

CONFIRMED
DECEMBER 2007

Protective equipment for cricketers —

**Part 3: Leg protectors for batsmen,
wicket keepers and fielders, and thigh,
arm and chest protectors for batsmen**

ICS 13.340.10; 97.220.40

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The preparation of this British Standard was entrusted by Technical Committee PH/3, Protective clothing, to Subcommittee PH/3/11, Protective equipment for sports players, upon which the following bodies were represented:

- British Association of Field Hockey Equipment Manufacturers
- British Equestrian Trade Association
- British Horse Society
- British Rubber Manufacturers Association
- British Sports and Allied Industries Federation
- British Toy and Hobby Association
- BSI Testing Services
- Consumer Policy Committee of BSI
- England and Wales Cricket Board
- Football Association
- Jockey Club
- Royal College of Surgeons of England
- Rugby Football Union
- SATRA Technology Centre
- Staffordshire University
- The Hockey Association

This British Standard, having been prepared under the direction of the Health and Environment Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 May 2000

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The following BSI references relate to the work on this standard:
Committee reference PH/3/11
Draft for comment 97/543936 DC

Announced in *BSI Update*
January 1998

ISBN 0 580 33157 1

Amendments issued since publication

Amd. No.	Date	Comments

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Foreword

This part of BS 6183 has been prepared by Technical Subcommittee PH/311. It partially supersedes BS 6183-1:1981, which is withdrawn.

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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 18, an inside back cover and a back cover.

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Introduction

Protective equipment is worn by cricketers to reduce the severity of injuries from accidental impact by cricket balls. Batsmen are particularly exposed to balls coming off the pitch at unexpected angles. The level of protection required depends on the skill and strength of the player and the opposing team.

This British Standard is divided into five parts as follows:

- *Part 1: General requirements;*
- *Part 2: Genital protectors;*
- *Part 3: Leg protectors for batsmen, wicket keepers and fielders; thigh, arm and chest protectors;*
- *Part 4: Gloves for batsmen;*
- *Part 5: Gloves for wicket keepers.*

1 Scope

This part of this British Standard gives requirements and test methods for leg protectors for batsmen, wicket keepers and fielders, and for forearm protectors, forearm and elbow protectors, thigh protectors, and chest protectors for batsmen.

2 Normative references

The following normative documents contain provisions that, through reference in this text, constitute provisions of this British Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. For undated references, the latest edition of the publication referred to applies.

BS 6183-1, *Protective equipment for cricketers — Part 1: General requirements.*

3 Definitions

For the purposes of this British Standard, the definitions given in BS 6183-1 apply.

4 Specific requirements

NOTE General requirements for protective equipment for cricketers are given in BS 6183-1.

4.1 Minimum dimensions of zones of protection

4.1.1 General

Protective equipment shall have a zone or zones of protection, related in dimensions to the size of the player. The positions and dimensions of the zones of protection, relative to the coverage provided by the entire protective equipment, shall be stated in the information supplied by the manufacturer (see BS 6183-1).

