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ULTIMAKER S5



SS - UM3 HARDCORE TRI-X

HardCore Tri-X - ships with 3 nozzles in the same size!
 Every nozzle can now be easily replaced! Micro nozzles and Everlast Sapphire nozzles available.
12 Month Guarantee on electronics, heater, temp sensor.
 (Nozzles are consumables, but can now be changed easily and inexpensively!)

The HardCore is easily distinguishable, since the aluminium cooler is now red and the block has a hard plate finish. The internal and external thermal properties now exceed those of the original block. The heater and temp sensor have better contact with the block. The mass is lower.

The HardCore is a drop-in replacement for the standard Print Core AA.
 We add 12 month guarantee!

HardCore ships with tools for nozzle change and 3 x 0.40 Nozzles

There are the following configurations available:

HardCore Tri-X 25 : 3 x 0.25 mm Matchless nozzle.

HardCore Tri-X 40 : 3 x 0.40 mm Matchless nozzle.

HardCore Tri-X 50 : 3 x 0.50 mm Matchless nozzle.

HardCore Tri-X 60 : 3 x 0.60mm Matchless nozzle.

HardCore Tri-X 80 : 3 x 0.80mm Matchless nozzle.

HardCore Tri-X 100 : 3 x 1.0 mm Matchless nozzle.

HardCore Nozzle nozzles available separately:

0.10mm Sub-Micro Nozzle Coated Brass (world's smallest)

0.15mm Micro Nozzle Coated Brass

0.25mm Coated Brass + ICE

0.40mm Coated Brass + ICE

0.50m STEEL + ICE nozzle

0.60mm Coated Brass + ICE

0.80mm Coated Brass + ICE

1.00mm Coated Brass + ICE

HardCore EVERLAST Ruby Sapphire Nozzles

0.25mm

0.40mm

0.50mm

0.60mm

0.80mm

1.00mm

These are superhard nozzles, which print just as fast as the other non-steel nozzles, but will not be destroyed by abrasive filaments.

Additional Information
 All parts are surface hardened (not SS nozzle) and of exceptional quality.

Each nozzle is a tiny little masterpiece and of a uniquely high built quality (not 0.50 mm SS which is a standard nozzle). We are pressing the prices down to a reasonable level, you and your printer deserve it!

Warning: The nozzles will not fit any other block.

The HardCore can only use these nozzles. Mixing other nozzle/ blocks will destroy both block and nozzle. Guarantee does not cover destroyed Block / nozzle due to threading failure.

* Guarantee: The Core is classified as a consumable. This means that much like tires on a car it wears out quickly or slowly depending on use. However, we introduce a limited guarantee for our HardCore customers. Since we carefully verify every HardCore, we offer the following guarantee: If you cannot yourself resolve HardCore problems you pay shipping to us + 49€, we fix ANY HardCore problems. While at it, we install a new PTFE and tracked return shipping (LSE). How can you lose?

The following part comes with a 12 month guarantee*.



SS-UM3 HARDCORE DIAMOND NOZZLE

DIAMOND tipped nozzle. We are supplying this nozzle to a German University.
 Diamond has exceptional thermal properties, far outshining any other known mineral or metal.

World's fastest and biggest
3D Solex WORLD CLASS



MATCHLESS

These nozzles will allow you to print spool after spool of ANY material. Our clients appreciate the following two features:
 1) The tip will never wear out from printing
 2) The tip is always "hot", so releases filaments better than any other nozzle.
 There is a 1 year guarantee on this nozzle.
 1) If it clogs us, we fix it.
 2) If the tip wears out, you get a new nozzle.
 This nozzle us built with our patented MATCHLESS technology. These parts inside the nozzle will wear out.
 The guarantee cannot cover this worn out mechanism. In the event that you should irreversibly clog this nozzle, we will restore the nozzle and drill out the Matchless core. The nozzle will then behave like any ordinary nozzle, speed-wise. The diamond tip will still be hot.

We soon also have 0.50mm DIAMOND! This is perfect for architects and model engineers, for a sometimes better "relation" to the slicer in a metric model. Example when walls are 0.50 mm, 1.0mm, and so on. We are making this nozzle for Google and are now adding it to our catalog, for you. Printing Carbon Fibre on a standard Core will destroy it completely in a few hours, or less than 500g filament.
 This nozzle can print all day long, month after month.

