

~~CONFIDENTIAL~~
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Specification No. IND/GS/1927(a)

भारत सरकार
रक्षा मंत्रालय
गुणता आश्वासन महानिदेशालय
GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
(DQA ORGANISATION)
SPECIFICATION

FOR

PACK OPENING SPRING ELASTIC (PARACHUTE PTR-B)
(SPRING ELASTIC LONG & SPRING ELASTIC SHORT)
DS Cat. No. 1670-000331

ISSUED BY

नियंत्रक
गुणता आश्वासन नियंत्रणालय (सामान्य वस्तु)
रक्षा उत्पादन तथा आपूर्ति विभाग
रक्षा मंत्रालय
(गुणता आश्वासन महानिदेशालय)
पोस्ट बॉक्स संख्या 127
मानपुर 200 001

CONTROLLER
CONTROLLERATE OF QUALITY ASSURANCE (GENERAL STORES)
DEPARTMENT OF DEFENCE PRODUCTION & SUPPLIES
MINISTRY OF DEFENCE (DQA)
POST BOX No. 127
MANPUR - 200 001

PRICE : Re. ~~1.00~~
130/-

YEAR : 2002

FOR CONTROLLER
गुणता आश्वासन नियंत्रणालय (सामान्य वस्तु)
Controllerate of Quality Assurance
पोस्ट बॉक्स संख्या-127, कानपुर
Post Box No. 127 MANPUR

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CONTROL

Control of Quality Assurance

17/02/84-12/1/84

157, BANARAS

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0.0 FOREWORD

0.1 This specification has been prepared by Controllerate of Quality Assurance (General Stores), Kanpur on behalf of the Director General Quality Assurance, Ministry of Defence, New Delhi.

0.2 This specification shall be used to guide procurement, manufacture & Quality Assurance of the store for which it is intended.

0.3 The Quality Assurance Authority for the store covered by this specification is the Controller, Controllerate of Quality Assurance (General Stores), P.B.No.127, Kanpur-208 001. Enquiries regarding this specification related to technical or any other contractual conditions shall be referred to the Quality Assurance Authority named in the purchase document viz. tender or contract.

0.4 This Specification is a live document and is, therefore, likely to undergo changes. Any major change in design should have the approval of General Staff/Users, financial concurrence in the form of DGOA approval. Thus, it may involve some price difference. Therefore, a specification issued holds good only for the supply order for which it is issued.

0.5 Copies of any other reference documents, such as specification/drawing/instructions/guides etc. can be obtained on payment from the addresses as shown below :-

0.6 Whenever a reference to any other specification occurs in this specification, it shall be taken as a reference to the latest version of that specification.

Specification	Source
I.S. Series	Director General Bureau of Indian Standards, Manak Bhawan 9, Bahadur Shah Zafar Marg, NEW DELHI-110 002. Or its Regional Offices at Mumbai, Calcutta, Chennai and Kanpur.
IND/GS/series JSS & Supple. Schedule in COA(GS)/SS. Series	Or their Regional Establishments 1. Sr. Quality Assurance officer S. Q. A. Estt.(GS) Hastings, CALCUTTA - 700 022.
IND/SL series	2. Sr. Quality Assurance officer S. Q. A. Estt.(GS) DGOA Complex, LBS Marg Vikhroli, MUMBAI - 400 083. 3. Sr. Quality Assurance Officer S. Q. A. Estt.(GS) P. B. No. 307, KANPUR-208 001.
IND/TC series	The Controller, Controllerate of Quality Assurance (T&C), PB No 294, KANPUR-208 001.
IND/SL series for petroleum products (if required).	4. Sr. Quality Assurance Officer S. Q. A. Estt (GS) DGOA Complex, Pachavanthangal, CHENNAI - 600 119.
	The Controller, Controllerate of Quality Assurance (petroleum produ- cts), P.B. No.244, KANPUR-208 001.

CONTROLLED
CONTROLLERATE OF QUALITY ASSURANCE
MINISTRY OF DEFENCE
NEW DELHI-110 002

'DMSRDE' series The Director,
(if required) DMSRDE, BT Road,
KANPUR-208 013.

to Sr. Quality Assurance Officer
S. O. A. Estt(85), Grand Parbat
NEW DELHI-110 005.

to Sr. Quality Assurance Officer
S. O. A. Estt(85),
Shahjahanpur - 242 001.

1.0 SCOPE

1.1 This specification covers the requirements of Pack Opening Spring Elastic (Parachute PTR-R) (Spring Elastic, long) (Spring Elastic Short) (DS Cat. No.1670-000331) and provides guidance to contractors /suppliers, manufacturers, Quality Assurance Agencies and stockists/indentors etc.

