

BDSMagnetOuterFactoryBase

```
# lengthSafety
# checkOverlaps
# nSegmentsPerCircle
# maxStepFactor
# poleSolid
# yokeSolid
# containerSolid
# poleLV
# yokeLV
# containerLV
```

```
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
+ CleanUp()
# BDSMagnetOuterFactoryBase()
```



BDSMagnetOuterFactoryCylindrical

- _instance

```
+ ~BDSMagnetOuterFactoryCylindrical()
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
+ Instance()
- BDSMagnetOuterFactoryCylindrical()
- CreateCylindricalSolids()
- CommonFinalConstructor()
- TestInputParameters()
```