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# International Standard



# 7804

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

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## Commercial road vehicles — Side openings for truck power take-offs

*Véhicules routiers utilitaires — Fenêtre latérale pour prise de puissance sur camion*

First edition — 1985-11-01

Sample Document

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**Descriptors** : road vehicles, commercial road vehicles, power take-off, openings, classification, designation, dimensions.

## Foreword

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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 7804 was prepared by Technical Committee ISO/TC 22, *Road vehicles*.

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# Commercial road vehicles — Side openings for truck power take-offs

## Sample Document

### 1 Scope and field of application

This International Standard lays down the dimensions of side openings for truck power take-offs. These specifications are applicable for all general installations of power take-offs on the transmission gear box of trucks and tractors where the size of the transmission permits.

### 2 Definition

**gear depth** : Distance from transmission face to pitch line of power take-off drive gear.

### 3 Specifications

#### 3.1 Types

This International Standard defines two types of side opening :

- Type R : regular duty type, 6 bolts M10
- Type H : heavy duty type, 8 bolts M12

Both types are specified with two alternative gear depths and subdivided accordingly.

#### 3.2 Type R

Type R shall have one of the following gear depths :

- Type R1 :  $20 \pm 10$  mm
- Type R2 :  $70 \pm 10$  mm

Type R1 shall comply with the requirements of figure 1.

Type R2 shall comply with the additional requirements of figure 2.

#### 3.3 Type H

Type H shall have one of the following gear depths :

- Type H1 :  $14 \pm 10$  mm
- Type H2 :  $64 \pm 10$  mm

Types H1 and H2 shall comply with the requirements of figure 3.

### 4 Designation

Example for the designation of a 6 bolt M10 side opening (type R) with gear depth  $20 \pm 10$  mm (code 1) :

**PTO opening ISO 7804-R1**