

ISO 10791-5:1998-03 (E)

Test conditions for machining centres - Part 5: Accuracy and repeatability of positioning of work-holding pallets

Contents		Page
1	Scope	1
2	Normative references	1
3	Preliminary remarks	2
3.1	Measuring units	2
3.2	Reference to ISO 230-1 and ISO 230-2	2
3.3	Axes coding	2
3.4	Tests to be performed	2
3.5	Measuring instruments	3
4	Repeatability of positioning of individual pallets on the machine	3
4.1	Location of instruments	3
4.2	Measurement procedure	3
4.3	Formulae for calculating the deviations from individual readings	4
4.4	Tolerances	4
4.5	Checking and measuring instruments	4
4.6	Reference to ISO 230-2	5
4.7	Measured deviations	5
5	Positioning accuracy of a batch of pallets relative to a pallet receiver	6
5.1	Location of instruments	6
5.2	Formulae for calculating the deviations from individual readings	6
5.3	Tolerances	6
5.4	Checking and measuring instruments	6
5.5	Reference to ISO 230-2	6
5.6	Measured deviations	6
	Annex A (informative) Bibliography	8