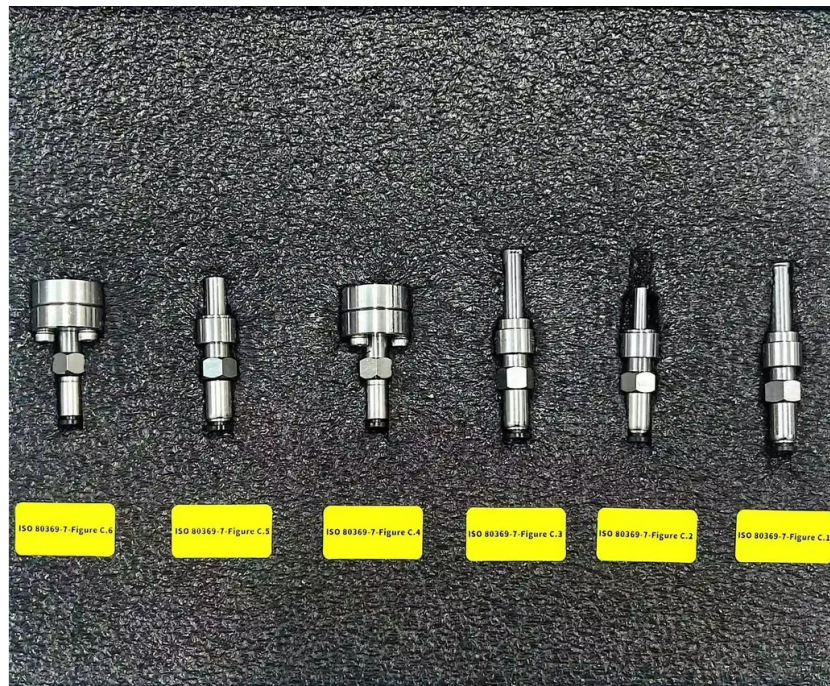


ISO 80369-7 Luer Gauge Set and Reference Connectors

Figure C.1 to C.6 reference connectors, Male Plug Gauge and Female Ring Gauge



APPLICABLE STANDARD

ISO 80369-7

PRODUCT SCOPE

C.1 to C.6 connectors + Plug / Ring gauges

MAIN USE

Luer connector verification and reference mating

RELATED TESTING

ISO 80369-20 equipment may be required



Product Page

<https://www.dgkingpo.com/product/iso-80369-7-luer-gauge-set/>

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Quick Selection Guide

Use this guide to confirm whether your sample requires an ISO 80369-7 reference connector, a dimensional gauge, or ISO 80369-20 test equipment for functional performance testing.

Male Luer connector

C.1 / C.3 / C.5 or Female Ring Gauge

Reference mating or dimensional / fit verification

Female Luer connector

C.2 / C.4 / C.6 or Male Plug Gauge

Reference mating or dimensional / fit verification

Dimensional check only

Male Plug Gauge or Female Ring Gauge

Basic Luer geometry and fit checking

Leakage / axial load testing

ISO 80369-20 tester + ISO 80369-7 connector

Functional testing using pressure, vacuum or force

Included ISO 80369-7 Reference Connectors and Gauges

Item	Main Use	Test Object
Figure C.1 Female Reference Luer Lock Connector	Female Luer lock reference connector for specific test configurations	Male Luer connectors
Figure C.2 Male Reference Luer Slip Connector	Male Luer slip reference connector for specific test configurations	Female Luer connectors
Figure C.3 Female Reference Connector	Female reference connector for male Luer lock testing	Male Luer lock connectors
Figure C.4 Male Reference Luer Lock Connector	Male Luer lock reference connector for female Luer connector tests	Female Luer connectors
Figure C.5 Female Reference Luer Slip Connector	Female Luer slip reference connector for male Luer connector tests	Male Luer connectors
Figure C.6 Male Reference Connector	Reference connector for female Luer lock separation and overriding tests	Female Luer lock connectors
Male Plug Gauge	Dimensional and fit verification gauge	Female Luer connectors
Female Ring Gauge	Dimensional and fit verification gauge	Male Luer connectors

C.1 to C.6 Reference Connectors

These reference connectors are used as mating reference parts in defined ISO 80369-7 related test configurations. Final selection depends on connector gender, Luer slip / Luer lock structure and the required test method.



