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# International Standard



# 3394

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

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## Dimensions of rigid rectangular packages — Transport packages

*Dimensions des emballages rectangulaires rigides — Emballages d'expédition*

Second edition — 1984-08-15

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UDC 621.798.1

Ref. No. ISO 3394-1984 (E)

Descriptors : packing, transport packing, dimensions, modular structures.

Price based on 3 pages

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (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 authorized 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 3394 was developed by Technical Committee ISO/TC 122, *Packaging*.

This second edition was submitted directly to the ISO Council, in accordance with clause 6.11.2 of part 1 of the Directives for the technical work of ISO. It cancels and replaces the first edition (i.e. ISO 3394:1975), which had been approved by the member bodies of the following countries:

Austria	Germany, F.R.	South Africa, Rep. of
Belgium	Hungary	Spain
Brazil	India	Sweden
Bulgaria	Ireland	Switzerland
Canada	Italy	Thailand
Czechoslovakia	Netherlands	Turkey
Egypt, Arab Rep. of	New Zealand	United Kingdom
Finland	Poland	USSR
France	Romania	Yugoslavia

The member bodies of the following countries had expressed disapproval of the document on technical grounds:

Australia  
USA

# Dimensions of rigid rectangular packages — Transport packages

## 1 Scope and field of application

This International Standard sets forth a series of dimensions for rigid rectangular transport packages, based on the standard plan dimension (module) of 600 mm × 400 mm (23.62 in × 15.75 in).

## 2 Definition

**2.1 plan dimensions:** The dimensions of the rectangle defined on a horizontal surface by the four vertical planes intersecting at right angles which enclose a transport package freestanding on that surface. (See the figure.)

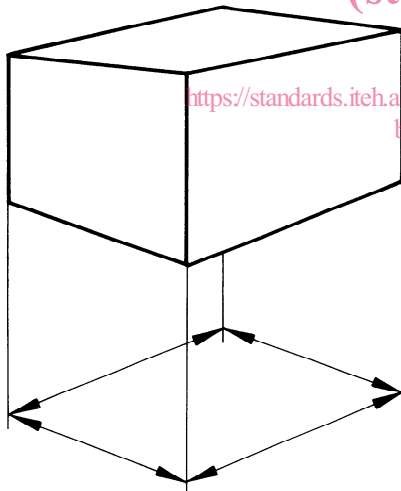


Figure — Plan dimensions

## 3 Principle

The effective outside dimensions (length and width) of transport packages shall be obtained by multiplying or dividing the standard plan dimension by an integer.

## 4 Dimensions

Examples of plan dimensions calculated following the principles of clause 3 are set forth in the table and the diagrams on the following pages.

## 5 Height

The height of the transport packages is left to the discretion of the user.

## 6 Tolerances

The plan dimensions and all the derived dimensions are maximum dimensions for filled transport packages.

Table — Dimensions of transport packages

Multiples	
mm	in
1 200 × 1 000	47.25 × 39.37
1 200 × 800	47.25 × 31.50
1 200 × 600	47.25 × 23.62
1 200 × 400	47.25 × 15.75
800 × 600	31.50 × 23.62
Module	
mm	in
600 × 400	23.62 × 15.75
Submultiples	
mm	in
600 × 400	23.62 × 15.75
300 × 400	11.81 × 15.75
200 × 400	7.88 × 15.75
150 × 400	5.90 × 15.75
120 × 400	4.72 × 15.75
600 × 200	23.62 × 7.87
300 × 200	11.81 × 7.87
200 × 200	7.88 × 7.87
150 × 200	5.90 × 7.87
120 × 200	4.72 × 7.87
600 × 133	23.62 × 5.25
300 × 133	11.81 × 5.25
200 × 133	7.88 × 5.25
150 × 133	5.90 × 5.25
120 × 133	4.72 × 5.25
600 × 100	23.62 × 3.93
300 × 100	11.81 × 3.93
200 × 100	7.88 × 3.93
150 × 100	5.90 × 3.93
120 × 100	4.72 × 3.93

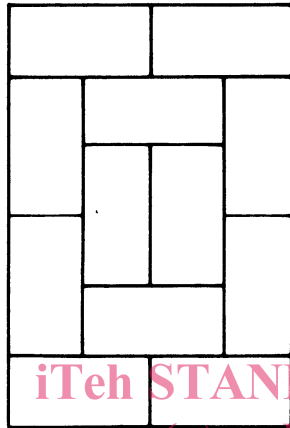
### NOTES

- The multiples and submultiples are examples calculated from the module, 600 mm × 400 mm (23.62 in × 15.75 in).
- Dimensions in inches are exact equivalents, within 0.01, of dimensions given in millimetres.

