



NSAI
Standards

Irish Standard
I.S. EN 14420-8:2013+A1:2016

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

I.S. EN 14420-8:2013+A1:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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National Foreword

I.S. EN 14420-8:2013+A1:2016 is the adopted Irish version of the European Document EN 14420-8:2013+A1:2016, Hose fittings with clamp units - Part 8: Symmetrical half coupling (Guillemin system)

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EUROPEAN STANDARD

EN 14420-8:2013+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 14420-8:2013

English Version

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

Raccords pour flexibles avec demi-coquille - Partie 8:
Demi raccords symétriques (système Guillemin)

Schlaucharmaturen mit Klemmfassungen - Teil 8:
Symmetrische Kupplungen (System Guillemin)

This European Standard was approved by CEN on 15 May 2013 and includes Amendment 1 approved by CEN on 7 December 2015.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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European foreword

This document (EN 14420-8:2013+A1:2016) 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of an identical text or by endorsement, at the latest by August 2016, and conflicting national standards shall be withdrawn at the latest by August 2016.

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

This document includes Amendment 1 approved by CEN on 2015-12-07.

This document supersedes A1 EN 14420-8:2013 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

A1 *deleted text* A1

EN 14420, *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)*

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EN 14420-8:2013+A1:2016 (E)**1 Scope**

This European Standard specifies dimensions, types of connections, quality of materials, marking requirements and testing requirements for hose fittings with symmetrical half couplings (Guillemin system), with mobile locking ring, for hose assemblies with a maximum working pressure of up to 10 bar¹⁾ with hose tails according to EN 14420-2 and clamp units according to EN 14420-3. Couplings in accordance with this document serve as link between hoses and connections to transport liquids, solids (e.g. powders, granules) except steam and liquid gas. The working temperature range is –20 °C up to +65 °C.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 573-3, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 3: Chemical composition and form of products*

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

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

EN 10083-2, *Steels for quenching and tempering — Part 2: Technical delivery conditions for non alloy steels*

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

EN 10213 *Steel castings for pressure purposes*

EN 14420-1:2013, *Hose fittings with clamp units — Part 1: Requirements, types of fixing and connection, 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 22768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1)*

EN 22768-2, *General tolerances — Part 2: Geometrical tolerances for features without individual tolerance indications (ISO 2768-2)*

EN ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation (ISO 228-1)*

¹⁾ 1 bar = 0,1 MPa.

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