	5935-99-970 3168
UKAN(ET)9000-22-14S	5935-99-580 8878
UKAN9000-22-14S-D	5935-99-970 0473
UKAN9000-22-17P	5935-99-901 5140
UKAN9000-22-17S	5935-99-901 5107
UKAN9000-22-18P	5935-99-946 3842
UKAN9000-22-18S	5935-99-946 3891
UKAN(ET)9000-22-18S	5935-99-954 0592
UKAN(ET)9000-22-19P	5935-99-952 0422
UKAN(ET)9000-22-19PW	5935-99-952 0427
UKAN(ET)9000-22-20S	5935-99-971 3363
UKAN9000-22-22P	5935-99-946 3843
UKAN(ET)9000-22-22P	5935-99-954 0604
UKAN(ET)9000-22-22S	5935-99-954 0593
UKAN9000-22-22S	5935-99-946 3892
UKAN9000-22-23S	5935-99-901 5145
UKAN9000-22-23SW	5935-99-901 4884
UKAN9000-22-23SY	5935-99-901 4895
UKAN(ET)9000-24-7P	5935-99-952 0426
UKAN9000-24-7S	5935-99-970 0507
UKAN9000-24-7SW	5935-99-970 0508
UKAN9000-24-10P	5935-99-949 9066
UKAN9000-24-27PW	5935-99-970 0506
UKAN9000-24-10S	5935-99-951 7100
UKAN(ET)9000-24-28P	5935-99-580 8874
UKAN9000-24-28S	5935-99-947 5914
UKAN(ET)9000-24-28S	5935-99-580 8877
UKAN9000-24-28SW	5935-99-970 0472
UKAN9000-28-1P	5935-99-946 3844
UKAN9000-28-1PW	5935-99-946 3845
UKAN9000-28-1S	5935-99-945 8674
UKAN9000-28-1SW	5935-99-946 3894
UKAN9000-28-11P	5935-99-946 3846
UKAN(ET)9000-28-11P	5935-99-580 9725
UKAN(ET)9000-28-11PW	5935-99-972 2633
UKAN9000-28-11SW	5935-99-948 9858
UKAN(ET)8000-16-1P	5935-99-971 6806
UKAN(ET)8000-16-1S	5935-99-944 6070
UKAN(ET)8000-16-1SW	5935-99-952 0396
UKAN8000-14S-7SX	5935-99-952 4077

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN8000-14S-10S	5935-99-951 4244
UKAN(ET)8000-16-7S	5935-99-952 0391
UKAN8000-16-8P	5935-99-972 4417
UKAN8000-16-8S	5935-99-970 4121
UKAN(ET)8000-16-10P	5935-99-580 8864
UKAN(ET)8000-16-10S	5935-99-971 6804
UKAN8000-18-1P	5935-99-952 4486
UKAN(ET)8000-18-1P	5935-99-580 9902
UKAN8000-18-1PW	5935-99-970 0502
UKAN8000-18-1S	5935-99-900 6090
UKAN(ET)8000-18-1S	5935-99-944 6074
UKAN8000-18-1S-D	5935-99-970 0478
UKAN8000-18-1SW	5935-99-946 8684
UKAN(ET)8000-18-8P	5935-99-954 0572
UKAN(ET)8000-18-8S	5935-99-952 0392
UKAN8000-18-11P	5935-99-946 3812
UKAN8000-18-11PX	5935-99-900 6095
UKAN8000-18-11PY	5935-99-900 6092
UKAN8000-18-11S	5935-99-946 3867
UKAN(ET)8000-18-11S	5935-99-952 0393
UKAN8000-18-11SX	5935-99-947 9217
UKAN(ET)8000-20-3S	5935-99-952 3213
UKAN8000-20-4P	5935-99-947 9245
UKAN8000-20-4S	5935-99-946 3868
UKAN8000-20-7P	5935-99-946 3813
UKAN(ET)8000-20-7P	5935-99-954 0570
UKAN8000-20-7S	5935-99-946 3869
