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Effect of the eccentricity of the load; 5.2.4.5 Special cases: three or four edges with ci < ccr,n; 5.2.5 Splitting; 5.2.5.1 Splitting failure during installation of post-installed fasteners; 5.2.5.2 Splitting failure of loaded post-installed fasteners; 5.3 Shear load; 5.3.1 Required verifications; 5.3.2 Steel failure without lever arm; 5.3.3 Steel failure with lever arm; 5.3.4 Pry-out failure; 5.3.5 Concrete edge failure; 5.3.5.1 Characteristic resistance of a single fastener; 5.3.5.2 Effect of spacing
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6.4 Combined tension and shear

Sommario/riassunto

The European standard draft CEN/TS 1992-4 for the design of fastenings by means of headed studs, anchor channels, mechanical and chemical anchors is ready for use. This book elivers a detailed description of the determination of tension and shear load actions. Furthermore plastic load capacity design and a plastic design approach are given. Durability, fire resistance and earthquake action are exposed to a particular treatment.Selected chapters of the German concrete yearbook ""Beton-Kalender"" are now available in English. The new English BetonKalender Series delivers internationally