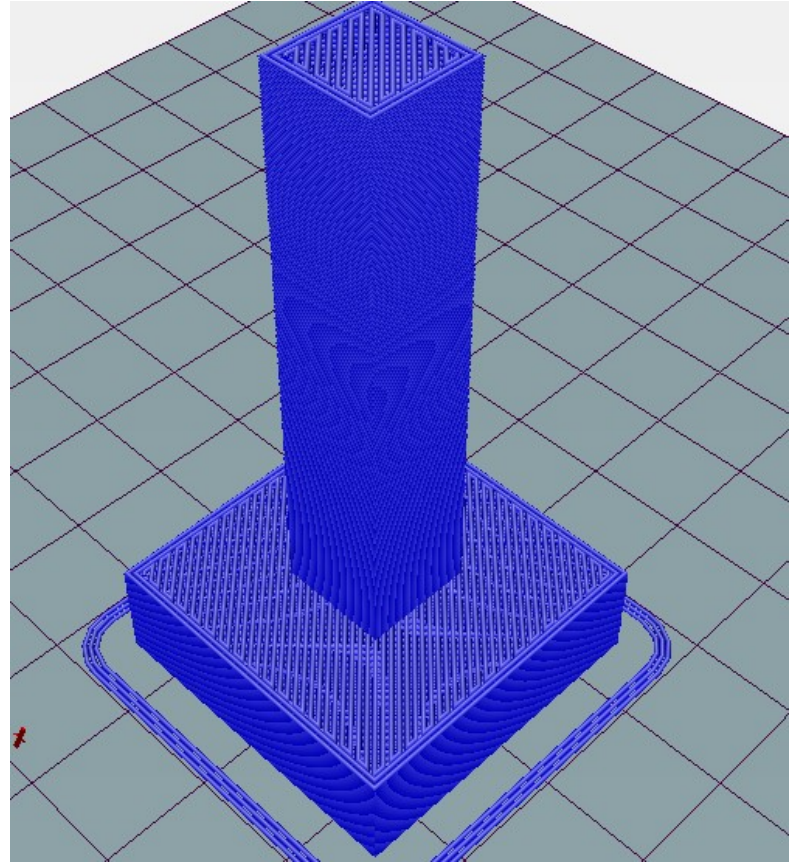
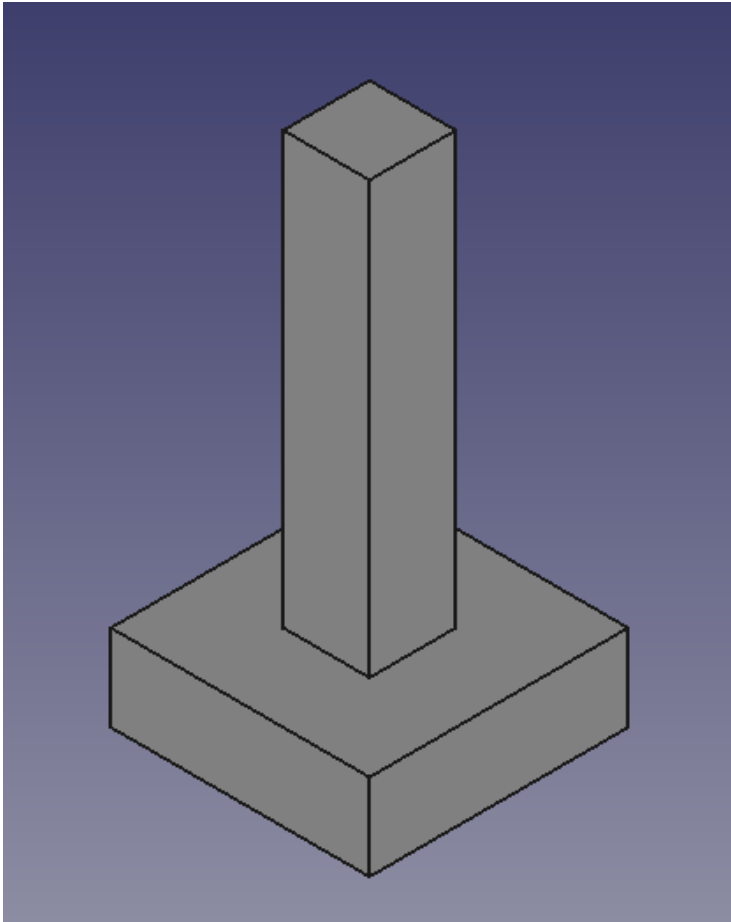


