

# DIN ISO 3089:2010-11 (E)

## Machine tools - Test conditions for self-centring, manually-operated chucks with one-piece jaws (ISO 3089:2005)

---

<b>Contents</b>		<b>Page</b>
National foreword .....		3
National Annex NA (informative) Bibliography .....		3
1	Scope .....	4
2	Normative references .....	4
3	Preliminary remarks .....	4
4	Accuracy classes .....	4
5	Geometric tests .....	4
5.1	Master pinion .....	4
5.2	Input torque .....	4
5.3	Test mandrels .....	5
5.4	Test rings .....	5
5.4.1	General .....	5
5.4.2	Accuracy of the test rings for external jaws .....	5
5.4.3	Accuracy of the test rings for internal jaws .....	5
5.5	Spindle or face plate accuracy .....	5
5.6	Chuck accuracy .....	8
Bibliography .....		15