

GateElementCreator

```
classDiagram
    class GateElementCreator
    class GateCompoundElementCreator
    class GateScratchElementCreator
    GateElementCreator <|-- GateCompoundElementCreator
    GateElementCreator <|-- GateScratchElementCreator
```

The diagram illustrates a class hierarchy. At the top is the 'GateElementCreator' class. Below it are two subclasses: 'GateCompoundElementCreator' on the left and 'GateScratchElementCreator' on the right. A horizontal line connects the two subclasses, with a vertical line extending upwards from its center to an arrowhead pointing at the 'GateElementCreator' class, indicating inheritance.

GateCompoundElementCreator

GateScratchElementCreator