Weight N/A
 Dimensions N/A
 Choose Size (mm) 0.50, 0.60, 0.80

[Read More](#)

Variations

SKU	Description	Choose Size (mm)	Price
7072482001717		0.50	€ 330,00
7072482001724		0.60	€ 330,00
7072482001731		0.80	€ 330,00

SKU: N/A
 Price: € 330,00
 Categories: [Ultimaker SS](#), [Ultimaker 3](#), [Ultimaker 3 Nozzles](#)

It replaces this, with the exception that it does take a little longer to replace a nozzle than to replace the whole core.



Weight 0.15 kg
 Dimensions 15 x 10 x 3 cm
 Choose Version Tri-X 25, Tri-X 40, Tri-X 50, Tri-X 60, Tri-X 80, Tri-X 100

[Read More](#)

Variations

SKU	Description	Choose Version	Price
7072482001588	Includes 3 x 0.25 mm ICE nozzle (slippery outside), 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	Tri-X 25	€ 189,00
7072482001595	Includes 3 x 0.40 mm ICE nozzle (slippery outside), 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	Tri-X 40	€ 189,00
7072482001601	Includes 3 x 0.50 mm ICE nozzle (slippery outside), 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	Tri-X 50	€ 189,00
7072482001618	Includes 3 x 0.60 mm ICE nozzle (slippery outside), 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	Tri-X 60	€ 189,00
7072482001625	Includes 3 x 0.80 mm ICE nozzle (slippery outside), 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	Tri-X 80	€ 189,00
7072482001632	Includes 3 x 1.0 mm ICE nozzle (slippery outside), 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	Tri-X 100	€ 189,00

SKU: N/A
 Price: € 189,00
 Categories: [Ultimaker SS](#), [UM3 Hard Core](#), [Ultimaker 3](#)

ULTIMAKER Upgrades-3D Printer Nozzles



SS - UM3 Hardcore PVA BB

HardCore PVA - BB.
No more forever stuck PVA.
 Includes 2 nozzles!
 When irrecoverably stuck; just change nozzle.
12 Month Guarantee on electronics, heater, temp sensor and 3d Solex Block (Nozzles are consumables, but can now be changed easily and inexpensively).
 The Hardcore PVA BB is easily recognizable, since the aluminium cooler is now **red** and the block has a multilayer metal and final hard metal finish. The internal and external thermal properties exceed those of the standard block. The heater and temp sensor have better contact with the block. The mass is lower.
 The Hardcore PVA BB is a drop-in replacement for the standard print Core BB. We add 12 month guarantee!
 Hardcore PVA BB ships with tools for nozzle change and 2 nozzles.
 0.40mm Coated Brass + "ICE" (non-sticky surface)
 0.60mm Coated Brass
Optional extras:
 Various nozzles sizes.
 There is no 0.25mm nozzle for PVA BB, you can use an 0.25 nozzle for the Hardcore (AA), but it will sometimes drip a little unless you very carefully tune the temperature.
 Extra Hardcore PVA BB Nozzle kits:
 1/4 x 0.40mm for PVA BB Coated Brass "ICE" (non-sticky surface)
 1/4 x 0.60mm for PVA BB Coated Brass
Additional information
 All nozzles are brass with a hard layer.
 Each nozzle is a tiny little masterpiece and of a uniquely high build quality (AA: not 0.50 mm SS which is a standard nozzle). We are pressing the prices down to a reasonable level, you and your printer deserve it!
Warning: The nozzles will not fit any other block.
 The Hardcore can only use these nozzles. Mixing other nozzles/ blocks will destroy both block and nozzle. Guarantee does not cover destroyed Block / nozzle due to threading failure.
 You can use the Hardcore Pro nozzles on this PVA BB Hardcore.
 *Guarantee: The Core is classified as a consumable. This means that much like tires on a car it wears out quickly or slowly depending on use. However, we introduce a limited guarantee for our Hardcore customers. If you cannot yourself resolve Hardcore problems you pay shipping to us + 49€, we fix ANY Hardcore problems. While at it, we install a new PTFE and tracked return shipping. How can you loose?
 The following part with 1 additional nozzle (total 2) comes with a 12 month guarantee*.



