DIN EN 1729-1:2016-02 (E)

Furniture - Chairs and tables for educational institutions - Part 1: Functional dimensions

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Functional dimensions for chairs and tables 9

5 Marking 10

6 Instructions 10

7 Approval of range 11

Annex A (normative) Functional dimensions for chairs with slopes between -5° and +7° and associated tables 12

A.1 Functional dimensions and size marks for chairs 12
A.2 Functional dimensions and size marks for tables 19
A.3 Legroom 20
A.4 Requirements for adjustable chairs and tables 20

Annex B (normative) Functional dimensions for high chairs with double-sloped seats and associated tables 22

B.1 Functional dimensions and size marks for chairs 22
B.2 Functional dimensions and size marks for tables 28
B.3 Legroom 29
B.4 Requirements for adjustable high chairs with double-sloped seats and tables 30

Annex C (normative) Functional dimensions for standing-height tables 31

Annex D (normative) Functional dimensions for tall chairs with slopes between -5° and +7° and associated tables 33

D.1 Functional dimensions and size marks for chairs 33
D.2 Functional dimensions and size marks for tables 39
D.3 Legroom 41
D.4 Requirements for adjustable tall chairs 42

Annex E (normative) Functional dimensions for stools and associated worksurfaces 43

E.1 Functional dimensions for stools 43
E.2 Functional dimensions for corresponding worksurface height 45

Annex F (normative) Determination of Point S, buttock zone, seat height, seat angles, seat depth and armrest height 47

F.1 The school chair measuring device (SCMD) 47
F.2 Using the SCMD 49

Annex G (informative) Guidance for the calculation of the height of adjustable chairs and tables in Annex A, Annex B and Annex D 56

Annex H (informative) Guidance for the calculation of the height of chairs and tables in Annex B ... 57

Annex I (informative) Rationale 59

Bibliography 70