

## DIN EN ISO 20345



ICS 13.340.50

Supersedes  
DIN EN ISO 20345:2007-12

**Personal protective equipment –  
Safety footwear (ISO 20345:2011)  
English translation of DIN EN ISO 20345:2012-04**

Persönliche Schutzausrüstung –  
Sicherheitsschuhe (ISO 20345:2011)  
Englische Übersetzung von DIN EN ISO 20345:2012-04  
Équipement de protection individuelle –  
Chaussures de sécurité (ISO 20345:2011)  
Traduction anglaise de DIN EN ISO 20345:2012-04

Document comprises 39 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



*A comma is used as the decimal marker.*

## National foreword

This standard has been prepared by Technical Committee CEN/TC 161 “Foot and leg protectors” (Secretariat: BSI, United Kingdom) in collaboration with Technical Committee ISO/TC 94 “Personal safety — Protective clothing and equipment”, SC3 “Foot protection”.

The responsible German body involved in its preparation was the *Normenausschuss Persönliche Schutzausrüstung* (Personal Protective Equipment Standards Committee), Working Committee NA 075-04-01 AA *Fuß- und Beinschutz*.

The DIN Standards corresponding to the International Standards referred to in this document are as follows:

ISO 17075	DIN EN ISO 17075
ISO 19952	DIN EN ISO 19952
ISO 20344	DIN EN ISO 20344

## Amendments

This standard differs from DIN EN ISO 20345:2007-12 as follows:

- a) normative references have been updated;
- b) the terms “full grain leather” and “corrected grain leather” have been deleted;
- c) in the German version, the term 3.4 *polymerische Materialien* has been replaced by *Polymerwerkstoffe*;
- d) in Subclauses 3.14 and 3.15, a reference to the test in accordance with ISO 20344 has been included;
- e) Subclause 3.19 “Hybrid footwear” has been included;
- f) in Clause 4, a reference to other materials and requirements in accordance with the new Annex A “Hybrid footwear” has been included;
- g) slip resistance requirements have been moved from Annex A to Clause 5;
- h) in 5.3.2 “Toe protection” a reference to EN 12568:2010 has been included;
- i) requirements for the thickness of outsoles and the cleat height have been added;
- j) requirements relating to 5.8.4 “Flexing resistance” or spontaneous cracks have been added;
- k) in 6.2.2.3, a reference to EN 50321 has been included;
- l) in Clause 7, marking categories of safety hybrid footwear have been included;
- m) a new Annex A “Hybrid footwear” has been included;
- n) the requirements for the information to be supplied regarding electrically insulation footwear have been deleted

## Previous editions

DIN EN ISO 20345: 2004-10, 2007-12  
DIN EN ISO 20345 Corrigendum 1: 2007-08

## **National Annex NA** (informative)

### **Bibliography**

DIN EN ISO 17075, *Leather — Chemical tests — Determination of chromium(VI) content*

DIN EN ISO 19952, *Footwear — Vocabulary*

DIN EN ISO 20344, *Personal protective equipment — Test methods for footwear*

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