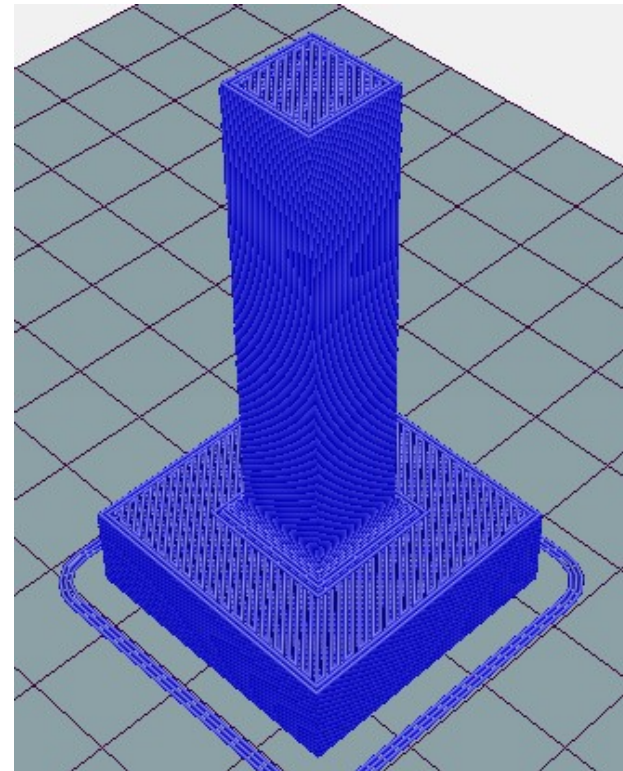
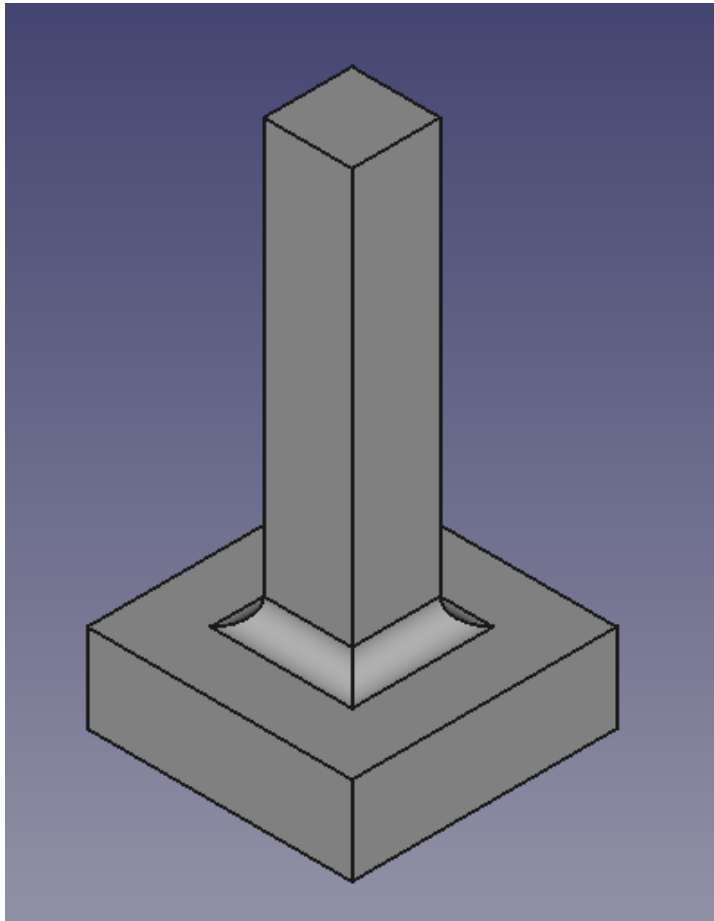
3D Printing

