```
hlength_wd  THM

⊢  ∀'a:S.
   and
   (equal(length(nil),0)
   ,all
    (λh:'a. all
            (λt:hlist('a). equal(length(cons(h,t)),suc(length(t))))))
  by HN THEN StrongAuto THEN Try (Complete (Unfold `label` 0))
END
```