2.0 RELATED SPECIFICATIONS AND DOCUMENTS

Srl.No.	Specification No.	Title / Subjects
(a)	IS:1570-1961 (Amdt.5) (Reaffirmed-1993)	Schedules for wrought steels for general Engineering purposes.
(b)	IS:2102 (Pt-I)-1993 (Third Revision)	General Tolerances : Tolerances for linear & angular dimensions without individual tolerance indications.
(c)	IS:2500 (Pt-I)-1992 (Second Revision)	Sampling Inspection procedures : Attribute sampling plans indexed by Acceptable Quality Level (AQL) for lot-by-lot inspection.
(d)	IS:2771 (Pt-I)-1990 (2nd Rev. Amdt. 1)	Fibreboard Boxes: Corrugated Fibre Board Boxes.
(e)	IS:4185-1989 (1st Rev.) and CIGS/SS/185(b)	Adhesive Paper Tapes.
(f)	IS:4905-1968 (Amdt. 1) (Reaffirmed-1991)	Methods for Random Sampling.
(g)	JSS:8115-1 with Amdt No.1 & and CIGS/SS/27(e)	Boxes Rigid Collapsible Covered Type 'D'.
(h)	JSS:9330-2 with Amdt. list No.1 and CIGS/SS/313(a)	Polythene film 0.04 mm thick.
(i)	JSS:7530-1 (Aug-86) with SS No CQA(85)/SS/427	Label Carton 50 mm x 25 mm.
(j)	IND/66/1683(a)	Polypropylene Strapping (0.55 mm thick x 12 mm width).
(k)	IS:1572:1986 (2nd rev) (Reaffirmed-1991)	Electroplated coating of cadmium on Iron & steel.
(l)	IS:394:1985 (2nd Rev.) Reaff-1990 & CQA(85)/SS/28(a)	Inf. Cloth marking (85a).
(m)	IS:4229:1992 (2nd Rev)	Textiles Nylon sewing threads for aerospace purposes.

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3.0 STANDARD PATTERN

3.1 Standard pattern of Pack Opening Spring Elastic (Parachute PTR-R) (Spring Elastic Long) (Spring Elastic Short) (DS Cat No. 1670-00033D) held by the Controllerate of Quality Assurance (General Stores), Post Box No. 177, Kanpur shall constitute the standard as regards any particular properties, not noted or defined in this specification.

4.0 MATERIAL

4.1 The item shall be manufactured from the following materials :

Srl No.	Store/component	Material & Grade if any	Specification
(i)	Sheath Nylon O.G. five channel	Nylon (O.G.)	Total width - 36 ± 1 mm Thickness - 0.73 ± 0.02 mm under 200 g/cm square pressure width of each channel 7 ± 1 mm -0 mm Total No. of ends - 199 Picks per cm - 18/19 Denier of yarn warp - 210/2 Denier of yarn weft - 210/2 Weight - 11/13 g/metre Weave - Tubular plain Inter woven at four places to make five channels.
(ii)	Identification	Nylon (white)	As above Except Weave.
(iii)	Thread sewing Nylon Heavy O.G.	Nylon (O.G.)	IS:4229:1992 (2nd Rev.)
(iv)	Spring & Hooks	Steel Gr.C 55 or C 65	IS:1570:1961 (Amdt.5) (Reaffirmed-1993)
(v)	Ink Cloth Marking (Black)	-----	IS:394:1985 & SS No. COA(M)/SS/28(a).

4.2 Test certificates of materials from recognised laboratories shall be obtained showing physical and chemical properties if the manufacturer does not have his own laboratory.

5.0 PROCESSING

5.1 Pack Opening Spring Elastic (Parachute PTR-R) (Spring Elastic, Long) (Spring Elastic, Short) shall be manufactured to the shape and design as shown in the relevant plate, attached to this specification.

5.2 Spring & Hooks shall be Cadmium plated to a min. thickness of 0.012 mm & chromate passivated as per specn No. IS:1572-1986 (2nd Rev.) (Reaff-1991)

6.0 DIMENSIONS AND TOLERANCES

6.1 DIMENSIONS

6.1.1 The store shall conform to the dimension shown in the plate attached to this specification.

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Controllerate of Quality Assurance
Kanpur

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12.0 CRITERIA FOR CONFORMITY

12.1 All the sample units as specified in Table I and II are required to be tested / inspected irrespective of the rejection number or AQL being achieved earlier.

12.2 The Quality Assurance Officer shall draw samples as per Table I for dimensional/nondestructive/visual inspection to assess the quality of the lot. If the quality of the lot indicates conformity to the standard as laid down in Table I, sampling for laboratory testing will be done. Otherwise the lot shall be straightway rejected.

