

ISO 80369-7 Figure C.6

Male Reference Connector

Reference connector for testing female Luer lock connectors for separation from axial load and resistance to overriding.

Figure C.6

Female Luer Lock

Axial Load

Overriding

Annex C

Scan for Product Page

www.dgkingpo.com/product/iso-80369-7-figure-c-6-male-reference-connector/

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ACTUAL PRODUCT VIEW



ISO 80369-7 Figure C.6 Male Reference Connector

STANDARD

ISO 80369-7 Figure C.6

TEST OBJECT

Female Luer lock connectors

TEST FOCUS

Axial load separation and overriding resistance

Product Overview

Standard male reference connector for ISO 80369-7 Figure C.6 female Luer lock connector testing.

Reference connector for female Luer lock testing

The ISO 80369-7 Figure C.6 Male Reference Connector is used as a controlled mating component for evaluating female Luer lock connectors. It is mainly used in test configurations related to separation from axial load and resistance to overriding.

This connector is not the same as the Figure C.4 male reference Luer lock connector. Figure C.6 should be selected only when the applicable test procedure requires this specific reference configuration.



Key Information

Applicable standard	ISO 80369-7 Figure C.6 / Annex C
Product type	Male Reference Connector
Test object	Female Luer lock connectors
Main use	Separation from axial load and resistance to overriding
Thread note	Double-start, right-hand thread of 2.5 mm pitch
Supply option	Individual Figure C.6 connector or complete ISO 80369-7 Luer Gauge Set

How It Is Used

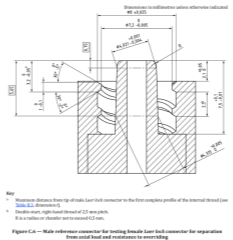
Typical use, application scope and customers for the Figure C.6 reference connector.



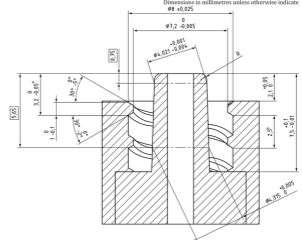
Product view
Actual product view of the Figure C.6 male reference connector.



Multiple views
Different product views for visual confirmation.



Drawing
Official Figure C.6 reference drawing and notes.



Drawing detail
Enlarged drawing detail for technical review.

Typical Use Procedure

- 1 Confirm the sample is a female Luer lock connector and Figure C.6 is required.
- 2 Mate the female Luer lock sample with the Figure C.6 male reference connector.
- 3 Install the assembly into the applicable ISO 80369 test setup.
- 4 Apply the required axial load separation or overriding resistance condition.
- 5 Record the result and protect the reference connector after testing.

Who Needs This Connector

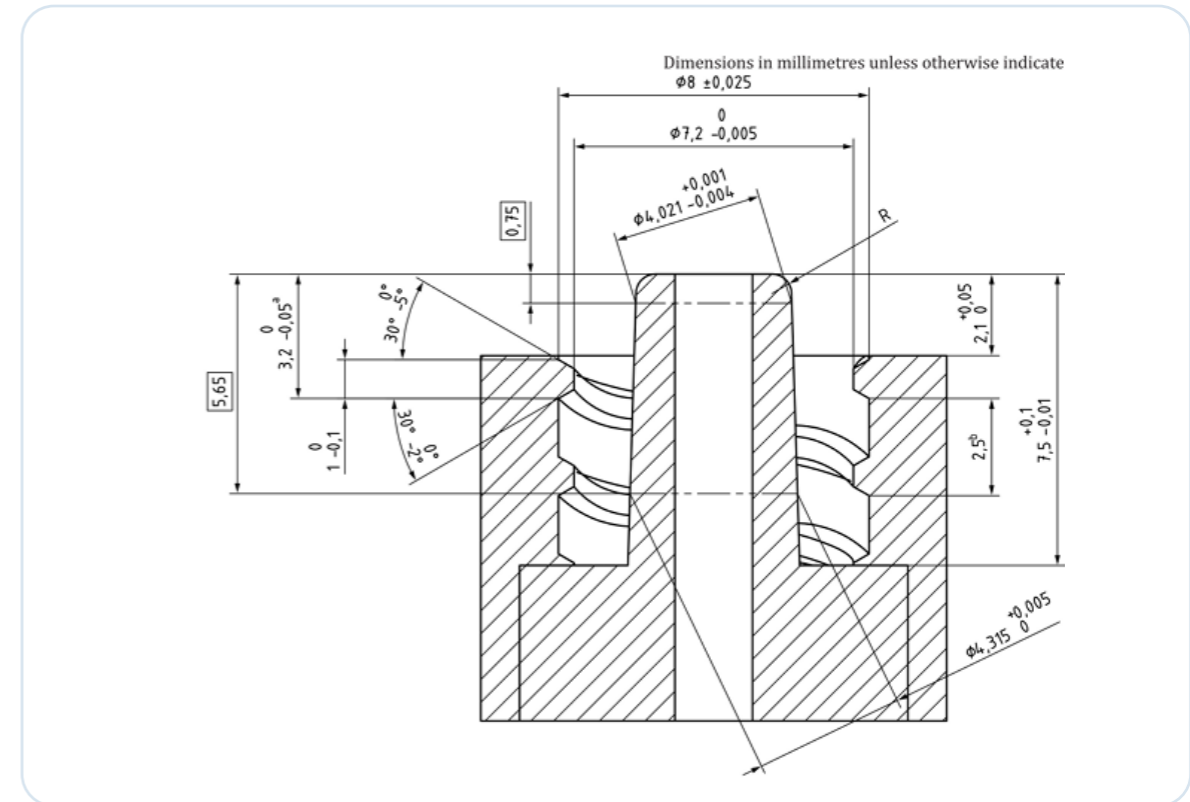
- Female Luer lock connector manufacturers**
Axial load separation and overriding evaluation
- Syringe and needle manufacturers**
Luer lock connector security testing
- Medical device R&D teams**
Design validation of female Luer lock structures
- Third-party testing laboratories**
ISO 80369-7 setup preparation

Technical Notes

Drawing identification, handling guidance and documentation support.

Key Drawing Notes

Figure number	ISO 80369-7 Figure C.6
Reference connector type	Male reference connector
Test object	Female Luer lock connectors
Test purpose	Separation from axial load and resistance to overriding
Thread note	Double-start, right-hand thread of 2.5 mm pitch
Radius note	R is a radius or chamfer not to exceed 0.5 mm



Technical Features

- Figure C.6 geometry**
 Designed according to ISO 80369-7 Figure C.6 reference connector geometry.
- Test configuration**
 For separation from axial load and resistance to overriding.
- Thread engagement**
 Double-start right-hand thread structure for Luer lock evaluation.
- Supply option**
 Available individually or as part of the ISO 80369-7 Luer Gauge Set.

Operation and Documentation

- Confirm scope**
 Use Figure C.6 only when this reference connector is required.
- Avoid substitution**
 Do not replace it with C.4 unless the procedure clearly requires C.4.
- Protect surfaces**
 Keep the mating and thread surfaces clean and free from scratches.
- Document support**
 Datasheet, material, dimensional or hardness confirmation can be supplied as quoted.