

# International Standard



# 4199

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

## Plain bearings — Shaft diameters for unsplit bushes

*Paliers lisses — Diamètres d'arbre pour coussinets non fendus*

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**Descriptors** : bearings, plain bearings, bearing bushes, shafts (machine elements), dimensions, diameters.

## 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 4199 was developed by Technical Committee ISO/TC 123, *Plain bearings*, and was circulated to the member bodies in October 1978.

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

Chile	Korea, Rep. of	Sweden
Czechoslovakia	Netherlands	United Kingdom
France	New Zealand	USA
Germany, F.R.	Poland	USSR
India	Romania	Yugoslavia
Ireland	South Africa, Rep. of	
Italy	Spain	

No member body expressed disapproval of the document.

# Plain bearings — Shaft diameters for unsplit bushes

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies a list of shaft diameters for unsplit bushes, metallic or of other materials.

These shaft diameters are intended to serve as a basis for future International Standards for unsplit bushes.

## 2 REFERENCES

ISO 2795, *Plain bearings made from sintered material — Dimensions and tolerances.*

ISO 4379, *Plain bearings — Solid copper alloy bushes — Dimensions and tolerances.*

ISO 2340, *Clevis pins — Metric series.*

ISO 2341, *Clevis pins with heads — Metric series.*

TABLE — Shaft diameters for unsplit bushes

Dimensions in millimetres

Shaft diameters	
1	38
1,5	40
2	42
2,5	45
3	48
4	50
5	55
6	60
7	65
8	70
9	75
10	80
12	85
14	90
15	95
16	100
18	105
20	110
22	120
24 <sup>1)</sup>	130
25	140
27 <sup>1)</sup>	150
28	160
30	170
32	180
33 <sup>1)</sup>	190
35	200
36 <sup>1)</sup>	—

1) These diameters are specially intended for bushes for clevis pins.