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Article

Contact Characteristics and Tribological Properties of the Weaving Surface of Mn-Cu and Fe-Zn Damping Alloys

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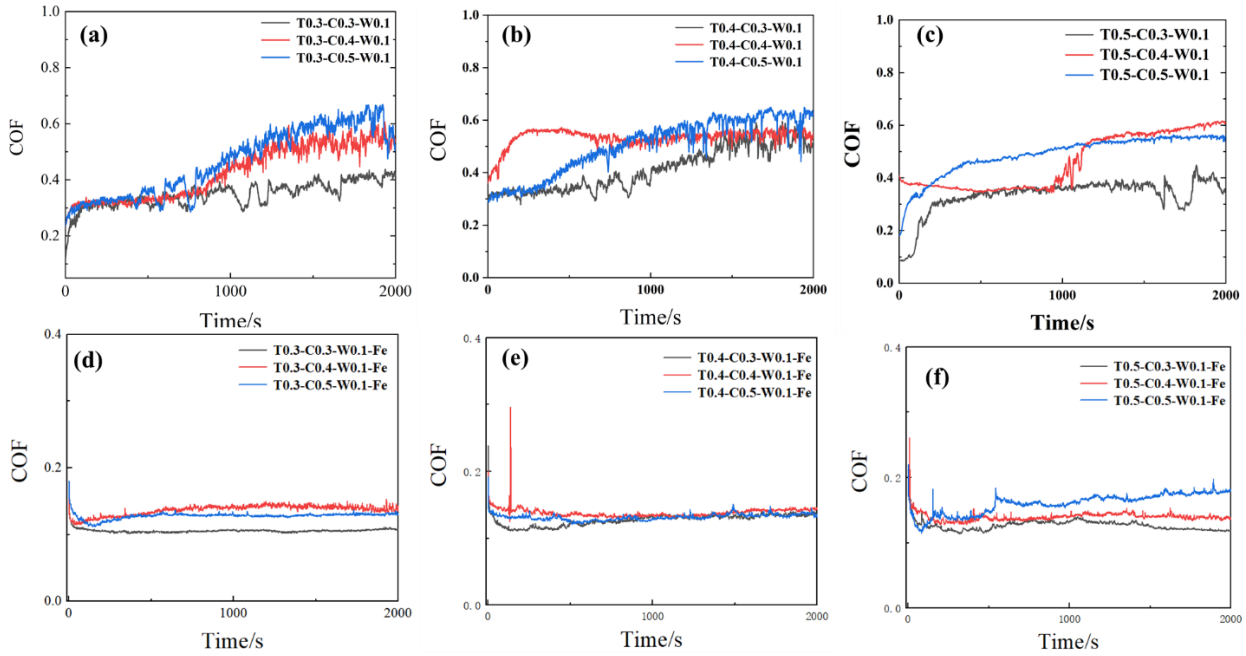

Figure S1. Friction coefficients of samples with different weaving parameters (**a**) Cofficient of Mn-Cu samples(T0.3-W0.1); (**b**) Cofficient of Mn-Cu samples(T0.4-W0.1); (**c**) Cofficient of Mn-Cu samples(T0.5-W0.1); (**d**) Cofficient of Fe-Zn samples(T0.3-W0.1); (**e**) Cofficient of Fe-Zn samples(T0.4-W0.1); (**f**) Cofficient of Fe-Zn samples(T0.5-W0.1).

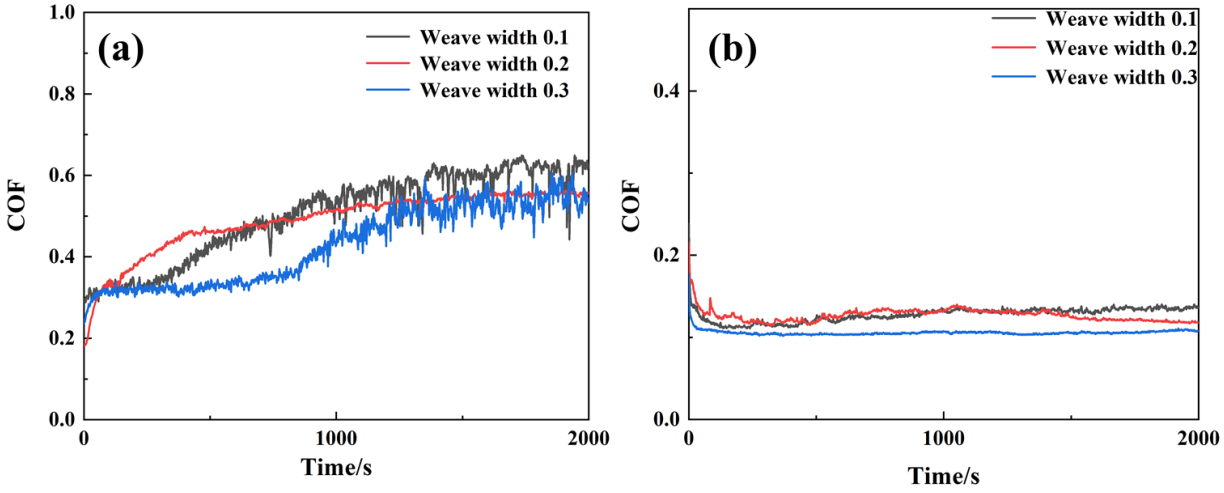

Figure S2. Friction coefficients of samples with different weaving width (**a**) Mn-Cu samples; (**b**) Fe-Zn samples.

