

Supplementary information

A self-sensing friction damper with energy dissipation and sensing characteristics

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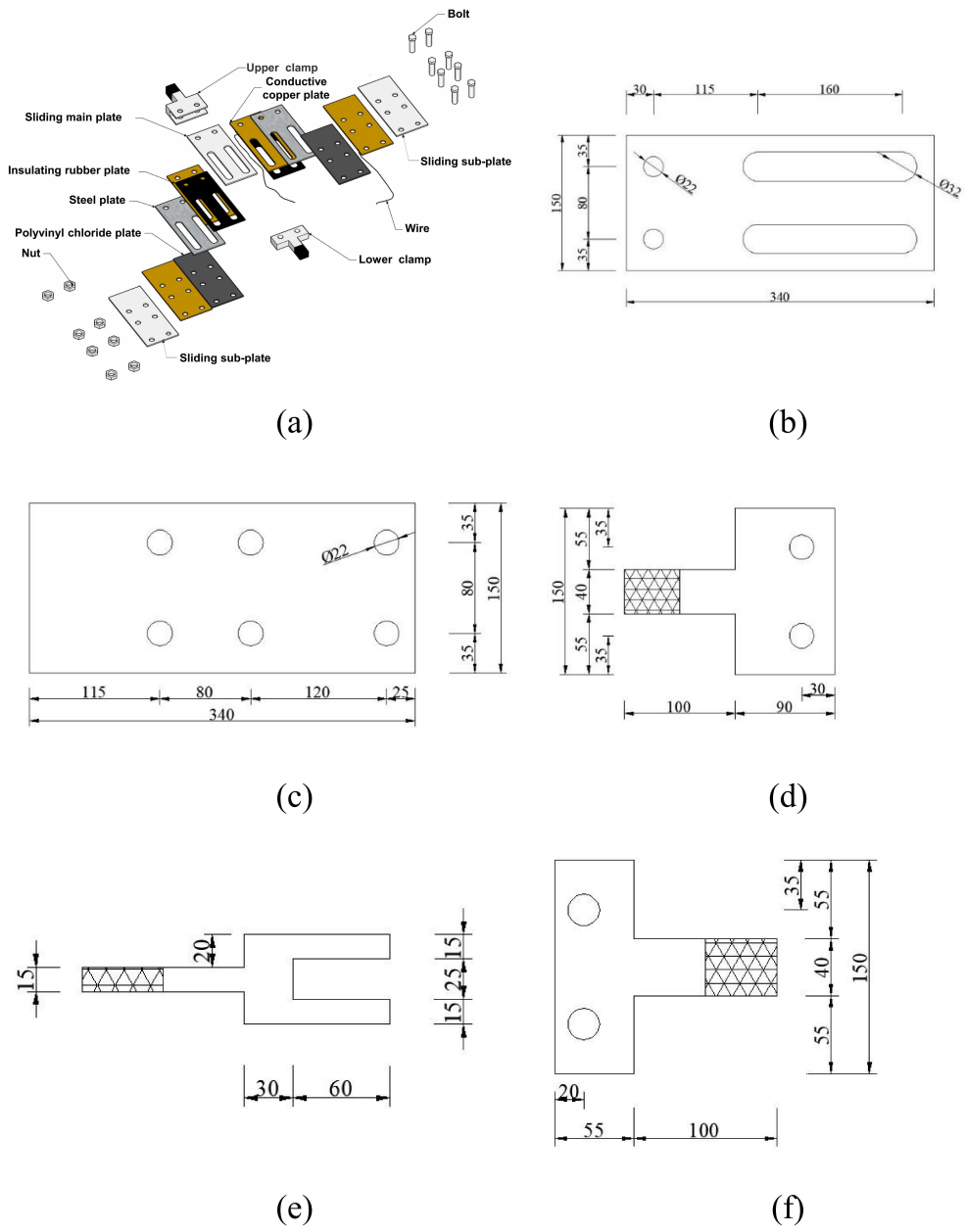


Figure S1. Specific design dimensions of the self-sensing damper. (a) Structural disassembly exploded view; (b) Sliding main plate, positive triboelectric plate, insulating layer, positive conductive layer; (c) Sliding sub-plate, negative triboelectric plate, negative grounding layer; (d) Sliding main plate's clamp (front view); (e) Sliding main plate's clamp (vertical view); (f) Sliding sub-plate's clamp.