

PROCESS START



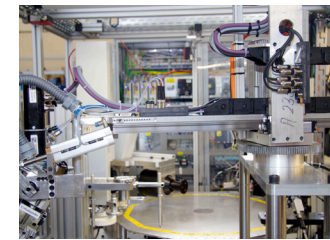
10. Special machine construction

- linking of machinery, facilities & processing
- customized mass production by mounting and refitting standard machinery
- handling equipment
- installing/uninstalling components and machining parts



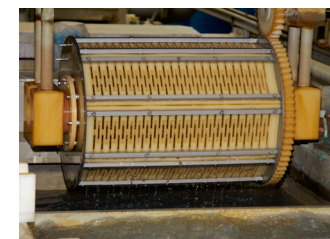
9. Assembly

- manual assembly downstream inspection
- fully automated assembly
 - integrated inspection
 - high level of uniformity
- reduced run time



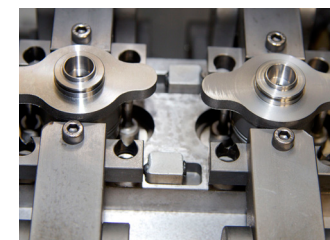
8. Inspection

- measuring systems
- tactile & visual camera inspection systems



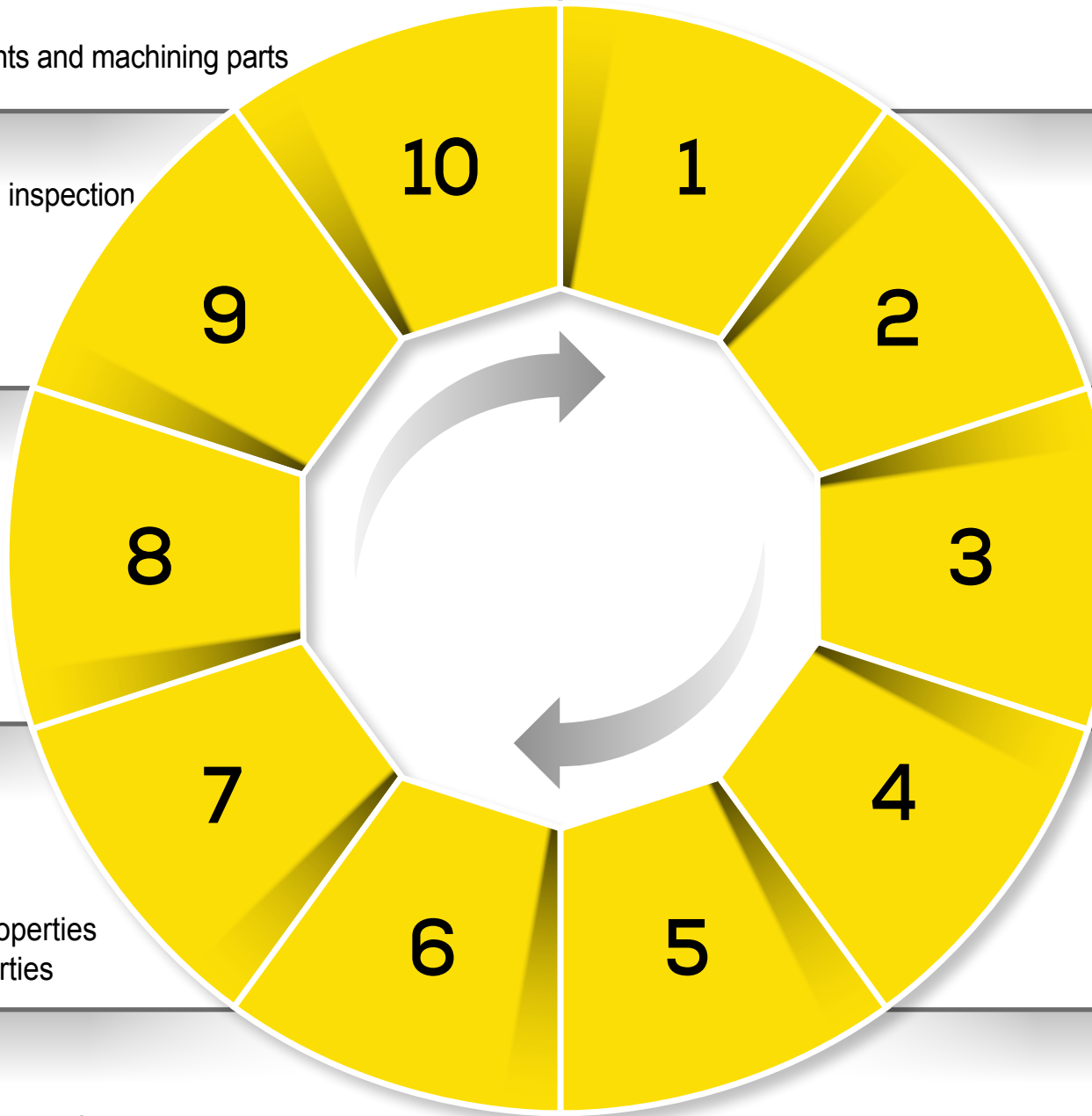
7. Surface refinement

- visual impact
- uniformity
- corrosion protection
- enhancement of the gliding properties by improving the joining properties



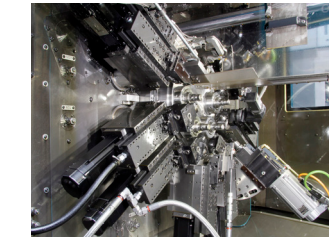
6. Deburring

- surface enhancement
- enhancement of mechanical properties
- enhancement of performance
- enhancement of joining and running properties
- facilitation of assembly



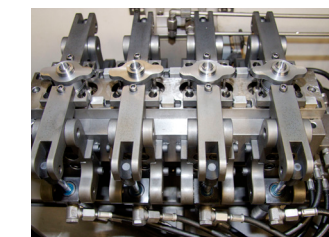
1. Turning

- multi-spindle turning
- CNC turning
- rotary indexing machines



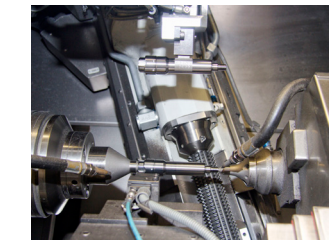
2. Milling

- CNC treatment



3. Gear cutting

- internal & external gears
 - milling
 - shaping
 - broaching
- running gears & splines
- ready-to-install



4. Hardening

- heat treatment
- case hardening
- inductive hardening



5. Grinding

- internal grinding
- outer diameter grinding
- seal-seat grinding
- surface grinding
- honing
- lapping

