Standard nomenclature for GD&T string entry in Calypso Characteristics

ProLink Notes: 30 max character limit for those outlined. All others are 32 max character limit.

1. Roundness = Rnd\_.001
2. Roundness Ang = RoA\_.001
3. Flatness = Flat\_.001
4. Straightness = Strt\_.001
5. Cylindricity = Cyl\_.001
6. Profile = Prof\_.010\_A\_B\_C Prof\_.010M\_A\_B@M\_C@M Prof\_.010\_A-B\_C
7. Line Profile = LProf\_.010\_A\_B\_C LProf\_.010M\_A\_B@M\_C@M LProf\_.010\_A-B\_C
8. Form = Form\_.001
9. True Position = TP\_Ø.010\_A\_B\_C TP\_Ø.010M\_A\_B@M\_C@M TP\_Ø.010M\_A-B\_C@M
10. Concentricity = Con\_.001\_A
11. Coaxiality = Coax\_.001\_A
12. Perpendicularity = Per\_Ø.001\_A Per\_.001\_A Per\_Ø.001M\_A-B
13. Parallelism = Par\_.001\_A
14. GDT Symmetry = Sym\_.001\_A Sym\_.001\_A\_B\_C
15. Angularity = Ang\_.001
16. Runout =
    1. Radial = Ro\_.001\_A
    2. Cumulative Radial Runout = TRo\_.001A
    3. Axial = ARo\_.001\_A ARo\_.001\_A\_B
    4. Cumulative Axial Runout = TARo\_.001\_A TARo\_.001\_A\_B

Sample strings used in Calypso Programs

1. Ref #332,2a3-1 Rnd\_.002 = #332-1 (Bubble Number), 2a3 (Sheet/Zone) “-1” (1 of x” places) [Space] GD&T and or Dimension string
2. #123.01,2f3 Ø.350 ±.005 = #123.01 (Bubble Number), 2f3 (Sheet/Zone) [Space] GD&T and or Dimension string (x.01 is one of x places)
3. x
4. #318,2a3 Flat\_.002 = #318 (Bubble Number), 2a3 (Sheet/Zone) [Space] GD&T string
5. x
6. #500,3d6 Prof\_.015\_A\_B = #500 (Bubble Number), 3d6 (Sheet/Zone) [Space] GD&T string
7. x
8. x
9. x
10. #42,1c3-1 TP\_Ø.010M\_A\_E = #42 (Bubble Number), 1c3 (Sheet/Zone) [Space] GD&T string
11. x
12. x
13. #60,2b7 Per\_.001\_B = #60 (Bubble Number), 2b7 (Sheet/Zone) [Space] GD&T string
14. x
15. x