

UltiMaker print core

Product data sheet

Print core BB



UltiMaker

Higher Uptime, Faster Changeovers

Maximize print performance and machine uptime with our swappable, material-matching print cores. Set up your 3D printer in seconds, whether you need reliable build and support material combinations for geometric freedom, a different nozzle size, or to print in dual color.

Compatibility and Quality

Optimized for printing support structures, including water-soluble PVA support, the BB print core is designed with complex geometries in mind. The BB print core is available in two nozzle sizes, to match the speed or detail of the build material.

Key Features

- ✓ **Fast setup:** Quickly swap print cores and switch between different material combinations to minimize downtime.
- ✓ **Recognition:** The printer will automatically recognize the print core type and nozzle size for quick and error-free configuration changes.
- ✓ **PVA optimized:** The BB print core is specifically designed for water-soluble PVA material to reduce clogging issues.
- ✓ **Nozzle size choice:** Choose 0.8 mm to print support structures quickly, or 0.4 mm in combination with Breakaway or more detailed prints.
- ✓ **Easy maintenance:** Clean the BB print cores preventively every 400 printing hours, following the effective guided cleaning procedure.

Specifications

Print core type	BB
Filament diameter	2.85 mm
Temperature	Up to 280 °C
Nozzle sizes	0.4 mm (SKU 9530), 0.8 mm (SKU 9532)
Nozzle material	Brass (CuZn39Pb3)
Heater block material	Brass (CuZn39Pb3)
Heater cartridge	25W, 24V
Temperature sensor	PT100B
Memory	EEPROM
Box dimensions	126.7 × 121.3 × 21.5 mm
Warranty	Print cores are consumables and excluded from warranty

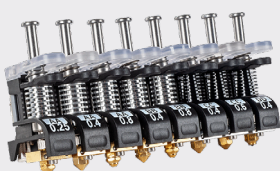
Compatibility

UltiMaker 3D printers	<ul style="list-style-type: none">• Factor 4• S series (S3, S5, S6, S7, S8)• UltiMaker 3 and 3 Extended
UltiMaker materials	<ul style="list-style-type: none">• PVA• Breakaway
Third-party materials	Also compatible with various third-party and Marketplace materials.

Note: The BB print core could also be used for UltiMaker build materials, but no profiles have been developed for this in UltiMaker Cura. Configuration warnings will be shown.

More print cores

For additional material-compatibility and features, see the other print core types that UltiMaker has available:



Print core AA

0.25, 0.4, and 0.8 mm
Compatible with a wide range of (non-abrasive) build materials..

Print core CC

0.4 and 0.6 mm
Designed for abrasion-resistance, for use with composite filaments.

Print core DD

0.4 mm
For support interface layers in combination with metal filament.

Print core HT

0.6 mm
For high-temperature materials such as PPS CF on Factor series.

Print core AA+

0.4 mm
Designed for high-speed, high-flow printing, with a quad-chamber design.

Print core CC+

0.6 mm
For reliable high-speed printing with abrasive composite materials.