International

ISO 7801

Metallic materials — Wire — Reverse bend test

Matériaux métalliques — Fils — Essai de pliage alterné

Second edition
2024-11

Reference number
ISO 7801:2024(en)

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals,* Subcommittee SC 2, *Ductility testing.*

This second edition cancels and replaces the first edition (ISO 7801:1984), which has been technically revised.

The main changes are as follows:

— symbols for typical shaped wires have been added;

— examples of the cross-section of round wire, shaped wire and clad wire are shown in Figure 1;

— Table 1 has been adjusted to include the limits of the diameter and the symbol, *y,* of distance and tolerance;

— the rule of tensile force for reverse bend test has been updated;

— the definition of test ending criterion has been changed for ease of application;

— Annex A has been added to provide information on the testing cylindrical support radius for shaped wires;

— Annex B has been added to provide information on devices applying force to test pieces.

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