

## st-key-match<sup>11,40</sup>

```
st-key-match(tab; k1; k2)
≡def case k1
  of inl(n) => case k2
    of inl(m) => ff
    | inr(a) => (n <z ptr(tab) ∧b n <z ||tab|| ) ∧b st-atom(tab; n) =a1 a
  | inr(a) => case k2
    of inl(n) => (n <z ptr(tab) ∧b n <z ||tab|| ) ∧b st-atom(tab; n) =a1 a
    | inr(b) => ff
```

*clarification:*

```
st-key-match(tab; k1; k2)
≡def case k1
  of inl(n) => case k2
    of inl(m) => ff
    | inr(a) => (n <z ptr(tab) ∧b n <z ||tab|| )
      ∧b eq_atom1(st-atom(tab; n); a)
  | inr(a) => case k2
    of inl(n) => (n <z ptr(tab) ∧b n <z ||tab|| )
      ∧b eq_atom1(st-atom(tab; n); a)
    | inr(b) => ff
```