

## Chain of gears / idler gears

### Configurations

- Three gear chain with one idler gear
- Four gear chain with two idlers
- Input on first and output on last gear
- Alternating bending is considered on idler
- Definition of two or three center distances

### Calculations

- Same calculations as for gear pair and planetary gears
- Independent hardness definitions
- ISO 6336-3, Annex B mean stress influence
- Fine sizing function
- Calculation as double planet for several strands
- Definition of fourth gear in the chain as internal gear
- Including assembly condition and collision check



