

International Standard



6762

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Tyre valves — ISO core chamber No. 2

Valves pour pneumatiques — Logement du mécanisme ISO n° 2

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Foreword

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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*, and was circulated to the member bodies in April 1980.

It has 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 expressed disapproval of the document.

Tyre valves — ISO core chamber No. 2

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 table.

The tolerance of the core pin head position is given in figure 2.

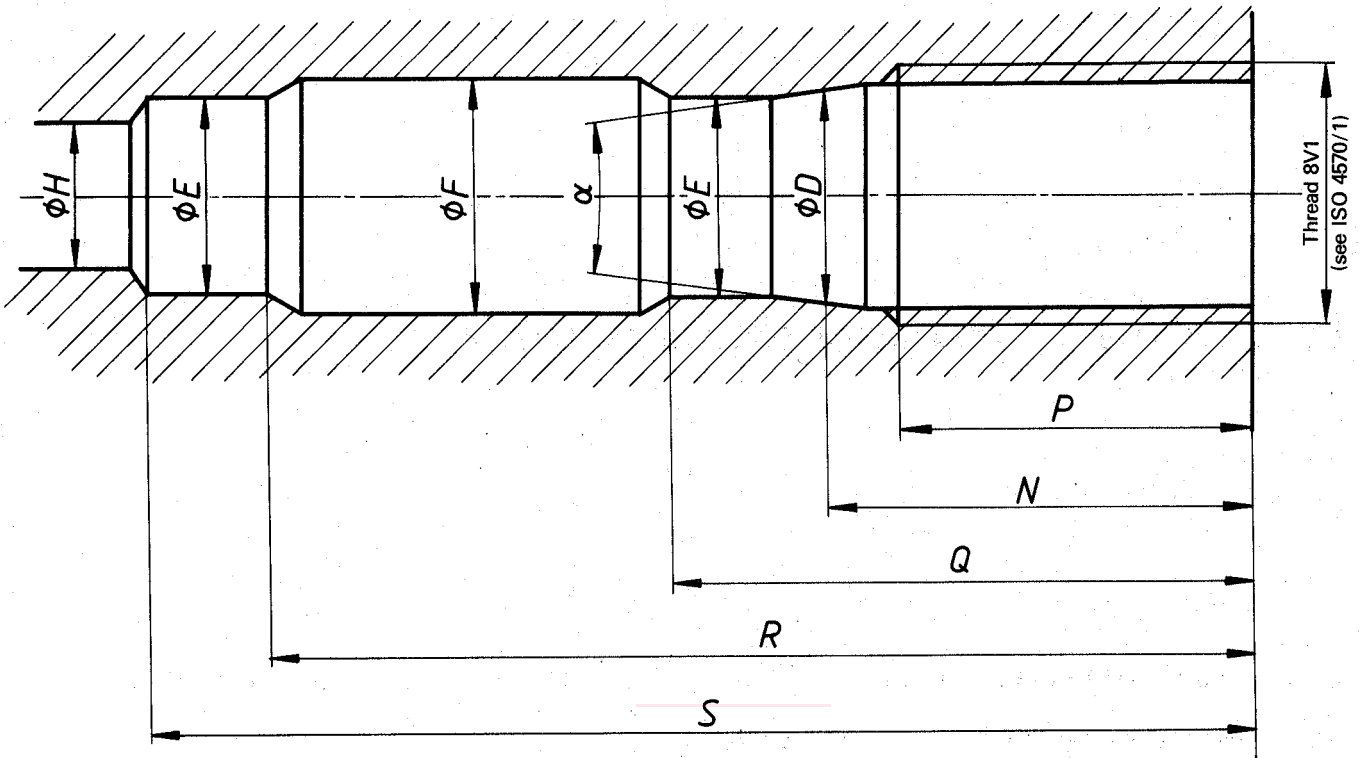


Figure 1 – Core chamber

Table – Core chamber dimensions

Dimensions in millimetres

	min.	max.
<i>D</i>	6,70	
<i>E</i>	6,30	6,40
<i>F</i>	7,3	7,7
<i>H</i>	4,6	4,9
<i>N</i>	13,82	14,22
<i>P</i> ¹⁾	11,5	12,3
<i>Q</i>	17,8	18,5
<i>R</i>	30,5	31,5
<i>S</i>	34,3	35,1
α	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 to include a chamfer length of $0,5 \times \text{pitch}$.