# Luer Fittings

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## Our Luer Tapers
Nordson MEDICAL’s luer tapers are made to the ISO 594-1 and ISO 594-2 standards, and may be connected to other luers meeting these ISO standards. Please test your application to verify the performance of the interconnection.

Nordson MEDICAL’s luer fittings come in over 100 configurations and several materials for the device designer, joining tubing from 1/16” (1.6 mm) ID to 1/4” (6.4 mm) ID.

## Features & Benefits:

### Published ISO Design Standard
- Well understood worldwide
- Often assures interconnections without need to retrofit

### Rotating Lock Permits Tube Positioning Prior To Tightening
- Minimizes twisting and kinking of tubing

### Tapered Cone Seal
- Reliable
- Inexpensive
- Uncomplicated

### Available In Many Materials
- Facilitates optimal material selection for your application
- Inexpensive
- Facilitates single-use

### Easy To Understand
- Ease of use in field

### Many Configuration Options
- Adaptable to wide range of applications

### Security Options (Fixed Lock, Rotating Lock, No Lock)
- Tailorable to your specific application

## Custom Assembly
We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

Part Drawings Online!
Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com
MALE Luer:
Slip, or for use with Lock Ring

FSLR (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002)
Finger Snap Luer Lock Ring

MLRL004 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/16" (1.6 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLRL007 (-1 -6005 -6012)
Male Luer to 500 Series Barb, 3/32" (2.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL007 (-9)
Male Luer to 500 Series Barb, 3/32" (2.4 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

MLRL013 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/8" (3.2 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL013 (-1 -6005)
Male Luer to 500 Series Barb, 1/8" (3.2 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

MLRL025 (-1 -6005 -9)
Male Luer to 500 Series Barb, 5/32" (4.0 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLRL035 (-1 -6005 -9)
Male Luer to 500 Series Barb, 3/16" (4.8 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLRL055 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/4" (6.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

Need Samples for Evaluation?
You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
+1 (970) 267-5200    Toll Free: (888) 404-5837

It's a Lock with Nordson MEDICAL!
Our MLRL and MLSL Series of fittings can be used both as a slip luer or as a locking luer with the addition of our FSLLR luer lock ring, which allows color coding without flow path contact. Our MLSL/FSLLR combination results in a stationary lock ring. Use a combination of MLRL and FSLLR to create a color coded rotating lock ring.

The MLRL allows FSLLR/lock ring rotation
The MLSL has flanges which lock into the FSLLR, preventing rotation
Used together, you can create a color coded male luer with lock ring.
<table>
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<th><strong>MALE LUER:</strong></th>
<th><strong>FEMALE LUER:</strong></th>
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<td><strong>Slip</strong></td>
<td><strong>Thread Style</strong></td>
</tr>
<tr>
<td>MTLS210 (-1 -6005 -9)</td>
<td>FTLL210 (-1 -3 -5 -6005 -9 -9002 -J1A)</td>
</tr>
<tr>
<td>Male Luer Slip to 200 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
<td>Female Luer Thread Style to 200 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL004 (-1 -9 -9002)</td>
<td>FTLL410 (-1 -6005 -9 -9002 -J1A)</td>
</tr>
<tr>
<td>Male Luer Slip to 500 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
<td>Female Luer Thread Style to 400 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>MTLS220 (-1 -5 -6005 -6012 -9)</td>
<td>FTLL004 (-1 -2 -6005 -9)</td>
</tr>
<tr>
<td>Male Luer Slip to 200 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
<td>Female Luer Thread Style to 500 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL007 (-9)</td>
<td>FTLL220 (-1 -3 -5 -6005 -9 -J1A)</td>
</tr>
<tr>
<td>Male Luer Slip to 500 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
<td>Female Luer Thread Style to 200 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>MTLS230 (-1 -3 -5 -6005 -9002 -J1A)</td>
<td>FTLL420 (-1 -6005 -9 -J1A)</td>
</tr>
<tr>
<td>Male Luer Slip to 200 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
<td>Female Luer Thread Style to 400 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL013 (-9)</td>
<td>FTLL220 (-1 -2 -3 -5 -6005 -9 -9002 -J1A -CM550)</td>
</tr>
<tr>
<td>Male Luer Slip to 500 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
<td>Female Luer Thread Style to 200 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>MTLS240 (-1 -6005 -81 -J1A)</td>
<td>FTLL230 (-1 -2 -3 -5 -6005 -9 -9002 -J1A -CM550)</td>
</tr>
<tr>
<td>Male Luer Slip to 200 Series Barb, 5/32” (4.0 mm) ID Tubing</td>
<td>Female Luer Thread Style to 200 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL035 (-9002)</td>
<td>FTLL430 (-1 -6005 -9 -9002 -J1A)</td>
</tr>
<tr>
<td>Male Luer Slip to 500 Series Barb, 3/16” (4.8 mm) ID Tubing</td>
<td>Female Luer Thread Style to 400 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL055 (-9)</td>
<td>FTLL013 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002)</td>
</tr>
<tr>
<td>Male Luer Slip to 500 Series Barb, 1/4” (6.4 mm) ID Tubing</td>
<td>Female Luer Thread Style to 500 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
</tbody>
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Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
FEMALE LUER:
Thread Style

