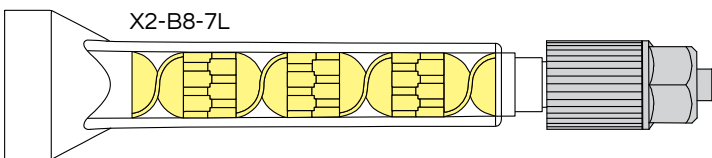
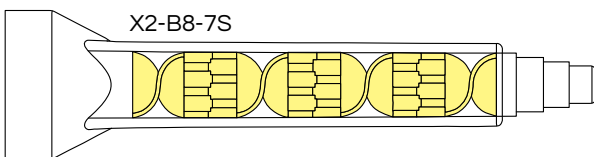
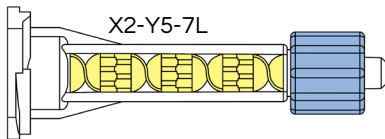
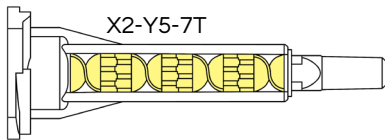




# Product Guide

xemex<sup>®</sup>



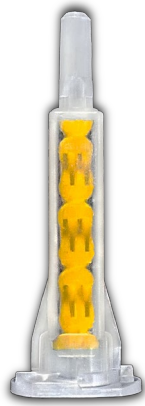
August 2022



# Product Line

## xemex<sup>®</sup>

(zeimeks)



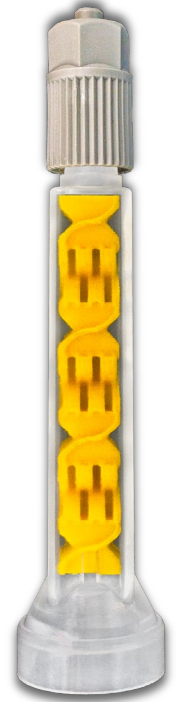
**X2-Y5-7T**



**X2-Y5-7L**



**X2-B8-7S**



**X2-B8-7L**

<b>Insert Material</b>	Polyester	Polyester	Polyester	Polyester
<b>Housing Material</b>	Polypropylene	Polypropylene	Polypropylene	Polypropylene
<b>Connection Style</b>	Bayonet	Bayonet	Bell - Straight	Bell - Straight
<b>Nozzle Tip</b>	Tapered	Luer-Lock	Stepped	Luer-Lock
<b>Inner Diameter</b>	5.3 mm	5.3 mm	8.7 mm	8.7 mm
<b>Insert Assembly</b>	7 elements	7 elements	7 elements	7 elements
<b>Total Length</b>	50 mm	50 mm	78 mm	90 mm
<b>Retained Volume</b>	0.6 mL	0.6 mL	2.5 mL	2.7 mL
<b>Ratios Served</b>	1:1, 2:1, 4:1, 10:1	1:1, 2:1, 4:1, 10:1	1:1, 2:1, 4:1, 10:1	1:1, 2:1, 4:1, 10:1
<b>Systems Served</b>	Cartridge & Cobot Arms	Cartridge & Cobot Arms	Cartridge & Meter-Mixing	Cartridge & Meter-Mixing

<b>EAS</b>	EDSQ05-7YLS	EDSQ05-7YLL	EDSQ08-7YS	EDSQ08-7YLL
<b>UPC</b>	850018230032	850018230049	850018230001	850018230025

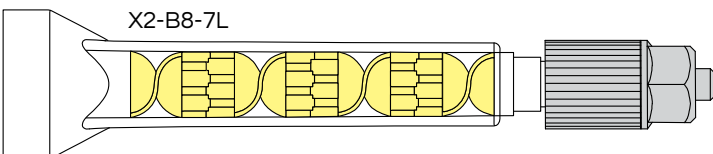
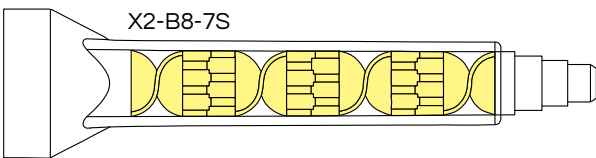
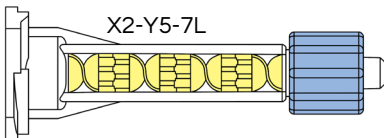
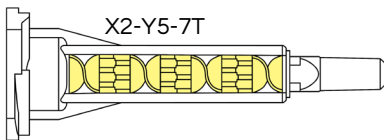


# Overview

## xemex<sup>®</sup>

(ze'meks)

"Xemex is the biggest innovation we've seen since mixing tips were introduced"



