

# Vehicle parking control equipment

## Part 7. Specification for parking discs

ICS 93.080.30

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee B/509, Road equipment, to Subcommittee B/509/20, Vehicle parking control equipment, upon which the following bodies were represented:

Association of Chief Police Officers of England and Wales  
Association of District Councils  
Association of London Authorities  
Association of Metropolitan Authorities  
British Parking Association  
Department of Transport (Highways Agency)  
Institution of Civil Engineers  
Institution of Highways and Transportation  
Parking Committee for London  
Royal Automobile Club  
Co-opted members

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## Amendments issued since publication

Amd. No.	Date	Text affected

The following BSI references relate to the work on this standard:  
Committee reference B/509/20  
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## Foreword

This Part of BS 6571 has been prepared by Subcommittee B/509/20. It is a new Part of BS 6571. It supersedes BS 4631, which is withdrawn.

Other Parts of BS 6571 are as follows:

Part 1. *Specification for coin operated clockwork parking meters*

Part 2. *Specification for electrically powered parking meters*

Part 3. *Specification for pay and display equipment*

Part 4. *Specification for barrier type parking control equipment*

Part 5. *Guide to the requirements for non-coin operated apparatus for use with parking control equipment*

Part 6. *Specification for pay-on-foot parking control equipment*

Part 8. *Specification for pre-purchased parking vouchers*

Further Parts are under consideration, in particular:

Part 9. *Specification for in-car electronic devices*

Part 10. *Code of practice for ancillary parking equipment and parking signs*

Whilst it is not within the scope of this standard, attention is drawn to the guidance of the Design Council on the aesthetic qualities of street furniture.

*Product certification.* Users of this British Standard are advised to consider the desirability of third party certification of product conformity with this British Standard, based on testing and continuing product surveillance which may be coupled with assessment of a supplier's quality systems against the appropriate Part of BS EN ISO 9000, *Quality management and quality assurance standards*.

Enquiries as to the availability of third party certification schemes are forwarded by BSI to the Association of British Certification Bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

**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 10, an inside back cover and a back cover.

# Specification

## 1 Scope

**1.1** This British Standard specifies the requirements for the design, physical dimensions, quality of materials and functional performance of:

- a) parking discs to control time limited parking without payment (Type A discs);
- b) parking discs to control time limited vehicle loading/unloading (Type B discs);
- c) parking discs to control time limited parking in association with a permit issued to a vehicle (Type C discs);
- d) parking discs for use in connection with exemptions for disabled persons from certain requirements of parking or traffic regulation orders (Type D discs).

**1.2** It does not specify the conditions of use of any type of parking disc. For conditions of use, reference should be made to the relevant Statutory Regulations and/or Traffic Regulation Orders or Parking Orders made under the Road Traffic Regulation Act 1984 and/or any related or subsequent amending legislation.

## 2 References

### 2.1 Normative references

This Part of BS 6571 incorporates, by dated or undated reference, provisions from other publications. These normative references are made at the appropriate places in the text and the cited publications are listed on the inside back cover. For dated references, only the edition cited applies; any subsequent amendments to or revisions of the cited publication apply to this Part of BS 6571 only when incorporated in the reference by amendment or revision. For undated references, the latest edition of the cited publication applies, together with any amendments.

### 2.2 Informative references

This Part of BS 6571 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 Dimensions

Parking discs and indicating wheels shall be designed and manufactured in accordance with the dimensions set out in figures 1, 2, 3 and 4.

## 4 Materials

**4.1** The cover shall be folding box board of thickness 0.5 mm to 1.0 mm or other material of equivalent mechanical strength.

**4.2** The indicating wheel shall be folding box board of thickness 0.5 mm to 1.0 mm or other material of equivalent mechanical strength.

**4.3** A clear print varnish shall be applied to the outside surface of the cover and to the front and rear faces of the indicating wheel if constructed of folding box board. Where other materials are used, a comparable surface finish shall be provided.

**4.4** The device securing the indicating wheel inside the cover shall be a brass rivet or a similar fixing of equivalent mechanical strength.

**4.5** Inks used for the colouring and printing of the disc cover and the indicating wheel shall conform with at least light fastness standard 6 of BS 4321 using test method 2 or test method 2A.

NOTE. It is recommended that an ink of comparable colour fastness is used to endorse parking discs.

