

ISO 1701-2:2004-08 (E)

Test conditions for milling machines with table of variable height - Testing of accuracy - Part 2: Machines with vertical spindle

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terminology, designation of axes and milling operations	1
3.1	Terminology and designation of axes	1
3.2	Milling operations	4
3.3	Description of machines	4
4	Preliminary remarks	5
4.1	Measuring units	5
4.2	Reference to ISO 230-1	5
4.3	Testing sequence	5
4.4	Tests to be performed	5
4.5	Measuring instruments	5
4.6	Machining tests	6
4.7	Minimum tolerance	6
5	Geometric tests	7
5.1	Axes of motion	7
5.2	Table	10
5.3	Spindle	16
6	Machining tests	19
Annex A (informative)	Equivalent terms in German, Italian, Dutch, Spanish and Swedish, corresponding to Figure 1	20
Annex B (informative)	Equivalent terms in German, Italian, Dutch, Spanish and Swedish, corresponding to Figure 2	21
Bibliography		22