**FTLL240 (-1 -3 -5 -6005 -6012 -9 -9002 -J1A)**
Female Luer Thread Style to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**FTLL025 (-1 -2 -4 -6005 -07 -9)**
Female Luer Thread Style to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

**FTLL445 (-6005 -J1A)**
Female Luer Thread Style to 400 Series Barb, .170" (4.3 mm) ID Tubing

**FTLL250 (-1 -3 -5 -6005 -9 -J1A)**
Female Luer Thread Style to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

**FTLL450 (-6005 -9 -J1A)**
Female Luer Thread Style to 400 Series Barb, 3/16" (4.8 mm) ID Tubing

**FTLL035 (-1 -4 -06 -6005 -9 -J1A)**
Female Luer Thread Style to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

**FTLL360 (-1 -5 -6005 -9 -9002 -J1A)**
Female Luer Thread Style to 300 Series Barb, 1/4" (6.4 mm) ID Tubing

**FTLL055 (-1 -2 -3 -4 -6005 -07 -9 -9002)**
Female Luer Thread Style to 500 Series Barb, 1/4" (6.4 mm) ID Tubing

FEMALE LUER:
Smooth Bore Thread Style

**FTLLSB004 (-6005)**
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTLLSB007 (-4)**
Female Luer Thread Style Smooth Bore to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTLLSB013 (-6005 -9)**
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

Why Choose a Smooth Bore?

Our Smooth Bore Luer have a smooth inner transition providing for easy insertion of guide wires, probes and other devices.

FEMALE LUER:
Lug Style

**FTL10 (-1 -6005 -9 -J1A)**
Female Luer Lug Style to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**FTL210 (-1 -6005 -9)**
Female Luer Lug Style to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTL220 (-1 -3 -5 -6005 -J1A)**
Female Luer Lug Style to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTL30 (-6005 -9 -J1A)**
Female Luer Lug Style to Classic Series Barb, 1/8" (3.2 mm) ID Tubing
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
**LUER FITTINGS**

**LUER: Adapters, Couplers, and Lock Rings**

**LE7230 (-1 -6005 -9 -9010)**
Male Luer to 200 Series Barb Elbow 1/8" (3.2 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

**CA091 (-001) Gamma Stable Polycarbonate**
Male Luer Elbow to 3/16" Classic Series Barb, (CF361-9002) with Rotating Lock Ring (FSLLR-9002)

**LUER: Plugs and Caps**

**MTLLP (-1 -2 -3 -6005 -9 -J1A)**
Male Luer Integral Lock Ring Plug, Closed at Luer Tip

**LP4 (-1 -3 -5 -6005 -9 -9002 -J1A)**
Male Luer Integral Lock Ring Plug, Closed at Grip

**VLP4 (-1 -3 -6005 -81)**
Male Luer Integral Lock Ring Vented Plug, Closed at Grip

**MLRLP (-6005)**
Male Luer Plug (May be used with separate rotating lock ring; FSLLR)

**MLSLP (-9)**
Male Luer Plug (May be used with separate stationary lock ring; FSLLR)

**MTLP (-1 -6005 -J1A)**
Male Luer Plug, Closed at Tether Loop (May be used with separate stationary lock ring; MLLR)

**MTLSP (-1 -6005 -81 -J1A)**
Male Luer Slip Plug, Closed at Grip

**FTLP (-6005)**
Female Luer Lug Style Cap with Tether Loop

**FTLLP (-1 -2 -3 -5 -6005 -6012 -07 -81 -9 -9002 -J1A)**
Female Luer Thread Style Cap

**LP34 (-1 -3 -6005 -9 -9002 -J1A)**
Male Luer Integral Lock Ring to Female Luer Thread Style Plug

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**Need it Fast?**
You can order any of our 9,600+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
www.nordsonmedical.com
LUER TO THREAD:

Male

**ABSML-6005 UNDER (-1 -6012)**
Male Luer with Rotating Lock Ring and 5/16” Hex to 1/4-28 UNF Bottom Sealing Thread

**SMLRL (-J1A)**
Male Luer with 5/16” Hex to 1/4-28 UNF Thread (May be used with separate rotating lock ring; FSLLR)

**XMTLL (-1 -6005 -9 -J1A)**
Male Luer Integral Lock Ring to 10-32 Special Tapered Thread

**BSMLRL (-6005)**
Male Luer with 5/16” Hex to 1/4-28 Bottom-Sealing Thread (May be used with separate rotating lock ring; FSLLR)

**SMTLL (-1 -6005 -9 -J1A)**
Male Luer Integral Lock Ring to 1/4-28 UNF Thread

**18MTLL (-1 -2 -6005)**
Male Luer Integral Lock Ring with 7/16” Hex to 1/8-27 NPT Thread

**14MTLL (-1 -2 -6005 -6012)**
Male Luer Integral Lock Ring with 9/16” Hex to 1/4-18 NPT Thread

**Looking for Something Different?**
Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there’s a new product you think Nordson MEDICAL should make, please send us an Email at FMF-sales@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on custom engineered solutions!

