

CODE

COMMENTARY

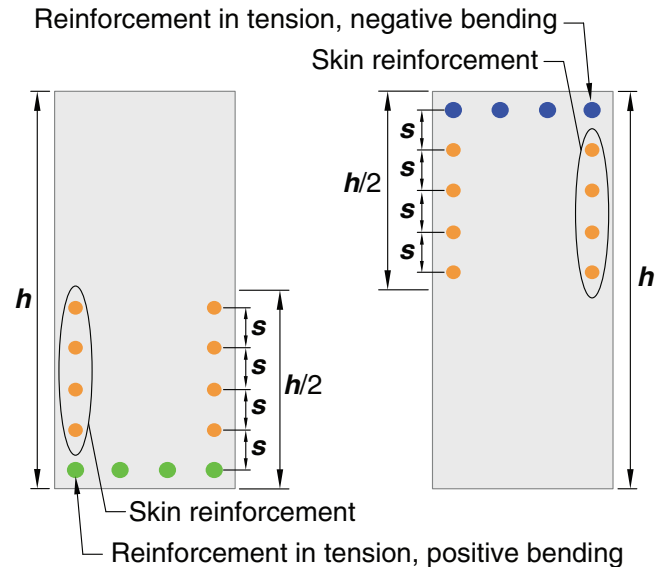


Fig. R9.7.2.3—Skin reinforcement for beams and joists with $h > 900$ mm.

9.7.3 Flexural reinforcement in nonprestressed beams

9.7.3.1 Calculated tensile or compressive force in reinforcement at each section of the beam shall be developed on each side of that section.

9.7.3.2 Critical locations for development of reinforcement are points of maximum stress and points along the span where bent or terminated tension reinforcement is no longer required to resist flexure.

R9.7.3 Flexural reinforcement in nonprestressed beams

R9.7.3.2 In Codes before 2014, one of the critical sections was defined as the location where adjacent reinforcement terminates or is bent. In the 2014 Code, this critical section is redefined as the location, “where bent or terminated tension reinforcement is no longer required to resist flexure.”

Critical sections for a typical continuous beam are indicated with a “c” for points of maximum stress or an “x” for points where bent or terminated tension reinforcement is no longer required to resist flexure (Fig. R9.7.3.2). For uniform loading, the positive reinforcement extending into the support is more likely governed by the requirements of 9.7.3.8.1 or 9.7.3.8.3 than by development length measured from a point of maximum moment or the bar cutoff point.