

Hose fittings with clamp units - Part 2: Hose side parts of hose shank - Dimensions and types

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14420-2:2005 sisaldab Euroopa standardi EN 14420-2:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 25.01.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14420-2:2005 consists of the English text of the European standard EN 14420-2:2004.</p> <p>This document is endorsed on 25.01.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies requirements for the hose shank of hose fittings for use with clamp units according to EN 14420-3</p>	<p>Scope: This European Standard specifies requirements for the hose shank of hose fittings for use with clamp units according to EN 14420-3</p>
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ICS 23.040.70

Võtmesõnad: fluid equipment, gauges, hose clips, hose connectors, hose fittings, hydraulic equipment, marking, materials, measurement, pipe connections, pipe fittings, pipelines, specification (approval), specifications, testing, tolerances, tolerances (measurement), valves

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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 30 September 2004.

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Foreword

This document (EN 14420-2:2004) 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of an identical text or by endorsement, at the latest by May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

EN 14420 consists at the time of publication of the following parts:

EN 14420-1, *Hose fittings with clamp units — Part 1: Requirements, survey, designation and testing*

EN 14420-2, *Hose fittings with clamp units — Part 2: Hose side parts of hose tail*

EN 14420-3, *Hose fittings with clamp units — Part 3: Clamp units, bolted or pinned*

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)*

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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.

Maximum working pressure 25 bar, maximum working temperature 65 °C.

2 Normative references

The following referenced documents are indispensable for the application 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 1982, *Copper and copper alloys — Ingots and castings*

EN 10025, *Hot rolled products of non-alloy structural steels — Technical delivery conditions*

EN 10087, *Free-cutting steels — Technical delivery conditions for semi-finished products, hot-rolled bars and rods*

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

EN 10213-4, *Technical delivery conditions for steel castings for pressure purposes — Part 4: Austenitic and austenitic-ferritic steel grades*

EN 10283, *Corrosion resistant steel castings*

EN 12420, *Copper and copper alloys — Forgings*

EN ISO 4287, *Geometrical product specifications (GPS) — Surface texture: Profile method — Terms, definitions and surface texture parameters (ISO 4287:1997)*

3 Requirements

3.1 Dimensions

Types shall be chosen by the manufacturer depending on the manufacturing process. Details not specified in this document are at the discretion of the manufacturer appropriately.

Grooves are admissible on the outside surface of tails Type A, Type B or Type C, provided that their outside diameter is not less than d_4 (see Type B).

Serration is admissible on the outside surface of tails of Type A and Type B of nominal size DN 15 to DN 80, whose outside diameter shall not exceed d_5 (see Type B). For nominal sizes DN 100 to DN 200 serrations are admissible with outside diameter not more than 2,2 mm above d_6 .

Grooves and ribs should be manufactured without sharp edges.