ISO 80369-7-Figure C.1

ISO 80369-7 Figure C.1

Female reference Luer lock

For male Luer connector configurations



ISO 80369-7-Figure C.2

ISO 80369-7 Figure C.2

Male reference Luer slip

For female Luer connector configurations



ISO 80369-7-Figure C.3

ISO 80369-7 Figure C.3

Female reference connector

For male Luer lock connector testing



ISO 80369-7-Figure C.4

ISO 80369-7 Figure C.4

Male reference Luer lock

For female Luer connector testing



ISO 80369-7-Figure C.5

ISO 80369-7 Figure C.5

Female reference Luer slip

For male Luer connector testing



ISO 80369-7-Figure C.6

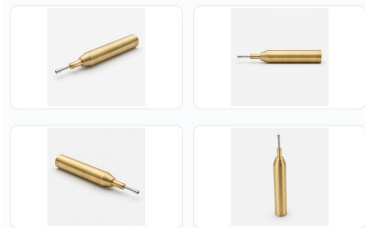
ISO 80369-7 Figure C.6

Male reference connector

For female Luer lock axial load / overriding tests

Plug / Ring Gauges and Functional Test Equipment

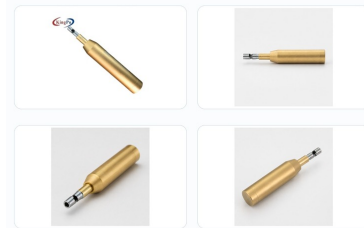
Male Plug Gauge and Female Ring Gauge are used mainly for dimensional and fit verification. They should not be confused with ISO 80369-20 equipment, which provides pressure, vacuum or force conditions for functional testing.



Male Plug Gauge

For female Luer connectors

Dimensional and fit verification



Female Ring Gauge

For male Luer connectors

Dimensional and fit verification

Which Item Do You Need?

If You Need	Choose	Why
A mating connector for a specific ISO 80369-7 test setup	Figure C.1 to C.6 reference connector	Used as reference mating parts in defined test configurations
A simple fit or dimensional check	Male Plug Gauge or Female Ring Gauge	Checks whether the connector fits the expected Luer geometry
Leakage, air leakage or axial load testing	ISO 80369-20 test equipment	Requires equipment that applies pressure, vacuum or force

Related ISO 80369-20 Test Equipment

Equipment	Test Purpose	Typical Use
ISO 80369-20 Liquid Leakage Tester	Annex B / C liquid leakage	Liquid leakage performance under specified pressure-related conditions
ISO 80369-20 Annex D Air Leakage Tester	Subatmospheric air leakage	Connector air leakage under negative-pressure conditions
ISO 80369-20 Annex F Axial Load Tester	Axial load separation	Mechanical retention and separation behavior under axial force

Technical Features

- Organized as a practical ISO 80369-7 selection set for laboratories handling multiple Luer connector types.
- Supports both reference mating configurations and basic dimensional / fit verification needs.
- Helps customers separate male Luer, female Luer, Luer slip and Luer lock applications.
- Individual Figure C.1 to C.6 reference connectors can be supplied according to the required test configuration.
- Male Plug Gauge and Female Ring Gauge are available for dimensional and fit checking before further performance testing.
- Can be matched with ISO 80369-20 liquid leakage, air leakage or axial load test equipment when functional testing is required.
- Product datasheet, material information, dimensional confirmation or hardness information can be provided where applicable.

Configuration Notes Before Quotation

- Required standard and clause
- Required item: complete set or individual connector / gauge
- Sample type: male or female Luer connector
- Connector type: Luer slip or Luer lock
- Test purpose: reference mating, dimensional check or functional testing

- Whether ISO 80369-20 equipment is also required
- Whether customized fixtures or adapters are required
- Sample drawing, photo or interface dimensions
- Required documentation or calibration information
- Quantity and project schedule

Compliance and Selection Notes

The ISO 80369-7 Luer Gauge Set is supplied for Luer connector verification according to the customer's selected test scope and sample type. It is not a complete leakage or axial load test system by itself. For leakage, air leakage or axial load testing, suitable ISO 80369-20 equipment and test fixtures should be selected.

Common Buyer Questions

Can I buy one item instead of a complete set?

Yes. Individual Figure C.1 to C.6 connectors, Male Plug Gauge or Female Ring Gauge can be supplied according to the sample type and test purpose.

Does this set perform leakage testing by itself?

No. The set provides reference connectors and dimensional gauges. Leakage, air leakage or axial load testing requires suitable ISO 80369-20 equipment.

How do I know whether I need a reference connector or a gauge?

Reference connectors are used as mating parts in defined test configurations. Plug / ring gauges are mainly for dimensional and fit verification.

Can KINGPO help match ISO 80369-7 and ISO 80369-20 equipment?

Yes. Send the connector type, sample gender, test item and sample drawing. KINGPO can help confirm the correct connector, gauge, fixture or tester configuration.

Technical Inquiry & Expert Support

Please send KINGPO your connector type, sample gender, Luer slip or Luer lock structure, required ISO 80369 test item, sample drawing or photos, and documentation needs. Our team will help confirm whether you need individual reference connectors, Male Plug Gauge, Female Ring Gauge, a complete Luer Gauge Set or related ISO 80369-20 test equipment before quotation.

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