

DIN EN 603-3:2021-11 (E)

Aluminium and aluminium alloys - Wrought forging stock - Part 3: Tolerances on dimensions and form

Contents

Page

European foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Dimensional ranges	5
5 Alloys	5
5.1 Chemical composition	5
5.2 Alloy groups	5
6 Tolerances on dimensions and form	6
6.1 General	6
6.2 Extruded round bar	7
6.2.1 Diameter	7
6.2.2 Ovality	7
6.2.3 Length	8
6.2.4 Perpendicularity of cut ends	8
6.2.5 Straightness	8
6.3 Extruded square bar	9
6.3.1 Width across flats	9
6.3.2 Corner radius	10
6.3.3 Perpendicularity	11
6.3.4 Convexity - concavity	12
6.3.5 Straightness	12
6.3.6 Twist	13
6.3.7 Length	14
6.3.8 Perpendicularity of cut ends	14
6.4 Extruded rectangular bar	15
6.4.1 Thickness and width	15
6.4.2 Corner radius	18
6.4.3 Perpendicularity	18
6.4.4 Convexity - concavity	19
6.4.5 Straightness	20
6.4.6 Twist	21
6.4.7 Length	22
6.4.8 Perpendicularity of cut ends	23
6.5 Hot rolled plate	23
6.5.1 Thickness	23
6.5.2 Length and width	23
6.5.3 Perpendicularity	24
6.5.4 Flatness and lateral curvature	25
Bibliography	26