

INTERNATIONAL STANDARD

**ISO
7030**

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

Road vehicles — Screw-mounted injection nozzle holders, types 12, 13, 14, 15, 16, 17, 18 and 19

*Véhicules routiers — Porte-injecteurs montés par écrou libre, types 12, 13, 14, 15, 16, 17, 18
et 19*

Reference number
ISO 7030:1987 (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.

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 7030 was prepared by Technical Committee ISO/TC 22, *Road vehicles*.

This second edition cancels and replaces the first edition (ISO 7030 : 1981), of which it constitutes a minor revision.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Road vehicles — Screw-mounted injection nozzle holders, types 12, 13, 14, 15, 16, 17, 18 and 19

1 Scope and field of application

This International Standard specifies dimensional requirements for the mounting of injection nozzle holders in internal combustion compression-ignition (diesel) engines.

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

This International Standard applies to screw-mounted injection nozzle holders, types 12, 13, 14, 15, 16, 17, 18 and 19.

Nozzle holders types 12 and 13 are used with the nozzles specified in ISO 2697; nozzle holders types 14 and 15 may also be used with these nozzles.

2 Reference

ISO 2697, *Road vehicles — Fuel injection nozzles — Size “S”*.

3 Dimensions and tolerances

Nozzle holder dimensions and tolerances are given in 3.1. Preferred shank lengths (L) are given with their tolerances in 3.2.

3.1 Dimensions and tolerances of nozzle holders

3.1.1 Nozzle holders, types 12 and 13

See figures 1 and 2, and table 1.

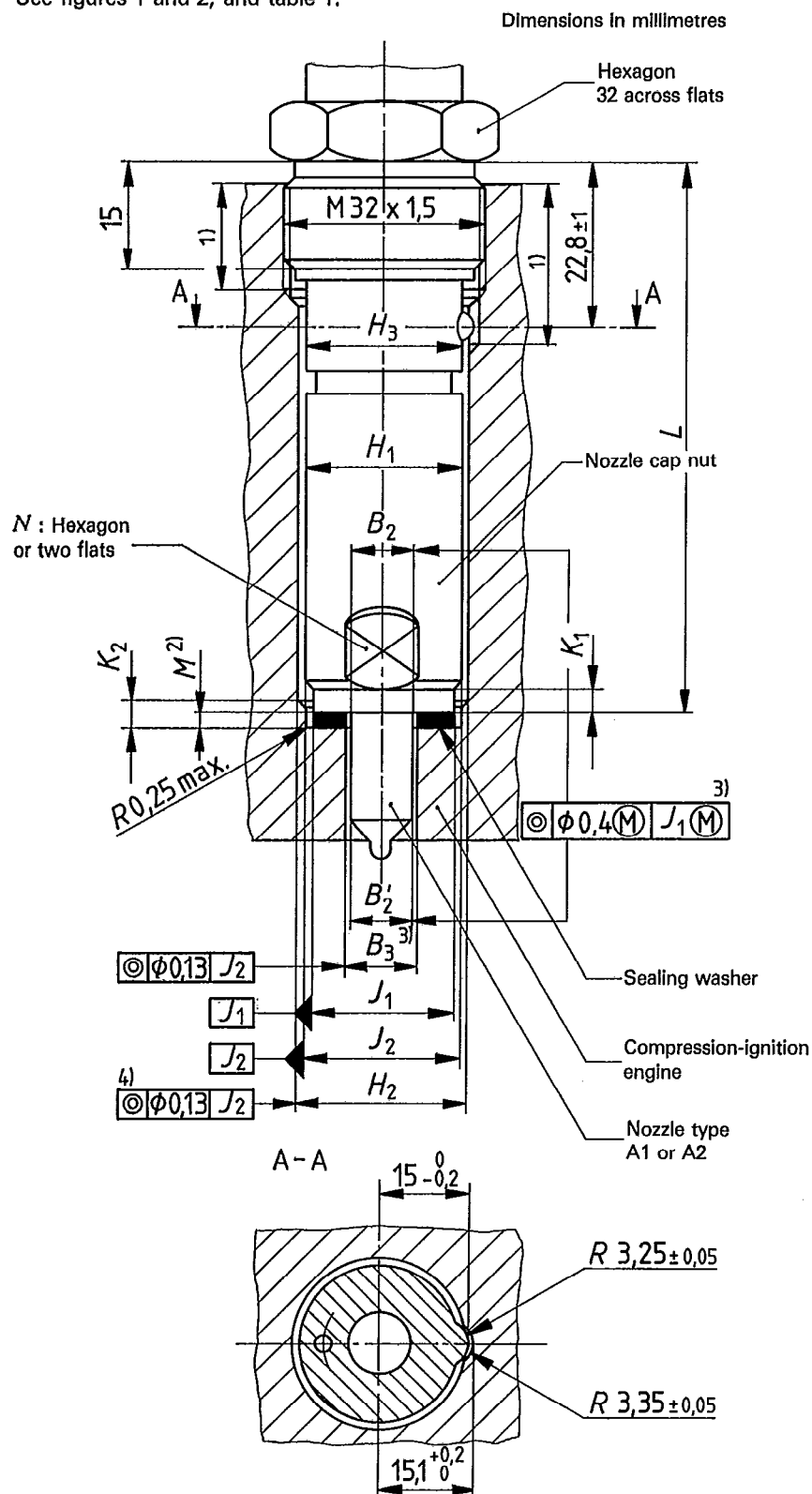


Figure 1 — Screw-mounted nozzle holder, type 12

1) 2) 4) See corresponding notes under table 1.

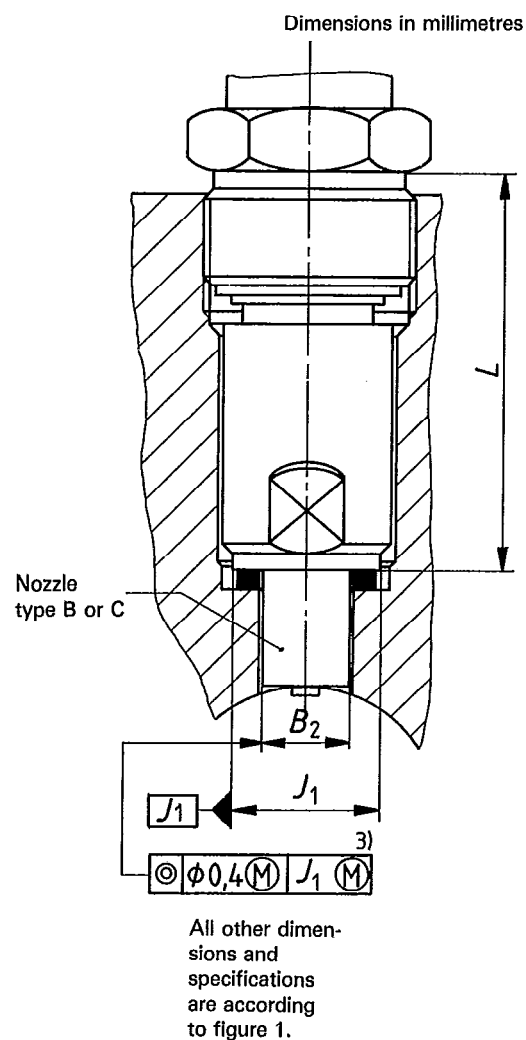


Figure 2 — Screw-mounted nozzle holder, type 13