## 5 Assembly

After assembly of the cover, indicating wheel and pivot rivet, the outer corners of the open edges of the cover shall be glued or fixed together to prevent the cover opening outwards. The indicating wheel shall then be capable of being rotated freely.

## 6 Design, printing and colours

### 6.1 Type A discs

The cover shall be of the dimensions and outline design shown in figure 1, and of the detailed design shown in figure 5. The indicating wheel shall be of the design shown in figure 3, and shall have black characters and indications printed on a white background.

NOTE. The lower portions of the front and rear faces of the cover to the disc may be used for advertising road safety or similar advice, to specify any local conditions of use, to provide a map showing disc parking places and/or to identify the issuing authority.

### 6.2 Type B discs

The cover shall be of the dimensions and outline design shown in figure 1, and of the detailed design shown in figure 6. The indicating wheel shall be of the design shown in figure 3. The indicating wheel shall have black characters and indications printed on either a white background or a background of the same colour as the cover.

### 6.3 Type C discs

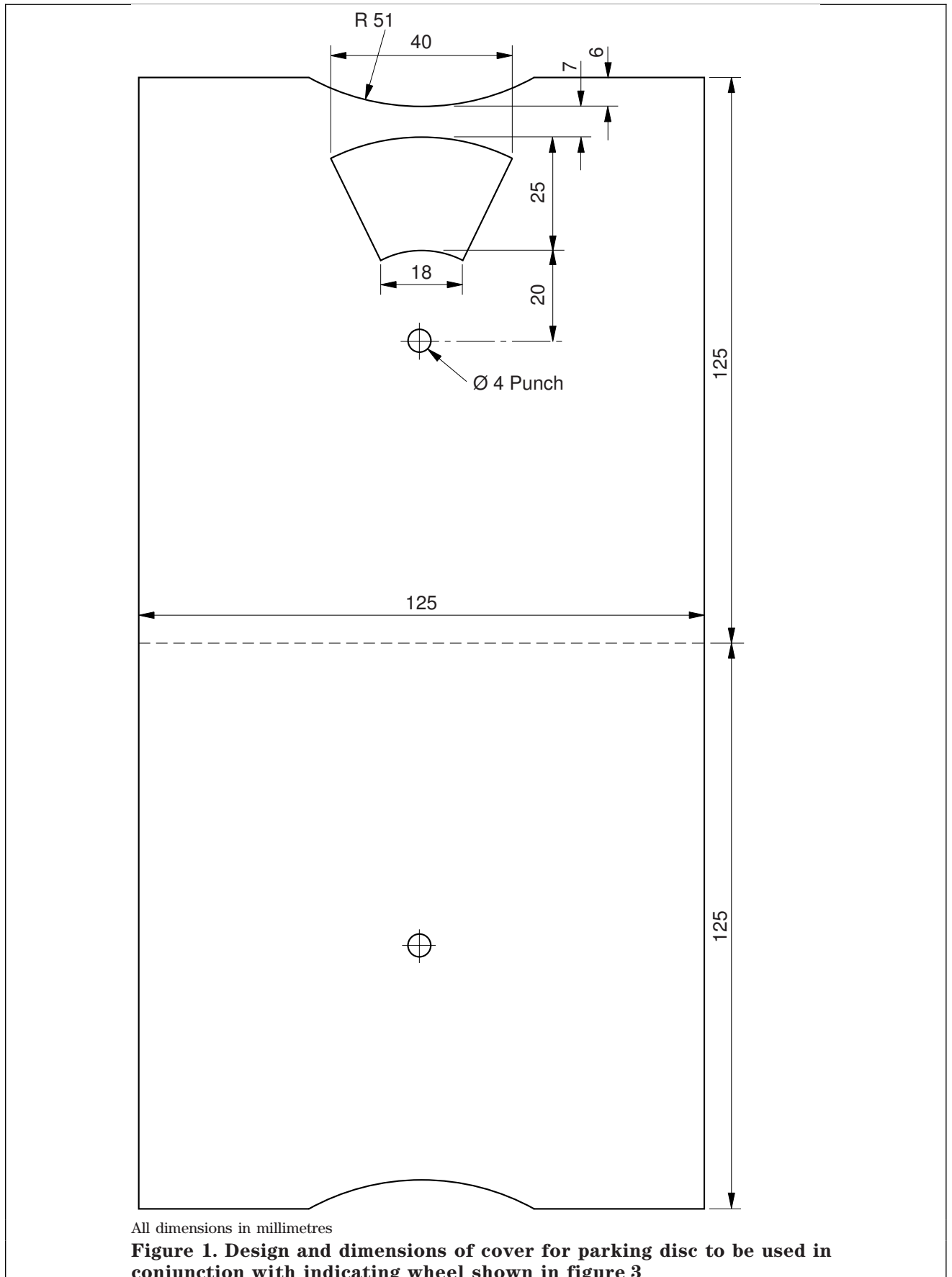
The cover shall be of the dimensions and outline design shown in figure 2, and of the detailed design shown in figure 7. The indicating wheel shall be of the design shown in figure 4, and shall have black characters and indications printed on either a white background or a background of the same colour as the cover. The cover may be any colour except BS 381C 557 (light orange), which is reserved for Type D discs.

