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# International Standard



# 1093

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Adding machines and calculating machines — Keytop and printed or displayed symbols

*Machines à additionner et machines à calculer — Symboles des touches et symboles imprimés ou affichés*

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**Descriptors** : office machines, calculators, adding machines, keys (key boards), symbols, display devices, graphic symbols, instructions.

Price based on 3 pages

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 1093 was developed by Technical Committee ISO/TC 95, *Office machines*, and was circulated to the member bodies in February 1979.

It has been approved by the member bodies of the following countries:

Australia	Italy	Spain
Canada	Japan	Sweden
Chile	Libyan Arab Jamahiriya	Switzerland
Czechoslovakia	Mexico	United Kingdom
Finland	Portugal	USA
France	Romania	
Germany, F. R.	South Africa, Rep. of	

No member body expressed disapproval of the document.

This International Standard cancels and replaces ISO Recommendation R 1093-1969, of which it constitutes a technical revision.

# Adding machines and calculating machines — Keytop and printed or displayed symbols

## 1 Scope and field of application

This International Standard specifies the keytop and printed or displayed symbols that shall be used on adding machines and calculating machines.

## 2 References

ISO 7000 [and its Addendum 1<sup>1)</sup>], *Graphic symbols — Index, survey and compilation of the single sheets*.

IEC Publication 417, *Graphical symbols for use on equipment — Index, survey and compilation of the single sheets*.

## 3 Use of symbols

**3.1** The symbols listed in the table shall be used on all adding machines and calculating machines (printing and non-printing) that are capable of performing the relevant functions.

**3.2** Symbols with references 1 to 11 in the table shall be printed or displayed immediately to the right of the number to which they refer and horizontally and centrally aligned with it, except that the printing or display of symbols reference 1, 9 and 11 is optional.

**3.3** Symbols for arithmetic functions shall be combined as necessary where more than one such function is carried out simultaneously.

**3.4** A negative number shall always be represented by printing or displaying symbol reference 12, negative sign (minus), immediately to the left or right of the number to which it refers and aligned horizontally and centrally with it. However, if the symbol is printed to the right the alternative form “(-)” shall always be used. In any event, the keytop symbol for the negative sign (minus) shall always be “(-)”.

1) At present at the stage of draft.

Table 1 – Symbols of arithmetic functions

Reference Number	Keypop symbol	Printed or displayed symbol	Function	IEC Publication 417 Symbol Number	ISO 7000 Symbol Number
1			Addition	5005	—
2			Subtraction	5006	—
3			Multiplication	—	0654 <sup>1)</sup>
4			Division	—	0655 <sup>1)</sup>
5			Square root	—	0653 <sup>1)</sup>

1) At present at the stage of draft.

2) The alternative symbol ÷ is accepted.

Table 2 – Symbols of logic functions

Reference Number	Keypop symbol	Printed or displayed symbol	Function	IEC Publication 417 Symbol Number	ISO 7000 Symbol Number
6			Total	—	0656 <sup>1)</sup>
7			Subtotal	—	0650 <sup>1)</sup>
8			Non add	—	0657 <sup>1)</sup>
9	C	C <sup>2)</sup>	Clear	—	—
10	R	R	Repeat	—	—
11			Equals	—	0652 <sup>1)</sup>

1) At present at the stage of draft.

2) The printing or display of this symbol is optional and is used only for the clearing of an entry.

Table 3 — Symbols associated with numerals

Reference Number	Keypop symbol	Printed or displayed symbol	Function	IEC Publication 417 Symbol Number	ISO 7000 Symbol Number
12	( - )	— or ( - ) <sup>1)</sup>	Negative sign (minus)	—	—
13	, or .	, or .	Decimal sign	—	—

1) The option "( - )" shall always be used when this symbol is printed to the right of the number. (See 3.4.)

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