12.3 Sampling for Laboratory Testing

12.3.1 If the lot is considered conforming to the quality standards as specified in Table I, sampling for laboratory tests shall be carried out as per Table II and the samples shall be subjected to the laboratory tests.

12.4 Bulk Sentencing

12.4.1 If the laboratory test report indicates that the lot does not conform to the standards as specified in Table II, the whole lot shall be rejected.

12.4.2 The lot shall be considered conforming to the specified quality if the number of defective units observed in the sample is not more than the respective acceptance number of each class of defects.

12.4.3 When the sample size equals to the lot size, do 100% Quality Assurance.

12.4.4 The number of sample units to be sampled for laboratory testing should be a multiple of the number of Characteristics / tests which can not be carried out simultaneously on the same sample units.

12.5 Sampling and Formation of Lot

12.5.1 The delivery shall be visually inspected by the Quality Assurance Officer at the spot in the first instance to ascertain its homogeneity in respect of nature, size, shape, source and year of manufacture. If it is homogeneous, the delivery shall be treated as one lot. If not, it shall be segregated by the supplier into separate groups so that each group which is homogeneous within itself forms a lot.

12.6 Sampling Tables

Table I
Sampling plan for visual inspection
(Based on General Inspection Level II, AQL 2.5%)
Table I & II -A of IS:2500(Pt-D) 1992 Ind Revision

Lot Size	Sample Size (n)	Acceptance Number (Ac)
Up to 50	8	1
51 to 90	13	1
91 to 150	20	1
151 to 280	32	2
281 to 500	50	3
501 to 1200	80	5
1201 to 3200	125	7

INSPECTION

OR CONTROL

QUALITY ASSURANCE

CONTROLLER OF QUALITY ASSURANCE

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Table II

Sampling plan for Laboratory Testing AQL 2.5%
Based on Special Inspection level S-3 & S-4 of Table I & II A of
IS:2500 (Pt-I) - 1992 11nd Revision

Lot Size	Sample Size (n)		Acceptance Number (Ac)	
	S-3	S-4	S-3	S-4
Up to 50	3	5	0	0
51 to 90	5	5	0	0
91 to 150	5	8	0	1
151 to 280	8	13	1	1
281 to 500	8	13	1	1
501 to 1200	13	20	1	1
1201 to 3200	13	32	1	2

Note : i) When the sample size equals or exceeds lot size do 100 % inspection/non-destructive testing with zero acceptance number.

ii) The Rejection number (Re) will always be one more than the Acceptance number (Ac).

iii) Level S-2 for chemical tests (Individual sample to be tested).

iv) Level S-3 for physical tests (Individual sample to be tested).

Source : IS:2500(Pt-I)-1992 (2nd Rev) : (Sampling Inspection Procedures).

12.7 Test Methods

12.7.1 Physical Tests : Design, shape and dimensions.

12.7.2 Chemical Tests : Chemical analysis, thickness of plating/coating.

12.7.3 Performance Tests

12.7.4 Stretch test (for spring only) :- When elongated 100% and kept for 6 hours. There should be no deformation in spring turns. load should be 1.200 Kg to 1.500 Kg (test piece length 290 mm).

12.7.5 Each hook shall withstand the proof load of 20 Kg.

12.7.6 Stretch Test (for complete store) : Pack opening spring, Elastic (Parchute PIR-10) shall show the 80% elongation when subjected to the load between 5.4 Kg to 7 Kg in the direction as shown in drawing plate.

13.0 MARKING

13.1 Marking by the Supplier

13.1.1 The store shall be legibly and indelibly marked with :

- Manufacturer's name, initials or recognised trade mark.
- The year of manufacture.
- D. S. Catalogue number of the store.

13.2 Marking by the Quality Assurance Officer

13.2.1 Each accepted store shall be legibly and indelibly marked using stencil plate or Rubber / Steel stamp of letter size 12 mm depending upon the size of the store/component.

(6)
QUALITY CONTROL
INSPECTION
1001 1001-12
Don No. 107, KAMPUR

13.3 The final rejections may be marked by Quality Assurance Officer by stamping the letter 'X' on both sides of the manufacturer's marking thus :

