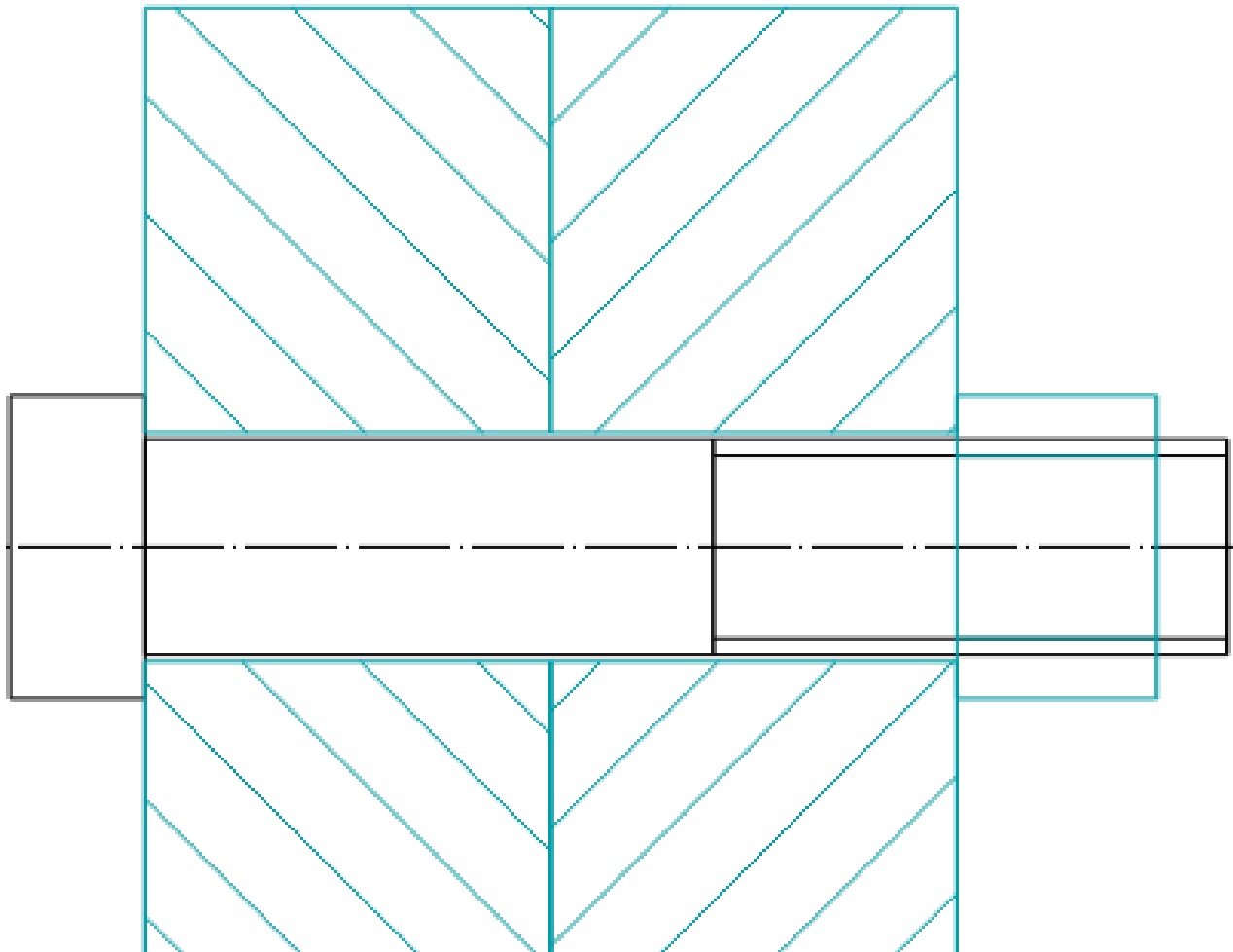


# KISSsoft Specifications

## Bolts



# Contents

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# 1 Bolts

The calculation of bolted joints in KISSsoft enables verification according to VDI 2230 Sheet 1 and proof for bolts with FEM results as described in VDI 2230 Sheet 2. Supplementary calculation methods as used in the industry, in addition to VDI 2230 (literature: H. Wiegand or K. Matthias) have been implemented. Temperatures can also be taken into account. In addition to the report, the clamping diagram, assembly pretension forces, and bolt geometry are shown in graphics. The KISSsoft database contains numerous tables for bolt geometries, strength grades, bore standards, tightening factors, coefficients of friction classes, nuts, and many other tables that can be extended by your own entries.