

ISO 80369-7 Male Plug Gauge

for Female Luer Connector Fit Verification

Product datasheet for a precision male plug gauge used to check the dimensional fit and internal mating condition of female Luer connectors.

Male Plug Gauge

Female Luer Check

Dimensional Fit

Luer Taper Gauge

Scan for Product Page

www.dgkingpo.com/product/iso-80369-7-male-plug-gauge/

Tel: +86-769-81627526 | Email: sales@kingpo.hk



PRODUCT VIEW



Male Plug Gauge

Dimensional and fit verification for female Luer connectors

STANDARD BASIS ISO 80369-7 dimensional requirements

TEST OBJECT Female Luer connectors

USE Checking internal Luer taper and mating geometry

POSITIONING Gauge, not leakage or axial-load test apparatus

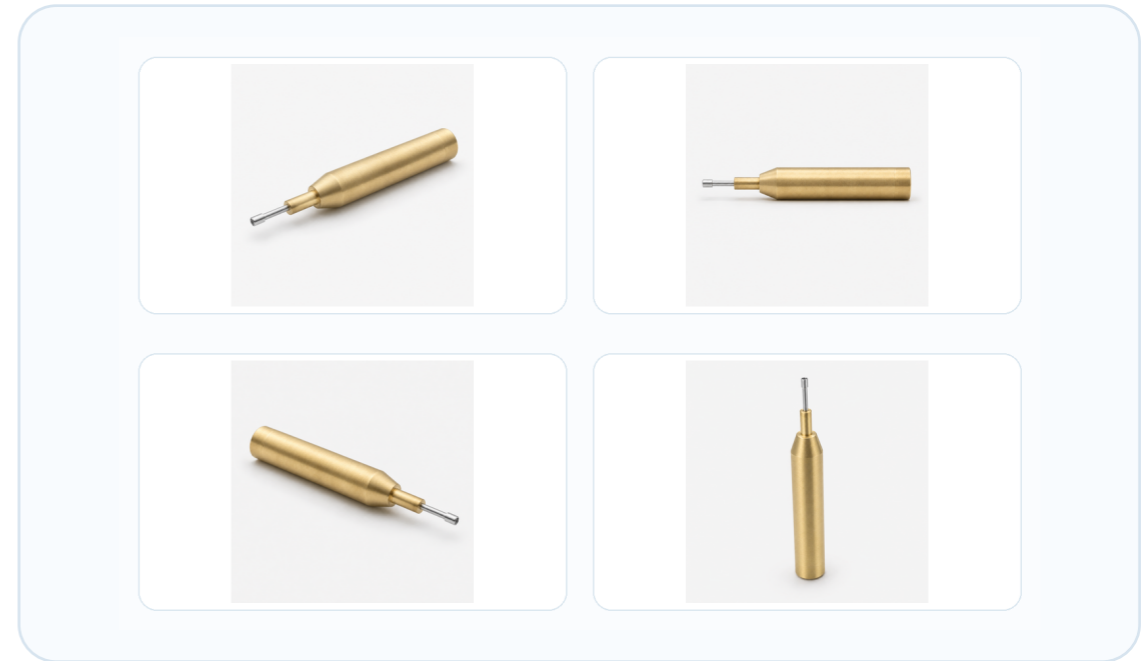
Product Overview

Dimensional and fit verification gauge for checking female Luer connector internal mating geometry.

What this gauge is used for

The ISO 80369-7 Male Plug Gauge is used to verify the internal mating geometry of female Luer connectors. The gauge provides a controlled male plug / Luer taper interface to check whether the female Luer connector sample accepts the expected mating condition.

It is not an ISO 80369-20 leakage tester, axial load tester, or Annex C reference connector. It is mainly used as a practical dimensional or fit verification gauge before further functional testing is performed.



Key Information

Applicable standard	ISO 80369-7 dimensional requirements for Luer connectors
Product type	Male Plug Gauge / Luer dimensional gauge
Test object	Female Luer connectors
Main purpose	Dimensional and fit verification of the female Luer connector interface
Typical check	Internal Luer taper fit, insertion condition and mating geometry
Documentation	Datasheet, material, dimensional or hardness confirmation where applicable

How It Is Used



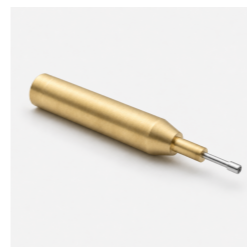
Main angled view

Hand-held male plug gauge for female Luer fit checks.