Need More Details?
Part drawings, minimum order quantities, and CAD requests can be found online. Visit www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.
### Luer to Thread:

**Female**

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<th>Part Number</th>
<th>Description</th>
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<tr>
<td>XFTLL (-1 -6005 -J1A)</td>
<td>Female Luer Thread Style with 1/4&quot; Hex to 10-32 Special Tapered Thread</td>
</tr>
<tr>
<td>KFTL (-1 -6005 -J1A)</td>
<td>Female Luer Lug Style with 1/4&quot; Hex to 10-32 UNF Thread</td>
</tr>
<tr>
<td>SFTL (-1 -9)</td>
<td>Female Luer Lug Style with 5/16&quot; Hex to 1/4-28 UNF Thread</td>
</tr>
<tr>
<td>18KFTL (-1 -6005 -J1A)</td>
<td>Female Luer Thread Style with 7/16&quot; Hex to 1/8-27 NPT Thread</td>
</tr>
<tr>
<td>18LFTL (-1 -6005 -J1A)</td>
<td>Female Luer Thread Style Elbow with 7/16&quot; Hex to 1/8-27 NPT Thread</td>
</tr>
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### Panel Mounts:

**Female Thread Style**

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<th>Description</th>
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<tr>
<td>FTLLB210 (-1 -6005 -9 -J1A)</td>
<td>Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLLB220 (-1 -2 -6005 -9 -J1A)</td>
<td>Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLLB230 (-1 -2 -6005 -J1A)</td>
<td>Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLLBMLRL (-6005)</td>
<td>Female Luer Thread Style Panel Mount 1/4-28 UNF to Male Luer (May be used with separate rotating lock ring: FSLLR)</td>
</tr>
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**Fully Assembled Panel-Mounted Luer**

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### Need More Details?

Additional threaded solutions are shown on PG-110-119. Check out all of our threaded style parts at [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at FMF-sales@nordsonmedical.com.

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### Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!
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**PANEL MOUNTS:**
Female Lug Style and Male Luer

- **FTLB210 (-1 -6005 -J1A)**
  Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16” (1.6 mm) ID Tubing

- **FTLB220 (-1 -9 -J1A)**
  Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 3/32” (2.4 mm) ID Tubing

- **FTLB230 (-1 -6005 -J1A)**
  Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8” (3.2 mm) ID Tubing

- **MLRLB210 (-6005)**
  Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 1/16” (1.6 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)

- **MLRLB220 (-1)**
  Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 3/32” (2.4 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)

- **MLRLB230 (-1)**
  Male Luer Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8” (3.2 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)

**PANEL MOUNT ACCESSORIES:**
Lock Nuts and Color Coding Rings

- **CCR (-1 -2 -3 -07)**
  Color Coded Ring (For use with PMS, PMK, FTLB or FTLB panel mount fittings)

- **CCLR (-1 -2 -3 -4 -5 -06 -07)**
  Color Coded Lock Ring (For use with PMS, PMK, FTLB or FTLB panel mount fittings)

- **PMKN (-XO)**
  Panel Mount Nut 10-32 UNF with 3/8” Hex (For use with PMK panel mount fittings)

- **PMSN (-XO)**
  Panel Mount Nut 1/4-28 UNF with 7/16” Hex (For use with PMS, FTLB, and FTLB panel mount fittings)

- **LNS (-1 -2 -3 -4 -5 -06 -07 -J1A)**
  1/4-28 UNF Panel Mount Lock Nut (For use with PMS, FTLB or FTLB panel mount fittings)

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**Select the Correct Lock Nut for Your Panel Mount:**

<table>
<thead>
<tr>
<th>PART</th>
<th>Dimension A</th>
<th>Use Lock Nut</th>
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<tbody>
<tr>
<td>FTLB Series</td>
<td>.255”</td>
<td>PMSN or LNS</td>
</tr>
<tr>
<td>FTLB Series</td>
<td>.255”</td>
<td>PMSN or LNS</td>
</tr>
<tr>
<td>FTLBM. RL</td>
<td>.255”</td>
<td>PMSN or LNS</td>
</tr>
<tr>
<td>MLRLB210</td>
<td>.193”</td>
<td>PMKN</td>
</tr>
<tr>
<td>MLRLB220</td>
<td>.193”</td>
<td>PMKN</td>
</tr>
<tr>
<td>MLRLB230</td>
<td>.255”</td>
<td>PMSN or LNS</td>
</tr>
</tbody>
</table>

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**Dimensions:**

- Dimension A
- 2X Ø .128
- 2X Ø .123
- CCLR Only
- Ø .253
- .100
- 2X Ø .060
- CCLR Only
- 2X Ø .188
- Ø .562
- 2X .128
- 2X .128
- 505
- 505
- 2X .128
- 2X .128
- 2X Ø .128
- 2X Ø .128
- 2X Ø .128
- 2X Ø .128
- 2X Ø .128

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**Notes:**
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