1670-000331
X M----- & CU X
2002

14. PACKAGING

14.1 Packing Materials

Conforming to

- | | |
|--|---|
| (a) Boxes Rigid Collapsible Covered Type 'D' (of suitable size) | JSS:8115- 1 with Amdt. No.1 and CIGS/SS/27(e). |
| (b) Polythene Film 0.04 mm thick (Low density bag) | JSS:9330-2 with Amdt. List No.1 and CIGS/SS/313(a). |
| (c) Polypropylene Strapping (0.55 mm thick x 12 mm Width) | IND/GS/1683(a). |
| (d) Label Carton 50 mm x 25 mm | JSS:7530-1 (Aug 86) with SS No COA(GS)/SS/427. |
| (e) Label Card Board 45 x 25 mm with tie-on-tag | Bursting Strength 775 kPa. |
| (f) Fibre board boxes, corrugated fibre board boxes (of suitable size) | IS:2771 (Pt-D) 1990 (2nd rev) (Amdt-D). |
| (g) Adhesive paper tape 25 mm wide | IS:4185-1989 & SS No.CIGS/SS/185(b). |

14.2 Method of Packaging

14.2.1 Each package/shall be affixed with a label Carton 50 x 25 mm bearing, D.S. Cat.No., Nomenclature, Qty packed and year of manufacture. The label shall be coated by Varnish Clear.

Each pack opening spring elastic shall be kept in a polythene bag of 0.04 mm thick film and then ends shall be heat sealed to form an unit pack. 20 Nos of such pack shall be packed in a Box Rigid Collapsible Covered type 'D' of suitable size.

14.2.2 One item in each box rigid shall be tied with a Level Card Board 45 x 25 mm bearing DS cat No. and nomenclature of store. Each box rigid shall be sealed with gummed paper (25 mm wide) tape widthwise. QA staff shall also affix acceptance mark at the joint of adhesive tape. A suitable Nos of such box rigid shall be packed in a fibre board box of appropriate size to insure that the final weight of fibre board box does not exceed 20 Kg.

14.2.3 Each Fibre Board Box shall be lined with Liner Case Shipping Storage. Empty space in each box, shall be filled adequately by cushioning material e.g. paper cutting, straw paddy or dry grass. Store packed in the Fibre Board Box shall be blocked suitably to prevent movement and consequent breakage in transit.

14.2.4 Each final package shall be strapped / wired at two places as mentioned below :

- (i) Box Fibre Board, Rigid, Corrugated - Polypropylene Strapping.

NOTE:- (i) The Polypropylene Strappings are further sealed with a crimped metal seal or permacel seal.

OR CONTROL

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14.2.5 Mass of any CWP Box, Fibre Board shall not exceed 20 Kg. In order to maintain the limit of mass, the number of items in the package may be altered at the discretion of the QAU.

14.3 Marking on Package

14.3.1 Each final package shall be legibly and indelibly marked as under.

(a) Front and Top

- i) D.S. Cat.No. and designation of the store.
- ii) Qty packed, preceded by the abbreviation 'QTY'.

(b) Back

- i) Name and address of the consignee as given in the contract.
- ii) Mass of the package in Kilogram preceded by the abbreviation 'Kg'.
- iii) Number of the individual package and total number of packages in the consignment i.e. 1 of 4, 2 of 4, 3 of 4 and 4 of 4 when the consignment consists of 4 packages.

(c) Left end

- i) Consignor's name, initials or recognised Trade Mark.
- ii) Month and year of packing.
- iii) A/T, S/O or Extract No. and Date.
- iv) I/Note No. and Date.

15.0 TECHNICAL LITERATURE / DOCUMENTS

15.1 Illustrated spare parts list History sheet/maintenance manual shall be supplied with each store wherever required/demanded.

16.0 WARRANTY

16.1 Stores supplied against this specification shall be deemed to bear the warranty of the contractor against defective design material, workmanship and performance for a period of 12 months from the date of receipt of store at consignee end, and if during the specified period, the store supplied are found to be defective, the same shall be replaced immediately with serviceable store by the contractor at site free of any charges as may be decided by the purchasing officer, on recommendation of consignee/Quality Assurance Authority.

OR CONTROLLER

(3)

भारत सरकार, दिल्ली
 Quality Assurance Authority

1/22/2012

1/22/2012

UNSEALED DRAWING 4165105/236 (A) PLATE ATTACHED TO SPECN. NO. IND/45/1827 (A)

