

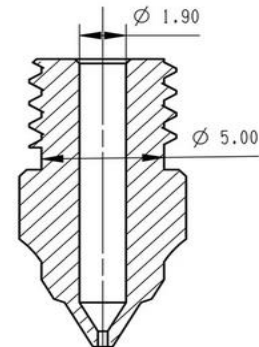
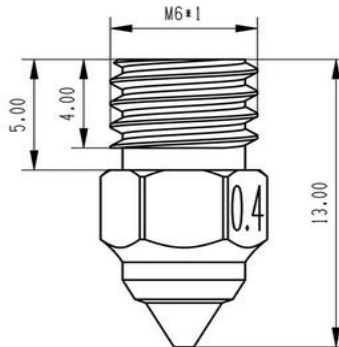
Technical Data Sheet



10/23 - V1.0

20-SE60CR

SIUTEC SE6 PREMIUM Nozzle - 1.75mm Copper Chrome-Zirconium Alloy



Features

- High Thermal Conductivity:** Copper base allows for rapid heat-up and consistent temperatures.
- Wear Resistance:** The inclusion of chrome and zirconium enhances wear resistance.
- Corrosion Resistant:** Suitable for varied environments with reduced risk of corrosion.
- Enhanced Mechanical Strength:** Zirconium and chrome additions bolster mechanical resilience.
- Stability at High Temperatures:** Retains structural integrity at elevated temperatures.
- Less Prone to Oxidation:** Compared to pure copper, the alloy is less likely to oxidize

Printer List

Product Specifications

Filament diameter
Nozzle diameter
Size
Thread
Material
Tolerance
Maximum Printing Temperature
Hardness (Mohs)
Thermal Conductivity
Expansion Coefficient

1.75mm
0.25mm / 0.4mm / 0.6mm / 0.8mm
13x6mm
M6
Copper Chrome-Zirconium Alloy
± 0.01mm
x > 999°C
6,5
323 W/mK
17,1 µm/m*T

Applicable Materials

PLA, PLA+, ABS, TPU,PA, PEEK,PEI,Carbon Fiber,Fiberglas,Wood
Fiber, Metalfber, etc