

ERRATA TO STEEL CONSTRUCTION, VOLUME 43, NUMBER 2—MARCH 2010

Page 19 Please delete existing notation list and insert the following:

$$N_b = n_b k_r (\phi V_{en})$$

n_b = total number of bolts in bracing cleat

k_r = reduction factor to account for the length of a bolted lap splice connection—given in Table 11 of Handbook 1 (Ref. 11) but generally 1.0 for normal connections

$$\phi V_{en} = 0.9 a_{em} t_i f_{ui}$$

f_{ui} = tensile strength of cleat component (see Table 2)

t_i = thickness of cleat component

a_{em} = minimum distance from edge of a hole to the edge of the cleat measured in the direction of the axial tension force plus half the bolt diameter (d_f)

$$= [a_{e1}; a_{e2}]_{\min}$$

$$a_{e1} = (a_e - 1) \quad (\text{Figures 8(a), 8(b), 8(c)})$$

$$a_{e2} = (s_p - 0.5d_h - 1) \quad (\text{Figures 8(a), 8(c)})$$

d_h = hole diameter s_p = bolt pitch

a_e = distance from centre-line of hole to edge (Figures 8(a), 8(b), 8(c))

Page 20 Please delete existing Figure 10 and substitute Figure 10:

Specific formulae for A_{nt} , A_{gv} for typical bracing cleat configurations are shown in Figure 10.

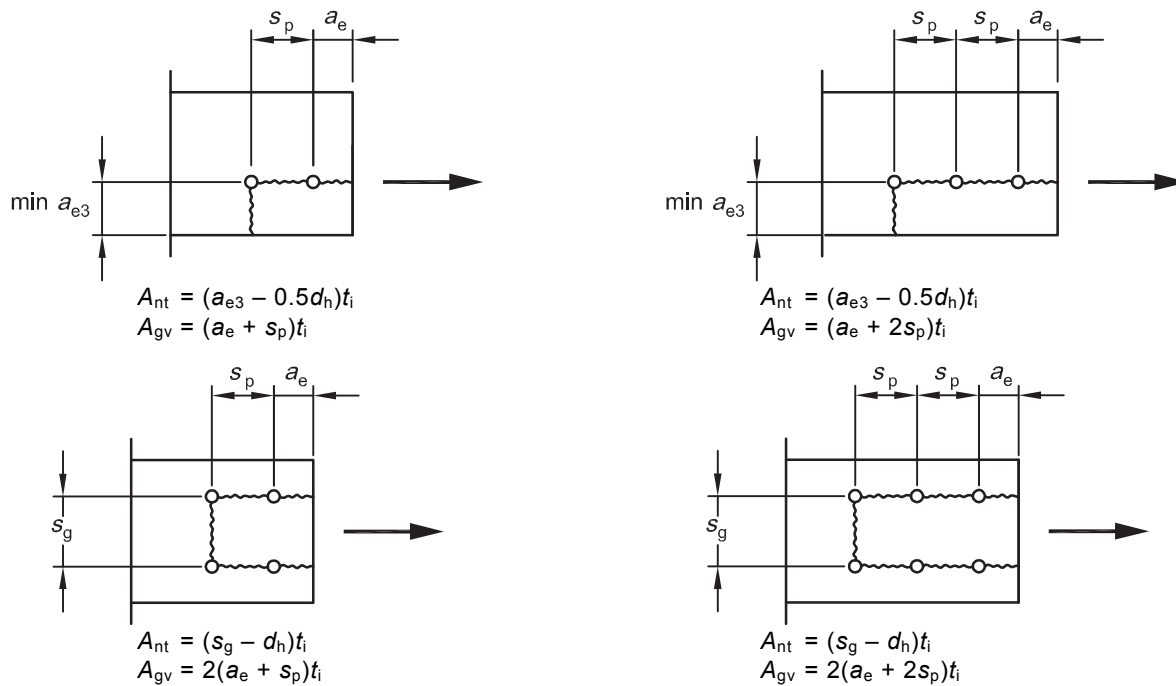


FIGURE 10 DEFINITIONS OF GROSS SHEAR AREA AND NET TENSION AREA