- Anisotropic material properties
- Porosity
- Post-processing

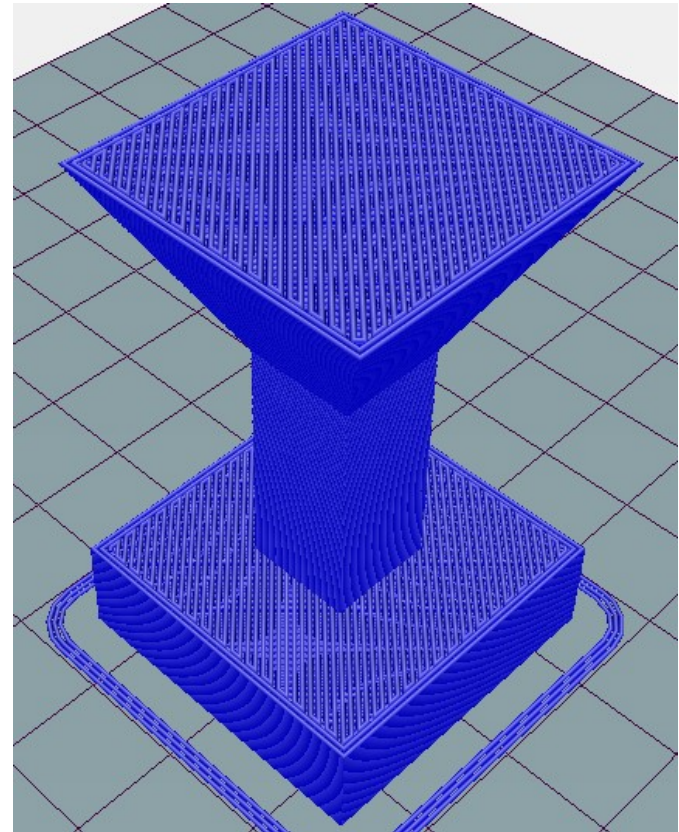
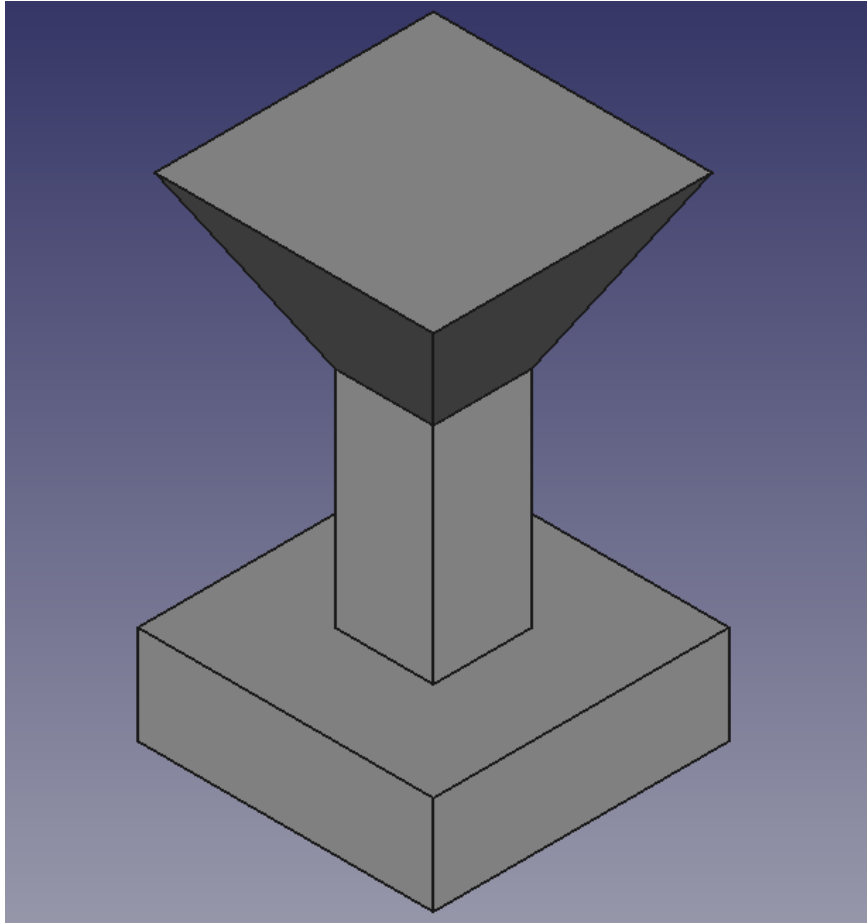
Slicing