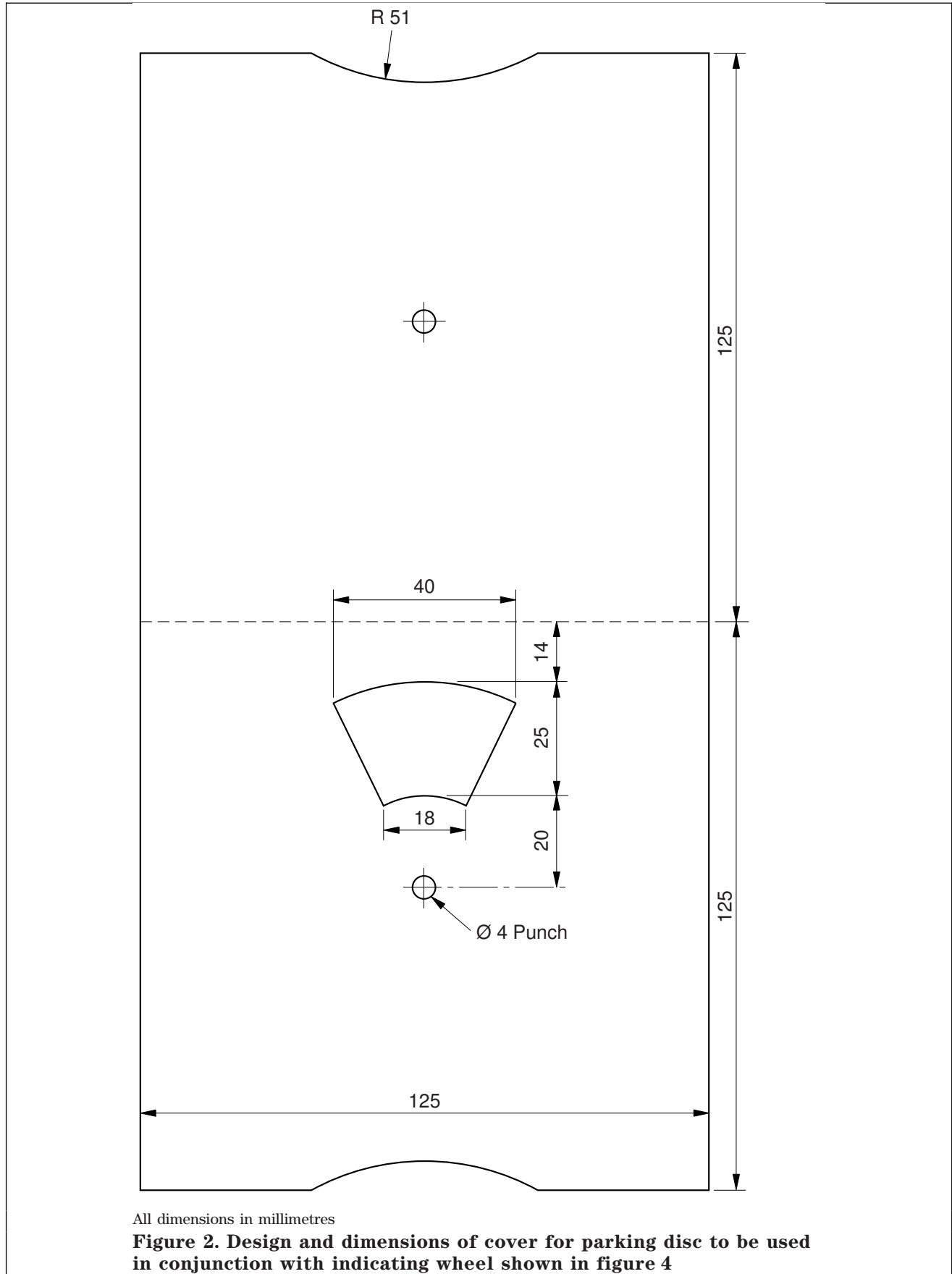
### 6.4 Type D discs

The cover shall be of the dimensions and outline design shown in figure 1, and of the detailed design shown in figure 8. The indicating wheel shall be of the design shown in figure 3. The indicating wheel shall have black characters and indications, printed on a background of BS 381C 557 (light orange).

## 7 Marking

The disc shall be marked in the locations shown in figures 6, 7 and 8 with the printer's name.