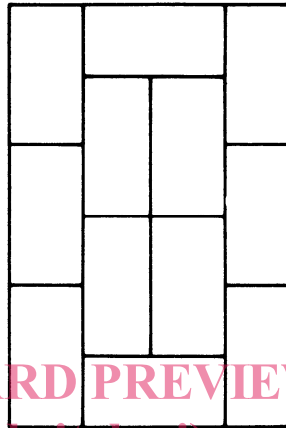
Examples of combination multiples and submultiples, arranged to interlock

**1 200 mm × 800 mm Multiple, 400 mm × 200 mm Submultiple**  
(47.25 in × 39.37 in), (15.75 in × 7.87 in)

First layer



Second layer



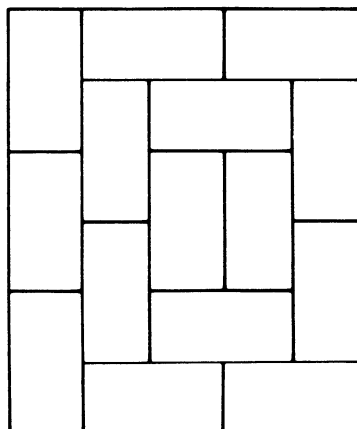
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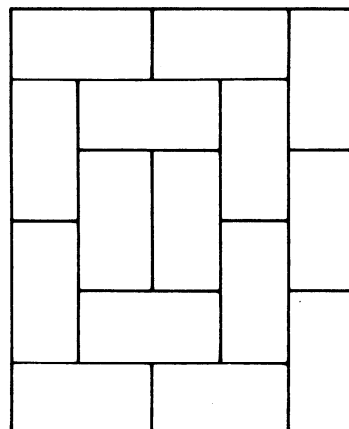
<https://standards.iteh.ai/catalog/standards/sist/c0e457b7-3ab2-442a-a0cd-b2a9b4de33c8/iso-3394-1984>

**1 200 mm × 1 000 mm Multiple, 400 mm × 200 mm Submultiple**  
(47.25 in × 39.37 in), (15.75 in × 7.87 in)

First layer



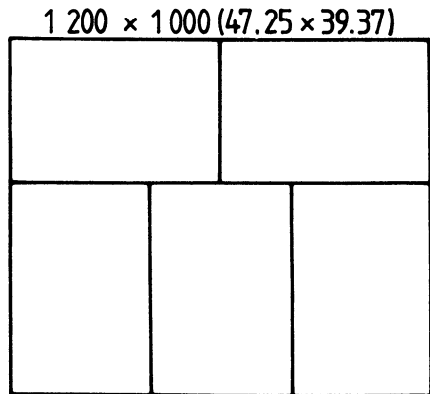
Second layer



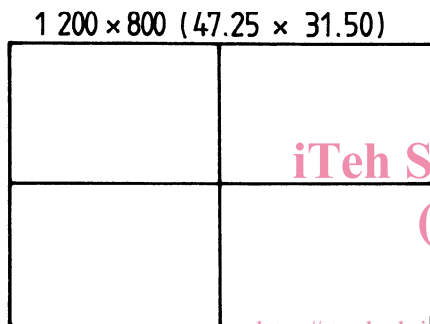
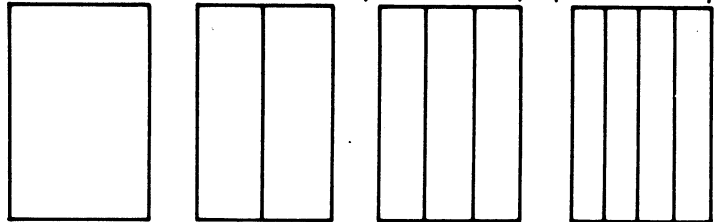
Dimensions in millimetres  
(inch values in parentheses)

