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# Simplified design for mechanical connections between precast concrete structural elements in buildings

*Conception simplifiée pour les assemblages mécaniques entre éléments structurels en béton préfabriqué dans les bâtiments*



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# Foreword

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This document was prepared by Technical Committee ISO/TC 71, *Concrete, reinforced concrete and pre-stressed concrete*, Subcommittee SC 5, *Simplified design standard for concrete structures*.

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# Introduction

This document contains a set of practical provisions for the design of the mechanical connections in precast elements under seismic actions. Design of the connections is carried out in terms of strength verifications. Indications are also provided for defining the actions to be used in design.

If national standards provide alternate formulae for the same typology, those can be used instead of the ones given in this document.