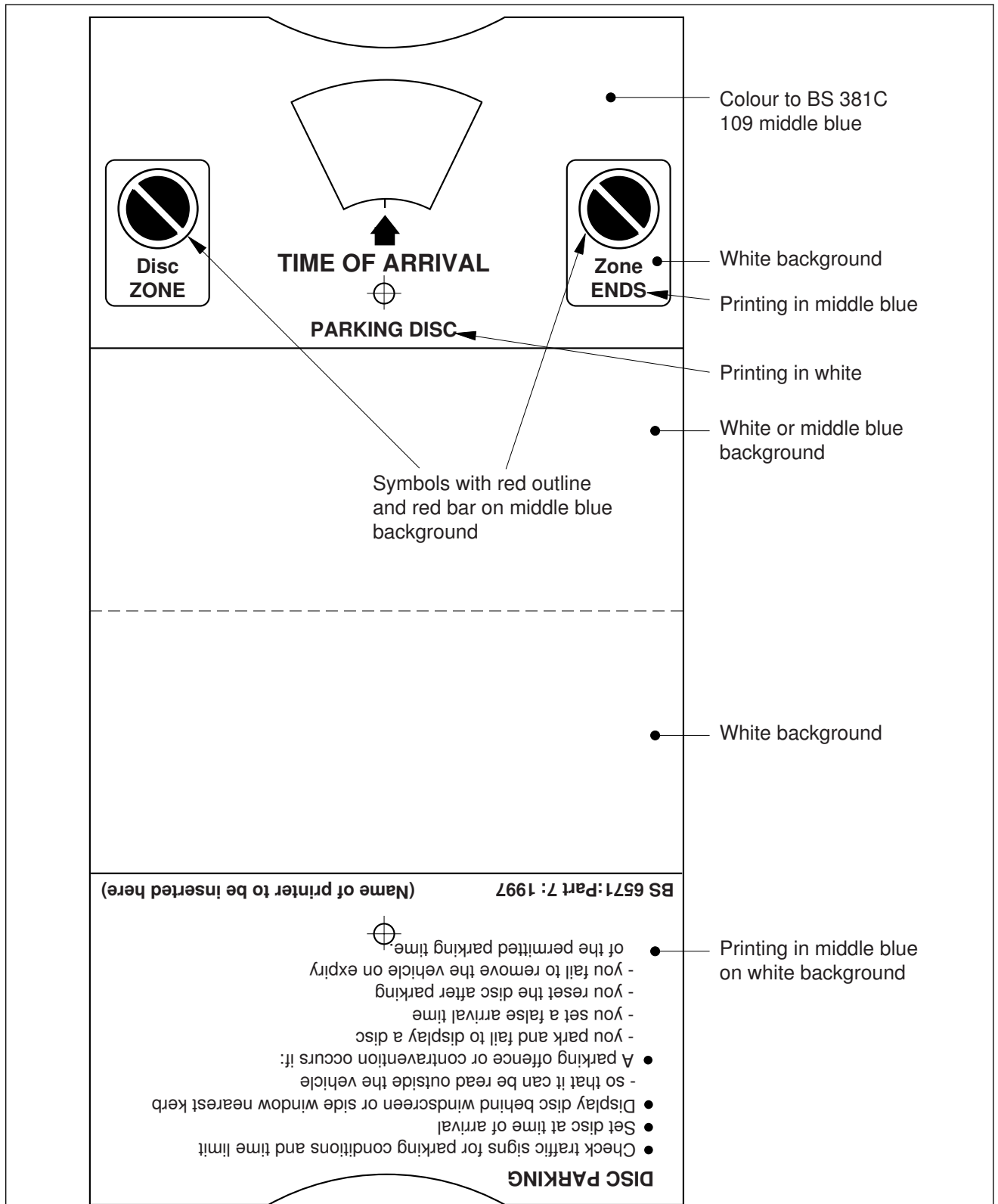