**Multiples**

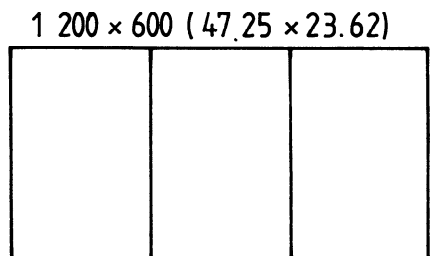
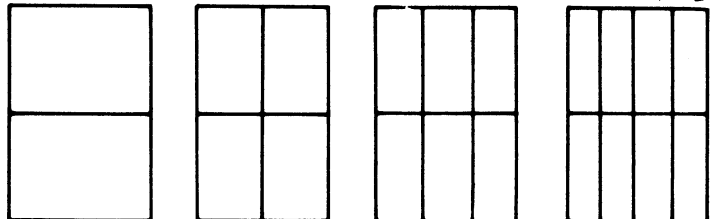
**Submultiples**



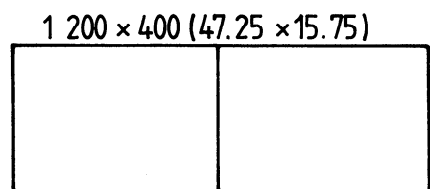
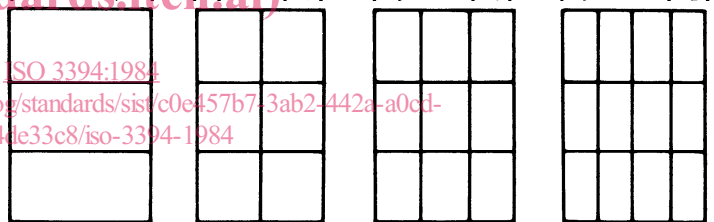
600 × 400 (23.62 × 15.75)    600 × 200 (23.62 × 7.87)    600 × 133 (23.62 × 5.25)    600 × 100 (23.62 × 3.93)



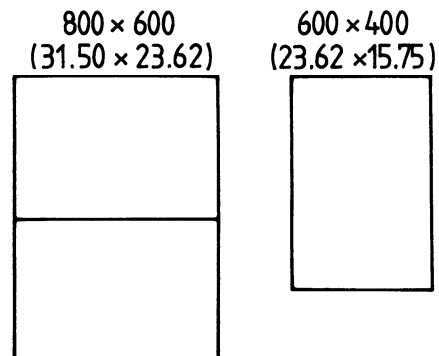
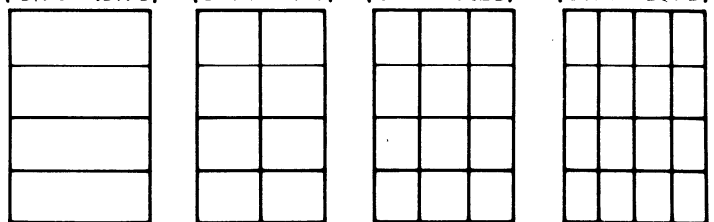
300 × 400 (11.81 × 15.75)    300 × 200 (11.81 × 7.87)    300 × 133 (11.81 × 5.25)    300 × 100 (11.81 × 3.93)



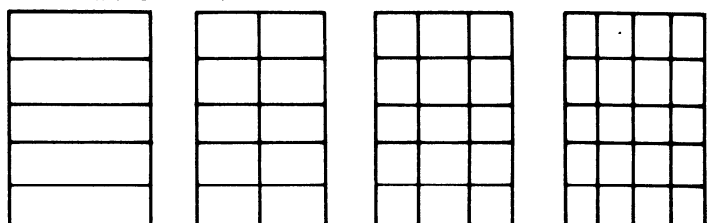
200 × 400 (7.88 × 15.75)    200 × 200 (7.88 × 7.87)    200 × 133 (7.88 × 5.25)    200 × 100 (7.88 × 3.93)



150 × 400 (5.90 × 15.75)    150 × 200 (5.90 × 7.87)    150 × 133 (5.90 × 5.25)    150 × 100 (5.90 × 3.93)



120 × 400 (4.72 × 15.75)    120 × 200 (4.72 × 7.87)    120 × 133 (4.72 × 5.25)    120 × 100 (4.72 × 3.93)



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