

STN	Hadicové koncovky s prípojkou Časť 2: Hadicové polovičné diely hadicových koncoviek	STN EN 14420-2 63 5450
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Hose fittings with clamp units - Part 2: Hose side parts of hose tail

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/22

Obsahuje: EN 14420-2:2022

Oznámením tejto normy sa ruší
STN EN 14420-2 (63 5450) z novembra 2013

135830

EUROPEAN STANDARD

EN 14420-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2022

ICS 23.040.70

Supersedes EN 14420-2:2013

English Version

Hose fittings with clamp units - Part 2: Hose side parts of hose tail

Raccords pour flexibles avec demi-coquille - Partie 2 :
Douilles pour flexibles

Schlaucharmaturen mit Klemmfassungen - Teil 2:
Schlauchseitige Stutzenteile

This European Standard was approved by CEN on 24 July 2022.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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EN 14420-2:2022 (E)

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European foreword

This document (EN 14420-2:2022) has been prepared by Technical Committee CEN/TC 218 “Rubber and plastics hoses and hose assemblies”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2023, and conflicting national standards shall be withdrawn at the latest by February 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 14420-2:2013.

In comparison to EN 14420-2:2013, the following changes have been made:

- In Clause 2 the normative references have been updated;
- In Clause 4, Table 1, for nominal size 100, the value of l_1 has been changed from 96 mm to 106 mm.

The EN 14420 series, *Hose fittings with clamp units*, consists of the following parts:

- *Part 1: Requirements, types of fixing and connection, designation and testing*
- *Part 2: Hose side parts of hose tail*
- *Part 3: Clamp units, bolted or pinned*
- *Part 4: Flange connections*
- *Part 5: Threaded connections*
- *Part 6: TW tank truck couplings*
- *Part 7: Cam locking couplings*
- *Part 8: Symmetrical half coupling (Guillemin system)*

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 14420-2:2022 (E)**1 Scope**

This document specifies requirements for the hose tail of hose fittings according to EN 14420-1 for use with clamp units according to EN 14420-3. Furthermore, it specifies materials for hose fittings with clamp units according to EN 14420-4 to EN 14420-8.

Maximum working pressure is 25 bar¹; maximum working temperature is 65 °C.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 755-2, *Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 2: Mechanical properties*

EN 1706, *Aluminium and aluminium alloys - Castings - Chemical composition and mechanical properties*

EN 1982, *Copper and copper alloys - Ingots and castings*

EN 10025-2, *Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels*

EN 10088-1, *Stainless steels - Part 1: List of stainless steels*

EN 10213, *Steel castings for pressure purposes*

EN 10217-1, *Welded steel tubes for pressure purposes - Technical delivery conditions - Part 1: Electric welded and submerged arc welded non-alloy steel tubes with specified room temperature properties*

EN 10283, *Corrosion resistant steel castings*

EN 12420, *Copper and copper alloys - Forgings*

EN 14420-1:2013, *Hose fittings with clamp units - Part 1: Requirements, types of fixing and connection, designation and testing*

EN 14420-4, *Hose fittings with clamp units - Part 4: Flange connections*

EN 14420-5, *Hose fittings with clamp units - Part 5: Threaded connections*

EN 14420-6, *Hose fittings with clamp units - Part 6: TW tank truck couplings*

EN 14420-7, *Hose fittings with clamp units - Part 7: Cam locking couplings*

EN 14420-8, *Hose fittings with clamp units - Part 8: Symmetrical half coupling (Guillemin system)*

EN ISO 683-4, *Heat-treatable steels, alloy steels and free-cutting steels - Part 4: Free-cutting steels (ISO 683-4)*

EN ISO 8330, *Rubber and plastics hoses and hose assemblies - Vocabulary (ISO 8330)*

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