Weight 0.110 kg

[Read More](#)
SKU: 7072482001571
Price: € 189,00
Categories: [Ultimaker SS](#), [UM3 Hard Core](#), [Ultimaker 3](#)



SS - UM3 Hardcore EVERLAST RUBY SAPPHIRE NOZZLE

Super hard and super fast nozzles for Ultimaker Hardcore.
You can now print almost any abrasive material.
Almost forever!



-some of the Everlasts...
 These nozzles will allow you to print spool after spool of Carbon Fibre, Bronzerfill and other abrasive materials. They also leave a particularly beautiful print with PLA, ABS and other filaments.

We now also have 0.50mm EVERLAST! This is perfect for architects and engineers, for a sometimes better "relation" to the slicer in a metric model. Example when walls are 0.50 mm, 1.0mm, and so on. We are making this nozzle for Google and are now adding it to our catalog, for you.
 Printing Carbon Fibre on a standard Core will destroy it completely in a few hours, or less than 500g filament.
 This nozzle can print all day long, week after week.
 Many users experience that the EVERLAST Ruby "paid itself back" after 1 time use only!

Weight 0.020 kg
Dimensions N/A
Choose Size (mm) 0.25, 0.40, 0.50, 0.60, 0.80, 1.2, all 6

[Read More](#)

Variations

SKU	Description	Choose Size (mm)	Price
7072482001649		0.25	€ 64,00
7072482001656		0.40	€ 64,00
7072482001663		0.50	€ 64,00
7072482001670		0.60	€ 64,00
7072482001687		0.80	€ 64,00
7072482001694		1.2	€ 64,00
7072482001700	This great kit consists of ALL 6 Everlast Nozzles sized 0.25,0.40., 0.50,0.60,0.80-1.2mm for the UM3 Hardcore. 1 of the nozzles is "free" in the kit.	all 6	€ 320,00

SKU: N/A
Price: € 64,00 - € 320,00
Categories: [Ultimaker SS](#), [Ultimaker 3](#), [Ultimaker 3 Nozzles](#), [UM2 Nozzles](#)

ULTIMAKER Upgrades-3D Printer Nozzles



SS - UM3 HARDCORE

Hardcore replacement of up to 8 original Print Cores: - Nozzles: 0.10mm - 1.2mm.
 Every nozzle can now be easily replaced! Micro nozzles and Stainless nozzles already in programme, fantastic new additional products coming up on the coming weeks! -
12 Month Guarantee on electronics, heater, temp sensor.
 (Nozzles are consumables, but can now be changed easily and inexpensively!)

The Hardcore is easily distinguishable, since the aluminium cooler is now red and the block has a hard plate finish. The internal and external thermal properties now exceed those of the original block. The heater and temp sensor have better contact with the block. The mass is lower.
 The Hardcore is a drop-in replacement for the standard Print Core AA.
 We add 12 month guarantee!

- Hardcore ships with tools for nozzle change and choice of nozzles:
- Hardcore 2: 0.40 to 0.80mm nozzles, (2 nozzles)
- Hardcore 4: 0.25-0.40-0.60-0.80mm nozzles (4 in all)
- Hardcore 7: (7 nozzles in all):
 - 1 x 0.25 mm Coated Brass
 - 2 x 0.40 mm Coated Brass + "ICE" (Filament does not stick, wear resistant surface)
 - 1 x 0.50 mm Stainless Steel "ICE" (Filament does not stick, wear resistant surface)
 - 1 x 0.60 mm Coated Brass
 - 1 x 0.80 mm Coated Brass
 - 1 x 1.00 mm Coated Brass
- HardCore Nozzle kits available separately:
 - 1x/4x 0.10mm Sub Micro Nozzle Coated Brass (world's smallest)
 - 1x/4x 0.15mm Micro Nozzle Coated Brass
 - 0.25mm Coated Brass + ICE
 - 0.40mm Coated Brass + ICE (Filament does not stick, wear resistant surface)
 - 0.50m STEEL + ICE nozzle
 - 0.60mm Coated Brass + ICE
 - 0.80mm Coated Brass + ICE
 - 1.00mm Coated Brass + ICE

Hardcore EVERLAST Ruby Sapphire Nozzles

- 0.25mm
- 0.40mm
- 0.50mm
- 0.60mm
- 0.80mm
- 1.20mm

These are superhard nozzles, which print just as fast as the other non-steel nozzles, but will not be destroyed by abrasive filaments.

