



V6 Hardened Steel Nozzles

V6-HS

Prices vary according to nozzle diameters.

Variants

Diameter

1.75mm

3mm

Orifice Diameter

0.25mm

0.30mm

0.35mm

0.40mm

0.50mm

0.60mm

0.80mm

Number of Dots	Diameter
2 Diagonal	0.15mm
0	0.25mm
1	0.30mm
2	0.35mm
3	0.40mm
6	0.50mm
4	0.60mm
5	0.80mm

Overview

Hardened abrasion-resistant nozzles developed to last a lifetime. 3D printing with abrasives such as carbon fiber, glow-in-the-dark PLA or even filled filaments like woodfill all take their toll on a standard nozzle, where hardened steel will last and last. These nozzles are fully integrated into the E3D Ecosystem and will fit V6, Lite6, and Titan Aero HotEnds, and are compatible with Prusa 3D printers. E3D nozzle sizes are easily identifiable by dots drilled onto their hex flats.

Description

Paying a little extra for a hardened, wear-resistant nozzle makes both practical and economic sense. By the time you've printed a single spool of abrasive filament you're saving money. It also saves a lot of time as you won't be constantly replacing worn out nozzles. And you'll be future-proofed for upcoming materials; E3D is sure that these nozzles should be able to handle just about anything that material manufacturers think of next.

Because of the thermal and chemical treatment applied to the nozzle they do have a bit of a dark, sometimes uneven looking coloration and surface finish, and there can be a small amount of residue on the nozzles despite our final cleaning process. The coloration variance is normal and doesn't affect function. Any residue left on the nozzle will quickly be flushed in the first few millimetres of extrusion, especially if you flush it out with an abrasive filled material!

All nozzles in the series are now individually identifiable with markings on the flats of the hex head making them even more convenient to work with. See table for identification.