

BLOCK 3-Matchless 2016 - the Ultimate (..) UM2/ + Hotend

- Drop in compatible with UM2* / UM2+
- Compatible with E3D & old style 3D Solex
- Everything is forwards/backwards compatible.

WE HAVE REACHED UM2+ CPU LIMIT:**
 -CPU overload at high speeds

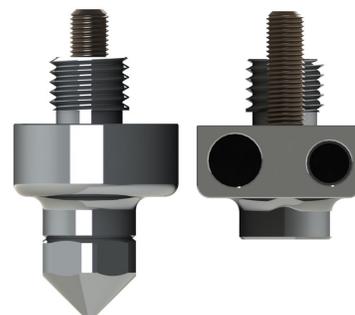


- Certain build tolerances 4/1.000mm or better required and provided!
- Prints equally fast at lower temp.
- Prints faster at same/higher temp.

HIGHLIGHTS

- All holes optimized in diameter
- less hydraulic backlash,
- safer slow printing
- Heater hole re-engineered
- improved heat dispersal
- Sensor hole optimized

- Re-engineered cartridge holder
- much safer for cartridge
- extra holes removed



Chamfer of tower
 -cannot break
 -much more heat transfer



Incredibly tough surface
 -multi layer coating
 Conical nozzle entry
 - all in all about 50% more contact with nozzle



Internal cavities optimized
 -better heat transfer

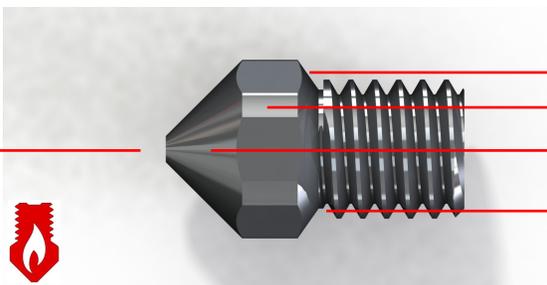
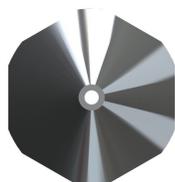


Large number of improvements
-heat it where it matters!

- Matchless Nozzles (comp. w/3D Solex/UM2+/E3D,etc)
- unparalleled production quality & surface finish
 - unparalleled printing speed
 - lower printing temperature

- Matchless Nozzles Race & Standard
- 0.10-0.15-0.25mm (Std)
 - 0.40-0.60-0.80-1.0-1.5-2.0 RACE

Internal core heating system



- Conical full contact w/Block 3
- Redesigned outer Hex
- Fantastic surface finish
- 100% Threading!

* Benefits from 35W 3D Solex heater
 ** With improved feeder

Made in Norway by an ISO 9001 corporation.
 Several patents and trademarks in progress.