

INTERNATIONAL STANDARD

ISO
9133

First edition
1988-06-01



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

Passenger cars — Engine cooling systems — Threaded pressure caps and their seats on filler necks

Voitures particulières — Circuit de refroidissement moteur — Embases et bouchons pressostatiques avec filetage sur tubulures de remplissage

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ISO 9133:1988

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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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 9133 was prepared by Technical Committee ISO/TC 22, *Road vehicles*.

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Passenger cars — Engine cooling systems — Threaded pressure caps and their seats on filler necks

1 Scope

This International Standard specifies the dimensions of threaded seats of pressure caps for use on the filler necks of engine cooling systems, in passenger cars.

2 Dimensions

2.1 Threaded seat

The threaded seat shall meet the requirements shown in figure 1.

Dimensions and flatness tolerance in millimetres

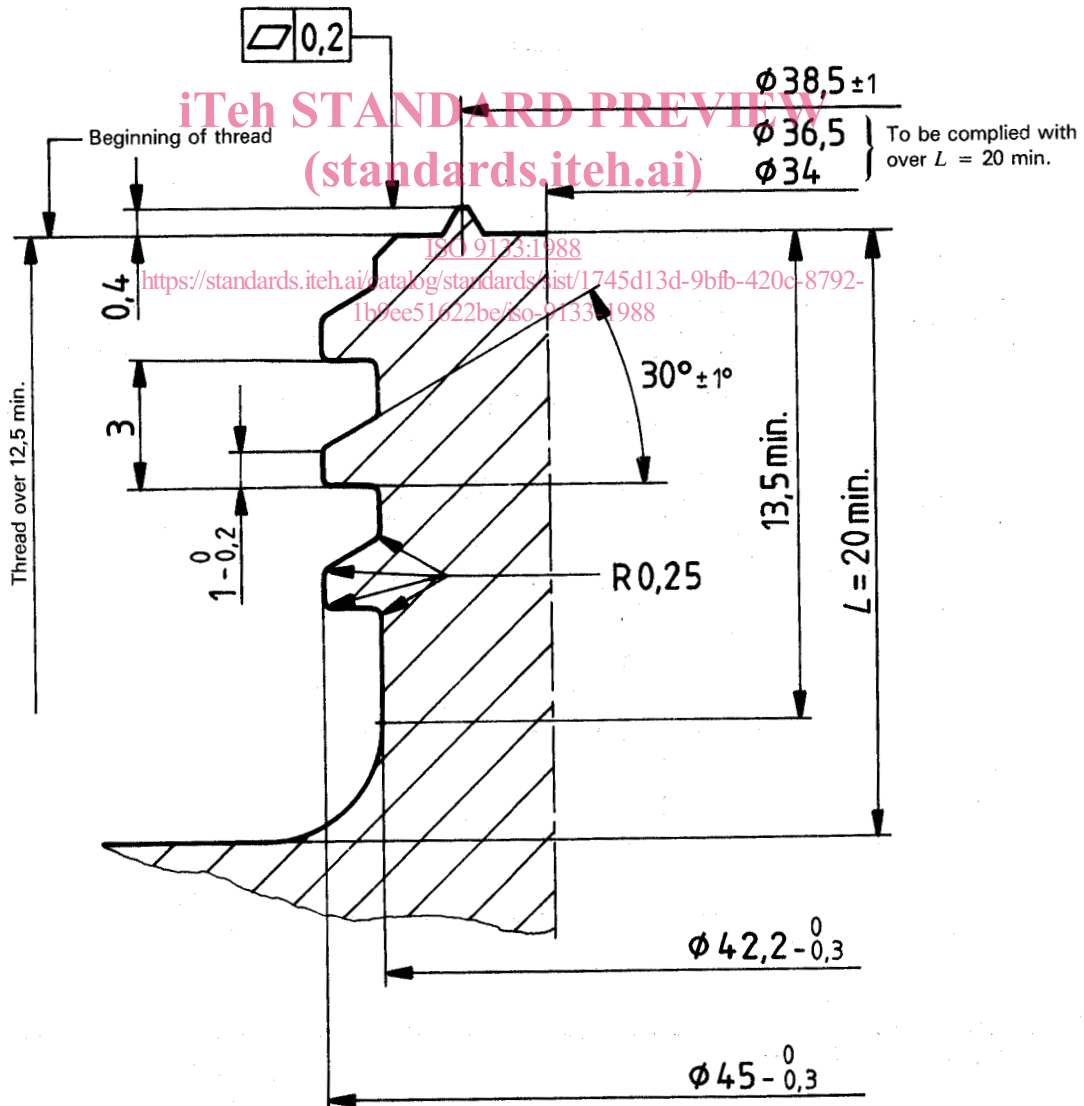


Figure 1 — Threaded seat

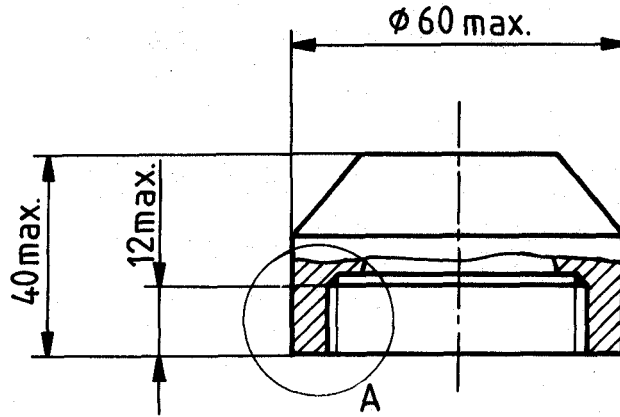
2.2 Threaded pressure cap

Steam is released downwards at the bottom of the cap. Tightness is ensured by the cap (by means of seals or gaskets, for example). When handling the cap, all components (sealing

system, valve, etc.) shall remain one unit. A minimum height of 15 mm shall be provided for a hand to grip the cap.

The threaded pressure cap shall meet the requirements shown in figure 2.

Dimensions and flatness tolerance in millimetres



A – Cap thread

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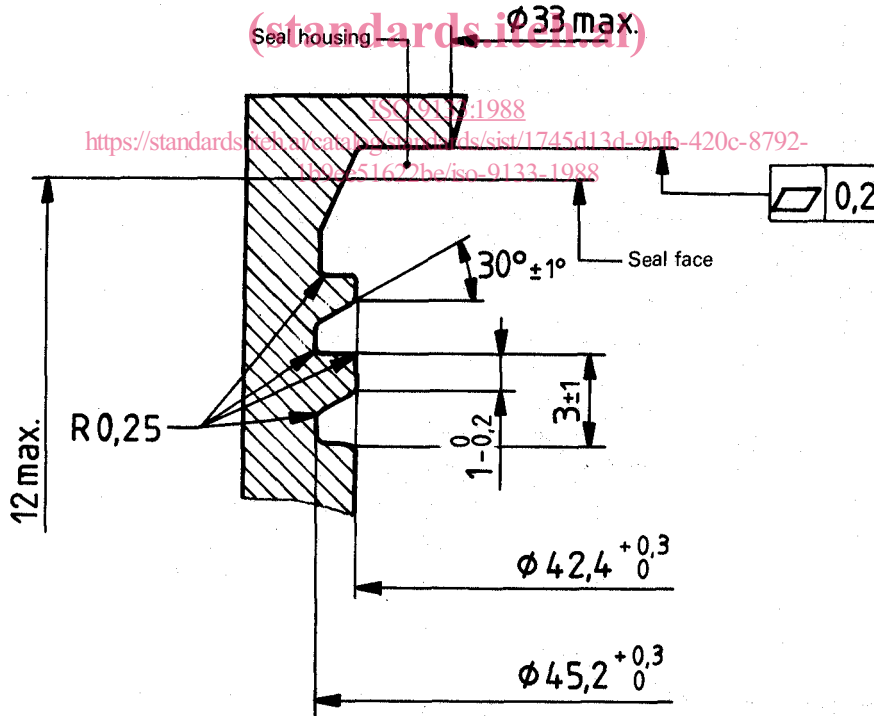


Figure 2 – Threaded pressure cap

UDC 629.113 : 621.43-71 : 683.533

Descriptors : road vehicles, private cars, cooling systems, filling devices, dimensions.

Price based on 2 pages