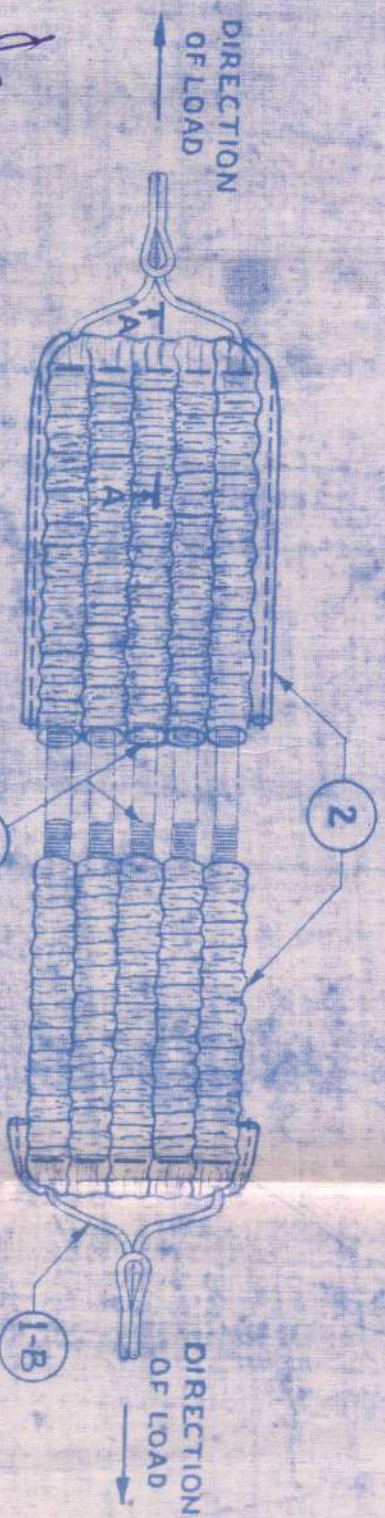
SHEET 1 OF 6

D.S. CAT. No. 1670-000331

PACK OPENING SPRING ELASTIC (PARACHUTE PTR-R)

(SPRING ELASTIC, LONG)
(SPRING ELASTIC, SHORT)

ASSEMBLY



SECTION AA
2:1

HAND STITCHED WITH MTL. TO KEEP SPRINGS IN POSITION



DETAIL INDEX

DETAIL No	SHEET No	NOMENCLATURE	No. OFF
-	1	INDEX, ASSEMBLY	-
1	2	SPRING AND HOOKS (SUB ASSEMBLY)	1
1-A	3	SPRING	5
1-B	4	HOOK	2
2	5	SLEEVE	1
-	6	LIST OF MATERIALS / COMPONENTS & PACKING CLAUSE	-

NOTE:
STITCHING TO BE DONE BY HAND
CONTROLLED BY QUALITY ASSURANCE
TABLE 3041-12, 110
Form No. 457, 110

SCALE-1:1, 2:1



TCD FROM PROV. DRG. No. ADRDE/781

S.O.A (03) KANPUR
COMP. PSD. S.O. APD. G.O.

FILED DRG. No. 165/US/236 (a) PLATE ATTACHED TO SPECN. No. IND/GS/1827 (a)

SHEET 2 OF 6

PACK OPENING SPRING ELASTIC (PARACHUTE PTR-R)

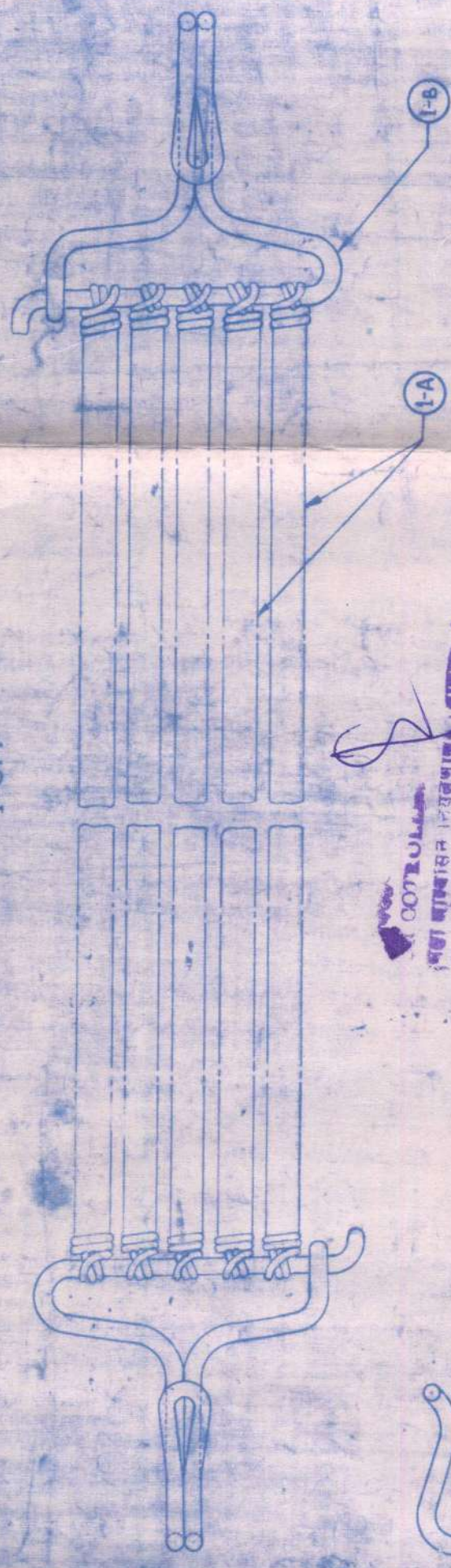
(SPRING ELASTIC, LONG)
(SPRING ELASTIC, SHORT)

