

KENYA STANDARD

**DKS 559-
1:2021**

ICS 59.080

Fourth Edition

→ **Men's and boys' trousers — Specification**



**Kenya Bureau of
Standards**

Standards for Quality life

TECHNICAL COMMITTEE REPRESENTATION

The following organizations were represented on the Technical Committee:

Moi university –Department of Industrial and Textile Engineering
National Industrial Training Authority (NITA)
Ministry of Industrialization and Trade
Alpha Knits Ltd
Technical University of Kenya(TUK)
Ministry of Health
Vidyesh H&F Group Ltd
COTECNA Inspection Kenya
Spinknit Ltd Nakuru
Kantoor Brands Inc Ltd
Kenya Bureau of Standards — Secretariat

REVISION OF KENYA STANDARDS

In order to keep abreast of progress in industry, Kenya Standards shall be regularly reviewed. Suggestions for improvements to published standards, addressed to the Managing Director, Kenya Bureau of Standards, are welcome.

© Kenya Bureau of Standards, [2021]

Copyright. Users are reminded that by virtue of Section 25 of the Copyright Act, Cap. 130 of 2001 of the Laws of Kenya, copyright subsists in all Kenya Standards and except as provided under Section 25 of this Act, no Kenya Standard produced by Kenya Bureau of Standards may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from the Managing Director.

KENYA STANDARD

**DKS 559-
1:2021**

ICS 59.080

Fourth Edition

Men's and boys' trousers — Specification

Part 1:

Making up requirements

Kenya Bureau of Standards, Popo Road, Off Mombasa Road,
P.O. Box 54974 - 00200, Nairobi, Kenya



+254 020 6948000, + 254 722202137, + 254 734600471



info@kebs.org



@KEBS_ke



Kenya bureau of standards (kebs)

Foreword

Foreword

This Kenya Standard was prepared by the Technical Committee on Ready Made Garments under the guidance of the Standards Projects Committee, and it is in accordance with the procedures of Kenya Bureau of Standards

This standard was formulated with a view to help manufacturers in producing goods of satisfactory quality. Manufacturers and others concerned are urged to label the men's and boys' trousers in accordance with KS 412, Specification for size designation for men's and boys' ready-to-wear clothing and KS ISO 3758, Textiles — Care labelling code using symbols.

This fourth edition cancels and replaces third edition of KS 559-1:2019 which has been technically revised.

During the preparation of this standard, reference was made to the following document:

IS 7414, Specification for men's trousers' — General requirements.

Acknowledgement is hereby made for the assistance received from this source.

KS 559-1

1. Scope

This Kenya Standard specifies requirements for Men's and boy's trousers.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

KS 412, *Specification for size designation for men's and boys' ready to wear clothing*

KS 520, *Specification for woven fabrics used for suits, jackets and trousers*

KS 585, *Specification for zippers*

KS 665, *Specification for textile labels*

KS 697-1, *Code of practice for grading of textile materials Part 1: Fabrics*

KS 2234, *Denim fabrics — Specification*

KS ISO 3758, *Textiles — Care labelling code using symbols*

KS EAS 223:2001 *Zippers - Specification.*

KS 398 *Specification for thermosetting plastic button*

KS ISO 8559-1:2017 *Size designation of Clothes-Part 1: Anthropometric definitions for body measurement*

KS ISO 8559-2:2017 *Size designation of Clothes-Part 2: Primary and secondary dimension indicators.*

3 Terms and Definitions

For the purposes of this document, the terms and definitions given in KS 8559 part 1 and 2 shall apply

4 Requirements

4.1 Size designation

The size of the men trousers shall be designated by waist girth and height for the boys' trousers

Note: height – The measurement from the crotch to the bottom hem.

4.2 Fabric materials

4.2.1 The fabrics for the manufacture of trousers shall comply with the requirements of KS 520 and KS 2234.

4.2.2 The pocket lining material shall conform to KS 214-2

4.2.3 Raw edges of pockets shall be properly secured to prevent fraying.

4.3 Waistband

4.3.1 The waistband shall be made of double thickness of body material or the body material on the outside and belting material.

4.3.2 A shirt gripper may be attached to the centre of the facing of the waistband.

4.3.3 The left front of the waistband shall extend for 6 cm beyond the centre front seamline. The waistband may be fastened by a button or hook and bar.

4.4 Fly and button stand

4.4.1 The button catch and stand shall be lined with either body material or lining of tightly woven cotton poplin or blend fabric.

4.4.2 The button end or the fly shall be either bartacked or tacked with 3 rows of machine stitching. Four

buttons/buttonholes shall be provided in the fly in addition to those provided in the waistband for men's trousers and three button/buttonholes for boys' trousers. As an alternative to buttons, zippers and snaps may be used.

4.5 Hems

4.5.1 The bottoms of the regular trousers may be hemmed.

4.5.2 The hem shall be sewn in place with a slip-stitch or hemming stitch for turned under or seam binding finishes and a blind stitch for overcast finishes.

4.5.2 The completed hem shall be inconspicuous from the outside and the raw edges finished securely without bulk.

4.6 Securing belt loops

If the trousers are provided with belt loops, the ends of loops shall be reinforced with three rows of stitches or securely stitched.

4.7 Buttons

The buttons shall be of good quality and comply with KS 398 for buttons.

4.8 Seams and stitches

The trousers shall be assembled with stitches regulated at not less than 4 stitches per cm.

4.9 Seam width

All seams shall be not less than 1 cm.

4.10 Stitch finishing and quality

All stitches used shall be present a good finish free from defects.

4.11 Outlet allowance

An outlet allowance of 4 cm in addition to the seam allowance shall be provided at the back seat seam near the waistline.

4.12 Trouser defects

4.12.1 The trousers shall be free from the following fabrication defects:

- a) Stains.
- b) Defective stitching.
- c) Loose ends of sewing thread getting easily frayed.
- d) Hole, cut or tear.
- e) None-alignment of pockets, buttons and buttonholes.
- f) Any other defect which would significantly mar the appearance or affect the serviceability of the garment.

KS 559-1: 2021

4.13 Eyelets and hooks

Eyelets and hooks shall be rust-proof.

4.14 Zippers

Zippers shall comply with the requirements of KS EAS 223

5 Marking and labelling

5.1 Each garment shall bear a permanent label complying with KS 665 including the following information:

- a) The manufacturer's name or identification mark
- b) Care labelling in accordance with KS ISO 3758
- c) The size to be designated by waist girth and addition of height in case of boys' trousers. The size designation may be put on a detachable hang tag
- d) Fibre composition of the fabric
- e) Country of manufacture.

6.2 The permanent label or hang tag shall be positioned as to be easily readable.

6 Packaging

Each pair of trousers shall be packaged in such a way so as to avoid soiling in storage as well as transit.