
Baker in bakrove zlitine - Valjane, narebričene, nevarjene cevi za toplotne izmenjevalnike

Copper and copper alloys - Rolled, finned, seamless tubes for heat exchangers

Kupfer und Kupferlegierungen - Nahtlose, gewalzte Rippenrohre für Wärmeaustauscher

Cuivre et alliages de cuivre - Tubes sans soudure à ailettes pour échangeurs thermiques

Ta slovenski standard je istoveten z: prEN 12452

ICS:

23.040.15	Cevi iz neželeznih kovin	Non-ferrous metal pipes
77.150.30	Bakreni izdelki	Copper products

oSIST prEN 12452:2026**en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 12452

August 2026

ICS 23.040.15; 77.150.30

Will supersede EN 12452:2012

English Version

**Copper and copper alloys - Rolled, finned, seamless tubes
for heat exchangers**

Cuivre et alliages de cuivre - Tubes sans soudure à
ailettes pour échangeurs thermiques

Kupfer und Kupferlegierungen - Nahtlose, gewalzte
Rippenrohre für Wärmeaustauscher

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 133.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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prEN 12452:2026 (E)**European foreword**

This document (prEN 12452:2026) has been prepared by Technical Committee CEN/TC 133 “Copper and copper alloys”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 12452:2012.

This document includes the following significant technical changes with respect to EN 12452:2012:

- Normative references updated;
- Directive 97/23/EC replaced by 2014/68/EU;
- modifications due to PED Standardization Request;
- EN 1655 replaced by EN ISO/IEC 17050-1:2010 and EN ISO/IEC 17050-2:2004;
- Scope – wall thickness range extended to 3,5 mm and fin height range extended to 4,5 mm;
- 6.3.2 amended;
- 6.3.5: Tolerances of unfinned sections increased;
- Table 2: Material condition R290 added;
- Table 3: “fin diameter” added to the title of the table;
- Table 5: fin pitch numbers modified;
- A.1.3 amended;
- A.1.4: test frequency range modified.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

This is one of a series of European Standards for copper and copper alloy tubes. Other products are specified as follows:

- EN 1057, *Copper and copper alloys — Seamless, round copper tubes for water and gas in sanitary and heating applications*
- EN 12449, *Copper and copper alloys — Seamless, round tubes for general purposes*
- EN 12450, *Copper and copper alloys — Seamless, round copper capillary tubes*
- EN 12451, *Copper and copper alloys — Seamless, round tubes for heat exchangers*

- EN 12735-1, *Copper and copper alloys — Seamless, round copper tubes for air conditioning and refrigeration — Part 1: Tubes for piping systems*
- EN 12735-2, *Copper and copper alloys — Seamless, round tubes for air conditioning and refrigeration — Part 2: Tubes for equipment*
- EN 13348, *Copper and copper alloys — Seamless, round copper tubes for medical gases or vacuum*
- EN 13349, *Copper and copper alloys — Pre-insulated copper tubes with solid covering*
- EN 13600, *Copper and copper alloys — Seamless copper tubes for electrical purposes*

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