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# INTERNATIONAL STANDARD



# 5062

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

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## Atomizing oil burners of the monobloc type – Dimensions for pumps

*Brûleurs à combustible liquide à pulvérisation de type monobloc – Dimensions pour pompes*

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**iTeh STANDARD PREVIEW**  
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[ISO 5062:1978](https://standards.iteh.ai/catalog/standards/sist/f7229630-1579-44d6-8143-30e70e16e0af/iso-5062-1978)

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UDC 662.941.2

Ref. No. ISO 5062-1978 (E)

**Descriptors** : pulverisation burners, liquid fuels, fuel pumps, dimensions.

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

International Standard ISO 5062 was developed by Technical Committee ISO/TC 109, *Oil burners and associated equipment*, and circulated to the member bodies in May 1977.

It has been approved by the member bodies of the following countries :

Australia	Egypt, Arab Rep. of	Spain
Belgium	France	Sweden
Bulgaria	Germany	Turkey
Canada	Mexico	United Kingdom
Czechoslovakia	Norway	Yugoslavia
Denmark	South Africa, Rep. of	

The member body of the following country expressed disapproval of the document on technical grounds :

Switzerland

# Atomizing oil burners of the monobloc type – Dimensions for pumps

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### 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions of connections and some dimensional characteristics of pumps for atomizing oil burners of the monobloc type.

*made on the threads – Part I : Designation, dimensions and tolerances.*<sup>1)</sup>

SAE<sup>2)</sup> Standard J476, *Dryseal pipe threads.*

### 2 REFERENCES

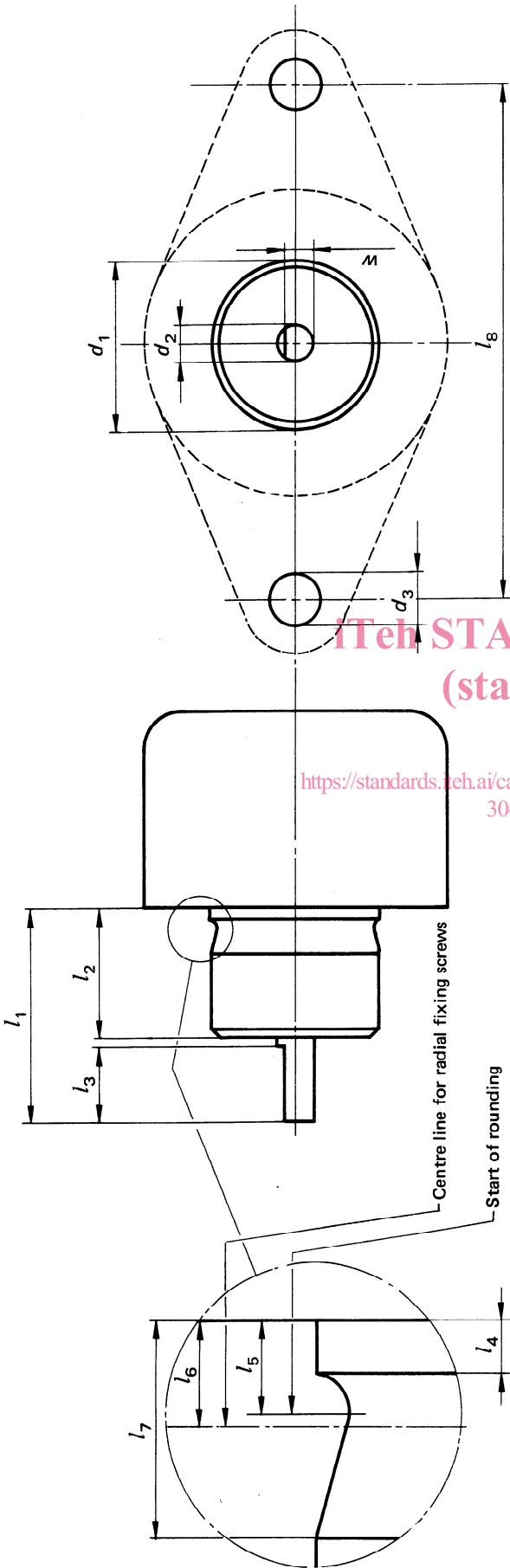
ISO 228/1, *Pipe threads where pressure-tight joints are not*

### 3 DIMENSIONS

Dimensions shall be as shown in the table overleaf.

1) At present at the stage of draft. (Revision of ISO/R 228-1961.)

2) Society of Automotive Engineers Inc., U.S.A.



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Size	Nozzle capacity kg/h	Dimensions, mm												
		$d_1$	$d_2$	$w$	$l_1$ without flange	$l_2$ max.	$l_3$ min.	$l_4$	$l_5$ max.	$l_6$	$l_7$	$d_3$	$l_1$ with flange	$l_8$
A	< 30	32 e9	8 h7	7 ± 0,05	42 ± 0,5	27	14	2,5 ± 0,5	5	6 ± 0,5	10 ± 1	10,5 + 0,5 0	42 + 0,5 - 6	92 ± 0,1
B	< 150	54 e9												
C	< 400		11,113 e7	10,1 ± 0,1	90 ± 1,5	50								

When the nozzle capacity exceeds 100 kg/h, it is recommended that pumps with flange mounting be used.

Recommended pipe connection threads for front surface jointing are : G 1/8, G 1/4, G 3/8 or G 1/2. The threads shall be in conformity with ISO 228/1. Provided that inlet connections are made for front surface jointing, the NPSF thread (Dryseal American Standard Fuel Internal Straight Pipe Thread) in conformity with SAE standard J476 may be used.

NOTES

1 Tolerances are to ISO/R 286, /ISO system for limits and fits.

2 ( $l_1 - l_2$ ) is to be greater than  $l_3$ .