

# DIN EN ISO 19957:2021-12 (E)

## Footwear - Test methods for heels - Heel pin holding strength (ISO 19957:2021)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Foreword .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Apparatus and material .....	5
5	Sampling and preparation .....	6
5.1	Number of test specimens .....	6
5.2	Preparation .....	6
5.2.1	To measure heel pin holding properties of heel materials .....	6
5.2.2	To test a made shoe .....	7
5.2.3	Attachment to tensile testing machine .....	7
6	Test method .....	8
6.1	Principle .....	8
6.2	Procedure .....	8
7	Expression of results .....	10
7.1	Heel pin holding strength of the heel material .....	10
7.2	Average depth of pin penetration .....	10
7.3	Heel nailing of commercial production .....	10
8	Test report .....	10