```
hmod_unique  THM

⊢  all
   (λn:hnum. all
             (λk:hnum. all
                       (λr:hnum. implies
                                 (exists
                                  (λq:hnum. and
                                            (equal(k,add(mult(q,n),r))
                                            ,lt(r,n)))
                                 ,equal(mod(k,n),r)))))
  by HOL "hmod_unique"
END
```