

## 5.1.4 Metadata Supporting Reference Sets

Reference sets types are identified by concepts that are subtypes of the metadata concept 900000000000455006 |reference set|. Individual reference sets of a particular type are identified and named by concepts that are subtype descendants of the concept that identifies the reference set type.

**Table 5.1.4-2: Reference Set Types in the Metadata Hierarchy (2018-01-31)**

900000000000455006	Reference set
900000000000516008	Annotation type
900000000000521006	Association type
900000000000480006	Attribute value type
705109006	Code to expression type reference set
447250001	Complex map type reference set
609430003	Concept model reference set
900000000000538005	Description format
733614007	Expansion history reference set
609331003	Extended map type reference set
733613001	Intensional definition reference set
900000000000506000	Language type
705111002	Map correlation and origin type reference set
900000000000534007	Module dependency
723564002	MRCM reference set
733618005	Ordered association type reference set
733619002	Ordered component type reference set
447258008	Ordered type reference set
900000000000512005	Query specification type
900000000000456007	Reference set descriptor
900000000000496009	Simple map
446609009	Simple type reference set

Other concepts within the metadata hierarchy are used to name additional attributes within particular types of reference sets and to provide values for those attributes.

**Table 5.1.4-2: Reference Set Attributes in Metadata Hierarchy (2018-01-31) (some omitted)**

900000000000457003	Reference set attribute
447257003	"Linked to" reference set attribute
900000000000511003	Acceptability
900000000000518009	Annotated component
900000000000519001	Annotation
900000000000532006	Association source component
900000000000533001	Association target component
900000000000458008	Attribute description
900000000000479008	Attribute order
723576002	Attribute rule
900000000000459000	Attribute type
900000000000491004	Attribute value
733616009	Authoring substrate
723571007	Cardinality
609431004	Concept model domain
609432006	Concept model range
609642003	Concept model relationship type
723573005	Concept model rule strength
723574004	Content type
900000000000535008	Dependency target
900000000000539002	Description format
900000000000510002	Description in dialect
900000000000544009	Description length
723565001	Domain constraint
733612006	Expansion substrate
706999006	Expression
900000000000514006	Generated reference set
723572000	Grouped
723570008	Guide URL
900000000000504002	Map advice
609330002	Map category value
900000000000501005	Map group
900000000000502003	Map priority
900000000000503008	Map rule
900000000000500006	Map source concept

900000000000505001 | [Map target](#)  
723577006 | [MRCM rule reference set](#)  
705116007 | [Original code system source for linked content value](#)  
723566000 | [Parent domain](#)  
447255006 | [Priority order reference set attribute](#)  
723567009 | [Proximal primitive constraint](#)  
723568004 | [Proximal primitive refinement](#)  
900000000000515007 | [Query](#)  
733615008 | [Query language](#)  
733617000 | [Query string](#)  
723575003 | [Range constraint](#)  
[... more attributes ...](#)