Polymer Hammer

Construction

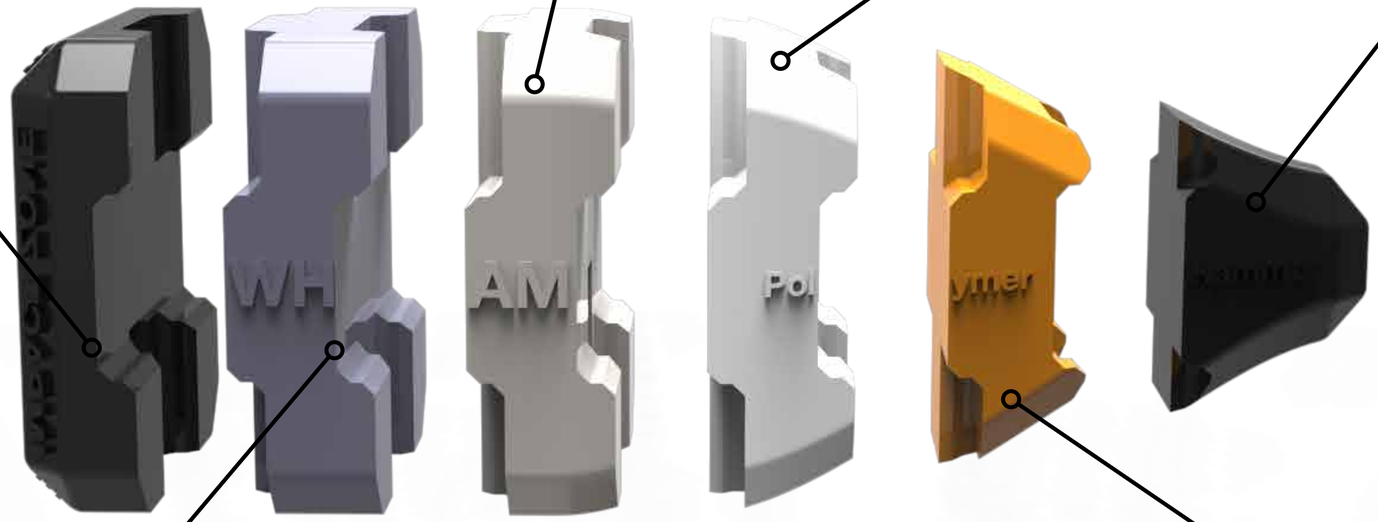
Inspired by (Peacock Mantis Shrimp)

Shock absorption layer, and centre of mass
Polyurethane 30% Tungsten filled

Shock absorption layer
Nylon 66

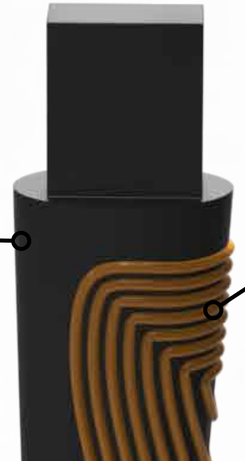
Replaceable striking face
Polycarbonate

Final shock absorber
Polypropylene



Primary shock absorption layer
Kevlar

Non-newtonian shock absorption polymer
Visco-elastic urethane



Handle
Fibreglass

Textured over-mould on handle
Polyvinyl chloride