

INTERNATIONAL  
STANDARD

**ISO**  
**2699**

Third edition  
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**Diesel engines — Flange-mounted fuel  
injectors, size "S" — Types 2, 3, 4, 5  
and 6**

*Moteurs diesels — Porte-injecteurs de combustible complets de  
taille «S», à fixation par bride — Types 2, 3, 4, 5 et 6*

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Reference number  
ISO 2699:1994(E)

## 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 voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 2699 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 7, *Injection equipment and filters for use on road vehicles*.

This third edition cancels and replaces the second edition (ISO 2699:1983), of which it constitutes an editorial revision only.

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# Diesel engines — Flange-mounted fuel injectors, size "S" — Types 2, 3, 4, 5 and 6

## 1 Scope

This International Standard specifies dimensions necessary for the mounting and interchangeability of flange-mounted fuel injectors of size "S", types 2, 3, 4, 5 and 6, containing the nozzles specified in ISO 2697, for diesel (compression-ignition) engines.

The location of the fuel inlet and leak-off connections are not defined since they vary according to the particular application.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2692:1988, *Technical drawings — Geometrical tolerancing — Maximum material principle*.

ISO 2697:1974, *Road vehicles — Fuel injection nozzles — Size "S"*.

## 3 Dimensions and tolerances

General dimensions of injectors shall be as given in figures 1 to 3. The preferred shank lengths (dimension  $L$ ) are given in table 1.

Table 1

Dimensions in millimetres

Injector type	Nozzle type	$L \pm 0,8$				
2	A1 or A2	52	67	—	97	112
	B or C	35	45,5	50	80	95
3 and 5	A1 or A2	52	67	82	97	112
4 and 6	B or C	35	50	65	80	95