UKAN(ET)8000-20-7S	5935-99-954 0586
UKAN8000-20-7SW	5935-99-947 6768
UKAN(ET)8000-20-8P	5935-99-952 0390
UKAN8000-20-15P	5935-99-970 0251
UKAN8000-20-15S	5935-99-947 9514
UKAN(ET)8000-20-15S	5935-99-954 0587
UKAN8000-20-15SW	5935-99-947 9512
UKAN(ET)8000-20-18S	5935-99-948 8671
UKAN8000-20-21P	5935-99-946 3864
UKAN8000-20-21S	5935-99-953 4499
UKAN8000-20-22P	5935-99-946 3814
UKAN8000-20-22PW	5935-99-952 4074
UKAN8000-20-22PX	5935-99-946 3815
UKAN8000-20-22S	5935-99-946 3870
UKAN8000-20-22SW	5935-99-946 3871
UKAN8000-20-22SX	5935-99-946 3872
UKAN8000-20-22SY	5935-99-946 3873
UKAN(ET)8000-20-23S	5935-99-952 3214
UKAN8000-20-27P	5935-99-946 3817
UKAN(ET)8000-20-27P	5935-99-954 0571
UKAN8000-20-27P-D	5935-99-914 5770
UKAN8000-20-27PW	5935-99-970 3122
UKAN8000-20-27S	5935-99-946 3874
UKAN8000-20-27SW	5935-99-971 0792
UKAN(ET)8000-20-27S	5935-99-944 4094
UKAN8000-20-29P-D	5935-99-970 3754
UKAN8000-20-29PW	5935-99-944 9031

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN8000-20-29S	5935-99-952 2427
UKAN(ET)8000-20-29S	5935-99-944 4096
UKAN8000-20-29S-D	5935-99-970 3758
UKAN8000-20-29SW-D	5935-99-970 3757
UKAN8000-20-29SZ	5935-99-952 2447
UKAN8000-22-14P	5935-99-950 5877
UKAN(ET)8000-22-14P	5935-99-580 8862
UKAN8000-22-14S	5935-99-947 9044
UKAN(ET)8000-22-14S	5935-99-944 6066
UKAN8000-22-14SW	5935-99-900 6091
UKAN8000-22-17P	5935-99-946 3818
UKAN8000-22-17S	5935-99-900 7699
UKAN8000-22-18P	5935-99-946 3819
UKAN8000-22-18S	5935-99-946 3875
UKAN8000-22-19P	5935-99-970 4120
UKAN8000-22-19S	5935-99-954 0558
UKAN(ET)8000-22-19S	5935-99-952 3215
UKAN(ET)8000-22-19SW	5935-99-952 0917
UKAN8000-22-22P	5935-99-946 3820
UKAN(ET)8000-22-22P	5935-99-954 0569
UKAN8000-22-22PY	5935-99-946 3816
UKAN8000-22-22S	5935-99-946 3876
UKAN(ET)8000-22-22S	5935-99-954 0588
UKAN8000-22-23PW	5935-99-947 9045
UKAN8000-22-23PY	5935-99-900 6085
UKAN(ET)8000-24-2P	5935-99-948 8479
UKAN8000-24-7PW	5935-99-970 0503
UKAN(ET)8000-24-7S	5935-99-952 0918
UKAN8000-24-7SW	5935-99-946 8683
UKAN(ET)8000-24-7SW	5935-99-971 0920
UKAN8000-24-10P	5935-99-914 9738
UKAN8000-24-10S	5935-99-914 9739
UKAN8000-24-28P	5935-99-945 4763
UKAN(ET)8000-24-28P	5935-99-508 8863
UKAN(ET)8000-24-28S	5935-99-580 8866
UKAN8000-28-1P	5935-99-946 3822
UKAN8000-28-1S	5935-99-946 3877
UKAN8000-28-11P	5935-99-946 3823
UKAN8000-28-11PW	5935-99-970 0249
UKAN8000-28-11S	5935-99-946 3878