CAT. No. 1670-000 331

1

SPRINGS AND HOOKS
(SUB. ASSEMBLY) COMP 'e'

1-OFF



ENDS OF HOOKS TO BE CLOSED AFTER ASSEMBLY WITH SLEEVE DETAIL-2

CONTROL
प्रति निरीक्षण प्रमाणिका, कानपुर
उद्योग विभाग, गुणवत्ता आश्वासन विभाग
1641 841-12, 14, 16
कानपुर 208 002

WORKMANSHIP :- ENDS SHOULD BE SMOOTHLY ROUNDED

SCALE: 2:1	C.O.A. (Cos) KANPUR	
TCD. FROM PROV. DRG. No. ADRDE/781	COMP प्रमाणित	PSD APD
<i>Ed. Durrant</i>	16/5/76	6.0.

ATTACHED TO SPECN. No. IND/ 05/1027 (a)

SHEET 3 OF 6

PACK OPENING SPRING ELASTIC (PARACHUTE PTR-R)

(SPRING ELASTIC, LONG)
(SPRING ELASTIC, SHORT)

CAT No. 1670-000331

SPRING

IA

SI (E5-SM-C)
0.46 ± 0.1 mm φ

φ mm
2.96 - 3.14



QUALITY ASSURANCE
INSPECTION
DEPARTMENT
INDIAN AIR FORCE
CANTONMENT
KANPUR

TABLE OF DIMENSIONS

SIZE	A	No OFF
SPRING ELASTIC, LONG	430	5
SPRING ELASTIC, SHORT	290	5

NOTE :-

MINIMUM ONE ASSEMBLY (ALL 5 SPRINGS SEPARATELY)
OUT OF HUNDRED ASSEMBLIES BE TESTED.

C.O.A. (G.S)
KANPUR.

SCALE :- 1:5 DIMENSIONS IN MILLIMETRES

TRACED FROM DRG. No. ADRDE/781 COMP.

PSD. APD.

29/11/54

AS.D.

MATERIAL :-

HIGH DUTY UNDERGROUND STEEL SPRING WIRE,
SPECN. No. B.S. 1408 - C

FINISH :-

CADMIUM PLATED TO MINIMUM THICKNESS OF 0.012 MM
AND CHROMATE PASSIVATED AS PER SPECN. IS: 1572 - 1968,
CD - J2

STRETCH TEST :-

WHEN ELONGATED 100% AND KEPT FOR 6 - HOURS.
THERE SHOULD BE NO DEFORMATION IN SPRING TURNS.
LOAD SHOULD BE 1200 KG. TO 1500 KG.
(TEST PIECE LENGTH 290 - MM)

TOLERANCES :- ± 0.02 mm

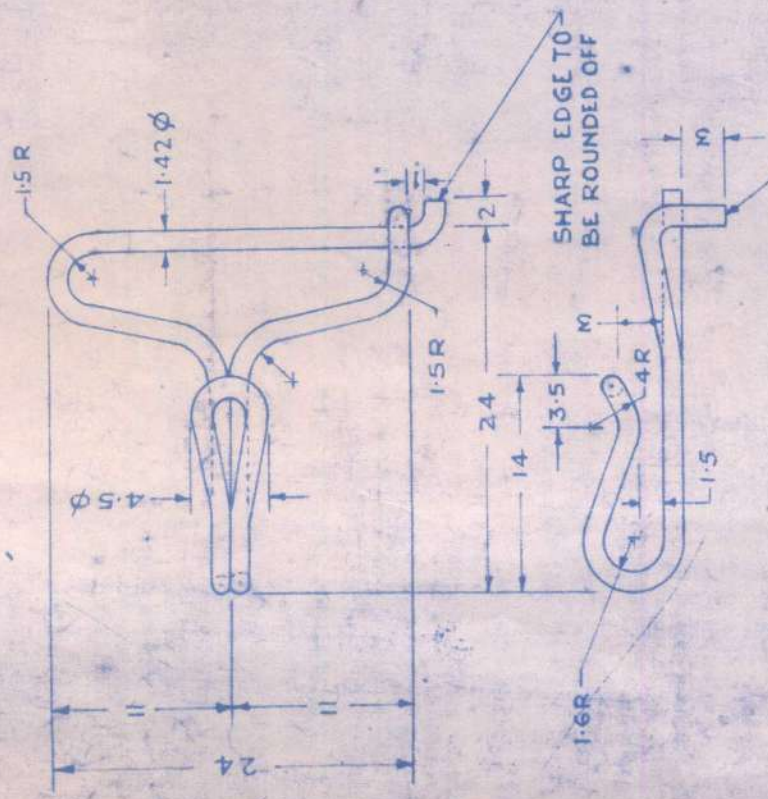
PLATE ATTACHED TO SPECN. NO. IND/43/1627(G)

