

```
classDiagram
    class GateMaterialCreator
    class GateCompoundMaterialCreator
    class GateScratchMaterialCreator
    GateCompoundMaterialCreator --|> GateMaterialCreator
    GateScratchMaterialCreator --|> GateMaterialCreator
```

GateMaterialCreator

GateCompoundMaterialCreator

GateScratchMaterialCreator