

# DIN ISO 1711-1:2021-02 (E)

## Assembly tools for screws and nuts - Technical specifications - Part 1: Hand-operated wrenches and sockets (ISO 1711-1:2019)

---

<b>Contents</b>		<b>Page</b>
National foreword .....		3
National Annex NA (informative) <b>Bibliography</b> .....		4
<b>Foreword</b> .....		5
<b>1</b>	<b>Scope</b> .....	6
<b>2</b>	<b>Normative references</b> .....	6
<b>3</b>	<b>Terms and definitions</b> .....	6
<b>4</b>	<b>Requirements</b> .....	7
	4.1 General .....	7
	4.2 Test torsion torques .....	7
	4.3 Hardness testing .....	7
<b>5</b>	<b>Torque testing</b> .....	7
	5.1 General .....	7
	5.2 Method .....	8
	5.3 Test of box wrenches or open jaw wrenches .....	8
	5.4 Test of socket wrenches .....	9
	5.5 Test of hand-operated square drive sockets .....	9
<b>Bibliography</b> .....		<b>11</b>