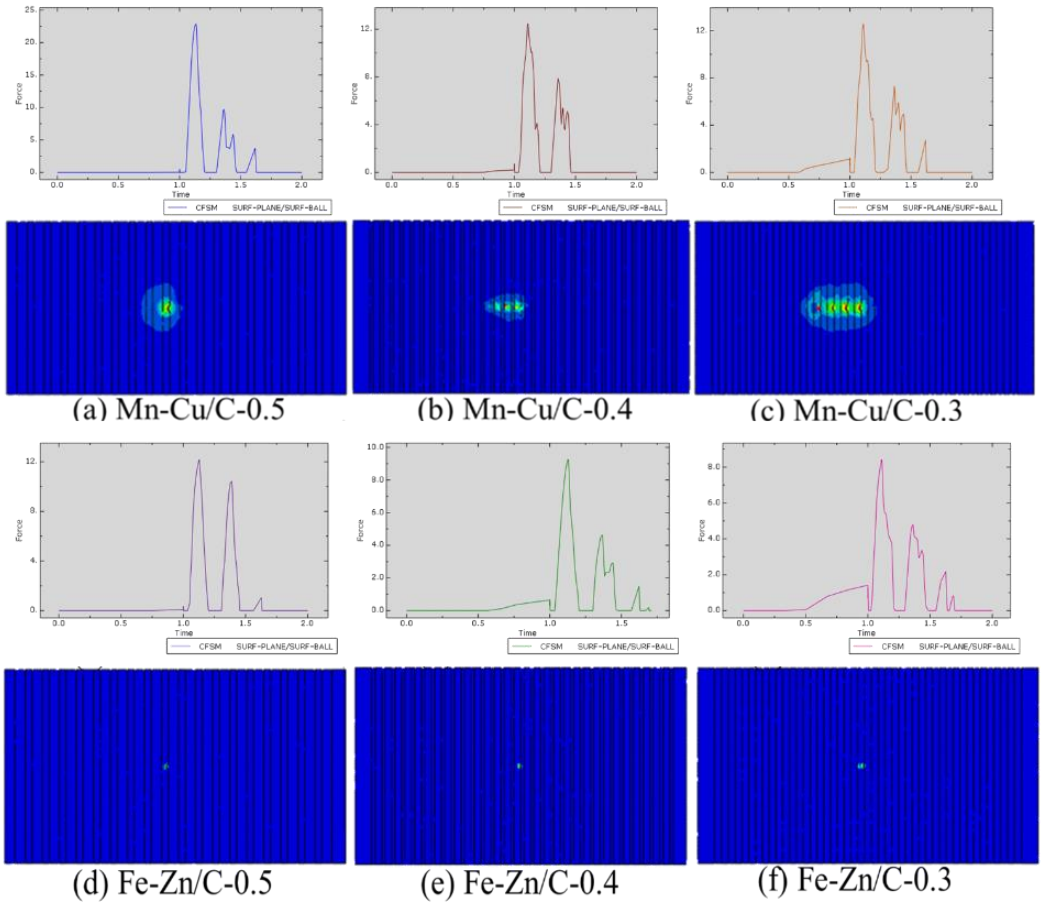

Figure S3. Friction process simulation of Mn-Cu samples with different weave center distance (**a**) C-0.5; (**b**) C-0.4; (**c**) C-0.3; and Fe-Zn samples with different weave center distance (**d**) C-0.5; (**e**) C-0.4; (**f**) C-0.3.

