

ISO 230-4:2005-04 (E)

Test code for machine tools - Part 4: Circular tests for numerically controlled machine tools

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Test conditions	4
4.1	Test environment	4
4.2	Machine to be tested	4
4.3	Machine warm-up	4
4.4	Test parameters	5
4.5	Test instrument calibration	5
4.6	Test uncertainty	5
5	Test procedure	6
6	Presentation of results	6
7	Points to be agreed between supplier/manufacturer and user	6
Annex A (informative) Differences between circular deviations G and G(b) and radial deviations F and D		9
Annex B (informative) Influences of typical machine deviations on circular paths		10
Annex C (informative) Adjustment of diameter and contouring feed		15
Annex D (informative) Circular tests using feedback signal		16
Bibliography		17