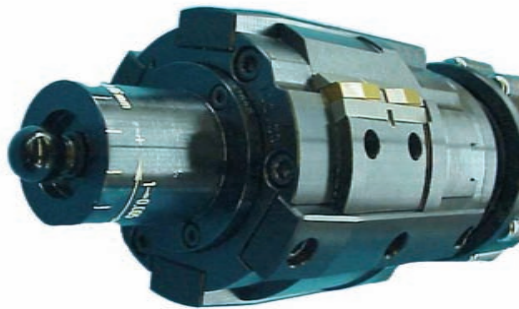
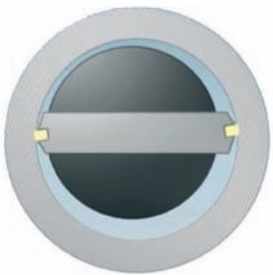


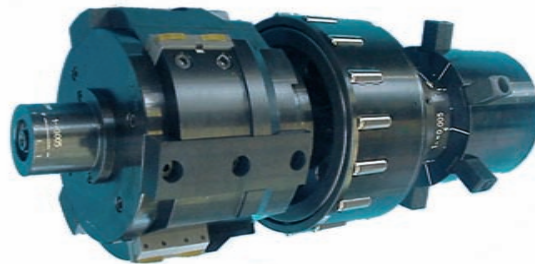
## “Omega” Skiving Head

While the OMEGA skiving head cuts the cylinder’s inner surface to the exact size and form required, the roller head burnishes it. The simultaneous skiving and burnishing process, together with increased cutting performance (cutting speeds up to 300 m per minute and feeds of 3 – 6 mm per revolution), result in substantial cost savings. The OMEGA skiving head is equipped with two, three or six floating knives arranged to work in concert.



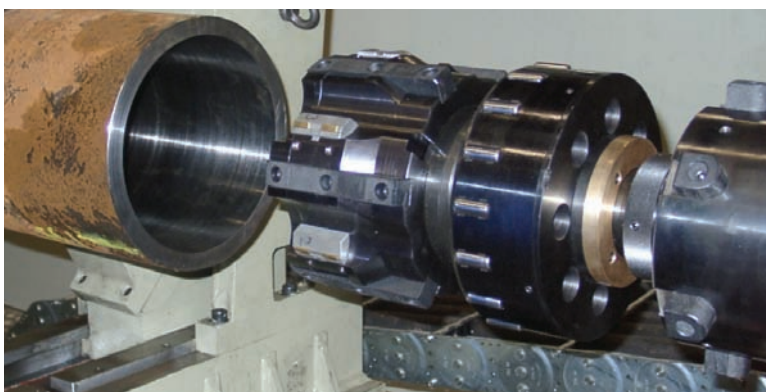
For simple applications with no rippling:

an economical version with **2 knives**



For applications with moderate rippling in a diameter range of 60 – 400 mm:

a version with **2 – 3 knives**



For difficult applications that require substantial form correction in a diameter range of 205 – 400 mm :

a version with **6 knives**

The knives center themselves automatically so that each removes chips of nearly the same thickness regardless of cylinder form deviation. Thus, RDO tools with OMEGA skiving heads skive the tube clean without removing large amounts of material. This innovative knife arrangement markedly improves the tube’s circular form while preventing the formation of ripples and polygon-shaped bores.