PACK OPENING SPRING ELASTIC (PARACHUTE PTR-R) (SPRING ELASTIC, LONG) (SPRING ELASTIC, SHORT)

S. CAT. NO. 1670-000331

(I-B)

HOOK
2 OFF



THIS END TO BE CLOSED AFTER ASSEMBLING
SPRINGS IN POSITION

MATERIAL:-

HIGH DUTY UNGROUND STEEL SPRING WIRE
SPECN. No. BS: 1408-C

FINISH:-

CADMIUM PLATED TO A MINIMUM THICKNESS
OF 0.012 MM. AND CHROMATE PASSIVATED
AS PER SPECN. No. IS: 1572-1968, Cd-12

PROOF LOAD:-

20-kg

TOLERANCES:-

± 0.025 MM.

INSPECTION
ACCEPTED
DATE: 12/12/76
BY: [Signature]

DIMENSIONS IN MILLIMETRES

TRACED FROM DRG. No. ADRDE/781/COMP

PSD: [Signature]
APD: [Signature]

C.O. A. (GS)
KANPUR.

परीक्षण प्रयोगशाला
पत्रिका क्र. १०१५
१९६१

SHEET 5 OF

PACK OPENING SPRING ELASTIC (PARACHUTE PTR-R)

UNSTATED DRG. No. 6165/US/236 (a) D.S. CAT. No. 1670-000331 (a)

IDENTIFICATION LABEL OF MATERIAL 'C'
(SIZE 60 X 25-MM) MARKED WITH
NOMENCLATURE OF THE STORE, CAT. No.,
MANUFACTURER'S NAME OR RECOGNISED
TRADE MARK, MONTH AND YEAR OF THE
MANUFACTURE AND INSPECTOR'S STAMP
WITH INK MATERIAL 'd'.

PIERCE 10-HOLES OF 3-MM Ø, HOLES
IN UPPER LAYER OF MATERIAL 'a' TO
PASS SPRINGS (DETAIL-1A) AND ENDS
OF THE HOLES TO BE HEAT SEALED.

