subtype-deq[11,40]

$\forall A, B$:Type. $(A \subseteq_r B) \Rightarrow (\forall x, y{:}A.\ (x = y \in B) \Rightarrow (x = y)) \Rightarrow \text{EqDecider}(B) \subseteq \text{EqDecider}(A)$

http://www.nuprl.org/FDLcontent/p0_963683_/p98_93021_{subtype-deq}.html