

# ISO 11148-6:2010-10 (E)

## Hand-held non-electric power tools - Safety requirements - Part 6: Assembly power tools for threaded fasteners

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>2</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
3.1	General definitions .....	2
3.2	Definitions related to assembly power tools for threaded fasteners .....	4
<b>4</b>	<b>Safety requirements and/or protective measures .....</b>	<b>5</b>
4.1	General .....	5
4.2	Mechanical safety .....	5
4.3	Thermal safety .....	6
4.4	Noise .....	6
4.5	Vibration .....	7
4.6	Materials and substances processed, used or exhausted .....	7
4.7	Ergonomics .....	8
4.8	Controls .....	10
<b>5</b>	<b>Verification .....</b>	<b>11</b>
5.1	General conditions for tests .....	11
5.2	Noise .....	11
5.3	Vibration .....	11
5.4	Unintentional start .....	11
5.5	Power tool construction .....	11
5.6	Structure of verification of safety requirements .....	12
<b>6</b>	<b>Information for use .....</b>	<b>13</b>
6.1	Marking, signs and written warnings .....	13
6.2	Instruction handbook .....	13
6.3	Operating instructions .....	19
6.4	Data .....	19
6.5	Maintenance instructions .....	20
<b>Annex A (informative)</b>	<b>List of significant hazards .....</b>	<b>21</b>
<b>Annex B (informative)</b>	<b>Examples of assembly power tools for threaded fasteners covered by this</b>	
<b>Annex C (normative)</b>	<b>Symbols for labels and signs .....</b>	<b>25</b>
<b>Annex D (normative)</b>	<b>Additional safety requirements related to internal combustion engine power tools .....</b>	<b>27</b>
<b>Bibliography .....</b>		<b>31</b>