

CODE

COMMENTARY

- v_n = equivalent concrete stress corresponding to nominal two-way shear strength of slab or footing, MPa
- v_s = equivalent concrete stress corresponding to nominal two-way shear strength provided by reinforcement, MPa
- v_u = maximum factored two-way shear stress calculated around the perimeter of a given critical section, MPa
- v_{uv} = factored shear stress on the slab critical section for two-way action, from the controlling load combination, without moment transfer, MPa

- V_b = basic concrete breakout strength in shear of a single anchor in cracked concrete, N
- $V_{brg,sl}$ = nominal bearing strength of a shear lug in direction of shear, N
- V_c = nominal shear strength provided by concrete, N
- V_{cb} = nominal concrete breakout strength in shear of a single anchor, N
- V_{cbg} = nominal concrete breakout strength in shear of a group of anchors, N
- $V_{cb,sl}$ = nominal concrete breakout strength in shear of attachment with shear lugs, N
- V_{ci} = nominal shear strength provided by concrete where diagonal cracking results from combined shear and moment, N
- V_{cp} = nominal concrete pryout strength of a single anchor, N
- V_{cpg} = nominal concrete pryout strength of a group of anchors, N
- V_{cw} = nominal shear strength provided by concrete where diagonal cracking results from high principal tensile stress in web, N
- V_d = shear force at section due to unfactored dead load, N
- V_e = design shear force for load combinations including earthquake effects, N
- V_i = factored shear force at section due to externally applied loads occurring simultaneously with M_{max} , N
- V_n = nominal shear strength, N
- V_{nh} = nominal horizontal shear strength, N
- V_p = vertical component of effective prestress force at section, N
- V_s = nominal shear strength provided by shear reinforcement, N
- V_{sa} = nominal shear strength of a single anchor or individual anchor in a group of anchors as governed by the steel strength, N
- V_u = factored shear force at section, N
- V_{ua} = factored shear force applied to a single anchor or group of anchors, N

- V = shear force acting on anchor or anchor group, N
- $V_{||}$ = maximum shear force that can be applied parallel to the edge, N
- V_{\perp} = maximum shear force that can be applied perpendicular to the edge, N