

BDSMagnet

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# itsType
# itsStepper
# itsMagField
# itsEqRhs
# itsBeampipeLogicalVolume
# itsInnerBPLogicalVolume
# itsBeampipeUserLimits
# itsPhysiComp
# itsPhysiInner
# itsBPFieldMgr
# itsOuterFieldMgr
# itsInnerIronRadius
# itsChordFinder
# itsOuterMagField
# beamPipeInfo
# beampipe
# outerDiameter
# outer
# itsMagnetOuterInfo
# itsK1
# itsK2
# itsK3
# inputface
# outputface
```

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+ BDSMagnet()
+ ~BDSMagnet()
+ GetK1()
+ GetK2()
+ GetK3()
# Build()
# BuildContainerLogicalVolume()
# BuildOuterVolume()
# BuildBeampipe()
# BeamPipeCommonTasks()
# BuildOuterFieldManager()
- BuildBPFieldMgr()
- BuildBPFieldAndStepper()
- FinaliseBeampipe()
* GetK1()
* GetK2()
* GetK3()
* inputface
* outputface
```



BDSQuadrupole

```
- itsBGrad
```

```
+ BDSQuadrupole()
+ ~BDSQuadrupole()
- Build()
- BuildBPFieldAndStepper()
```