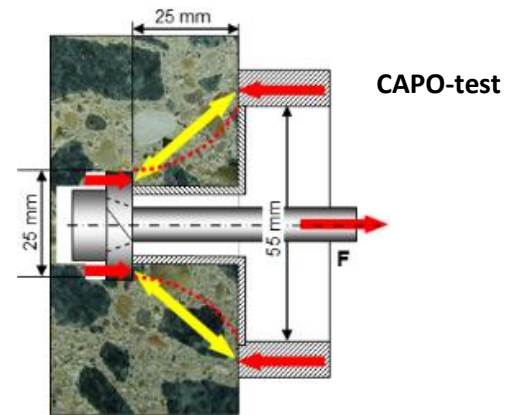
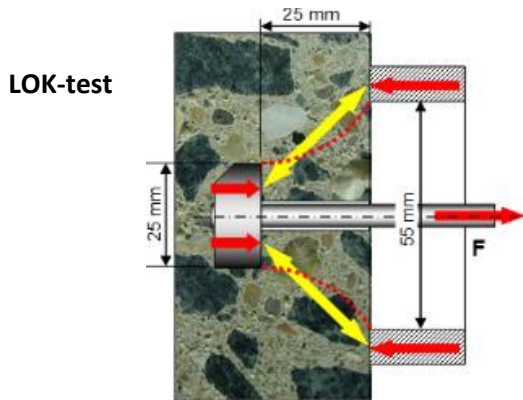


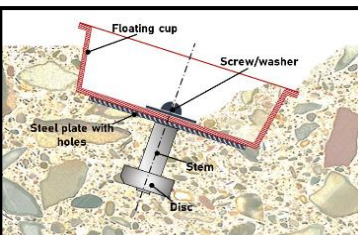
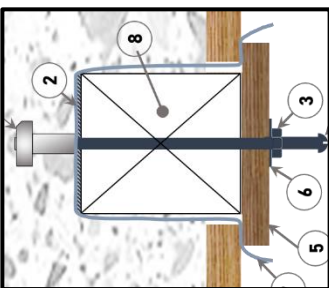
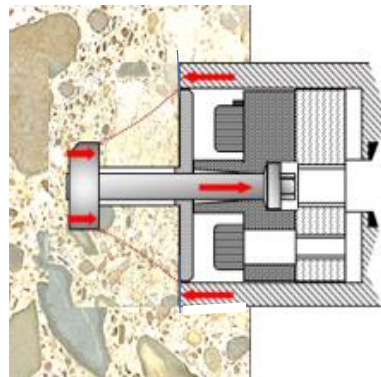
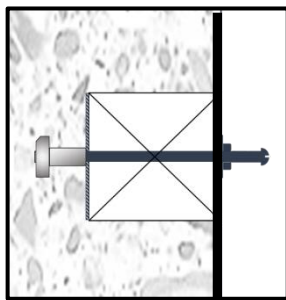
NDTitans in action

Case 4.3 Strength of the “interior” of a structure tested by pullout

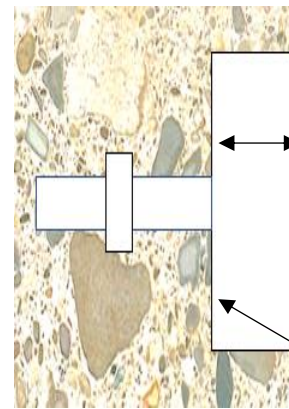
Deeper testing with pullouts than 25 mm is illustrated below for LOK-test and CAPO-test. The 25 mm testing depth is maintained, just at bigger depth. The 25 mm cover will have the same strength as the “interior” if the curing of the cover is appropriate and surface concrete is in good condition. The strength will be different for bad curing having large effects on conductivity and service life in chloride environments.



Various installations of the LOK-test insert cast-in deeper, ref.1:

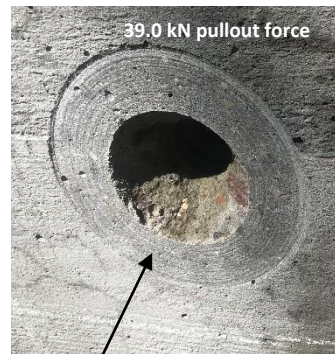


testing surface 30 mm deep, pullout force 30.0 kN compared to 29.5 kN 25 mm deep



Diamond Planning, dia. 75 mm, to required depth prior to coring the centerhole and routing the recess.

testing surface



39.0 kN pullout force
testing surface 5 mm deep



38.8 kN pullout force
testing surface 32 mm deep

Both concretes were well cured for 5 days

Ref 1: Canadian Standard CSA A23.2-15C: “Evaluation of concrete strength in place using the pullout test”, 2014 CSA Group, Canada