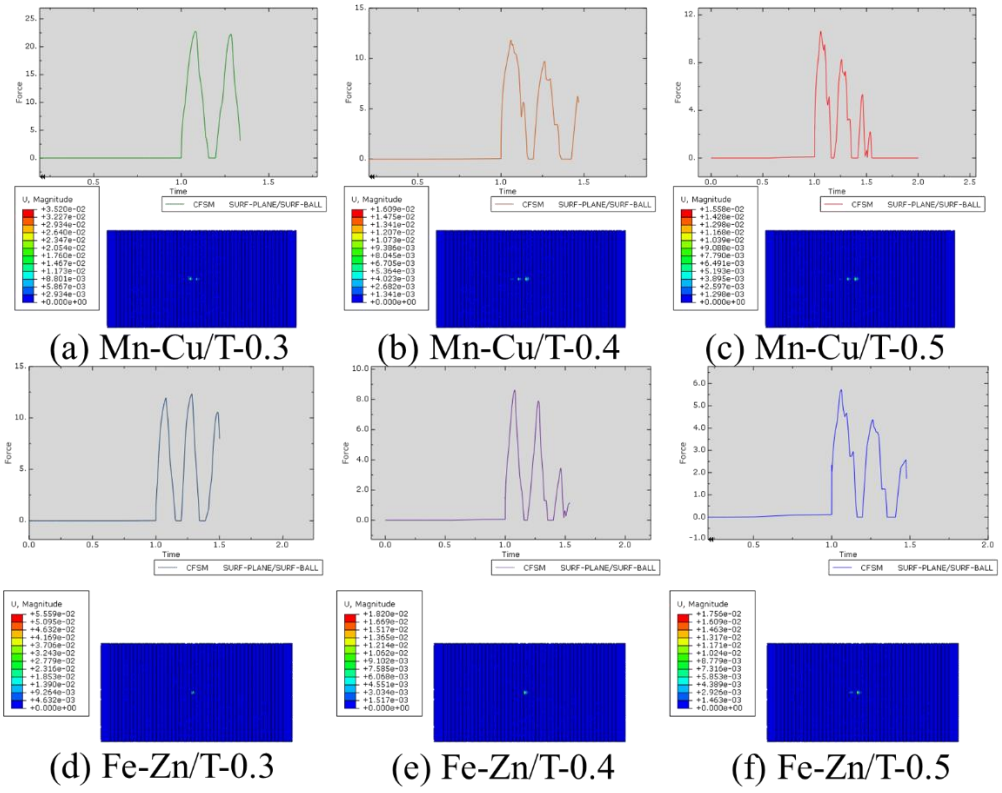

Figure S4. Friction process simulation of Mn-Cu samples with different thickness (**a**) T-0.5; (**b**) T-0.4; (**c**) T-0.3; and Fe-Zn samples with different thickness (**d**) T-0.5; (**e**) T-0.4; (**f**) T-0.3.

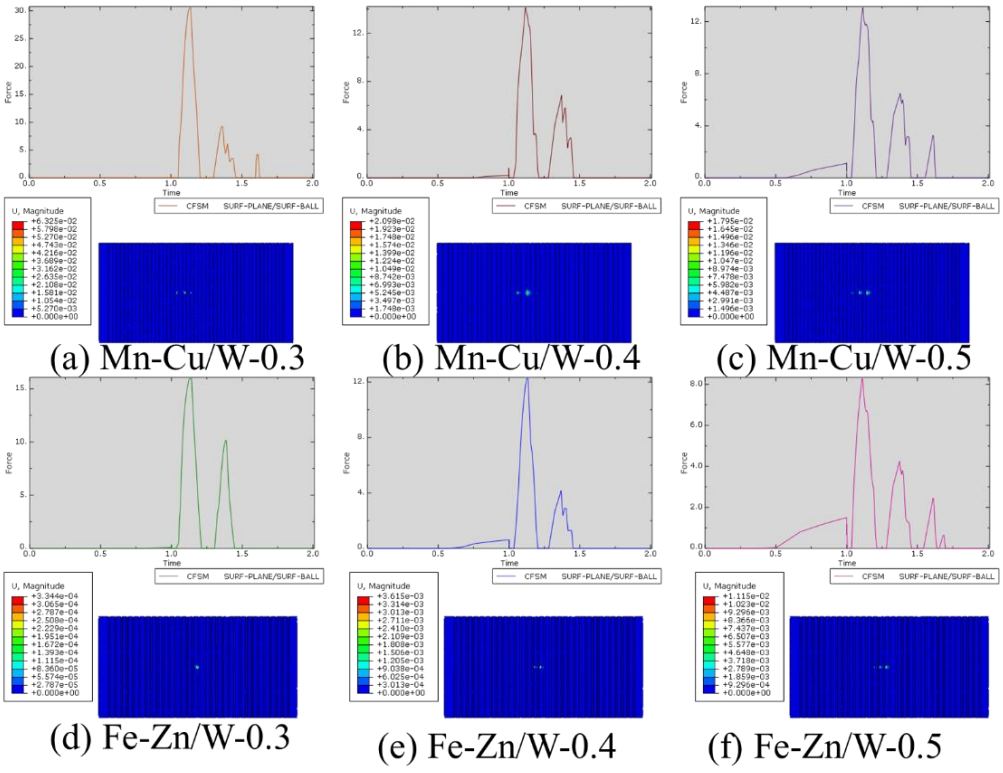

Figure S5. Friction process simulation of Mn-Cu samples with different weave width (**a**) W-0.5; (**b**) W-0.4; (**c**) W-0.3; and Fe-Zn samples with different weave width (**d**) W-0.5; (**e**) W-0.4; (**f**) W-0.3.