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**Assembly tools for screws and nuts —  
Screwdrivers for cross-recessed head  
screws —**

**Part 1:  
Driver points**

*Outils de manœuvre pour vis et écrous — Tournevis pour vis à empreinte  
cruciforme —*

*Partie 1: Extrémités de tournevis*



<b>Contents</b>	<b>Page</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Shapes and dimensions</b> .....	<b>1</b>
<b>4 Technical requirements</b> .....	<b>5</b>
<b>4.1 Material</b> .....	<b>5</b>
<b>4.2 Heat treatment and hardness</b> .....	<b>5</b>
<b>4.3 Finish</b> .....	<b>5</b>
<b>5 Inspection of dimensions</b> .....	<b>5</b>
<b>5.1 Inspection gauges for type PH points</b> .....	<b>5</b>
<b>5.2 Inspection gauges for type PZ points</b> .....	<b>7</b>
<b>6 Torque test</b> .....	<b>9</b>
<b>Annex A (informative) Explanation of choice of gauge dimensions for type PH points</b> .....	<b>12</b>
<b>Annex B (informative) "Reading guide" for inspection gauges for type PZ points</b> .....	<b>13</b>

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## 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8764-1 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 10, *Assembly tools for screws and nuts, pliers and nippers*.

This second edition cancels and replaces the first edition (ISO 8764-1:1992) in which information on points and gauges for type PZ points has been technically revised.

ISO 8764 consists of the following parts, under the general title *Assembly tools for screws and nut — Screwdrivers for cross-recessed head screws*:

- *Part 1: Driver points*
- *Part 2: General requirements, lengths of blades and marking of hand-operated screwdrivers*

Annexes A and B of this part of ISO 8764 are for information only.

## Introduction

The revision of the pictorial representation established in this part of ISO 8764, both of the point and of the gauge of type PZ, was necessary in order to achieve the best possible representation and to eliminate different interpretations.

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# Assembly tools for screws and nuts — Screwdrivers for cross-recessed head screws —

## Part 1: Driver points

### 1 Scope

This part of ISO 8764 specifies the shapes and dimensions, the technical requirements and torque test methods for the points of hand drivers and of machine-operated bits for cross-recessed head screws.

This part of ISO 8764 specifies two types of driver points as follows:

- type PH for type H recesses;
- type PZ for type Z recesses.

H and Z type recesses are specified in ISO 4757.

General requirements, lengths of blades and marking of hand-operated screwdrivers are given in ISO 8764-2.

### 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 8764. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 8764 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 4757:1983, *Cross recesses for screws*.

ISO 8764-2:1992, *Screwdrivers for cross-recessed head screws — Part 2: General requirements, lengths of blades and marking of hand-operated screwdrivers*.

### 3 Shapes and dimensions

The shapes and dimensions of the points shall conform with the requirements given in Figure 1 and Table 1 for type PH and Figure 2 and Table 2 for type PZ.

The axis of the point shall be concentric with the axis of the tool.

When a plated finish is used, the dimensions shall be met after plating.