

decreasing strength indicated in the hysteretic curve. At the same time, there was no indication of any damage (yielding, buckling) in coupling beam (web, flange, end-plate, bolts) and column. Yielding is localized only in web and flange of the link. This verified the behavior of the link and the sub-assembly as a seismic device, as specified in the code (AISC 341-10).

- The Indonesian shear link specimen showed higher values of shear resisting force due to its slightly higher value of yield-strength as compared to the Japan link specimen. However, both specimens showed the same ductility when they reached the maximum strength with its plastic rotation beyond 0.08 rad.
- The result of cyclic loading test has confirmed that damaged link can be easily removed and replaced with the new link with the same geometry and the same bolt configuration since the remaining structure (coupling beams, columns and its connections) remain elastic and they always returned to its original position after the damaged link was removed.

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