
**Hand-held portable power tools —
Measurement of vibrations at the handle —
Part 10:
Nibblers and shears**

Machines à moteur portatives — Mesurage des vibrations au niveau des poignées —

Partie 10: Grignoteuses et cisailles



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International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

Printed in Switzerland

Foreword

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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 8662-10 was prepared by Technical Committee ISO/TC 118, *Compressors, pneumatic tools and pneumatic machines*, Subcommittee SC 3, *Pneumatic tools and machines*.

ISO 8662 consists of the following parts, under the general title *Hand-held portable power tools — Measurement of vibrations at the handle*:

- *Part 1: General*
- *Part 2: Chipping hammers and riveting hammers*
- *Part 3: Rock drills and rotary hammers*
- *Part 4: Grinders*
- *Part 5: Pavement breakers and hammers for construction work*
- *Part 6: Impact drills*
- *Part 7: Wrenches, screwdrivers and nut runners with impact, impulse or ratchet action*
- *Part 8: Polishers and rotary, orbital or random sanders*

- *Part 9: Rammers*
- *Part 10: Nibblers and shears*
- *Part 11: Fastener driving tools (nailers)*
- *Part 12: Saws and files with reciprocating action and saws with oscillating or rotating action*
- *Part 13: Die grinders*
- *Part 14: Stone-working tools and needle scalers*

Annex A of this part of ISO 8662 is for information only.

Introduction

This part of ISO 8662 specifies how a type test for the measurement of vibrations at the handles of nibblers and shears shall be performed. It supplements ISO 8662-1, which gives the general specifications for the measurement of vibrations at the handle of hand-held power tools. It specifies the operation of the power tool under type test and other requirements for the performance of the type test.

Nibblers and shears are used for cutting metal sheets. The principle of operation of the nibbler or the shear is that energy from a motor is transmitted to a mechanism causing a reciprocating motion. For the nibbler, a punch is driven through a die for cutting metal sheet or other material, and for the shears, a pair of metal blades cuts the sheet.

Nibblers and shears may be electrically, pneumatically or hydraulically driven.