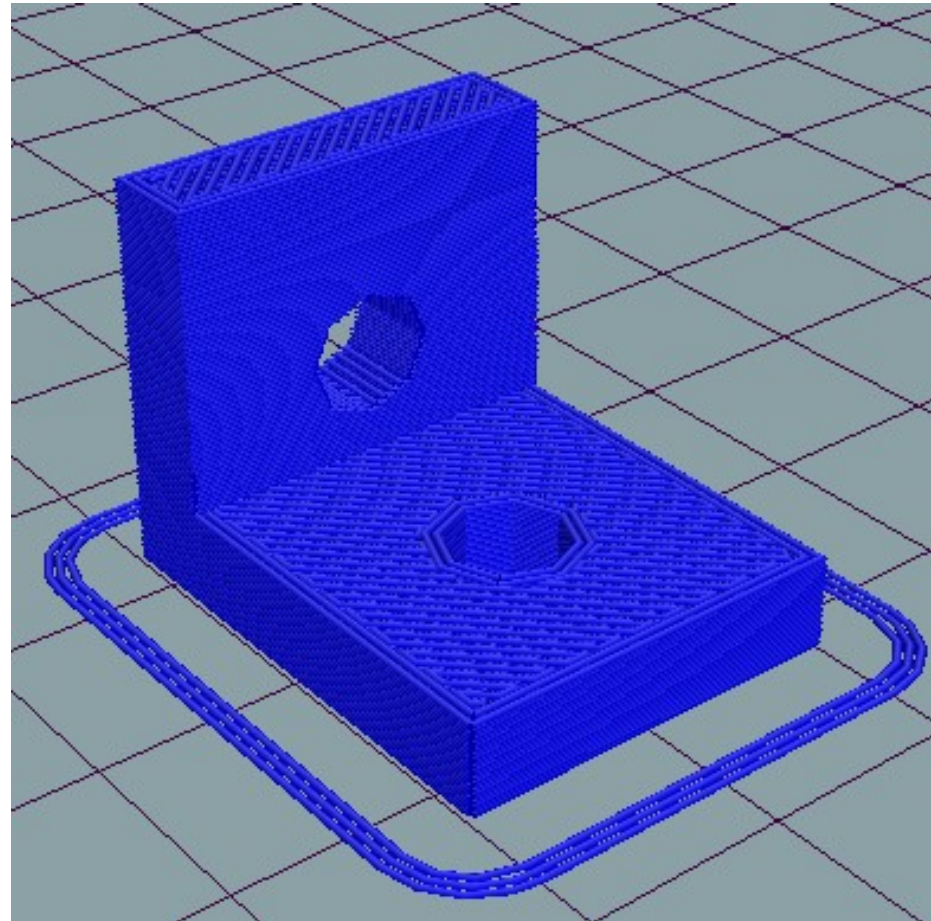
Fillets



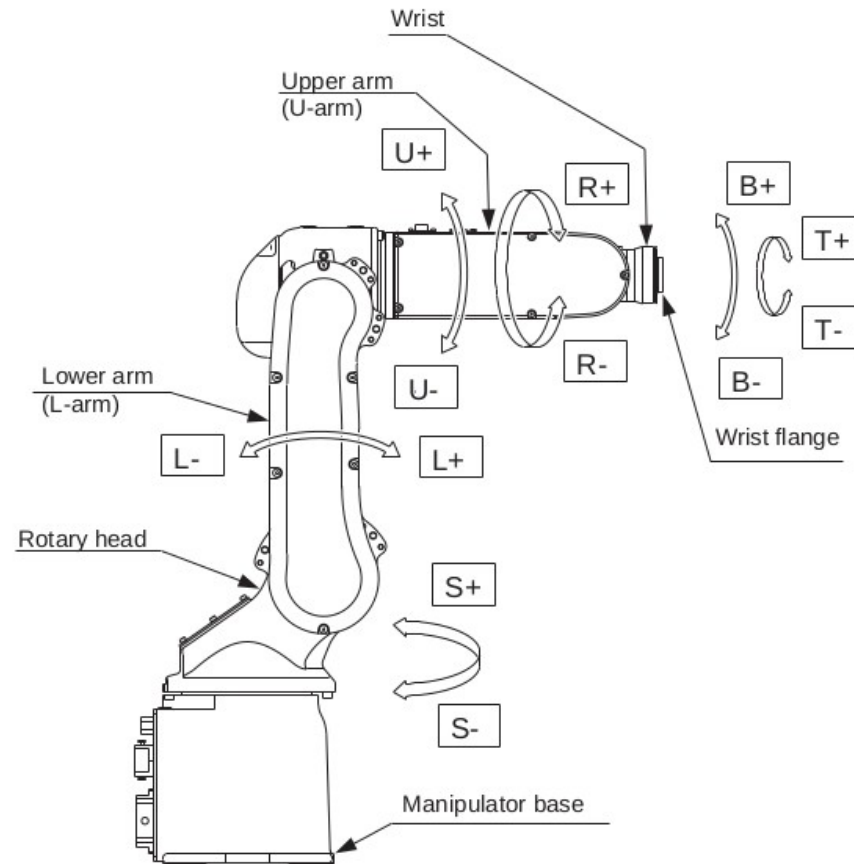
Overhangs



Holes



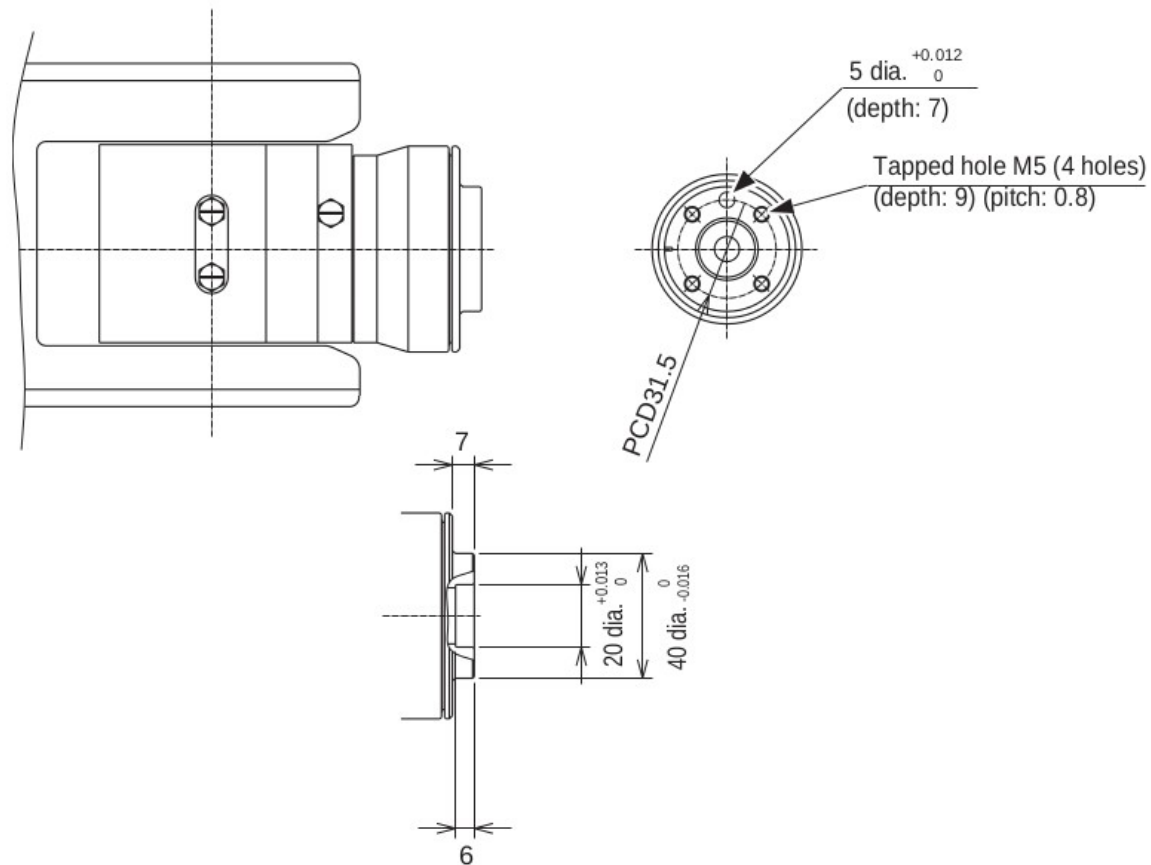
MH5L Robot



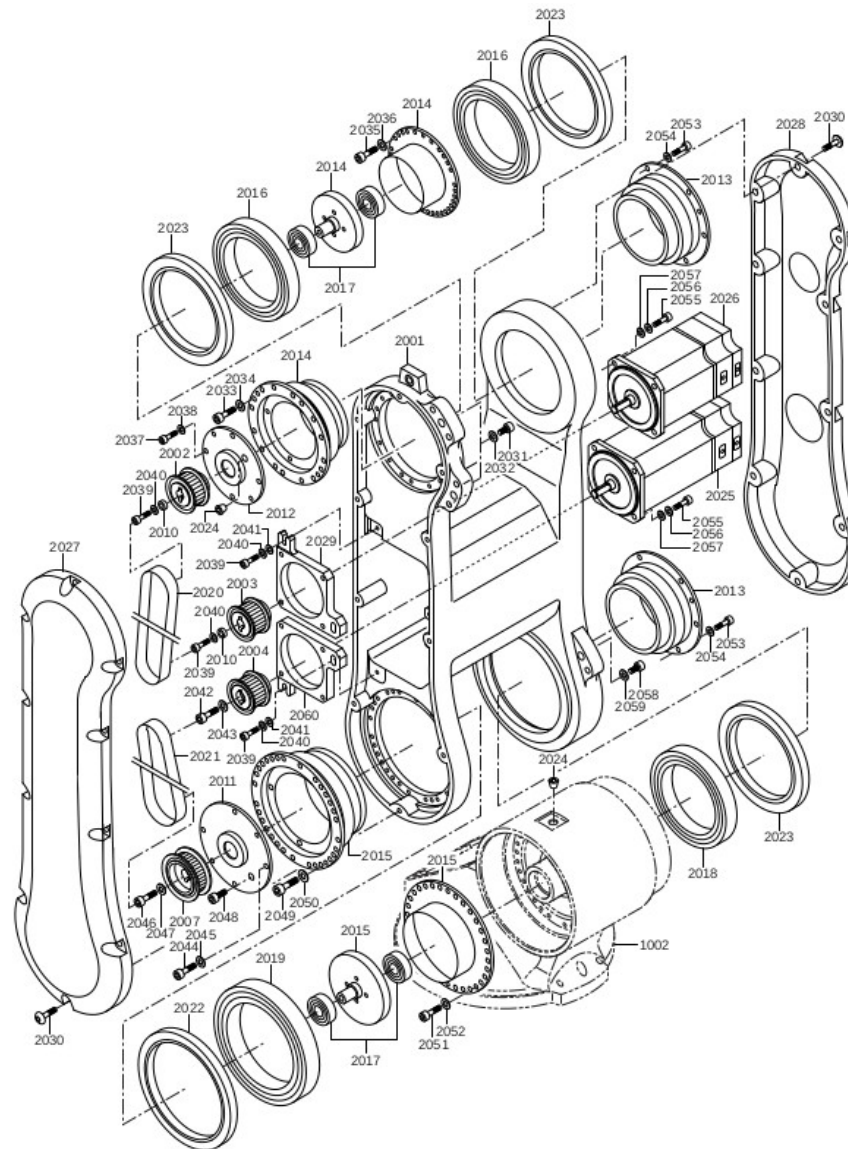
MH5L Specs

Payload		5 kg
Repeatability ²⁾		±0.02 mm
Range of Motion	S-Axis (turning)	±170°
	L-Axis (lower arm)	+150°, -65°
	U-Axis (upper arm)	+255°, -136°
	R-Axis (wrist roll)	±190°
	B-Axis (wrist pitch/yaw)	±125°
	T-Axis (wrist twist)	±360°
Maximum Speed	S-Axis	6.56 rad/s, 376° /s
	L-Axis	6.11 rad/s, 350° /s
	U-Axis	6.98 rad/s, 400° /s
	R-Axis	7.85 rad/s, 450° /s
	B-Axis	7.85 rad/s, 450° /s
	T-Axis	12.57 rad/s, 720° /s
Allowable Moment ³⁾	R-Axis	12 N•m (1.22 kgf•m)
	B-Axis	12 N•m (1.22 kgf•m)
	T-Axis	7 N•m (0.71 kgf•m)
Allowable Inertia (GD ² ₄)	R-Axis	0.30 kg•m ²
	B-Axis	0.30 kg•m ²
	T-Axis	0.10 kg•m ²

MH5L Wrist Flange



MH5L Internals



Robot Coordinate Systems

- Base Coordinates
- Tool Coordinates
- Custom Coordinates