

DIN EN 13411-9:2021-11 (E)

Terminations for steel wire ropes - Safety - Part 9: Solid thimbles

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	List of hazards	5
5	Safety requirements and/or protective measures	5
5.1	Material	5
5.2	Design	5
5.3	Type testing	6
5.3.1	General	6
5.3.2	Sampling	6
5.3.3	Tensile test	6
5.3.4	Fatigue test	6
6	Verification of the safety requirements	6
6.1	Qualification of personnel	6
6.2	Type testing	7
6.2.1	Tensile test	7
6.2.2	Fatigue test	7
6.3	Material	7
6.4	Design	7
7	Reusability	7
8	User information	8
8.1	Marking	8
8.2	Test certificate	8
Annex A (normative) Dimensions		9
Annex B (informative) Specification for one design of a solid thimble		11
Annex C (informative) Specification for another design of a solid thimble		15
Bibliography		19