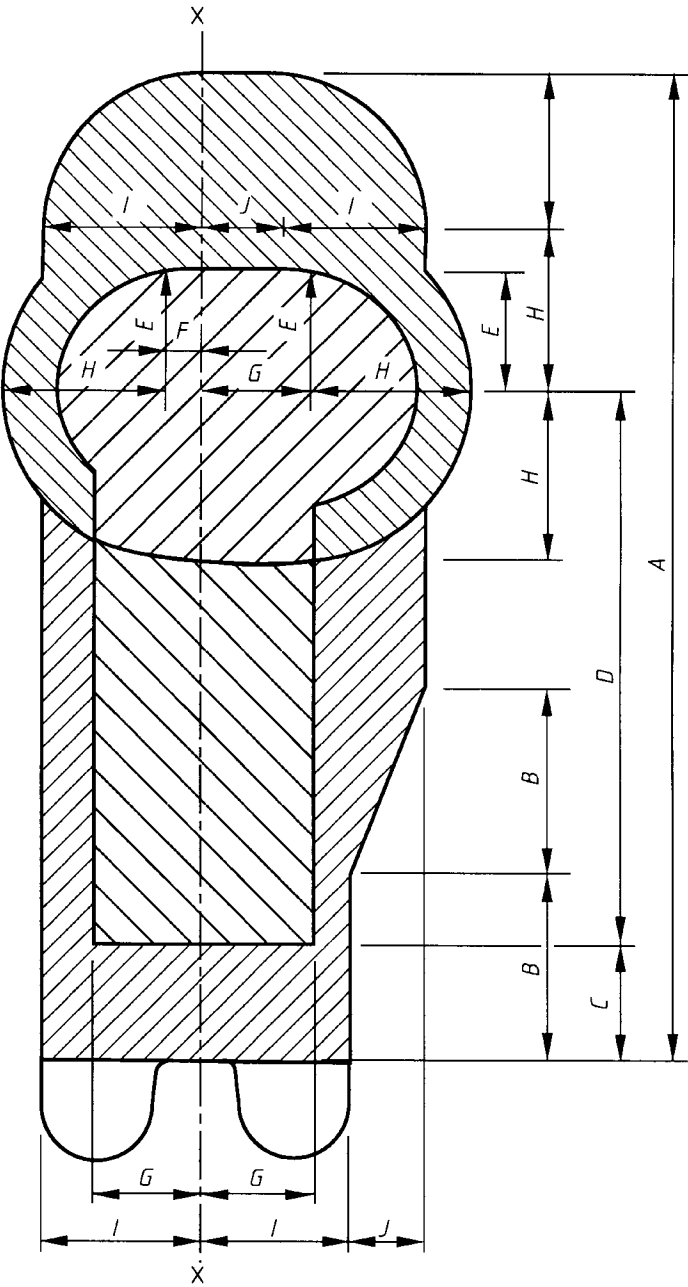
NOTE 1 Methods for determining the effective dimensions of zones of protection are specified in clause 5. The specified dimensions for the zones of protection are minimum areas for higher levels of protection and are not intended to restrict these levels of protection to the specified areas.

NOTE 2 Areas outside zones 1 and 2 are not covered by impact or dimensional requirements and can be designated zone 0.

4.1.2 Leg protectors for batsmen

Leg protectors for batsmen shall cover and protect the anterior, medial and lateral portions of the lower leg and knee.

Leg protectors shall be of asymmetrical design, with greater protection to the medial portion of the rear leg and lateral portion of the forward leg, or of symmetrical design with equal medial and lateral protection. Asymmetrical leg protectors shall be marked “left” or “right” for left or right handed batsmen, as appropriate. Leg protectors wholly constructed with separate blocks of padding shall have no gap between the blocks exceeding 20 mm when the protector is strapped to the leg. The part of the protector from the lower edge of the shin downwards shall be zone 0. Minimum dimensions of the zones of protection shall conform to Table 1 and Figure 1. Symmetrical leg protectors shall have the same dimensions on both sides of the centreline, which shall conform to those for the left side of pads for right handed batsmen.



- Key**
0) zone 0
1K) zone 1, knee outer area
1S) zone 1, shin outer area
2K) zone 2, knee inner area
2S) zone 2, shin inner area
X-X) centreline

Figure 1 — Zones of protection on leg protector for right handed batsmen

Table 1 — Minimum dimensions of zones of protection for leg protectors for batsmen

Size	Dimension ^a									
	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm
1	442	78	50	248	50	13	50	74	71	35
2	502	88	56	281	56	15	56	84	81	40
3	561	99	63	315	63	17	63	94	90	44
4	591	104	66	331	66	18	66	98	95	47
5	620	109	70	348	70	19	70	103	100	49
6	680	119	76	381	76	21	76	113	109	54
^a See Figure 1.										
NOTE Dimensions A to J are calculated as (33.0, 5.8, 3.7, 18.5, 3.7, 1.0, 3.7, 5.5, 5.3, and 2.6) % of the player's stature (height), respectively.										

