
Cevni fittingi z objemkami - 7. del: Spojke z vzvodno ročico

Hose fittings with clamp units - Part 7: Cam locking couplings

Schlaucharmaturen mit Klemmfassungen - Teil 7: Hebelarmkupplungen

Raccords pour flexibles avec demi-coquille - Partie 7 : Raccords à cames

Ta slovenski standard je istoveten z: prEN 14420-7

ICS:

23.040.60 Prirobnice, oglavki in spojni elementi - Flanges, couplings and joints

oSIST prEN 14420-7:2026**en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 14420-7

November 2025

ICS 23.040.70

Will supersede EN 14420-7:2022

English Version

Hose fittings with clamp units - Part 7: Cam locking couplings

Raccords pour flexibles avec demi-coquille - Partie 7 :
Raccords à cames

Schlaucharmaturen mit Klemmfassungen - Teil 7:
Hebelarmkupplungen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 218.

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.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

Page

European foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Requirements	6
4.1 Construction.....	6
4.2 Temperatures.....	7
5 Survey.....	7
6 Types of connection.....	9
7 Designation.....	10
8 Dimensions.....	10
8.1 General.....	10
8.2 Coupler types.....	10
8.2.1 Coupler type DF (item No. 1 a).....	10
8.2.2 Coupler type BF (item No. 1 b).....	12
8.2.3 Coupler type DW (item No. 1 c).....	13
8.2.4 Coupler type CC (item No. 1 d).....	13
8.2.5 Dust cap, Coupler type DC (item No. 1 e)	15
8.3 Cam arm (item No. 2)	16
8.4 Pin (item No. 3)	18
8.5 Ring (item No. 4).....	18
8.6 Main gasket (item No. 5).....	19
8.7 Thread gasket (item No. 6)	20
8.8 Adapter types	20
8.8.1 Adapter type AF (item No. 8 a)	20
8.8.2 Adapter type FF (item No. 8 b).....	21
8.8.3 Adapter type AW (item No. 8 c).....	22
8.8.4 Adapter type EC (item No. 8 d)	23
8.8.5 Dust plug, Adapter type DP (item No. 8 e).....	24
9 Materials.....	25
9.1 General.....	25
9.2 Coupler and adapter body	25
9.3 Cam arm (item No. 2)	26
9.4 Pin (item No. 3)	26
9.5 Ring (item No. 4).....	26
9.6 Main gasket (item No. 5).....	26
9.7 Thread gasket (item No. 6)	26
10 Marking.....	27
11 Type testing and quality control.....	27
Bibliography.....	30

European foreword

This document (prEN 14420-7:2025) 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 document is currently submitted to the CEN Enquiry.

This document will supersede EN 14420-7:2022/AC:2023.

prEN 14420-7:2025 includes the following significant technical changes with respect to EN 14420-7:2022/AC:2023:

- for Figure 3, the symbol d6 have been deleted as d6 does not appear in the document;
- for Figure 6, the missing explanation for entry 1 have been included.

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)*

<https://standards.iteh.ai/catalog/standards/sist/a9d11d68-74fa-4a05-88ee-f213e02e4524/osist-pren-14420-7-2026>