Additional information
 All parts are surface hardened (not SS nozzle) and of exceptional quality.

Each nozzle is a tiny little masterpiece and of a uniquely high build quality (not 0.50 mm SS which is a standard nozzle). We are reducing the prices down to a reasonable level, you and your printer deserve it!
 Warning: The nozzles will not fit any other block.
 The Hardcore can only use these nozzles. Mixing other nozzles/ blocks will destroy both block and nozzle.
 Guarantee: The Core is classified as a consumable. This means that much like tires on a car it wears out during its normal use. However, we introduce a limited guarantee for our HardCore customers. Since we carefully verify every HardCore we offer the following guarantee: If you cannot yourself resolve HardCore problems you pay shipping to us + 49€, we fix ANY HardCore problems. While at it, we install a new PTFE and Vasked nozzle (return shipping 15€). How can you lose?
 The following part with 5 additional nozzles comes with a 12 month guarantee!.



HARDCORE 0.15MM MICRO NOZZLE

0.15mm Micro Nozzle for Hardcore

Works with Hardcore SS / UM3 Pro

This is a fantastic quality product from 3D Solex.

For Experts only. Print confidently with 025 first, then switch to 0.15mm.

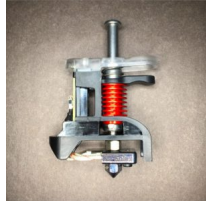
Weight: N/A
 Choose packaging: 1 piece, 4-pack

[Read More](#)

Variations

SKU	Description	Choose packaging	Price
7072482001359	4 pcs high precision nozzle. Fits HardCore Pro only.	4-pack	€ 149,00
7072482001458	1 piece high precision nozzle. Fits HardCore Pro only.	1 piece	€ 39,00

SKU: N/A
 Price: € 39,00 - € 149,00
 Categories: [Ultimaker SS](#), [Ultimaker 3](#), [Ultimaker 3 Nozzles](#)



It replaces this, with the exception that it does take a little longer to replace a nozzle than to replace the whole core.



Weight: 0.110 kg
 Dimensions: N/A
 Choose Version: HardCore Pro 2, HardCore Pro 4, HardCore Pro 7
[Read More](#)

Variations

SKU	Description	Choose Version	Price
7072482001540	Ships with 2 nozzles, 0.40-0.80mm + tools for nozzle change. 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	HardCore Pro 2	€ 189,00
7072482001557	HardCore Pro with 4 nozzles; 0.25,0.40,0.60, 0.80, tools for nozzle change. 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	HardCore Pro 4	€ 219,00
7072482001564	HardCore PRO with 7 nozzles; 0.25-2x 0.40-0.50-0.60-0.80-1.0mm + tools for nozzle change. 12 Month Guarantee on whole HardCore electronics including Heater and Temp Sensor, excluding nozzles and PTFE coupler.	HardCore Pro 7	€ 289,00

SKU: N/A
 Price: € 189,00 - € 289,00
 Categories: [Ultimaker SS](#), [UM3 Hard Core](#), [Ultimaker 3](#)



HARDCORE 0.10MM SUB MICRO NOZZLE

0.10mm Sub Micro nozzles for Hardcore.
 Works with Hardcore SS / UM3
 World's Smallest available nozzle.
 This is a fantastic quality product from 3D Solex.

Sub Micro nozzles for Hardcore.
 This is a fantastic quality product from 3D Solex.
 For Experts only. Print confidently with 0.15mm first, then switch to 0.10mm

Weight: 0.005 kg

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SKU: N/A
 Price: € 49,00
 Categories: [Ultimaker SS](#), [Bleeding Edge](#), [Ultimaker 3](#), [Ultimaker 3 Nozzles](#)