SLEEVE

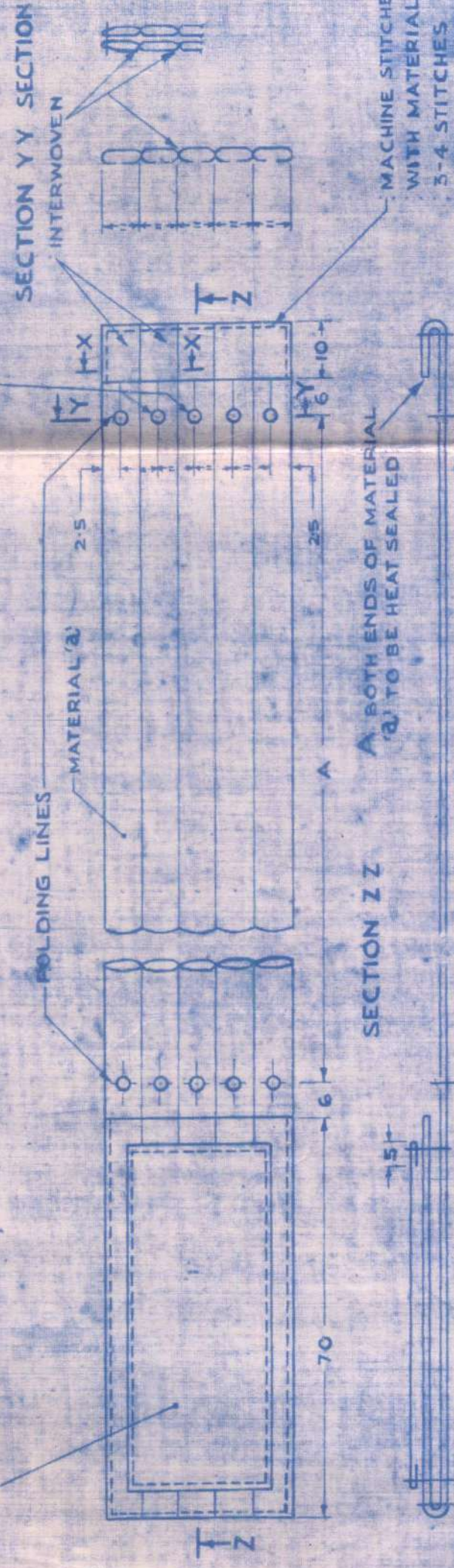


TABLE OF DIMENSIONS

SIZE	A	No. OFF
SPRING ELASTIC, LONG	860	1
SPRING ELASTIC, SHORT	580	1

PARTICULARS-SHEATH NYLON FIVE CHANNELS

TOTAL WIDTH	36 ± 1 mm
THICKNESS	0.73 ± 0.02 mm UNDER 200-Ø / CM ² PAKES
WIDTH OF EACH CHANNEL	7 ± 0 mm
TOTAL No. OF ENDS	199
PICKS PER CM	18 / 19
DENIER OF YARN WARP	210 / 2
DENIER OF YARN WEFT	210 / 2
WEIGHT	11-13 g / METRE
WEAVE	TUBULAR PLAIN INTERWOVEN AT FOUR PLACES TO MAKE FIVE CHANNELS

L. Q. A. CAS
KANPUR.

SCALE-III DIMENSIONS IN MILLIMETRES

TRACED FROM DRG. No. ADRDE/781

COMP. PSD.
APD.



PACK OPENING SPRING ELASTIC (PARACHUTE PTR-R) (SPRING ELASTIC, LONG) (SPRING ELASTIC, SHORT)

D. S. C. AT. No. 1670-000331

PACKING: - EACH PACK OPENING SPRING ELASTIC SHALL BE KEPT IN A POLYETHYLENE SLEEVE OF APPROVED QUALITY AND ENDS HEAT SEALED+100 SUCH PACKED ELASTICS OF ONE SIZE SHALL BE KEPT IN CARDBOARD CARTON OF SUITABLE SIZE AND OF APPROVED QUALITY PROPERLY PACKED AND SEALED BEFORE DESPATCH, EACH CARTON SHALL BE LEGIBLY AND INDELIBLY MARKED WITH THE FOLLOWING DETAILS:-

- (I) NOMENCLATURE AND CAT No. OF THE STORE
- (II) QUANTITY PACKED IN EACH CARTON
- (III) SERIAL No. AND TOTAL No. OF CARTONS IN A CONSIGNMENT.
- (IV) YEAR OF MANUFACTURE OF STORE.
- (V) GROSS WEIGHT OF CARTON IN Kg.
- (VI) NAME AND ADDRESS OF THE CONSIGNEE AND CONSIGNOR
- (VII) INSPECTION NOTE No. AND DATE.

STRETCH TEST:-

LOAD REQUIRED FOR 80% ELONGATION SHOULD BE 7-9 kg. 5.4-7 Kg.

WORKING TOLERANCES ON DIMENSIONS EXCEPT WHERE OTHER WISE SPECIFIED

LESS THAN	50-mm	= ± 2-mm
51-mm UP TO	250-mm	= ± 3-mm
251-mm UP TO	750-mm	= ± 6-mm
751-mm UP TO	1520-mm	= ± 10-mm

LIST OF MATERIALS/COMPONENTS

S.No.	NOMENCLATURE	No. OFF COMP.	DETAIL REF.	SPECN./DRG. No.
a.	SHEATH NYLON FIVE CHANNEL 06	-	2	AS PER PARTICULARS IN DRAWING
b.	THREAD SEWING NYLON, HEAVY, O.G.	-	ASSY, 2	16-4229-1967 A229: 1999 (2nd year) AS PER SAME
c.	IDENTIFICATION LABEL	-	?	APPROVED D46 SAMPLE MARK
d.	INK. CLOTH MARKING (BLACK) INK-MARKING-TEXTILE-BLACK	-	2	USDA: 198501 IND/SL-SERIES MD-COA (45) 15
e.	SPRINGS AND HOOKS (SUB-ASSEMBLY)	1	1	AS PER DRG. RETAIL 15715 (25) (15)

NOTE: - SPECN./DRG. No. MENTIONED IN THE LIST OF MATERIALS UNDER THE COLUMN SPECN./DRG. No. SHALL BE TAKEN AS A REFERENCE TO THE LATEST ISSUE OF THAT SPECN./DRG. No.

	BASED ON PROV. DRG. No. ADRDE/78	COMP. <i>20/05/78</i>	PSD. <i>20/05/78</i>	APD. <i>20/05/78</i>
	G.O.	C. A. A. CAS KAMPUR	G.O.	G.O.