Improve Quality

Eliminate Waste

Source Reliably

Apply Precisely

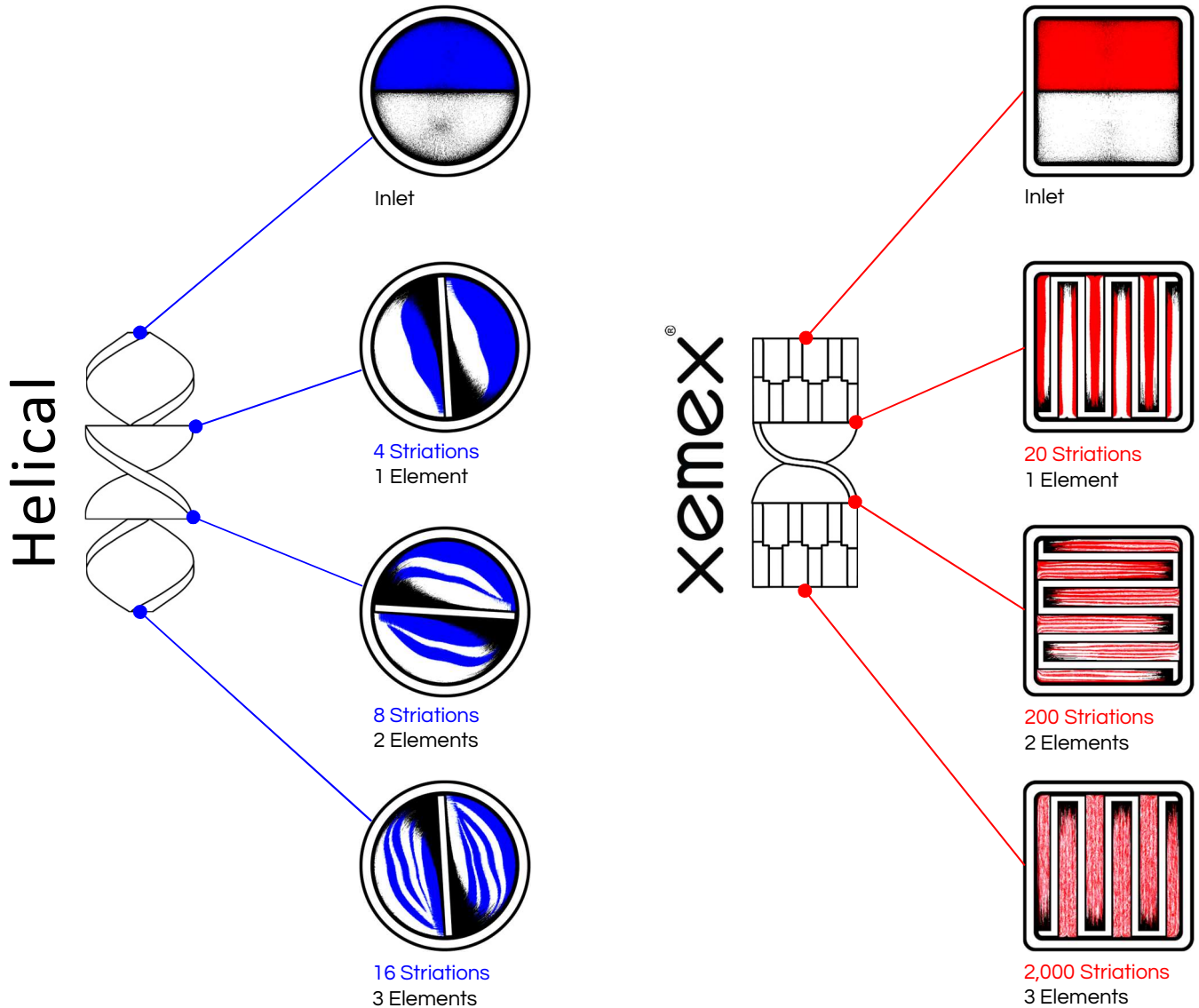
Operate Easily



# 10<sup>x</sup> Mixing

## xemex<sup>®</sup>

(ze'meks)



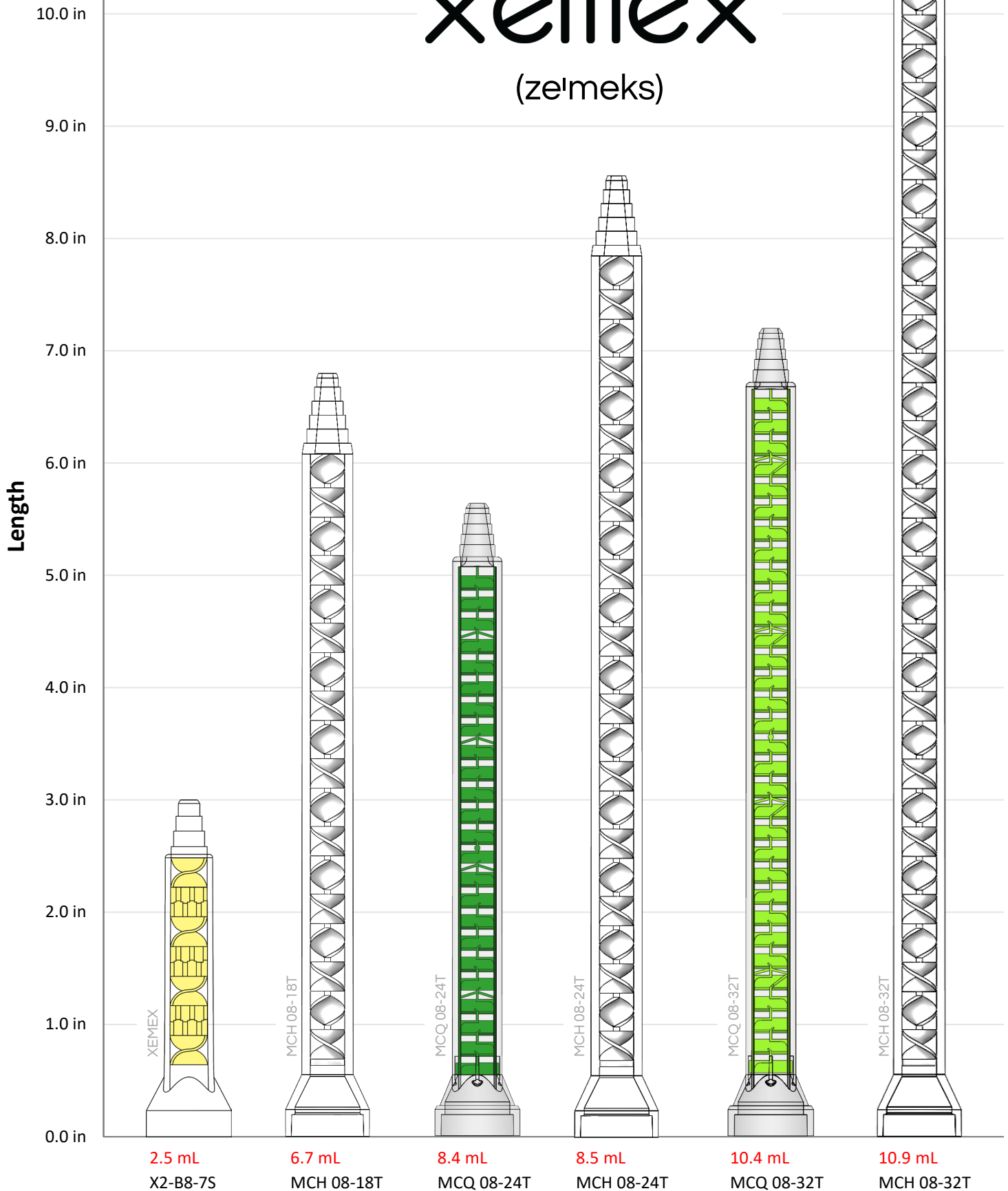
Traditional square and helical mixers rely on **2-fold mixing** per element--also known as the Baker's Transformation. This is why traditional mixers often require **24 to 32 elements** to reach adequate mixing.

