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# International Standard



# 6762

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

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## Tyre valves — ISO core chamber No. 2

*Valves pour pneumatiques — Logement du mécanisme ISO n° 2*

**Second edition — 1982-12-01**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 6762:1982](#)

<https://standards.iteh.ai/catalog/standards/sist/f0706b36-daf9-4ec0-8fbe-e87cdca84d33/iso-6762-1982>

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**UDC 629.11.012.55**

**Ref. No. ISO 6762-1982 (E)**

**Descriptors :** agricultural machinery, earth handling equipment, aircraft, tyre valves, dimensions.

## 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 6762 was developed by Technical Committee ISO/TC 31, *Tyres, rims and valves*.

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 6762:1981), which had been approved by the member bodies of the following countries:

Austria	Germany, F.R.	Romania
Brazil	Israel	South Africa, Rep. of
Canada	Italy	Spain
China	Japan	Sweden
Czechoslovakia	Korea, Rep. of	United Kingdom
Egypt, Arab Rep. of	Netherlands	USA
France	Poland	USSR

No member body had expressed disapproval of the document.

## Tyre valves — ISO core chamber No. 2

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### 1 Scope and field of application

This International Standard specifies the interchangeability dimensions of an ISO core chamber No. 2 (large bore), and applies principally to core chambers of valves used on tyres for agricultural machines, earth-moving machines and civil aircraft.

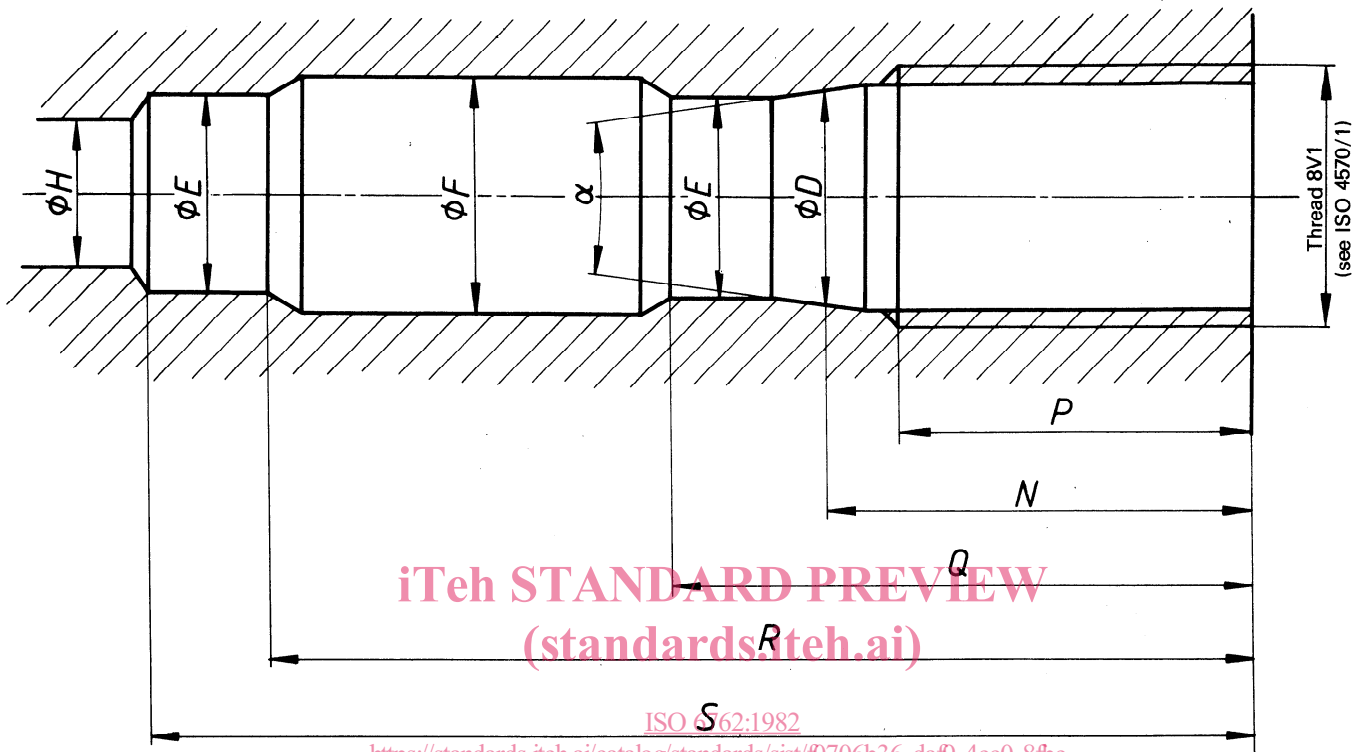
### 2 References

ISO 1502, *ISO general purpose metric screw threads — Gauging.*

ISO 4570/1, *Tyre valve threads — Part 1 : Threads 5V1, 5V2, 6V1, and 8V1.*

### 3 Dimensions

The dimensions of the core chamber are given in the table. The tolerance of the core pin head position is given in figure 2.



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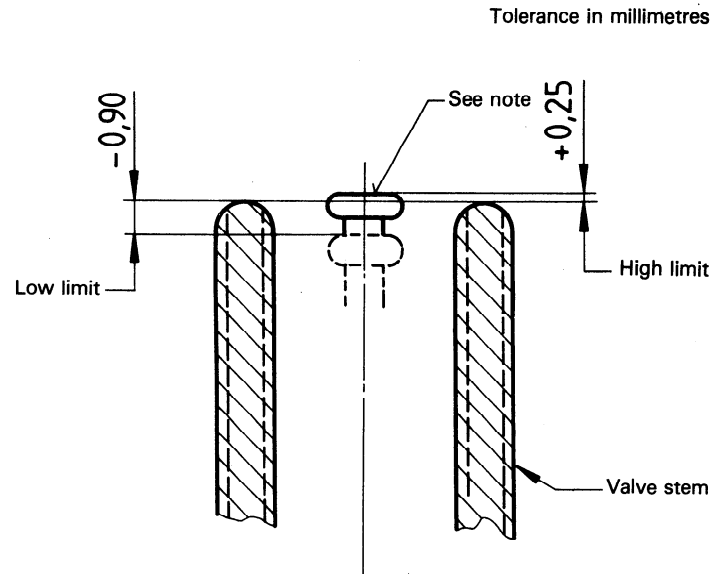
Figure 1 – Core chamber

Table – Core chamber dimensions

Dimensions in millimetres

	min.	max.
$D$	6,70	
$E$	6,30	6,40
$F$	7,3	7,7
$H$	4,6	4,9
$N$	13,82	14,22
$P^1)$	11,5	12,3
$Q$	17,8	18,5
$R$	30,5	31,5
$S$	34,3	35,1
$\alpha$	16°	18°

1) The length of the thread is determined by using a "GO" thread plug gauge. (See clause 11.3 and figure 12 in ISO 1502.) The dimension is to be measured from the end of the gauge and is to include a chamfer length of  $0,5 \times$  pitch.



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NOTE — The pin head shall be not more than 0,25 mm above or 0,90 mm below the valve mouth after inserting the core at a torque of :

- 0,34 to 0,56 N·m for a core with an elastomeric barrel gasket;
- 0,6 to 0,8 N·m for a core with a metallic sealing barrel gasket.

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**Figure 2 — Core pin head position — Tolerance**