

Specification for

Holes in dozer end bits for earth moving machinery

[ISO title: Earth-moving machinery — Dozer end bits — Hole
specification]

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Road Engineering Standards Committee (RDB/-) to Technical Committee RDB/21 upon which the following bodies were represented:

- Associated Offices Technical Committee
- Construction Industry Training Board
- Construction Plant-hire Association
- Department of Trade and Industry
- Federation of Civil Engineering Contractors
- Federation of Manufacturers of Construction Equipment and Cranes
- Health and Safety Executive
- Institution of Civil Engineers
- Institution of Highways and Transportation
- Ministry of Defence
- National Coal Board
- Trades Union Congress

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National foreword

This British Standard has been prepared under the direction of the Road Engineering Standards Committee and is identical with ISO 7891:1984 “*Earth-moving machinery — Dozer end bits — Hole specification*” published by the International Organization for Standardization (ISO).

ISO 7891 was produced as a result of international discussion in which the UK took an active part.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-references

International Standards	Corresponding British Standards
ISO 6747:1982	BS 6296:1982 <i>Glossary of terms for self-propelled crawler and wheel tractors and their equipment used for earth-moving</i> (Identical)
ISO 7129:1982	BS 6343:1983 <i>Specification for principal shapes and basic dimensions for cutting edges for tractors with dozer, graders and tractor scrapers</i> (Identical)

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope and field of application

This International Standard specifies the minimum requirements for the mounting bolt hole location and the shapes and dimensions of holes for mounting bolts in dozer end bits of earth-moving machinery, taking into consideration the interchangeability.

This International Standard applies to straight blades, angle blades, U-blades, and semi-U-blades.

2 References

ISO 6747, *Earth-moving machinery — Tractors — Terminology*.

ISO 7129, *Earth-moving machinery — Tractors with dozer, graders, tractor scrapers — Cutting edges — Principal shapes and basic dimensions*.

3 Definition

3.1

end bit

bit at both sides of the cutting edge of dozer blade (see Figure 1)

4 Hole location in end bits

4.1 The hole location in dozer end bits shall be as shown in Figure 2, Figure 3 and Figure 4.

4.2 Each hole countersink shall be located within 3,2 mm diameter of the true position circle.

4.3 Remarks concerning Figure 2, Figure 3 and Figure 4:

- a) each illustration shows a right-hand end bit, but does not specify the shape of the end bit;
- b) different shapes of end bit may be used to fit the types of blade (straight blade, semi-U-blade, etc.);
- c) this International Standard gives both integral and fractional dimensions, because dimensions widely used at present have been adopted.