UKAN(ET)8000-28-11S	5935-99-580 8869
UKAN(ET)8000-28-11SW	5935-99-972 2629
UKAN(ET)8000-28-11SZ	5935-99-972 2630
UKAN8000-28-12P	5935-99-946 3824
UKAN(ET)8000-28-12P	5935-99-580 8871
UKAN8000-28-12PW	5935-99-970 0270
UKAN8000-28-12PY	5935-99-970 0276
UKAN8000-28-12S	5935-99-946 3879
UKAN(ET)8000-28-12S	5935-99-580 8870
UKAN8000-28-12SW	5935-99-970 0274
UKAN(ET)8000-28-17P	5935-99-954 0568
UKAN(ET)8000-28-17S	5935-99-954 0589
UKAN8000-28-18P	5935-99-947 8811
UKAN8000-28-20P	5935-99-946 3828

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN8000-28-20PW	5935-99-971 0267
UKAN8000-28-20PX	5935-99-946 3829
UKAN8000-28-20PY	5935-99-946 3830
UKAN8000-28-20S	5935-99-946 3880
UKAN8000-28-21P	5935-99-914 4008
UKAN(ET)800-28-21P	5935-99-580 8865
UKAN8000-28-21P-D	5935-99-970 0480
UKAN8000-28-21PW	5935-99-945 4761
UKAN(ET)8000-28-21PW	5935-99-946 9099
UKAN8000-28-21PW-D	5935-99-970 0479
UKAN8000-28-21PY	5935-99-947 5926
UKAN8000-21SW	5935-99-913 2609
UKAN(ET)8000-28-21SW	5935-99-971 3355
UKAN8000-28-21SX-D	5935-99-970 2726
UKAN8000-32-2P	5935-99-947 8606
UKAN8000-32-2PW	5935-99-947 7397
UKAN(ET)8000-32-7P	5935-99-580 8872
UKAN(ET)8000-32-7S	5935-99-580 8867
UKAN(ET)8000-32-7SW	5935-99-952 0919
UKAN(ET)8000-32-7SX	5935-99-952 0397
UKAN(ET)8000-32-7SY	5935-99-952 0398
UKAN8000-36-7S	5935-99-914 0941
UKAN(ET)8000-36-7S	5935-99-951 8212
UKAN8000-36-7S-D	5935-99-970 3756
UKAN8000-36-7SW-D	5935-99-970 3755
UKAN(ET)8000-36-8P	5935-99-971 3356
UKAN(ET)8000-36-8S	5935-99-970 4106
UKAN8000-36-10P	5935-99-970 0752
UKAN8000-36-10S	5935-99-970 0755
UKAN(ET)8000-36-10S	5935-99-944 6073
UKAN8000-36-11P	5935-99-945 6718
UKAN8000-36-11S	5935-99-946 3883
UKAN(ET)8000-36-15S	5935-99-952 0399
UKAN8012-28-1S	5935-99-970 2600
UKAN8012-28-12S	5935-99-970 2601
UKAN(ET)8102-12S-3S	5935-99-519 2442
UKAN(ET)8102-14S-6S	5935-99-971 3357
UKAN(ET)8102-16-9S	5935-99-948 8315
UKAN(ET)8104-14S-2P	5935-99-519 2441
UKAN(ET)8104-14S-2S	5935-99-519 2443
UKAN(ET)8104-16-9S	5935-99-972 2631
UKAN(ET)8104-20-27S	5935-99-944 4090
UKAN8105-16-1S	5935-99-951 4737
UKAN(ET)8105-24-20S	5935-99-970 4105
UKAN9000-28-12P	5935-99-946 3847
UKAN9000-28-11S	5935-99-950 6988
UKAN(ET)9000-28-11PZ	5935-99-972 2634
UKAN9000-28-12PW	5935-99-946 3848
UKAN9000-28-12S	5935-99-946 3895
UKAN(ET)9000-28-12P	5935-99-580 9724
UKAN9000-28-12P-D	5935-99-970 2497
