

DIN EN 755-8:2016-10 (E)

Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 8: Porthole 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	14
Annex A (informative) Wall thickness variation (eccentricity)		15
A.1	General	15
A.2	Specifying round tube sizes and tolerances	15
A.2.1	General	15
A.2.2	Wall thickness variation for tubes specified as OD × t or ID × t	15
A.2.3	Wall thickness variation for tubes specified as OD × ID	16
Bibliography		17