

Recommended Shrinkage Allowance Report- Entire Model

Total = 1.73 +/- 0.12 %

Component Shrinkages Report

| Dir. | Recomm. [%] | Single Ualue Validity Range [%] | Predicted Tolerance [%] | Shrinkage Min:Max [%] |
|-------|----------------|---------------------------------------|-------------------------------|-----------------------------|
| X | 1.73 | 0.69:2.77 | 1.04 | 0.00:3.55 |
| Y | 1.45 | 0.83:2.07 | 0.62 | 0.00:3.48 |
| Z | 1.66 | 0.68:2.64 | 0.98 | 0.00:3.72 |
| Total | 1.73 | 1.34:2.11 | 0.39 | 0.75:2.78 |

How solver predicts any of the above values?

Dimension Summary Report
(Using Recommended Shrinkage Allowance)

| Desired Part Dimension(-/+ Tol) (mm) | Required Mold Dimension(Tol) (mm) | Warning | Predicted Part Dimension Range (mm) |
|--|---|--------------|---|
| ----- | | | |
| Dim#1 Node A =10818/Node B =10810 | | | |
| +++++ | | | |
| 143.00 | -0.30:0.30 | 145.47 -0.26 | Not Met |
| | | | 142.45:143.55 |
| Dim#2 Node A =666916/Node B =666921 | | | |
| +++++ | | | |
| 143.01 | -0.30:0.30 | 145.48 -0.26 | Not Met |
| | | | 142.45:143.56 |
| Dim#3 Node A = 3995/Node B =10391 | | | |
| +++++ | | | |
| 411.50 | -0.30:0.30 | 418.61 -1.31 | Not Met |
| | | | 409.91:413.09 |
| Dim#4 Node A =660209/Node B =667418 | | | |
| +++++ | | | |
| 407.37 | -0.30:0.30 | 414.41 -1.29 | Not Met |
| | | | 405.80:408.94 |
| Dim#5 Node A =10559/Node B =10561 | | | |
| +++++ | | | |
| 26.00 | -0.30:0.30 | 26.45 0.20 | **Met** |
| | | | 25.90:26.10 |
| Dim#6 Node A =666450/Node B =666642 | | | |
| +++++ | | | |
| 26.01 | -0.30:0.30 | 26.46 0.20 | **Met** |
| | | | 25.91:26.11 |
| ===== | | | |

How solver predicts encircled values?