UKAN(ET)9000-28-12S	5935-99-580 9729
UKAN9000-28-12SW	5935-99-946 3896
UKAN(ET)9000-28-17P	5935-99-954 0605

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN(ET)9000-28-17S	5935-99-954 0590
UKAN9000-28-20P	5935-99-946 3849
UKAN9000-28-20S	5935-99-947 8812
UKAN9000-28-20SW	5935-99-952 4075
UKAN9000-28-21P	5935-99-946 3850
UKAN(ET)9000-28-21P	5935-99-580 8986
UKAN9000-28-21P-D	5935-99-970 0460
UKAN9000-28-21PX	5935-99-947 5924
UKAN9000-28-21PW	5935-99-947 5915
UKAN(ET)9000-28-21PW	5935-99-971 3361
UKAN9000-28-21PW-D	5935-99-970 0457
UKAN9000-28-21PY	5935-99-947 5923
UKAN9000-28-21PZ	5935-99-947 2614
UKAN9000-28-21PY-D	5935-99-970 0490
UKAN9000-28-21PZ-D	5935-99-970 2484
UKAN9000-28-21S	5935-99-945 8676
UKAN(ET)9000-28-21S	5935-99-970 4102
UKAN9000-28-21S-D	5935-99-970 0476
UKAN9000-28-21SW	5935-99-947 5917
UKAN(ET)9000-28-21SW	5935-99-971 3362
UKAN9000-28-21SX	5935-99-947 5918
UKAN9000-28-21SY	5935-99-947 5925
UKAN9000-32-2S	5935-99-947 7398
UKAN9000-32-2SW	5935-99-947 7399
UKAN(ET)9000-32-7P	5935-99-580 8873
UKAN(ET)9000-32-7PW	5935-99-952 0429
UKAN(ET)9000-32-7PX	5935-99-952 0430
UKAN(ET)9000-32-7PY	5935-99-952 0425
UKAN9000-32-7S	5935-99-954 0555
UKAN(ET)9000-32-7S	5935-99-580 9726
UKAN(ET)9000-32-17S	5935-99-580 8876
UKAN9000-36-7P	5935-99-914 0942
UKAN(ET)9000-36-7P	5935-99-951 8213
UKAN(ET)9000-36-8P	5935-99-970 4101
UKAN(ET)9000-36-8PW	5935-99-970 4100
UKAN(ET)9000-36-8S	5935-99-970 4099
UKAN9000-36-10P	5935-99-947 5920
UKAN(ET)9000-36-10P	5935-99-580 9838
UKAN9000-36-10P-D	5935-99-970 4754
UKAN9000-36-10S	5935-99-947 5919
UKAN9000-36-11P	5935-99-946 3851
UKAN9000-36-11S	5935-99-947 8813
UKAN(ET)9000-36-15P	5935-99-952 0428
UKAN(ET)9101-10S-3S	5935-99-944 6064
UKAN(ET)9102-16-9P	5935-99-944 4089
UKAN9102-20-22P	5935-99-950 7218
UKAN9102-20-22S	5935-99-950 7217
UKAN9102-22-17P	5935-99-950 7216
UKAN9102-22-17S	5935-99-950 7220
UKAN(ET)9103-10S-4S	5935-99-971 7199
UKAN(ET)9103-12S-3S	5935-99-971 7841
UKAN(ET)9103-16-1P	5935-99-972 3267
UKAN(ET)9103-16-1S	5935-99-944 4092
UKAN9103-20-22SW	5935-99-970 0280

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN9104-28-1S	5935-99-950 7219
UKAN9105-10S-3S	5935-99-952 4931
UKAN9105-14S-7P	5935-99-947 5831
UKAN9105-14S-7S	5935-99-947 5832
UKAN(ET)9105-16-8S	5935-99-944 4091
UKAN9105-28-1P	5935-99-970 2602
UKAN9105-28-1S	5935-99-970 2603
UKAN9105-28-12S	5935-99-953 4507
