

## Tools for Processing Cylinders

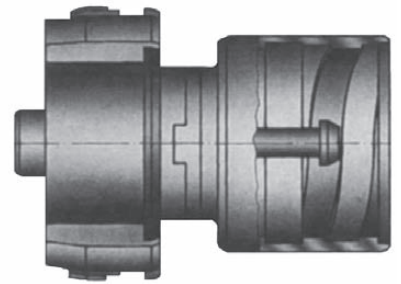
Type SK skiving heads work together with the Type GZ roller burnishing tools to process both seamless and welded precision steel cylinders. On the first pass, the SK skiving head skives the cylinder; on the second pass the GZ tool roller burnishes the surface.

Depending on the cylinder, the process can achieve a diameter tolerance of IT8 or IT9 and a surface finish of  $R_z = 15-30 \mu\text{m}$ .

Most often the tools are used with cylinder processing machine centers or trepanning machines with BTA systems. The quick, cost-effective process is environmentally sensitive as well: no dust, no residue.

### Type SK Skiving Heads

- All SK type skiving heads produce surfaces ideal for roller burnishing
- Adjustable knives float radially
- Cutting inserts easy to exchange
- Type SK-R skiving heads come with the RETRAC® system that prevents tool retraction marks
- Type SK1R skiving head for blind holes available upon request



Basic design SK skiving head



Type SK3 skiving head



Type SK3 skiving head



Type SK1R skiving head