Dimensions in millimetres



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18.9.2 Parallelism tolerance of a line related to a datum line



18.9.3 Parallelism tolerance of a line related to a datum plane





18.9.4 Parallelism tolerance of a surface related to a datum plane



18.9.5 Parallelism tolerance of a surface related to a datum line





18.9.6 Parallelism tolerance of a surface related to a datum plane



18.10 Perpendicularity tolerance

18.10.1 Perpendicularity tolerance of a line related to a datum line



Symbol Indication and explanation The extracted (actual) median line of the cylinder shall be contained between two parallel planes 0,1 apart, which are perpendicular to datum plane A and in the orientation specified with respect to datum plane B. 0,1 В 0,1 А В Δ B | A | А А a) 2D using Datum B as a secondary datum b) 2D using an orientation plane indicator 0,1 А В В c) 3D \bot Figure 111 Definition of the tolerance zone The tolerance zone is limited by two parallel planes a distance t apart. The planes are perpendicular to datum A and parallel to datum B.

0,2

Dimensions in millimetres

18.10.2 Perpendicularity tolerance of a line related to a datum system

Figure 112

а

b

Datum A.

Datum B.

