

# Identification cards — Recording technique —

## Part 9: Tactile identifier mark

ICS 35.240.15

## National foreword

This British Standard is the UK implementation of ISO/IEC 7811-9:2008.

The UK participation in its preparation was entrusted to Technical Committee IST/17, Cards and personal identification.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2008

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ISBN 978 0 580 62866 5

### Amendments/corrigenda issued since publication

Date	Comments

INTERNATIONAL  
STANDARD

**ISO/IEC**  
**7811-9**

First edition  
2008-06-01

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**Identification cards — Recording  
technique —**

Part 9:  
**Tactile identifier mark**

*Cartes d'identification — Technique d'enregistrement —  
Partie 9: Marque d'identificateur tactile*

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Reference number  
ISO/IEC 7811-9:2008(E)





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## **Foreword**

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ISO/IEC 7811-9 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

ISO/IEC 7811 consists of the following parts, under the general title *Identification cards — Recording technique*:

- ↓ *Part 1: Embossing*
- ↓ *Part 2: Magnetic stripe — Low coercivity*
- ↓ *Part 6: Magnetic stripe — High coercivity*
- ↓ *Part 7: Magnetic stripe — High coercivity, high density*
- ↓ *Part 8: Magnetic stripe — Coercivity of 51,7 kA/m (650 Oe)*
- ↓ *Part 9: Tactile identifier mark*

# Identification cards — Recording technique —

## Part 9: Tactile identifier mark

### 1 Scope

This part of ISO/IEC 7811 specifies the physical characteristics of a tactile identifier mark used by visually-impaired card holders to distinguish their cards. It defines the area on the card for the tactile identifier mark (TIM) and the layout of Braille-style embossed dots arranged in patterns to enable easy tactile recognition.

### 2 Conformance

A TIM is in conformance with this part of ISO/IEC 7811 if it meets all mandatory requirements, and optional requirements as specified.

### 3 Normative references

The following referenced documents are indispensable for the application 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.

ISO/IEC 7810, *Identification cards — Physical characteristics*

ISO/IEC 7811-1, *Identification cards — Recording technique — Part 1: Embossing*

### 4 Terms, definitions and abbreviations

#### 4.1 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 7810 and the following apply.

##### 4.1.1

##### **embossed**

raised in relief from the front surface of the card by adding or reacting card material, or by deforming the card material from the opposite side

#### 4.2 Abbreviations

TIM tactile identifier mark

## 5 TIM physical characteristics

### 5.1 Location of TIM

The TIM should be located on the front surface of the card in the area shown in Figure 1.

The TIM shall not be located outside the Name and address area defined by ISO/IEC 7811-1.

Regardless of TIM location, all other raised areas shall be at least 1 mm from the edge of any TIM.

NOTE Certain embossing techniques can damage card components that exist in TIM area.

dimensions in millimetres (inches)

