


DIN EN 13089:2022-02 (E)

Mountaineering equipment - Ice-tools - Safety requirements and test methods (includes Amendment :2021)

Contents	Page
European foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Safety requirements.....	6
4.1 Edges.....	6
4.2 Shaft strength	6
4.3 Strength in the load direction YY.....	6
4.4 Strength in the load direction XX	6
4.5 Pick strength.....	7
5 Test methods	7
5.1 Preparation of test samples	7
5.2 Apparatus.....	7
5.3 Procedure.....	7
5.3.1 Test sample	7
5.3.2 Edges.....	8
5.3.3 Shaft strength	8
5.3.4 Strength in the load direction YY.....	9
5.3.5 Strength in the load direction XX	9
5.3.6 Pick strength.....	10
6 Marking.....	11
7 Information to be supplied by the manufacturer	12
Annex A (informative) Standards on mountaineering equipment	13
Annex ZA (informative)  Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 aimed to be covered.....	15