

## Combined Skive-Burnishing Tools

*ECOROLL's combined skive-burnishing tools provide a cost-efficient and environmentally sensitive method for machining the inner surfaces of cylinders in just one step. This line of tools includes types RDS and RDO as well as the innovative Omega skiving head system.*

*The combined skive-burnishing tools are designed to finish seamless or welded cold drawn precision tubes after counter boring (including welded and drawn DOM tubes, seamless cold drawn DIN EN 10305-1 tubes, or hot rolled steel tubes).*

*The skiving head cuts the tube's inner surface to the exact size and form required, while the roller head burnishes it. This simultaneous skiving and burnishing results in a short overall process time.*

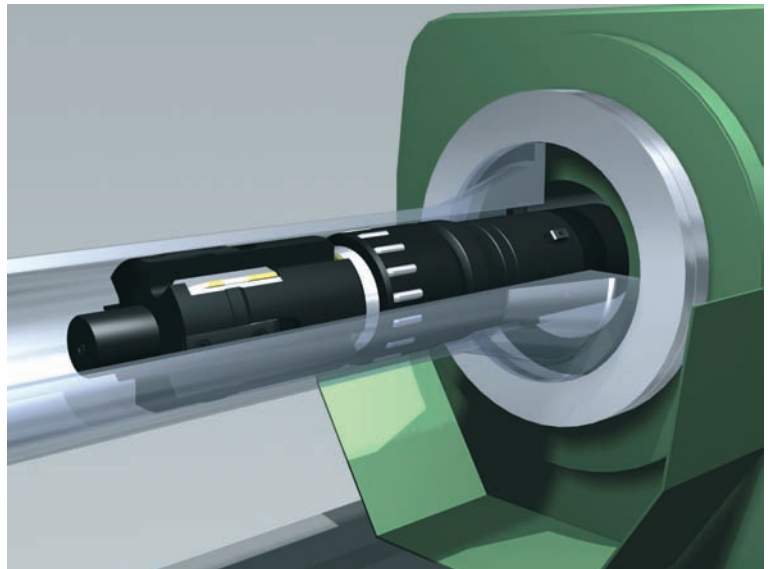
*Through cold working, this forming process achieves a large surface contact area, low surface roughness and increased hardness. Thus, in contrast to honed tubes, the burnished cylinder surface has better sliding and wear properties.*

*ECOROLL skive-burnishing tools can be used with specially designed cylinder processing machines or trepanning machines with BTA boring systems. In addition, special versions are available for use with alternative thread connections, including Sandvik or Sierra.*

**NOTE:** *The machine tool supplies the working pressure to the tool via a high pressure hose with a quick coupling connection. When the process is complete, the pressure is released, and the skiving knives and the rolling head collapse. The tool can be quickly retracted without damaging the finished surface.*



Type RDS tool



Type RDSE tool