

Technical Specification for STRAPS, WRIST, BADGES OF RANK



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PREFACETABLE 1 – PRODUCT LIST

Item Name	STRAPS, WRIST, BADGES OF RANK	
Development File No.	D/DCIPT/CST/NR/4.60	
Product Support File No.		
NATO Stock Number	Designation	Pattern Number
8455-99-974-0618	Strap Wrist Badge of Rank Small	15970
8455-99-974-0617	Strap Wrist Badge of Rank Large	17555
8455-99-139-0960	Strap Wrist Badge of Rank White Large	27578

Any colour shown in this document is for representation and must not be used for colour matching.

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TABLE 2 – ISSUE RECORD

Issue No.	Comments	Issue Date
1	Reformatted from UK/ISC/C/2840 and converted to metric.	19 March 2004

PART 1

1. THE PRODUCT

- a. Use of the Product. The Strap Wrist Badges of Rank is worn by Warrant Officers on the right wrist and holds an authorised badge of rank.



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FIGURE 1.

TABLE 3 - RELATED SPECIFICATIONS AND DOCUMENTS

Specification/Document	Detail
BS EN ISO 105 Pt X12	Textiles. Test for colour fastness. Colour fastness to rubbing.
BS 7318	Specification for industrial sewing threads made from linen (flax) or cotton.
Statutory Instrument 2000 No. 1668	The Dangerous Substances and Preparations (Nickel) (Safety) Regulations 2000.

2. PATTERNS.

- a. Master Patterns. The DC IPT at Caversfield holds a Master Pattern for this product. Potential contractors may view the pattern on site by arrangement with the DC IPT Commercial Department.
- b. Standard Patterns. A Standard Pattern may be obtained from the DC IPT Technical Information Office and may be used to provide the criteria for all materials, components and manufacturing features not fully defined in this specification.

PART 23. PRODUCT DESIGN

- a. Product Description. The Strap Wrist Badges of Rank is produced in either brown or white finished vegetable tanned leather as required. They comprise a strap with buckle, and two strap keeper loops, threaded through a large or small badge holder as detailed in Table 5 and shown on the Standard Pattern.

TABLE 4 – PRODUCT COMPONENTS

4.1 Leather	<ul style="list-style-type: none"> Leather, cowhide vegetable tanned, substance 1.5 mm to 1.75mm, colour brown as Standard Pattern. The leather shall meet the requirements of Table 7 for colourfastness.
4.2 Leather	<ul style="list-style-type: none"> Leather, cowhide vegetable tanned, substance 1.5mm to 1.75mm, grain finished white as Standard Pattern. The leather shall meet the requirements of Table 7 for colourfastness
4.3 Buckle	<ul style="list-style-type: none"> Brass, nickel-plated 10mm x 16mm, 1 prong, or an alternative approved by DC IPT. All nickel and nickel plated components are to comply with the requirements of Statutory Instrument 2000 No. 1668 The Dangerous Substances and Preparations (Nickel) (Safety) Regulations 2000.
4.4 Sewing	<ul style="list-style-type: none"> Flax, well bees-waxed, brown, Metric Ticket No.18, 3 cord, to BS 7318, Table 2.

TABLE 5 – PRODUCT CONSTRUCTION

5.1 Straps	<ul style="list-style-type: none"> • The straps shall be cut in one piece. • One end shall be shaped as shown on the relevant Standard Pattern and have six 1mm diameter punched holes. The first hole is to be 35mm from the shaped end, the holes are to be spaced 15mm apart. • The other end shall be turned over and hand stitched to hold the buckle and a strap keeper loop. • The buckle end of the strap shall have a runner/strap keeper loop. • Stitching shall be by hand with three stitches per 10mm, there shall be no loose stitching, all ends securely fastened of by backstitching. Stitching shall not be proud of the leather.
5.2 Small Badge Holder	<ul style="list-style-type: none"> • The holder, consisting of one layer of leather, shall have two 17mm slots, one either side, so that the strap can be fitted, also two 5mm diameter punched holes for the badge attachment, as shown on the Standard Pattern.
5.3 Large Badge Holder	<ul style="list-style-type: none"> • The holder, consisting of two layers of leather, each shall have two 17mm slots, one either side, so that the strap can be fitted, as shown on the Standard Pattern.

TABLE 6 – FINISHED DIMENSIONS (ALL MEASUREMENTD IN MM)

NATO Stock No. 8455-99	Size	Length of Strap ±2mm	Width of Strap ±0.5mm	Length of badge holder ±1mm	Width of badge holder at widest part ±1mm
974-0618	Small	290	15	76	55
974-0617	Large	290	15	92	70
139-0960	Large	290	15	92	70

4. LABELLING REQUIREMENTS

- The straps shall be clearly and indelibly marked with 3 ±0.1mm figures/letters on the flesh/reverse side of the badge holder with the contract number, year and month of manufacture, the NATO Stock Number prefixed by the management code and any other such markings as the contract or order may require.

TABLE 7 – COLOUR FASTNESS

TEST METHOD	PROPERTY	REQUIREMENT Minimum Rating
BS EN ISO 105 - X12	Colour fastness to rubbing Dry - 128 Revolutions Grain Surface Felt Pad Wet – 64 Revolutions Grain Surface Felt Pad	3 3 3 2