

# Quantity Kind

A Quantity Kind (in SysML 1.0 and 1.1, called 'Dimension') is a kind of quantity that can be measured using defined and unrestricted units of measurement. For example, length, a quantity kind, may be measured by meter, kilometer, or foot units.



The only valid use of a Quantity Kind instance is to be referenced by the **quantity kind** property of a Value Type or Unit stereotype.

«quantityKind»

fahrenheitTemperatureQK : DerivedQuantityKind

factor = thermodynamicTemperature^1

name = "Fahrenheit temperature"

## Related diagrams

- [SysML Block Definition Diagram](#)