

Standard Gage Precision Nozzle Cores



Actual product may differ from the image shown



ADVANCING THE SCIENCE OF FLUID DELIVERY™

Approximate Temperature Range for Materials & Coatings:

- Core Material
 - NC, Phosphor Bronze, 94.8% Cu, 5.0% Sn, trace P
-328°F to 572°F | -200°C to 300°C
 - 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
 - PY
-328°F to 302°F | -200°C to 150°C

Features and Benefits:

- Nozzle cores have all performance attributes of standard gage precision nozzles
- Nozzle cores can be used alone or with a reusable hub
- Replace only the wetted path
- Reduces time consuming cleaning
- Less waste by weight for disposal
- Can be used in low, ambient or elevated temperatures

Material:

- Phosphor Bronze UNS C51000 P/N Designator 02
- Nickel Silver UNS C73500 P/N Designator 03

Coating:

- NC No Coating P/N Designator 00
- EN Electroless Nickel P/N Designator 01
- NPTFE Nickel PTFE P/N Designator 04
- NP Nickel Polymer Type SLK P/N Designator 05
- PY *Contact for availability Parylene Type C P/N Designator 06

Specification:

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

Approximate Weight (product):

- 0.008 oz | 0.23 g

Approximate Total Weight (single part package):

- 0.024 oz | 0.68 g

Nominal Overall Length:

- 0.709 in | 18 mm

Example Part Number Selection:

- C-001** - Hub Assembly Prefix
02 - Phosphor Bronze Material
04 - Nickel PTFE Coating
18 - Gage Size
1 - Packaging Type Single

C-001-02-04-18-1

Packaging Designator:

- 1** - Single Part Packaging
8 - Eight Part Packaging

Core Prefix	Material	Coating	Gage Size	Nominal ID / OD (in)	Nominal ID / OD (mm)
C-001	Phosphor Bronze (02) Nickel Silver (03)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	18	0.041 / 0.049	1.039 / 1.240
C-001	Phosphor Bronze (02)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	19	0.034 / 0.042	0.859 / 1.059
C-001	Phosphor Bronze (02)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	20	0.027 / 0.035	0.681 / 0.879
C-001	Phosphor Bronze (02)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	21	0.024 / 0.032	0.610 / 0.810
C-005	Phosphor Bronze (02) Nickel Silver (03)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	23	0.022 / 0.025	0.564 / 0.635
C-005	Phosphor Bronze (02) Nickel Silver (03)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	25	0.017 / 0.020	0.437 / 0.508
C-005	Phosphor Bronze (02) Nickel Silver (03)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	27	0.013 / 0.016	0.335 / 0.406
C-005	Phosphor Bronze (02) Nickel Silver (03)	NC (00) EN (01) NPTFE (04) NP (05) PY (06)	30	0.009 / 0.012	0.234 / 0.305

*Nominal dimensions apply to uncoated nozzles