
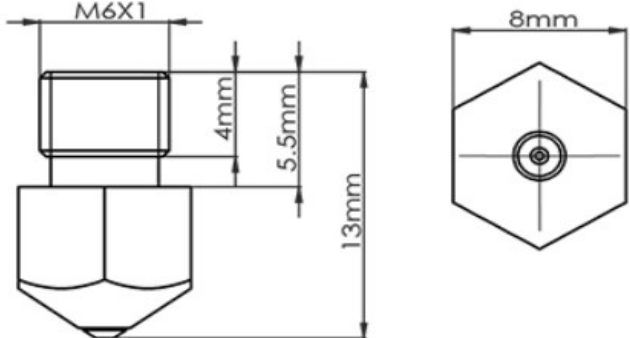



Technical Data Sheet		10/23 - V1.0
		20-V560RU
SIUTEC V5/V6 PREMIUM Nozzle - 1.75mm Brass Ruby Tip		
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Features		
<p><b>High Thermal Conductivity:</b> Brass allows for rapid heat-up and consistent temperatures.</p> <p><b>Exceptional Wear Resistance:</b> Ruby tip ensures minimal wear, even with highly abrasive filaments.</p> <p><b>Precision:</b> Ruby's hardness allows for a very precisely machined orifice, ensuring consistent extrusion.</p> <p><b>Versatility:</b> Suitable for a broad range of filaments, especially abrasive ones like carbon-fiber filled or glow-in-the-dark materials.</p> <p><b>Longevity:</b> The combination of brass and ruby ensures a longer nozzle lifespan compared to pure brass.</p> <p><b>Low Friction:</b> Ruby offers a smooth surface, reducing filament friction.</p>		
Printer List		
Prusa i3, Anycubic i3 Mega S, Anycubic Chiron, Anycubic 4MAX, Anycubic Vyper, Anycubic Kobra, Anycubic Kobra Max, E3D V5 Hotend, E3D V6 Hotend		
Product Specifications		
Filament diameter Nozzle diameter Size Thread Material Tolerance Maximum Printing Temperature Hardness (Mohs) Thermal Conductivity Expansion Coefficient	1.75mm 0.4mm 13x8mm M6 Brass Ruby Tip ± 0.01mm 300°C 3 (Brass Body), x > 9 (Ruby Tip) 125 W/mK 17 μm/m*T	
Applicable Materials	PLA, PLA+, ABS, TPU,PA, PEEK,PEI,Carbon Fiber,Fiberglas,Wood Fiber, Metafiber, etc	