

DIN ISO 3442-3:2010-08 (E)

Machine tools - Dimensions and geometric tests for self-centring chucks with two-piece jaws - Part 3: Power-operated chucks with serrated jaws (ISO 3442-3:2007)

Contents		Page
National foreword		3
National Annex NA (informative) Bibliography		3
1	Scope	4
2	Normative references	4
3	Preliminary remarks	4
3.1	Measuring units	4
3.2	Geometric tests	4
3.3	Tests to be performed	4
5	Sizes for interchangeability	5
5.1	90° serrations -- Dimensions	5
5.2	90° serrations -- Permissible cumulative pitch deviation	5
5.3	60° serrations -- Dimensions	6
5.4	60° serrations -- Permissible cumulative pitch deviation	6
5.5	Jaw nuts -- Dimensions	7
6	Geometric tests	8
6.1	Test mandrels	8
6.2	Spindle or face plate accuracy	8
6.3	Chuck body accuracy	8
6.4	Test with test top jaws (hard jaws)	8
6.5	Tests with machined top jaws	9
6.6	Tests off-the-spindle	9
6.7	Chuck accuracy	12
S	4 Accuracy classes	4