Xemex is the only mixer to offer **10-fold mixing** per element, giving Xemex-dispensed adhesives optimal mixing in only **7 elements**.



# Efficiency

# xemex<sup>®</sup> (zelmeks)





# Testimonials

## xemex<sup>®</sup>

The new Xemex mixer worked fantastic with **Dow 3-4207**. Greatly reduces wasted potting material and also mixed the 2 parts very well. This is exactly what we needed. If you have other customers with similar problems I would highly recommend Xemex.

### Direct Customer Quote

---

I sampled Xemex last week at my customer for their **EA E60NC epoxy** application and testing went quite well. They placed an order of 100 units. Tipping point: reduction of wasted material.

### Sales Rep (Eastern US)

---

I sampled Xemex at my customer and they liked them. They needed to test **LORD Maxlok T-6** on their **meter mix machine**.

### Sales Rep (Southern US)

---

I tested the **UR6001-Black** (400 ml cartridge, pneumatic dispenser) using Xemex mixers with excellent results. This customer will be sending me a PO.

### Sales Rep (Southern US)

This customer understands how mixers work so they didn't think Xemex was going to mix **ResinLab EP1295** or they thought it was going to require too much pressure to dispense. However, they didn't have to adjust their pressure, and the material flowed out fantastically. It was a drop-in fit. Perfect for saving \$\$ on material.

### Sales Rep (Central US)

---

My customer had sporadic curing issues running **EP965LVLX** with a .187 X 48 helical mixer they were using. They dispensed some test patterns with Xemex and got a complete cure. They told me, "these mixing sticks work great."

### Sales Rep (Eastern US)

---

They tested the new Xemex Mixer with an expensive **thermally conductive paste**. Xemex worked great! It was easy to see the cost savings from wasting less material in the mixer vs the Helical mixer they used previous. They were so impressed they order 50 on the spot!

### Sales Rep (Southern US)



SKU: X2-B8-7S  
 EAS: EDSQ08-7YS  
 UPC: 850018230001

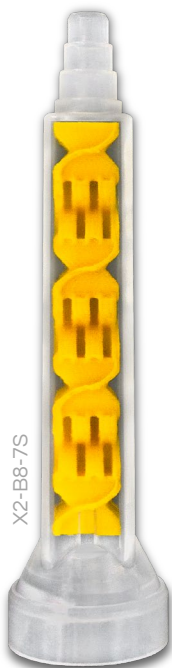
# Case Study

## xemex<sup>®</sup>

(ze'meks)

### Background

Region	United States (South)
Industry	General Manufacturing
Application	Rubber Bonding Conveyor Belt Systems Bell-Style Cartridge (400 mL) Manual Applicator
Formulation	Custom Polyurethane



### Challenge

Customer faced **supply-chain issues** with existing mixer.

\*Re Mixers supply chain has remained unbroken over the last three years

### Solution

Distributor sampled Xemex to customer for internal evaluation.

### Result

In sampling, customer discovered Xemex advantages:

- Improved **ergonomics**
- Reduced **material waste**

Customer purchased a year's supply of Xemex nozzles.



SKU: X2-B8-7S  
 EAS: EDSQ08-7YS  
 UPC: 850018230001

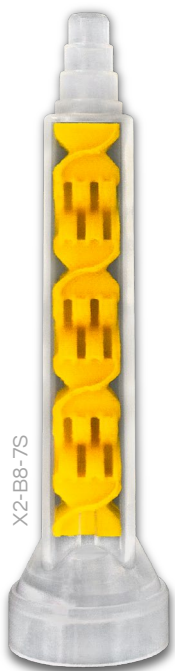
# Case Study

## xemex<sup>®</sup>

(ze'meks)

### Background

Region	United States (Midwest)
Industry	Electronics Manufacturing
Application	PCB Potting/Encapsulation Manual Applicator Bell-Style Cartridge
Formulation	ResinLab EP965LVLX Epoxy (1:1) 2,800 cPs



### Challenge

Supply-chain shortages forced switch to **EP965LVLX**. However, testing new material resulted in **soft spots** and **tackiness** when using previous mixers:

- **EA250-32** (1/4" x 32 Helical)
- **EA187-32** (.187" x 32 Helical)
- **EA300-006** (7.5mm x 24 Quadro)

### Solution

Distributor sampled Xemex for in-house testing at customer's facility.

### Results

After testing all four mixers, customer concluded that, "**Xemex was the only suitable solution**".





