UltiMaker Metal Expansion Kit

Product data sheet



Take advantage of a new range of metal 3D printing applications by upgrading the UltiMaker S5 and S7 with the Metal Expansion Kit. Its seamless workflow makes creating stainless steel parts easier, more efficient, and affordable.

How it works

1. Print with BASF Forward AM Ultrafuse® 17-4 PH stainless steel filament[1] to create a “green part”
2. Send your green part for post-processing by BASF’s network of certified debinding and sintering services
3. Track debinding and sintering progress via an online portal, and receive your part back in 10 business days
4. Put your finished metal part to use – from small series of tools to auxiliary components

What’s included

- BASF Forward AM Ultrafuse® 17-4 PH (1kg)
- BASF Forward AM Ultrafuse® Support Layer (300 g)
- Packaging for green parts and voucher for post-processing
- UltiMaker Print Core CC 0.4
- UltiMaker Print Core DD 0.4
- Magigoo Pro Metal (50 ml) adhesive
- Free UltiMaker Cura software with optimized metal part slicing features
- Access to exclusive metal FDM e-learning content on UltiMaker Academy

1 Use of the Air Manager is strongly recommended when printing with BASF Forward AM Ultrafuse® 17-4 PH material

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Why choose the Metal Expansion Kit?

An end-to-end metal 3D printing workflow
The UltiMaker Metal Expansion Kit provides access to software optimizations, post-processing services, and extensive e-learning modules.

No hardware modifications needed
To 3D print metal on the UltiMaker S5 and S7, simply swap out the print cores, load the NFC-equipped metal filament, and start your print.

Metal parts. Up to 90% cheaper
Comparing the UltiMaker S5 and S7 and Metal Expansion Kit to CNC and other additive methods, you can save up to 90% creating the metal tools and parts you need.

Plastic or metal? You decide
3D print either plastic or metal depending on your needs. Simply swap materials and change out the print cores, for more versatility and potential applications.

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UltiMaker