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## Shear strength of RC Column - Steel Beam Joint

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We developed a mix-structure composed of the RC column and steel beam (RCS structure) with the nonpenetrating beam type joints. We tested the beam – column joint of the RCS structure as a part of the development to verify the structural performance. As a result, the shear strength of the beam – column joint satisfied past evaluations. However, the test specimen of the width-thickness ratio scaled by a yield strength of 50 had a smaller ratio of experiment value to calculated value than other test specimens.

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