DIN EN 754-7:2016-10 (E)

Aluminium and aluminium alloys - Cold drawn rod/bar and tube - Part 7: Seamless tubes, tolerances on dimensions and form

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 5

3 Tolerances on dimensions 5
3.1 General 5
3.2 Diameter - Round tube 5
3.3 Width, depth or width across flats - squares, rectangles, hexagons, octagons 6
3.4 Wall thickness variation (eccentricity) 7
3.5 Length 8
3.6 Squareness of cut ends 9

4 Tolerances on form 9
4.1 General 9
4.2 Straightness 9
4.3 Convexity-Concavity 10
4.4 Twist 11
4.5 Angularity 12
4.6 Corner and fillet radii 13
4.7 Depth of dents for round tube 13

Annex A (informative) Wall thickness variation (eccentricity) 14

A.1 General 14
A.2 Specifying round tube sizes and tolerances 14

Bibliography 16