

# International Standard



# 2588

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

## Leather — Sampling — Number of items for a gross sample

*Cuir — Échantillonnage — Nombre d'unités élémentaires de l'échantillon global*

**Second edition — 1985-05-15**

**UDC 675 : 620.113**

**Ref. No. ISO 2588-1985 (E)**

**Descriptors :** leather industries, leather, sampling.

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 2588 was prepared by Technical Committee ISO/TC 120, *Leather*.

ISO 2588 was first published in 1973. This second edition cancels and replaces the first edition, of which it constitutes a minor revision.

# Leather — Sampling — Number of items for a gross sample

## 1 Scope and field of application

This International Standard specifies a method for the drawing, from a lot, of whole pieces of leather to form a gross sample.

The method is applicable to all kinds of leather of any type of tannage.

NOTE — This International Standard does not cover marking and storage of the gross sample.

## 2 Reference

ISO 3534, *Statistics — Vocabulary and symbols*.

## 3 Definitions

For the purposes of this International Standard the following definitions apply. With the exception of 3.4 they are consistent with the definitions given in ISO 3534.

**3.1 consignment** : A quantity of some commodity delivered at one time. The consignment may consist of one or more lots or parts of lots.

**3.2 lot** : A definite quantity of some commodity manufactured or produced under conditions which are presumed uniform.

**3.3 gross sample** : A sample as collected from a lot.

**3.4 item** : A whole piece of leather which belongs to the gross sample.

## 4 Method of sampling

**4.1** In the absence of any other agreement on sampling procedure between the interested parties, the procedure described in 4.2, 4.3 and 4.4 is recommended.

**4.2** The gross sample shall be calculated according to the formula

$$n = 0,5 \sqrt{N}$$

where

$n$  is the number of items in the gross sample;

$N$  is the number of pieces in the lot.

**4.3** However, the number of items taken shall in no case be less than 3.

**4.4** The selection of pieces from the lot to form items of the gross sample shall be done in a manner ensuring truly random sampling, preferably by numbering the pieces in order and then choosing the pieces by number, using a table of random numbers.

## 5 Sampling report

The sampling report shall include the following information :

- a) reference to this International Standard;
- b) identification of the lot or lots;
- c) the size of each sampled lot (i.e. number of pieces);
- d) the number of pieces that have been drawn from each lot;
- e) any unusual features noted during the sampling operation;
- f) any operation carried out which is not laid down in this International Standard, and details of any alternative procedure used.