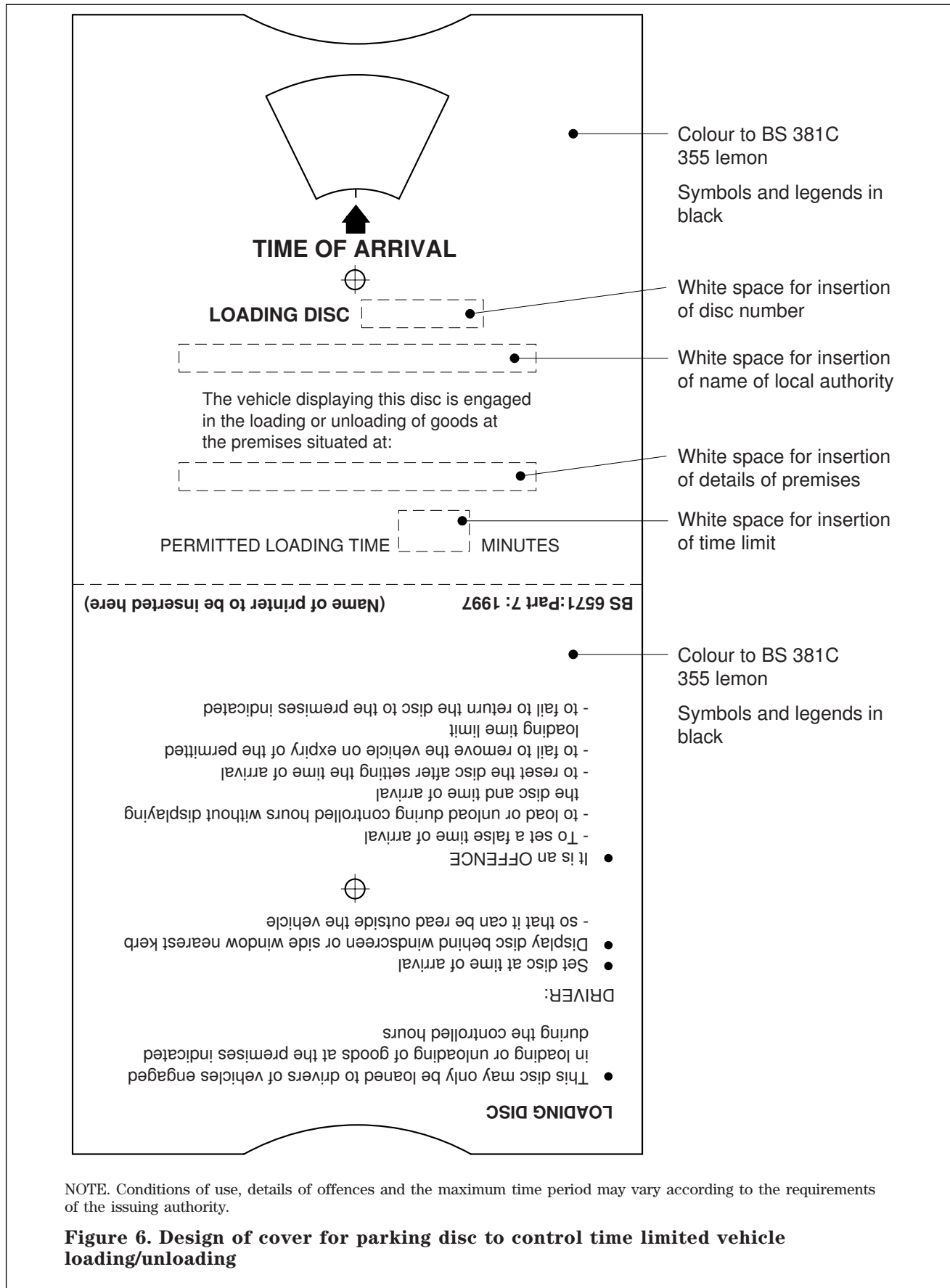