SKU: X2-B8-7S  
 EAS: EDSQ08-7YS  
 UPC: 850018230001

# Case Study

## xemex<sup>®</sup>

(ze'meks)

### Background

Region	United States (South)
Industries	General, Electronics
Application	Potting & Sealing (Water Meter Registers) Pneumatic Applicator Bell-Style Cartridge (400 mL)
Formulation	Henkel Loctite Urethane (2:1) Viscosity: 900 cPs Short Pot Life: < 10 min



Compound Register



Residential Meter

### Challenge

Multiple issues were cited by manufacturer:

- Mixer lengths made dispensing **difficult for operator**
- Previous mixers were viewed as very **wasteful**

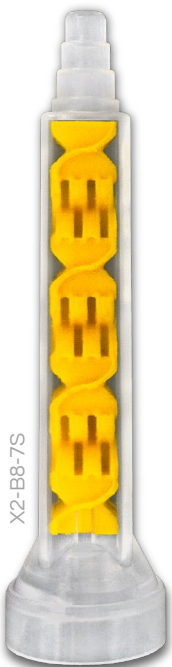
### Solution

Distributor sampled Xemex for in-house testing. Customer verified mixing performance with hardness and lap-shear testing.

### Results

Customer purchased Xemex for their production of industrial and residential water meters, citing the following reasons:

- Greater **versatility**
- Improved **ergonomics**
- Reduced **material waste**





# Technical Datasheet

## xemex<sup>®</sup> (zelmeks)

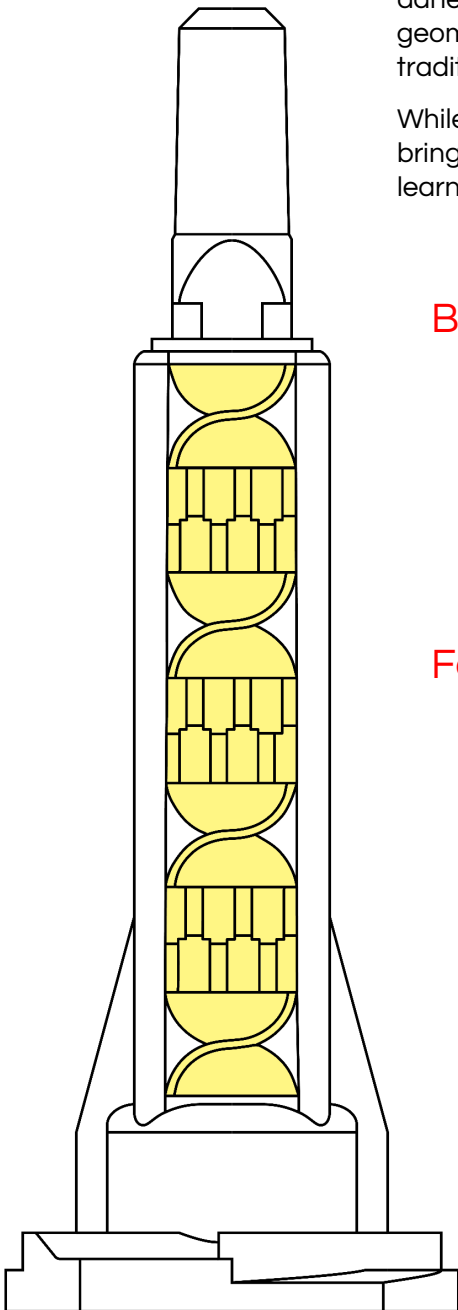
SKU: X2-Y5-7T

EAS: EDSQ05-7YLS

UPC: 850018230032

Xemex is a revolutionary new mixing technology for dispensing two-part adhesives. By utilizing additive manufacturing, Xemex's optimized insert geometry allows seven elements to provide better mixing than 32 or more traditional square and helical mixer elements.

While providing immediate savings in lost adhesive, Xemex's shorter profile brings dispensing much closer to your work surface. Request samples and learn about our full line of Xemex mixing nozzles at [remixers.com](http://remixers.com).



### Benefits

- Improves 2k adhesive mixing
- Reduces material waste by up to 75%
- Increases operator dexterity and accuracy
- Simplifies manufacturing to fewer mixer SKUs
- Made in the USA, ensuring faster, more reliable lead times

### Features

- Xemex's patented mixing technology
- Polyester inserts for moisture-sensitive formulations
- Luer-Slip tip for easy use with needle tips and accessories
- Optimized for epoxy, methacrylate, urethane, and silicone
- Bayonet connection for use with standard twist-lock cartridges

Insert Material:	Polyester - Yellow
Housing Material:	Polypropylene
Connection Style:	Bayonet
Nozzle Tip:	Luer-Slip
Inner Diameter:	5.3 mm
Insert Assembly:	7 elements
Total Length:	50 mm
Retained Volume:	0.6 mL
Ratios Served:	1:1, 2:1, 4:1, 10:1

