# **Micro Precision Nozzles**



Actual product may differ from the image shown

#### Features and Benefits:

- Precise exit apertures as small as 0.002 in or 50 µm
- · High flow rates
- High precision
- Reduces dispense pump pressure
- · Resists clogging and stringing, improves fluid break-off
- Convenient polypropylene hub is colored to indicate size
- · Low-restriction design allows use of smaller size
- Minimal run-out
- · Decreased process variability
- · Increased accuracy

#### Material:

Nickel Silver UNS C73500 P/N Designator 03

### Coating:

• NC	No Coating	P/N Designator 00
• EN	Electroless Nickel	P/N Designator 01
<ul><li>NPTFE</li></ul>	Nickel PTFE	P/N Designator 04
• NP	Nickel Polymer Type SLK	P/N Designator 05



#### ADVANCING THE SCIENCE OF FLUID DELIVERYTM

## **Approximate Temperature Range for Material & Coatings:**

- Hub Material
  - A-100, Polypropylene, Colored
  - -10° F to 212° F | -23° C to 100° C
- Core Material
  - NC, Nickel Silver, 72.0% Cu, 10.0% Zn, 18.0% Ni
  - -328°F to 572°F | -200°F to 300°C
- · Core Coating
  - EN, NPTFE, NP
  - -250°F to 550°F | -157°C to 288°C

#### Specification:

• ISO 594/1 - 1986 (Standard Luer Taper)

### **Approximate Weight (product):**

• 0.016 oz | 0.454 g

## Approximate Total Weight (single part package):

• 0.056 oz | 1.59 g

### **Nominal Overall Length:**

• 0.709 in | 18 mm

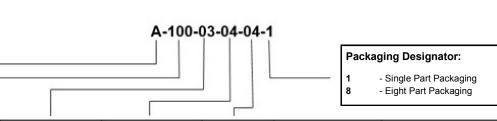
Nozzles with exit apertures as small as 0.004 inch ID can be

## **Example Part Number Selection:**

A-100 - Hub Assembly Prefix03 - Phosphor Bronze Material04 - Nickel PTFE Coating

**04** - Gage

- Packaging Type Single



Hub Color	Hub Assembly Prefix	Material	Coating	Size	Nominal ID / OD (in)	Nominal ID / OD (mm)
Neon Blue	A-100	Nickel Silver (03)	NC (00) EN (01) NPTFE (04) NP (05)	06	0.006 / 0.010	0.159 / 0.244
Neon Orange	A-100	Nickel Silver (03)	NC (00) NPTFE (04)	04	0.004 / 0.008	0.108 / 0.208
Neon Yellow	A-100	Nickel Silver (03)	NC (00)	02	0.002 / 0.007	0.057 / 0.169