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BDSMagnetOuterFactoryBase

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

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

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BDSMagnetOuterFactoryLHC

#
# isLeftOffset

+
+ BDSMagnetOuterFactoryLHC()
+ ~BDSMagnetOuterFactoryLHC()
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
# IsLeftOffset()
- CreateCylindricalSolids()
- CommonFinalConstructor()
- TestInputParameters()

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BDSMagnetOuterFactoryLHCLeft

-
- _instance

+
+ ~BDSMagnetOuterFactoryLHCLeft()
+ Instance()
- BDSMagnetOuterFactoryLHCLeft()


```

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BDSMagnetOuterFactoryLHCRight

-
- _instance

+
+ ~BDSMagnetOuterFactoryLHCRight()
+ Instance()
- BDSMagnetOuterFactoryLHCRight()


```