Enlarged to show features

2

1



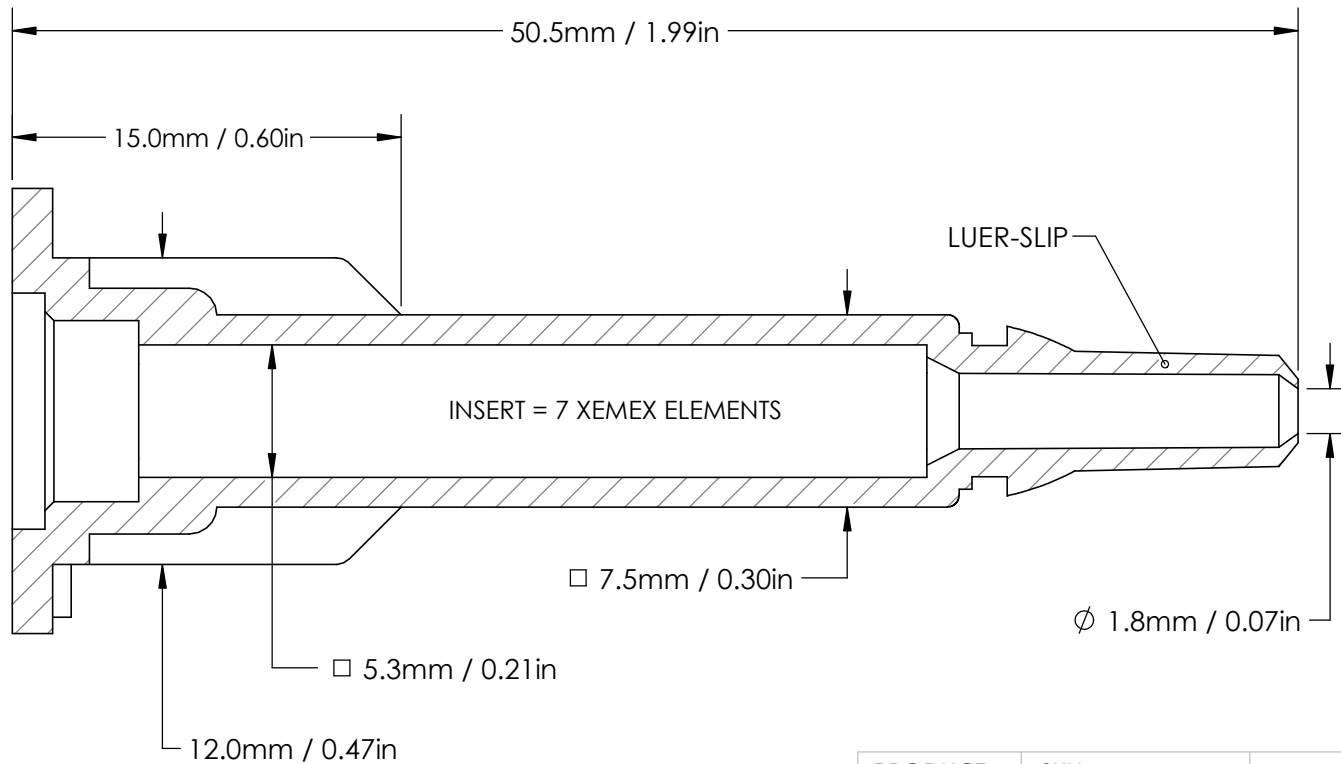
# Dimensional Drawing

## xemex<sup>®</sup>

X2-Y5-7T

B

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2

1

PRODUCT XEMEX	SKU X2-Y5-7T	Re Mixers, Inc.	
MATERIAL Insert: Polyester (Yellow) Housing: Polypropylene (Clear)		DATE: 221205	REV: 1.8
		SIZE A	SCALE 4:1 SHEET 1 OF 1

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# Technical Datasheet

## xemex<sup>®</sup> (zelmeks)

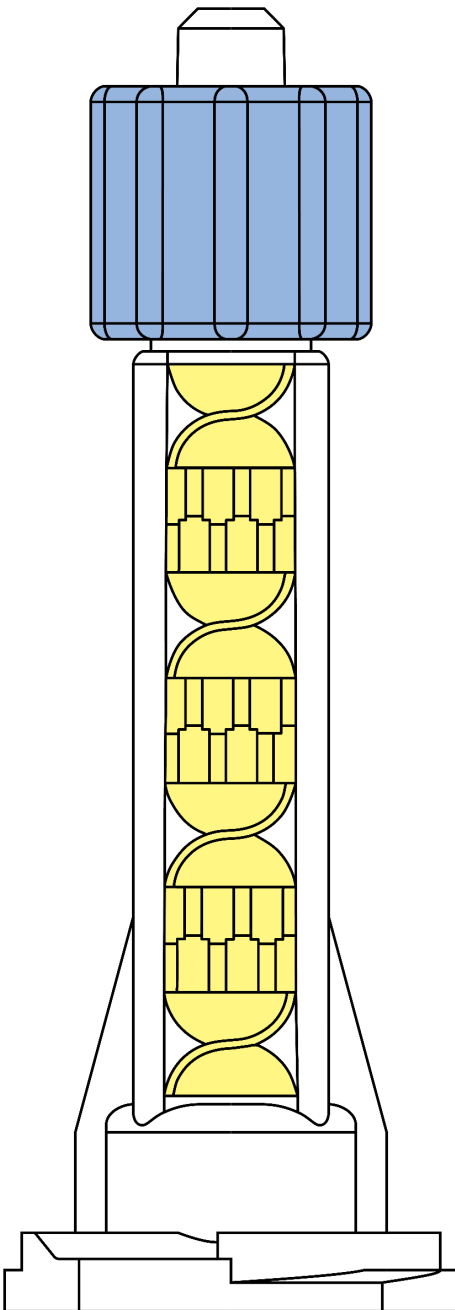
SKU: X2-Y5-7L

EAS: EDSQ05-7YLL

UPC: 850018230049

Xemex is a revolutionary new mixing technology for dispensing two-part adhesives. By utilizing additive manufacturing, Xemex's optimized insert geometry allows seven elements to provide better mixing than 32 or more traditional square and helical mixer elements.

While providing immediate savings in lost adhesive, Xemex's shorter profile brings dispensing much closer to your work surface. Request samples and learn about our full line of Xemex mixing nozzles at [remixers.com](http://remixers.com).



Enlarged to show features

### Benefits

- Improve 2k adhesive mixing
- Reduce material waste by up to 75%
- Increase operator dexterity and accuracy
- Simplify manufacturing to fewer mixer SKUs
- Made in the USA, ensuring faster, more reliable lead times

### Features

- Xemex's patented mixing technology
- Polyester inserts for moisture-sensitive formulations
- Luer-Lock tip for easy use with needles and accessories
- Optimized for epoxy, methacrylate, urethane, and silicone
- Bayonet connection for use with standard twist-lock cartridges

Insert Material:	Polyester - Yellow
Housing Material:	Polypropylene
Connection Style:	Bayonet
Nozzle Tip:	Luer-Lock
Inner Diameter:	5.3 mm
Insert Assembly:	7 elements
Total Length:	50 mm
Retained Volume:	0.6 mL
Ratios Served:	1:1, 2:1, 4:1, 10:1