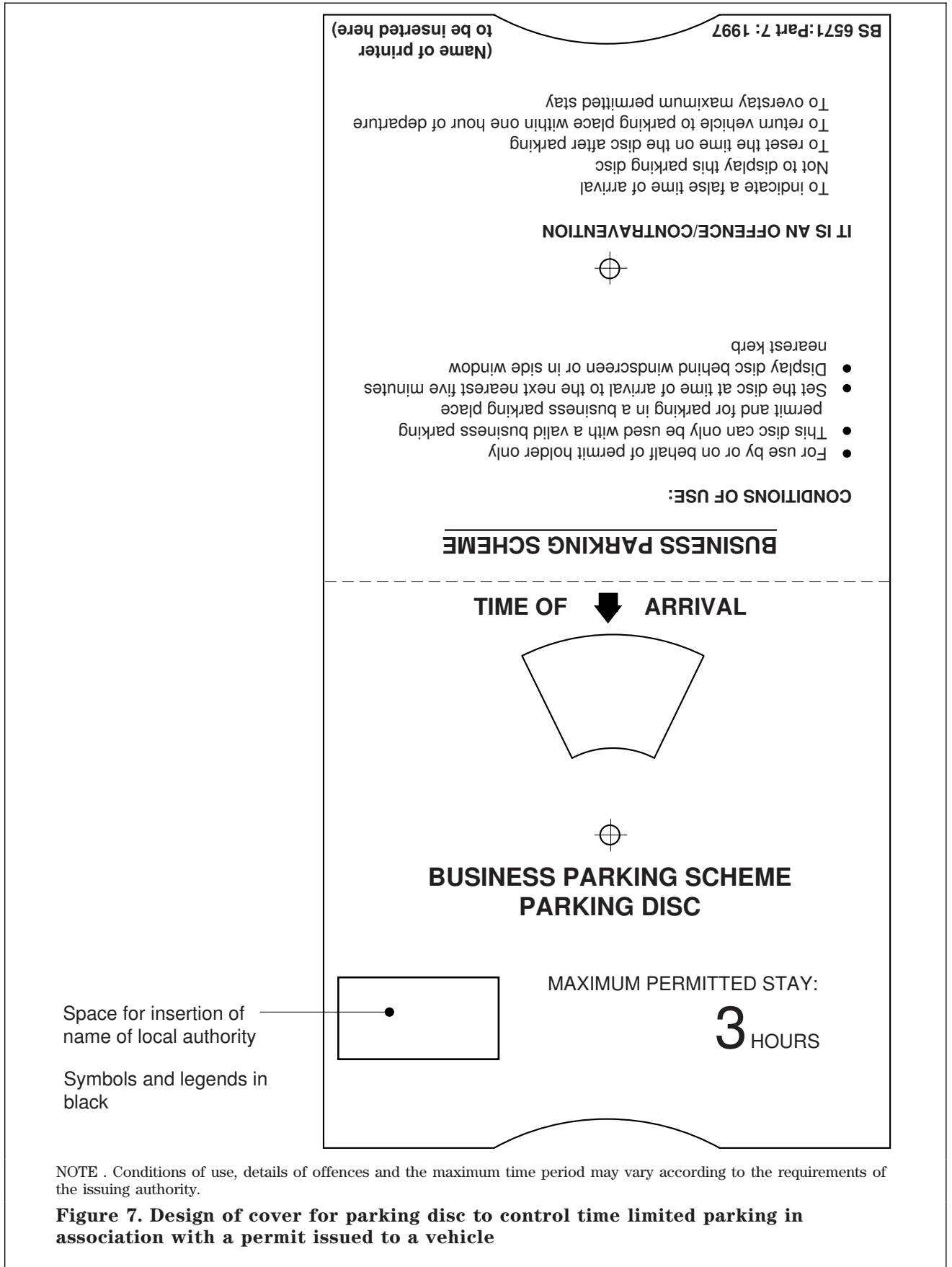


