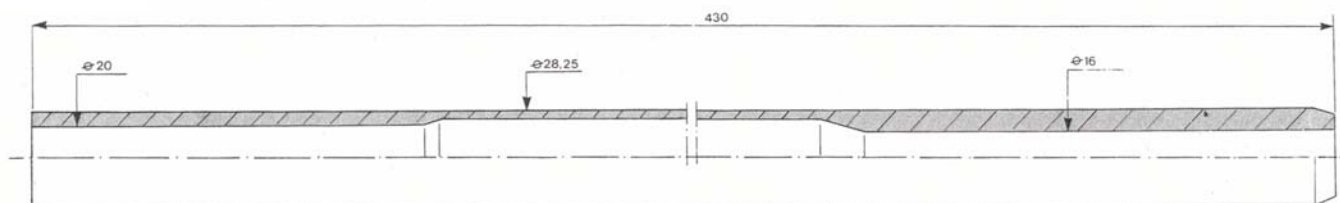


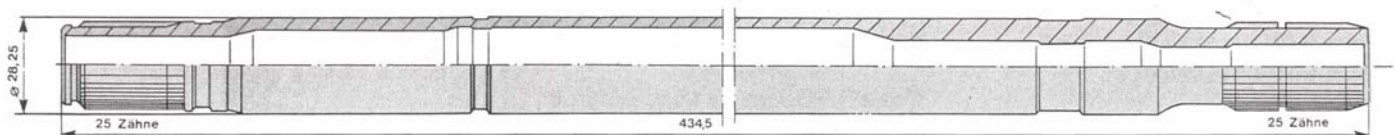
Components produced by Precision  
Rotary Swaging:  
**Drive Shaft**



Blank



Finished part



**Advantages:**

- Material savings of approx. 50%  
(Solid shaft: 2,084 g)  
(Hollow shaft: 1,100 g)
- Minimal chip production
- Complete manufacture of part  
on one fully automatic machine

**Workpiece:**

Material: tube 25 CrMo 4

**Previous technique:**

Turning of solid shafts

**Machine description:**

Model: Rotary Swaging transfer line  
HA 40-6 VUE

**Production rate:**

Cycle time: approx. 12 s /  
machine pass