2

1



# Dimensional Drawing

# xemex<sup>®</sup>

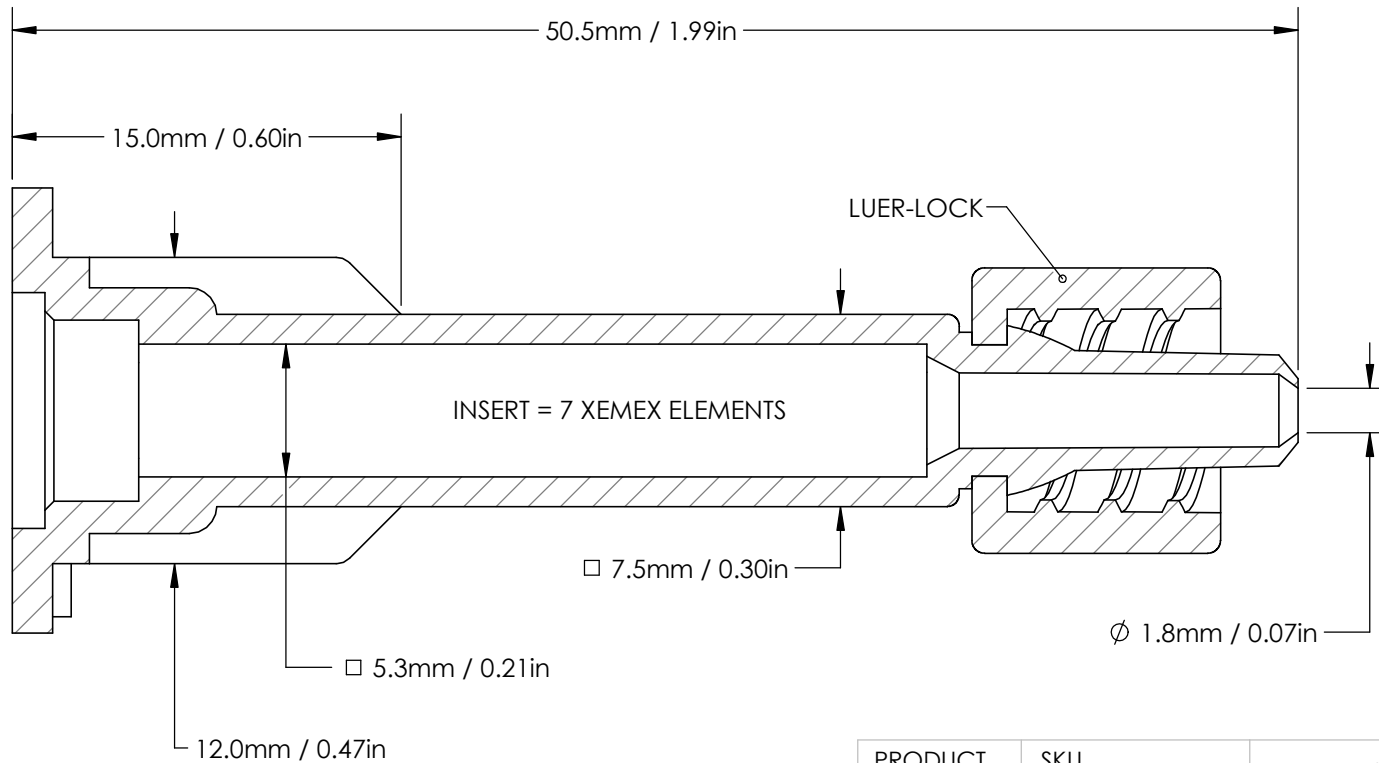
X2-Y5-7L

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PRODUCT XEMEX	SKU X2-Y5-7L	Re Mixers, Inc.	
MATERIAL Insert: Polyester (Yellow) Housing: Polypropylene (Clear)		DATE: 221201	REV: 1.0
		SIZE A	SCALE 4:1 SHEET 1 OF 1

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2

1



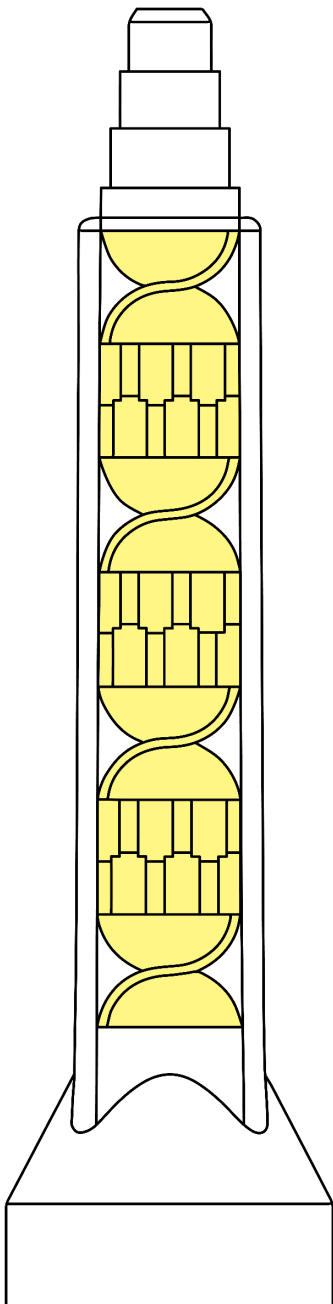
SKU: X2-B8-7S  
EAS: EDSQ08-7YS  
UPC: 850018230001

# Technical Datasheet

## xemex<sup>®</sup> (zeimeks)

Xemex is a revolutionary new mixing technology for dispensing two-part adhesives. By utilizing additive manufacturing, Xemex's optimized insert geometry allows 7 elements to provide better mixing than 32 or more traditional square and helical mixer elements.

