

$f_c = 0.45 f'_c$   
 $f_s = 140 \text{ MPa}$  for  $f_y = 280 - 350 \text{ MPa}$   
 $= 168 \text{ MPa}$  for  $f_y = 420 \text{ MPa}$

### Capacity of Rectangular Sections (WSD)

**$f'_c = 30 \text{ MPa}$**

$R_w = M/bd^2$   
 $R_w = 0.5 f_c k j$  or  
 $= 0.5 \rho f_y j$

