

Specification for

Safety pins for general use

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Textiles and Clothing Standards Policy Committee (TCM/-) to Technical Committee TCM/8, upon which the following bodies were represented:

- Association of Button Merchants
- British Association of Clothing Machinery Manufacturers
- British Button Manufacturers' Association
- British Clothing Industry Association
- British Footwear Manufacturers' Federation
- British Narrow Fabrics Association
- Camping and Outdoor Leisure Association
- Federation of Crafts and Commerce
- Made-up Textiles Association
- Mail Order Traders' Association
- National Building and Allied Hardware Manufacturers' Federation
- SATRA Footwear Technology Centre
- Zip Fastener Manufacturers' Association

The following body was also represented in the drafting of the standard, through subcommittees and panels:

Consumer Policy Committee of BSI

This British Standard, having been prepared under the direction of the Textiles and Clothing Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 July 1993

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The following BSI references relate to the work on this standard:
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Foreword

This British Standard has been prepared under the direction of the Textiles and Clothing Standards Policy Committee, following requests from the manufacturing industry for a reference standard.

Its object is to specify requirements for quality and reliability for safety pins for general use, by means of strength and mechanical performance, with a view to giving the user reasonable assurance that safety pins conforming to this standard will satisfactorily fulfil their purpose.

Annex A to Annex D give methods of test for verifying the requirements.

Assessed capability. Users of this British Standard are advised to consider the desirability of quality system assessment and registration against the appropriate Part of BS 5750 by a third party certification body.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This British Standard specifies dimensions, material, performance and marking requirements for safety pins for general use made from steel, stainless steel and brass. It does not cover safety pins for specialist applications, e.g. the aerospace industry, or nappy pins.

2 References

2.1 Normative references

This British Standard incorporates, by reference, provisions from specific editions of other publications. These normative references are cited at the appropriate points in the text and the publications are listed on the inside back cover. Subsequent amendments to, or revisions of, any of these publications apply to this British Standard only when incorporated in it by updating or revision.

2.2 Informative references

This British Standard refers to other publications that provide information or guidance. Editions of these publications current at the time of issue of this standard are listed on the inside back cover, but reference should be made to the latest editions.

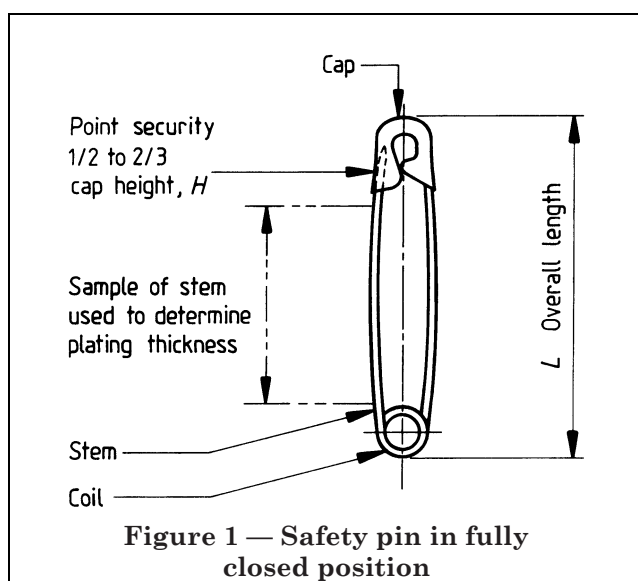
3 Definitions

For the purposes of this British Standard the following definitions apply.

3.1

safety pin

a fastening device consisting of a pointed stem which is held captive by a cap, from which the stem is released to open the device (see Figure 1)



3.2

stem

the complete wireform from which the safety pin is made (see Figure 1)

3.3

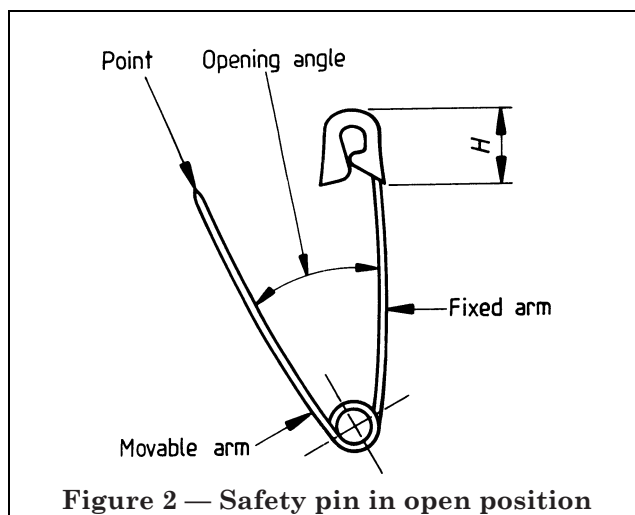
cap

that part which retains the moveable arm in the closed position (see Figure 1)

3.4

movable arm

the pointed arm of the stem which is retained by the cap in the closed position (see Figure 2)



3.5

fixed arm

that part of the stem lying between the coil and the cap to which it is fixed (see Figure 2)

3.6

coil

the sprung end of the safety pin (see Figure 1)

3.7

overall length

the maximum length of the complete device when closed (see Figure 1)

3.8

opening angle

the angle between the projections of the two arms of the stem when released (see Figure 2)

3.9

point

the free pointed end of the stem (see Figure 2)