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Enlarged to show features

### Benefits

- Improves 2k adhesive mixing
- Reduces material waste by up to 75%
- Increases operator dexterity and accuracy
- Simplifies manufacturing to fewer mixer SKUs
- Made in the USA, ensuring faster, more reliable lead times

### Features

- Xemex's patented mixing technology
- Optimized for epoxy, methacrylate, urethane, and silicone
- Compatible across common adhesive ratios: 1:1, 2:1, 4:1, 10:1
- Bell connection for use with most cartridge & meter-mix systems
- Stepped nozzle tip for adjusting outlet diameter and bead profile
- Hydrophobic polyester inserts for moisture-sensitive formulations

### Remixers.com

- Sample Xemex risk-free
- Download technical white papers
- Understand the science of adhesive mixing
- Learn more about Xemex mixing technology

Insert Material:	Polyester - Yellow
Housing Material:	Polypropylene
Connection Style:	Bell - Straight
Nozzle Tip:	Stepped
Inner Diameter:	8.7 mm
Insert Assembly:	7 elements
Total Length:	78 mm
Retained Volume:	2.5 mL
Ratios Served:	1:1, 2:1, 4:1, 10:1
Systems Served:	Cartridge & Meter-Mixing

2

1



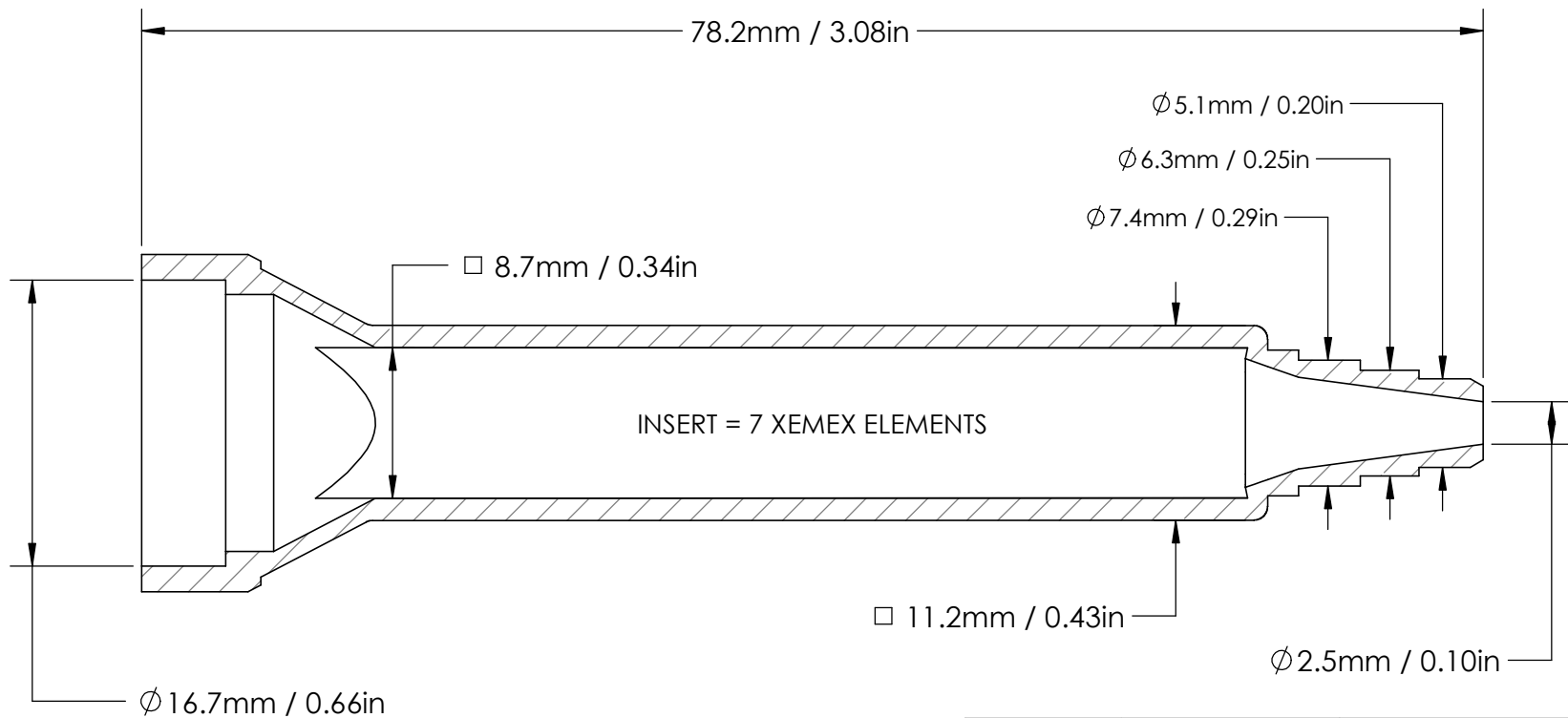
# Dimensional Drawing

# xemex<sup>®</sup>

X2-B8-7S

B

B



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1

PRODUCT XEMEX	SKU X2-B8-7S	Re Mixers, Inc.	
MATERIAL Insert: Polyester (Yellow) Housing: Polypropylene (Clear)		DATE: 220801	REV: 4.0
SIZE A	SCALE 5:2 SHEET 1 OF 1		

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SKU: X2-B8-7L  
EAS: EDSQ08-7YLL  
UPC: 850018230025

# Technical Datasheet

# xemex<sup>®</sup>

(zɛmɛks)

Xemex is a revolutionary new mixing technology for dispensing two-part adhesives. By utilizing additive manufacturing, Xemex's optimized insert geometry allows 7 elements to provide better mixing than 32 or more traditional square and helical mixer elements.

