

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