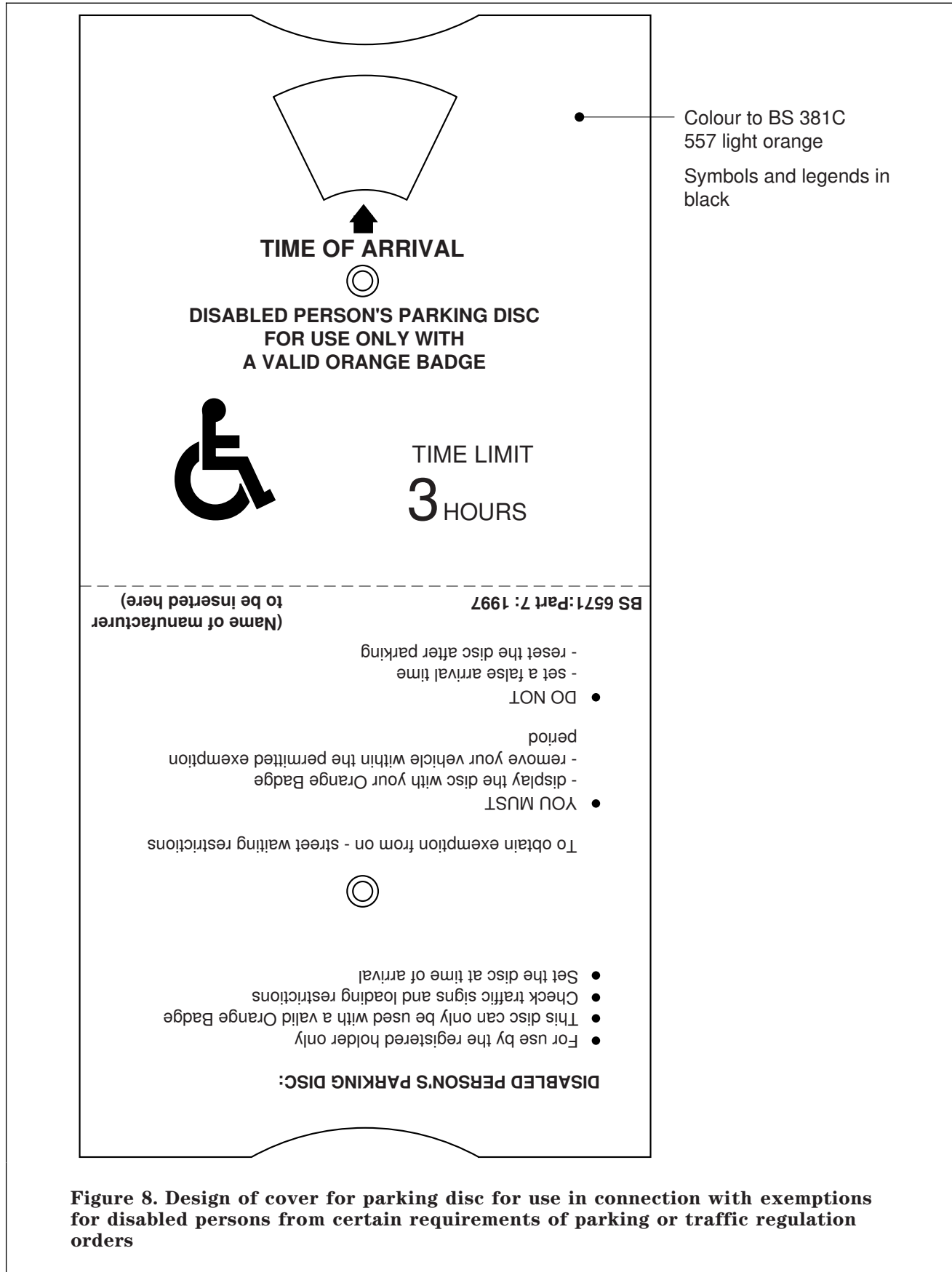
Figure 5. Design of cover for parking disc to control time limited parking without payment



NOTE. Conditions of use, details of offences and the maximum time period may vary according to the requirements of the issuing authority.

**Figure 6. Design of cover for parking disc to control time limited vehicle loading/unloading**





**Figure 8. Design of cover for parking disc for use in connection with exemptions for disabled persons from certain requirements of parking or traffic regulation orders**

## List of references (see clause 2)

### Normative references

#### BSI publications

BRITISH STANDARDS INSTITUTION, London

BS 381C : 1996

*Specification for colours for identification, coding and special purposes*

BS 4321 : 1969

*Method of test for printing inks (resistance of prints to various physical and chemical agents)*

### Informative references

#### BSI publications

BRITISH STANDARDS INSTITUTION, London

BS EN ISO 9000

*Quality management and quality assurance standards*

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