

PMI Complex Test Case 5 - View 1 (of 2) MBD_A
Includes Atomic Test Cases - 11, 18, 19, 23, 24, 37, 42, 44

A 3D model of a mechanical part, likely a flange or a mounting plate, with a central circular hole and a smaller hole on the right side. The part is yellow. The central hole has a coordinate system (X, Y, Z) and a feature label 'GS1'. The smaller hole on the right has a feature label 'SG2' and 'CH2'. The part has several holes around its perimeter. Dimensions and features are labeled with blue lines and boxes:

- DF1**: Feature label for the top surface of the right side.
- DF2**: Feature label for the top surface of the central hole.
- DF2**: Feature label for the top surface of the right side.
- DT2**: Feature label for the top surface of the right side.
- D1**: Dimension for the diameter of the right side hole.
- D5**: Dimension for the diameter of the right side hole.
- D6**: Dimension for the diameter of the right side hole.
- D4**: Dimension for the diameter of the central hole, labeled $\varnothing 10.000 \pm .001$.
- T9**: Dimension for the thickness of the part.
- T10**: Dimension for the thickness of the part.
- .015 B**: Dimension for the thickness of the part.
- .002 A**: Dimension for the thickness of the part.
- 2.000**: Dimension for the diameter of the right side hole.
- 1.250**: Dimension for the diameter of the right side hole.

Datum target D1 referenced
in View 1 (of 2).

Rev D