



maxon ceramic®

Construction guidelines for ceramic components

- Avoid tensile stress on the component – design for compressive stress
- Avoid sharp edges and corners
- Avoid sharp-edged cross section changes
- Design smallest possible components
- Keep machining areas small
- Accentuate machining areas
- Avoid thin ligaments
- Simple component geometry
- No punctiform or linear transmission of force
- Minimal finishing by near-net-shape processes
- Several small components are better than complex large parts