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## Benefits

- Improves 2k adhesive mixing
- Reduces material waste by up to 75%
- Increases operator dexterity and accuracy
- Simplifies manufacturing to fewer mixer SKUs
- Made in the USA, ensuring faster, more reliable lead times

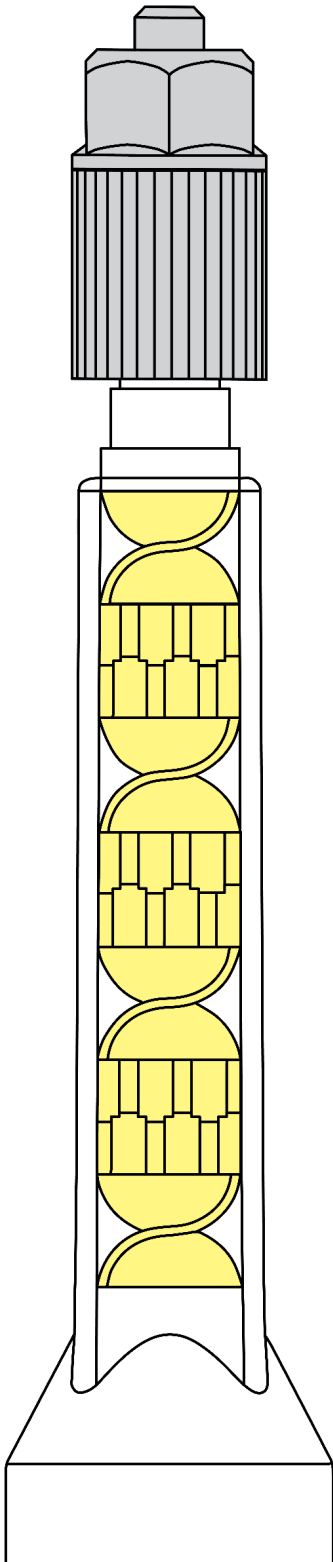
## Features

- Xemex's patented mixing technology
- Optimized for epoxy, methacrylate, urethane, and silicone
- Compatible across common adhesive ratios: 1:1, 2:1, 4:1, 10:1
- Bell connection for use with most cartridge & meter-mix systems
- Luer-Lock tip for high precision needle dispensing applications
- Hydrophobic polyester inserts for moisture-sensitive formulations

## Remixers.com

- Sample Xemex risk-free
- Download technical white papers
- Understand the science of adhesive mixing
- Learn more about Xemex mixing technology

Insert Material:	Polyester - Yellow
Housing Material:	Polypropylene
Connection Style:	Bell - Straight
Nozzle Tip:	Luer-Lock
Inner Diameter:	8.7 mm
Insert Assembly:	7 elements
Total Length:	90 mm
Retained Volume:	2.7 mL
Ratios Served:	1:1, 2:1, 4:1, 10:1
Systems Served:	Cartridge & Meter-Mixing



Enlarged to show features



2

1



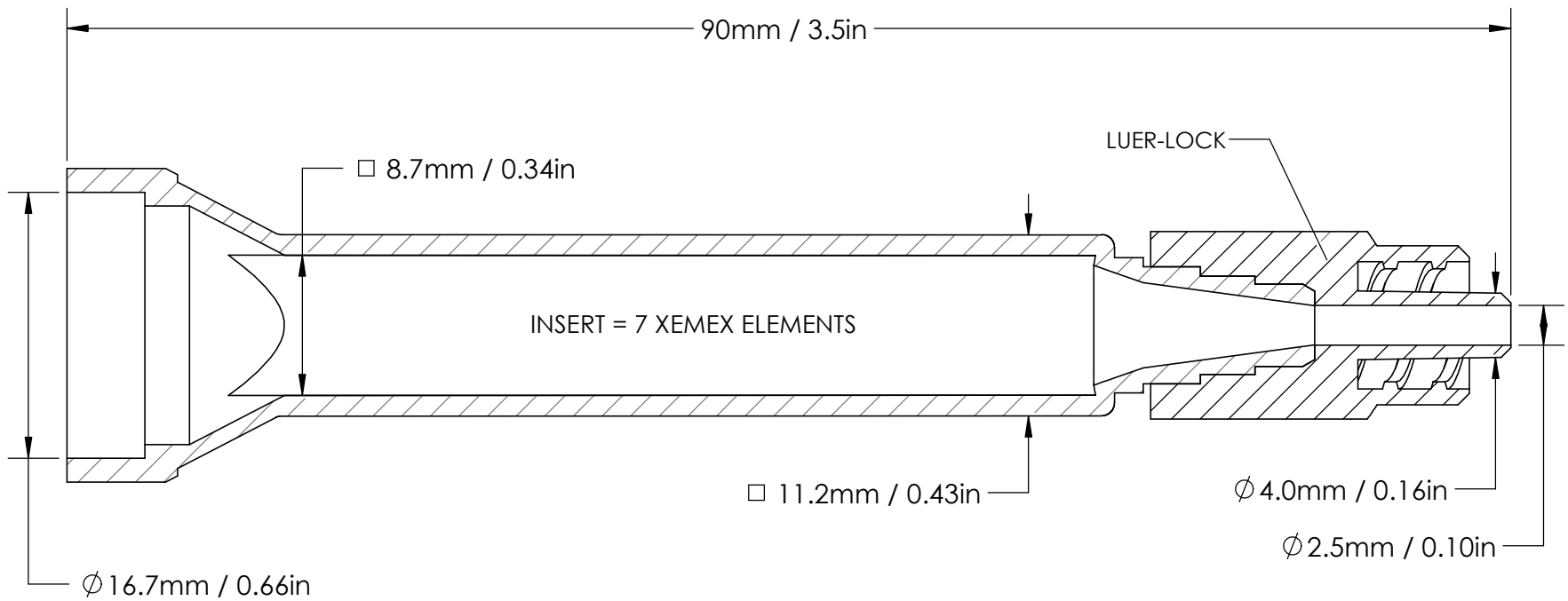
# Dimensional Drawing

# xemex<sup>®</sup>

X2-B8-7L

B

B



A

A

2

1

PRODUCT XEMEX	SKU X2-B8-7L	Re Mixers, Inc.	
MATERIAL Insert: Polyester (Yellow) Housing: Polypropylene (Clear)		DATE: 220801	REV: 4.0
		SIZE A	SCALE 5:2 SHEET 1 OF 1

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