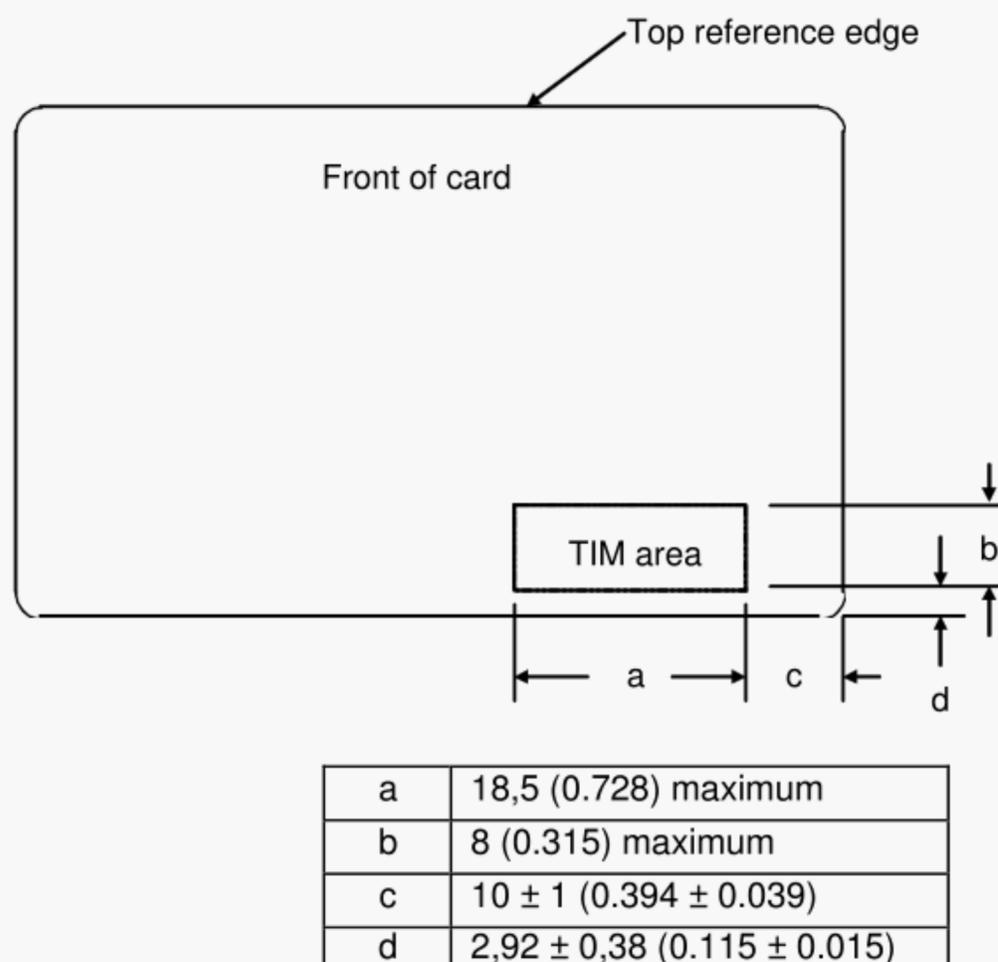
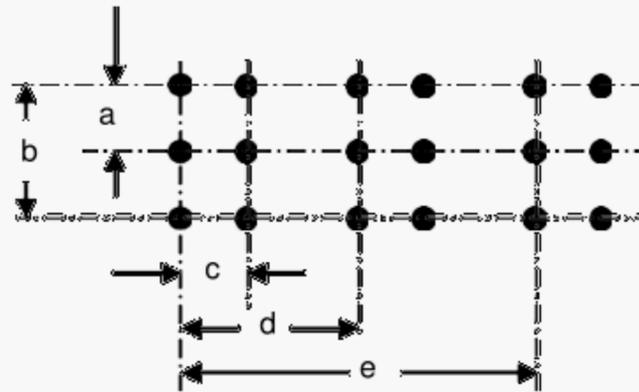


Figure 1 — Recommended TIM area

### 5.2 TIM dot arrangement

The TIM shall be composed of a maximum of 3 groups of 6 dots arranged as shown in Figure 2.

dimensions in millimetres (inches)



a	2,3 (0.091)
b	4,6 (0.181)
c	2,3 (0.091) 3 places
d	6,1 (0.240)
e	12,2 (0.480)

Figure 2 — Arrangement of TIM dots

### 5.3 Dot dimensions

Dots used to make up the TIM shall have a relief height of 0,48 mm (0.019 inch) maximum and 0,3 mm (0.012 inch) minimum above the adjacent surface of the card. The shape of each dot is not specified; examples are shown in Figure 3.

dimensions in mm (inch)



Figure 3 — TIM dot base size and shape illustration a

### 5.4 Sign design

It is recommended that the card holder select which of the 18 possible dots are to be raised. The maximum number of raised dots is 18 and the minimum is 1.

NOTE Since there are individual differences in discernment by the tactile sense, it is recommended that the card holder be able to use the combination of the dots that is easy for them to discriminate.

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