

BDSMagnetOuterFactoryPolesBase

```
# poleFraction
# poleAngularFraction
# poleTipFraction
# poleStartRadius
# poleFinishRadius
# yokeStartRadius
# yokeFinishRadius
```

```
+ BDSMagnetOuterFactoryPolesBase()
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
# CleanUp()
# CalculatePoleAndYoke()
# CreatePoleSolid()
# CreateYokeAndContainerSolid()
# CreateLogicalVolumes()
# PlaceComponents()
# CommonConstructor()
# TestInputParameters()
# KickerConstructor()
```



BDSMagnetOuterFactoryPolesSquare

```
- poleRotations
- poleSolids
- poleLVs
- _instance
```

```
+ ~BDSMagnetOuterFactoryPolesSquare()
+ Instance()
- BDSMagnetOuterFactoryPolesSquare()
- CleanUp()
- CreatePoleSolid()
- CreateYokeAndContainerSolid()
- CreateLogicalVolumes()
- PlaceComponents()
- CommonConstructor()
```