

**6% koonilisusega (Luer) koonilised  
vahelülid süstaldele, nõeltele ja teatud  
muule meditsiinivarustusele.  
Lukustuvad vahelülid**

Conical fittings with a 6% (Luer) taper for syringes,  
needles and certain other medical equipment - Lock  
fittings

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1707:1999 sisaldab Euroopa standardi EN 1707:1996 ingliskeelset teksti.	This Estonian standard EVS-EN 1707:1999 consists of the English text of the European standard EN 1707:1996.
Käesolev dokument on jõustatud 12.12.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 12.12.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

<b>Käsitlusala:</b> Standard esitab nõuded 6% koonilisusega (Luer) koonilistele lukustuvatele vahelülidele, mis on ette nähtud kasutamiseks koos nahaalusteks süsteteks ettenähtud süstalde ja nõeltega ning teatud muude meditsiiniliselt kasutatavate seadmetega, nt. transfusiooniseadmestikuga. Nõuded kehtivad jäikadest ja pooljäikadest materjalidest valmistatud vahelülide kohta ning sisaldavad testimismeetodeid.	<b>Scope:</b>
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**ICS** 11.040.20

**Võtmesõnad:** kirurgilised nõelad, koonilised koostisosad, liitmikud, lukustusseadmed, meditsiiniaparatuur, mõõtmed, mõõtmete lubatavad hälbed, süstlad, tehnilised andmed, testimine, ühendamine

ICS 11.040.20

Descriptors: Conical fittings, medical equipment, syringes, needles.

**English version**

**Conical fittings with a 6 % (Luer) taper for syringes,  
needles and certain other medical equipment**

**Lock fittings**

Assemblages coniques à 6 % (Luer) des  
seringues et aiguilles et de certains autres  
appareils à usage médical – Assemblages  
à verrouillage

Kegelverbindungen mit einem 6 % (Luer)  
Kegel für Spritzen, Kanülen und bestimmte  
andere medizinische Geräte –  
Verriegelbare Kegelverbindungen

This European Standard was approved by CEN on 1996-10-19.

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 Central Secretariat or to any CEN member.

This European Standard exists 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

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## **Foreword**

This European Standard has been prepared by the Technical Committee CEN/TC 205 "Non-active medical devices" the secretariat of which is held by BSI.

This European Standard applies to conical lock fittings with a 6 % (Luer) taper for use in medical equipment. EN 20594-1 addresses general requirements for taper fittings.

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 1997, and conflicting national standards shall be withdrawn at the latest by May 1997.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## 1 Scope

This European Standard specifies requirements for conical lock fittings with a 6 % (Luer) taper for use with hypodermic syringes and needles and with certain other apparatus for medical use e.g. transfusion equipment.

The requirements apply to fittings made of rigid and of semi-rigid materials and include test methods, but exclude provision for more flexible or elastomeric materials.

NOTE 1. It is not practicable to define the characteristics of rigid or semi-rigid materials with precision, but glass and metal may be considered as typical rigid materials. In contrast many plastics materials may be regarded as semi-rigid.

NOTE 2. The Luer lock fitting was designed for use at pressures of the order of 300 kPa or lower. Its use in other applications may require consideration to establish its suitability.

## 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate place in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

ISO 468	Surface roughness - Parameters, their values and general rules for specifying requirements
EN 20594-1: 1993	Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment - Part 1: General requirements (ISO 594-1:1986)
ISO 7886-1 : 1993	Sterile hypodermic syringes for single use - Part 1: Syringes for manual use