



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS D 3632 : 1999

Road vehicles—
Shapes and dimensions of
fuel injection nozzle holders
for diesel engines—Size “P”

ICS 43.060.40

Descriptors : road vehicles, private cars, fuel injectors, holding devices, diesel engines

Reference number : JIS D 3632 : 1999 (E)

D 3632 : 1999

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS D 3632 : 1982** is replaced with **JIS D 3632 : 1999**.

In this revision of this time, the conformance to the corresponding International Standards is increased. The group of the corresponding International Standards are **ISO 3539 : 1975**, **ISO 7030 : 1987**, **ISO 9102 : 1997** and **ISO 9103 : 1987**.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

Date of Establishment: 1982-10-15

Date of Revision: 1999-05-20

Date of Public Notice in Official Gazette: 1999-05-20

Investigated by: Japanese Industrial Standards Committee

Divisional Council on Aircraft and
Automobiles

JIS D 3632:1999, First English edition published in 1999-09

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 1999

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

Road vehicles — Shapes and dimensions of fuel injection nozzle holders for diesel engines — Size “P”

Introduction This Japanese Industrial Standard has been made on the basis of the corresponding parts (nozzle holders for size “P” nozzle) in the corresponding International Standards shown in the Remarks of 1 without changing the technical contents.

Besides, to the nozzle holders for size “S” nozzle specified in ISO 7030, JIS D 3631 is corresponding.

1 Scope This Japanese Industrial Standard specifies the shapes and dimensions necessary for mounting and interchangeability of nozzle holders for size “P” fuel injection nozzle in diesel engines. The connections of fuel injection pipes and the locations of leak-off parts are not specified in this Standard, since they vary according to the particular engines.

Remarks : The following standards are the corresponding International Standards to this Standard :

- ISO 3539 : 1975 *Road vehicles — Injecton nozzle holder with body, types 8 and 10, and injection nozzle holder with fixing flats, types 9 and 11.*
- ISO 7030 : 1987 *Road vehicles — Screw-mounted injection nozzle holders, types 12, 13, 14, 15, 16, 17, 18 and 19.*
- ISO 9102 : 1997 *Diesel engines — Screw-in injecton nozzle holders, types 24, 25, 26 and 26.1.*
- ISO 9103 : 1987 *Road vehicles — Compression-ignition engines, Screw-in injection nozzle holder, type 23.*

2 Classification Nozzle holders shall be classified into the divisions given in Table 1 according to the mounting systems to cylinder head and the dimensions of nozzles applied.

Table 1

Unit : mm

Type of nozzle holder	Mounting system to cylinder head	Dimension of applied nozzle (B_2) (maximum)	No. of attached figure
8	Flange type	9.2	1
9	Clamp type		
10	Flange type	7.2	
11	Clamp type		
14	Screw type	9.2 ⁽¹⁾	2
15		(14.0c11) ⁽¹⁾	3
16		9.2	4
17		7.2	
18		9.2	5
19		7.2	
23		Screw-in type	7.2
24 ⁽²⁾	7		
25	8		
26	11.0		9
26.1			

Notes ⁽¹⁾ Applicable to size "S" nozzle.

⁽²⁾ Type 24 is heat shield built-in type.

3 Shapes and dimensions Shapes and dimensions of nozzle holders shall be as shown in Figures 1 to 9.

The dimensions of the shank L are preferred to be as given in Table 2.

Table 2

Unit : mm

Types of nozzle holder	$L \pm 0.8$
8, 9, 10 and 11	52, 67, 82, 97, 112
14	70 to 107 ⁽³⁾
15	55 to 90 ⁽³⁾
16 and 17	55 to 100 ⁽³⁾
18 and 19	62 to 107 ⁽³⁾
23	55 to 107 ⁽³⁾
24	3.5, 8 or 13
25	8 or 13
26 and 26.1	7

Note ⁽³⁾ The tolerance of ± 0.8 mm applies to the length selected actually.