

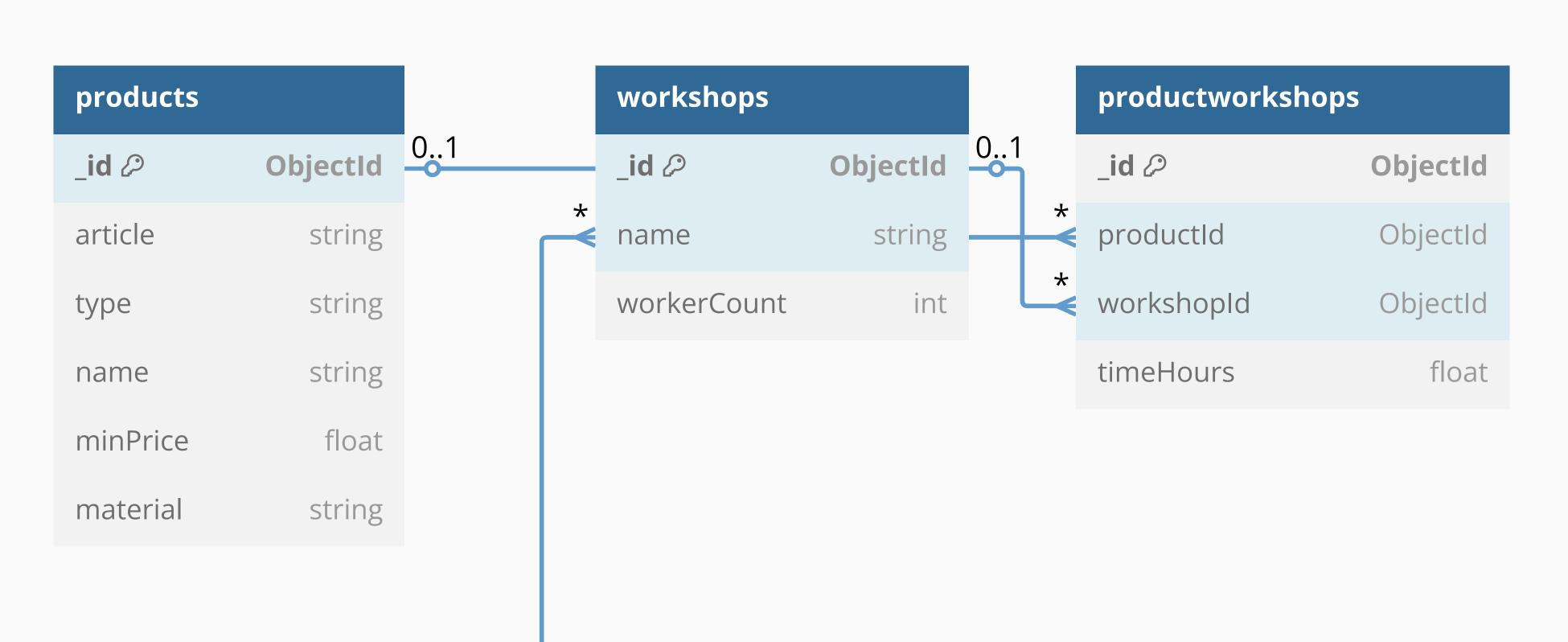
materialName

wastePercent

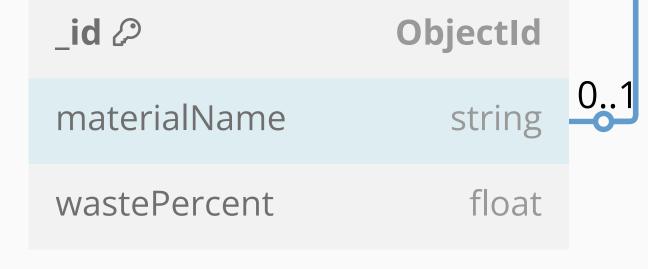
string —o—

float

producttypes	
_id <i>②</i>	ObjectId
typeName	string
coefficient	float



producttypes	
_id <i>②</i>	ObjectId
typeName	string
coefficient	float



materialtypes