4.1.3 Leg protectors for wicket keepers

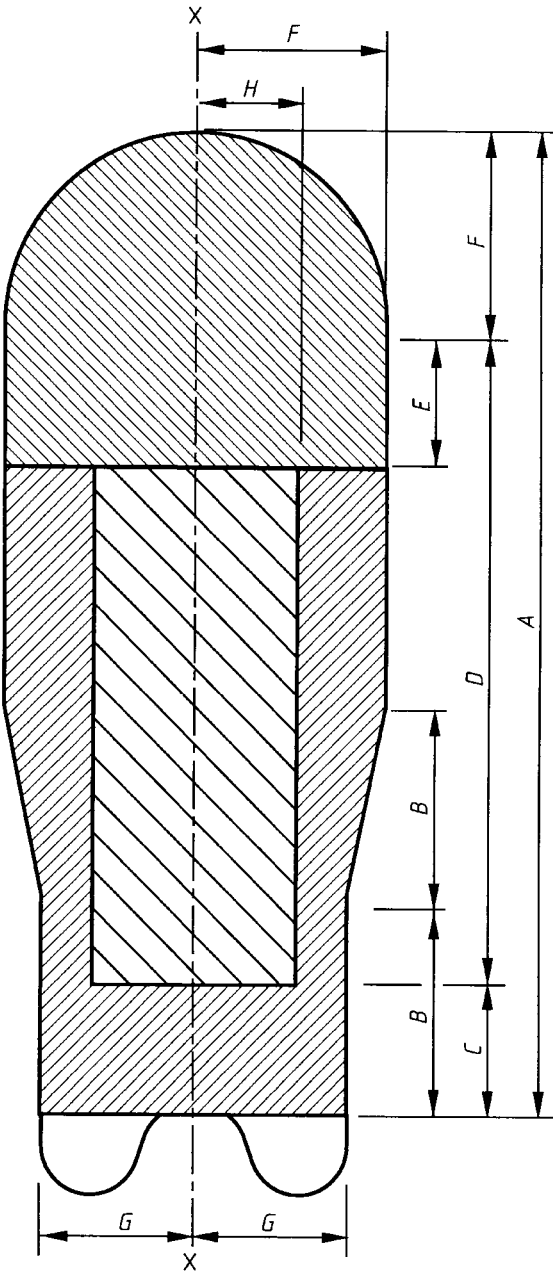
Leg protectors for wicket keepers shall protect the anterior portion of the lower leg and knee. Leg protectors shall be of asymmetrical or symmetrical design.

NOTE Leg protectors for wicket keepers form left and right "mirror images".

Leg protectors wholly constructed with separate blocks of padding shall have no gap between the blocks exceeding 20 mm when the protector is strapped to the leg. The part of the protector from the lower edge of the shin downwards shall be zone 0. Minimum dimensions of the zones of protection shall conform to Table 2 and Figure 2.

Table 2 — Dimensions of zones of protection for leg protectors for wicket keepers

Size	Dimension ^a							
	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
1	348	78	50	222	50	78	60	39
2	395	88	56	252	56	88	68	44
3	442	99	63	282	63	99	77	49
4	465	104	66	297	66	104	81	52
5	489	109	70	312	70	109	85	55
6	536	119	76	342	76	119	93	60
^a See Figure 2.								
NOTE Dimensions A to H are calculated as (26.0, 5.8, 3.7, 16.6, 3.7, 5.8, 4.5, and 2.9) % of the player's stature (height), respectively.								



- Key**
- 0) zone 0
 - 1K) zone 1, knee area
 - 1S) zone 1, shin outer area
 - 2S) zone 2, shin inner area
 - X-X) centreline

Figure 2 — Zones of protection on leg protector for wicket keepers