

DRAFT UGANDA STANDARD

Second Edition
2021

Footwear — Determination of spigot holding strength of ladies' plastics moulded heel top-pieces



Reference number
DUS 587: 2021

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Foreword

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Draft Uganda Standards adopted by the Technical Committee are widely circulated to stakeholders and the general public for comments. The committee reviews the comments before recommending the draft standards for approval and declaration as Uganda Standards by the National Standards Council.

The committee responsible for this document is Technical Committee UNBS/TC 7, Textiles, Leather, Paper and related products, Subcommittee SC 2, Leather and related products.

This second edition cancels and replaces the first edition (US 587:2007), which has been revised:

The document has been put in the new template for standard development as per the ISO/IEC Directives, Part 2:2019

Footwear — Determination of spigot holding strength of ladies' plastics moulded heel top-pieces

1 Scope

This draft Uganda Standard specifies a method of determining the spigot holding strength of ladies' plastics moulded heel top-pieces.

2 Normative References

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <http://www.iso.org/obp>

No terms and definitions are listed in this document.

4 Apparatus

4.1 Tensile-strength testing machine, fitted with vice grips, and set to move at a uniform rate of traverse of 100 mm/min.

4.2 High tensile steel wire of nominal diameter 0.9 mm and nominal length 300 mm.

4.3 Drill of diameter, 1.0 mm

5 Preparation of test specimens

Take five heel top-pieces from the batch to be tested. Drill a hole in each front corner of each top-piece taking care to avoid the spigot head (see Figure 1). So thread the wire through the holes such that a loop is formed on the bottom side of the top-piece (see Figure 2).

6 Procedure

Clamp the spigot shaft in the bottom grip of the tensile-strength testing machine and clamp the ends of the wire in the top grip. Set the machine in motion and record the maximum force required to pull the spigot head free from the top-piece.

7 Evaluation

Calculate the mean of the results from the five test specimens and report this as the spigot holding strength.

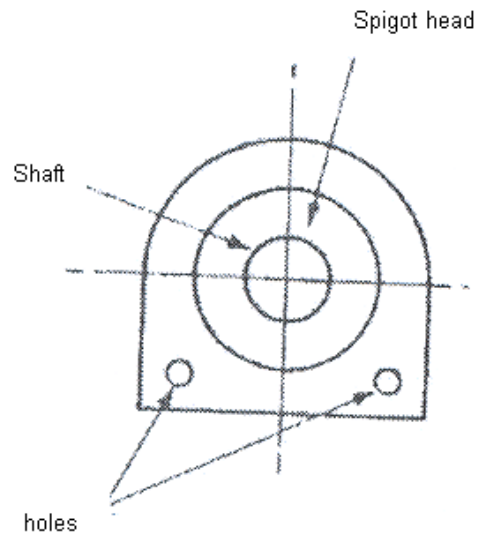


Figure 1 — Position of holes in top-piece

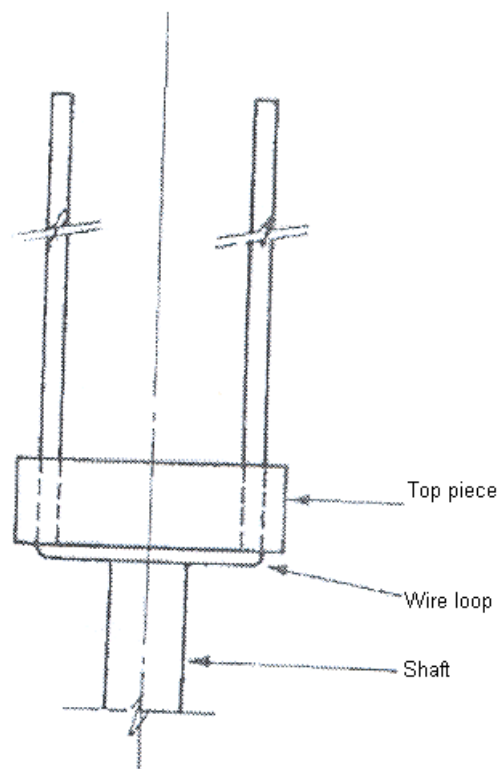


Figure 2 — Wire threaded in top-piece

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Bibliography

US 587:2007, Determination of *spigot holding strength of ladies' plastics moulded heel top-pieces*

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