UKAN(ET)9106-16-1S	5935-99-971 7842
UKAN9106-20-22P	5935-99-952 4007
UKAN9106-20-22S	5935-99-952 1939
UKAN9106-22-17P	5935-99-952 4006
UKAN9106-22-17S	5935-99-952 4008
UKAN9107-28-11S	5935-99-953 4506
UKAN9107-16-1P	5935-99-952 4930
UKAN9107-28-21P	5935-99-970 4784
UKAN9108-28-11S	5935-99-948 9363
UKAN9108-28-12S	5935-99-948 9364
UKAN9109-20-4S	5935-99-947 6767
UKAN(ET)9109-20-27P	5935-99-944 4087
UKAN9109-24-2P	5935-99-971 0418
UKAN9109-28-1S	5935-99-944 8223
UKAN9109-28-20S	5935-99-953 4401
UKAN9109-28-20SW	5935-99-953 4400
UKAN9113-28-11P	5935-99-953 4504
UKAN(ET)9110-18-1P	5935-99-944 6059
UKAN9110-28-16P	5935-99-972 1086
UKAN9110-28-21P	5935-99-970 4782
UKAN9110-28-21PW	5935-99-970 4781
UKAN(ET)9110-28-21S	5935-99-580 9767
UKAN9110-28-21SW	5935-99-970 4783
UKAN9111-20-27S	5935-99-952 5272
UKAN(ET)9111-22-18P	5935-99-944 6058
UKAN9111-22-22P	5935-99-971 0421
UKAN9112-28-1P	5935-99-970 2604
UKAN9112-28-20S	5935-99-948 9367
UKAN9112-28-21S	5935-99-971 3581
UKAN9113-28-11S	5935-99-952 4076
UKAN9113-28-20P	5935-99-953 4505
UKAN9113-28-20S	5935-99-948 9365
UKAN(ET)9113-28-21P	5935-99-580 9768
UKAN9115-28-12PW	5935-99-948 9622
UKAN9115-28-20P	5935-99-948 9429
UKAN9115-28-11S	5935-99-948 9366
UKAN9115-28-11P	5935-99-948 9802
UKAN9116-28-21S	5935-99-948 9623
UKAN(ET)9117-36-10P	5935-99-944 6060
UKAN(ET)9200-14S-6P	5935-99-952 0813
UKAN(ET)9203-12S-3P	5935-99-944 6057
UKAN(ET)9203-14S-1P	5935-99-944 6053
UKAN(ET)9203-14S-2P	5935-99-944 6054
UKAN9203-14S-5S	5935-99-971 0793
UKAN(ET)9204-20-27P	5935-99-944 4086
UKAN9205-10S-3S	5935-99-952 6134

(continued)

TABLE 1 PART NO./REF. NO. (continued)

Part No.	Nato stock No.
UKAN(ET)9205-14S-6P	5935-99-944 6055
UKAN(ET)9205-16-1P	5935-99-944 6056
UKAN(ET)9205-20-29P	5935-99-944 4093
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UKAN(ET)9207-20-27S	5935-99-970 4098
UKAN(ET)9207-28-21SW	5935-99-948 8478
UKAN(ET)9209-20-8S	5935-99-970 4097
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UKAN(ET)9210-24-28P	5935-99-970 4096
UKAN(ET)9213-28-21S	5935-99-971 3364
UKAN9600-10S-3S	5935-99-950 8128
UKAN9600-12S-3P	5935-99-970 4116
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UKAN9600-14S-5P	5935-99-970 4114
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UKAN9600-14S-6S	5935-99-970 0260
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