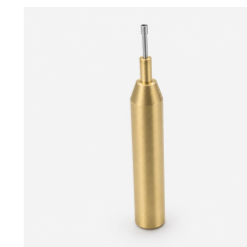
Side view

Side view showing the handle and precision plug end.



Opposite angle

Opposite product angle showing the Luer taper working end.



Vertical view

Vertical view of the gauge and its plug interface.

Inspection Concept

Checks:

- Internal Luer taper
- Insertion / mating fit
- Female connector geometry



Female Luer connector sample

Male Plug Gauge

Typical Use Procedure

- 1 Confirm the sample is a female Luer connector.
- 2 Clean the sample and the male plug working surface.
- 3 Insert or mate the plug gauge with the female Luer connector.
- 4 Observe fit according to the internal inspection procedure.
- 5 Record the result and protect the gauge after inspection.

Important positioning

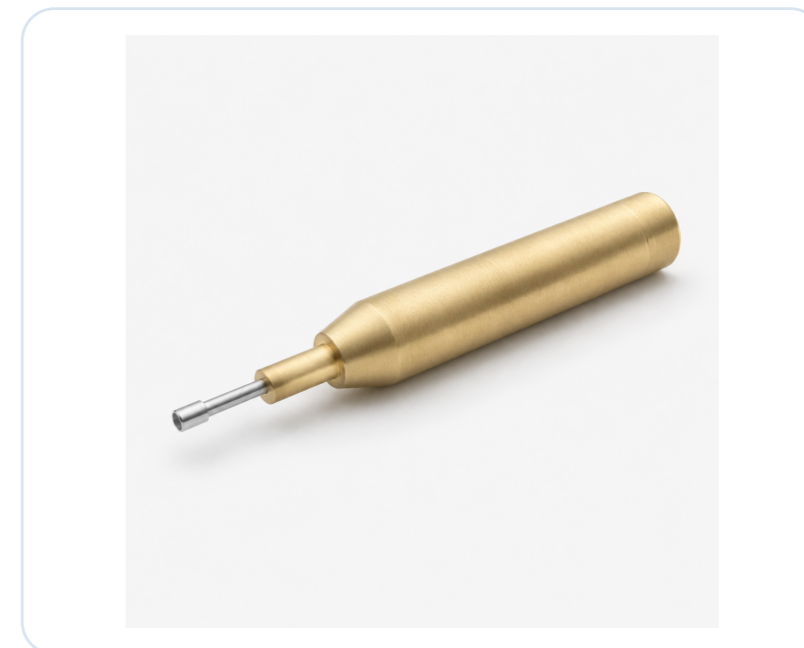
This gauge is for dimensional and fit verification. Leakage, air leakage, axial load or stress cracking tests require the appropriate test setup.

Technical Notes

Standard positioning, handling guidance and procurement information.

Standard Basis and Correct Positioning

ISO 80369-7 basis	Dimensional requirements for Luer connectors and related Luer connector geometry
Gauge function	Dimensional / fit verification of female Luer connectors
Not the same as	Annex C C.2-C.6 reference connectors used in specific performance test configurations
Not a tester	Does not apply leakage pressure, axial load or stress cracking conditions
Hardness note	HRC58-62 can be provided where confirmed by KINGPO product specification



Technical Features

- **Male plug interface**
Checks female Luer connector internal mating geometry.
- **Precision working end**
Machined for repeatable dimensional and fit verification.
- **Hand-held structure**
Convenient for R&D, incoming inspection and production QC.
- **Documentation support**
Datasheet, material, dimensional or hardness information where applicable.

Inquiry Information

- **Required item**
ISO 80369-7 Male Plug Gauge
- **Sample type**
Female Luer slip or female Luer lock connector
- **Intended use**
R&D check, incoming inspection or production QC
- **Support**
Specify any material, hardness or dimensional confirmation requirement