

# BOM - Ai3M X-Carriage MK3 for V5-Hotend with BLTouch

Part Name	Quantity	Material	Folder & Comments
Mandatory 3D-Printed-Parts			
01_baseplate_e3dv5	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
02_frontplate_e3dv5	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
03_coverplate_e3dv5_bltouch	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
04_fanduct_e3dv5	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
05_belttensioner	2	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
06_pcb_holder	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
07_allenkey-hexdriver_coupler	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
08_ai3m_text	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
09_bltouch_holder_e3dv5	1	PETG	X_Carriage_MK3_e3dv5_BLTouch.zip
Fasteners			
M3 Hex-Nut (DIN EN ISO 4032)	24	Steel	*1x can be used to prevent Hotend rotation (Mid. Hole in Frontplate)
M3 Washer (DIN 125)	6	Steel	
M3x10 Cylindrical Head Screw (ISO 4762)	6	Steel	
M3x20 Cylindrical Head Screw (ISO 4762)	15	Steel	
M3x30 Cylindrical Head Screw (ISO 4762)	2	Steel	
M4 Hex-Nut (DIN EN ISO 4032)	1	Steel	*Used for Radialfan mounting
M4 Washer (DIN 125)	2	Steel	
M4x25 Cylindrical Head Screw (ISO 4762)	1	Steel	
Electronics & Miscellaneous			
5015 Radialblower	1		Print-Part-Cooling
4040x10 Axialfan	1		Hotend Radiator Cooling
M3 Lockwasher (DIN 7980)	5		
M4 Lockwasher (DIN 7980)	1		