

Tools for Power-Skiving

Improve your productivity with our new Power-Skiving tools.

Working hard for you.

Hobs, Heavy Duty Roughing Hobs, Fir Tree Cutters, Shaper Cutters, Deburring tools, Band Saw Cutters, Form Milling Cutters, Worm Cutters, Worm Wheel Cutters, Skiving hobs, FIN rollers, Milling Cutters, Rack Milling Cutters, Sharpening Service, Coating service, individual solutions, field service through our application engineers.



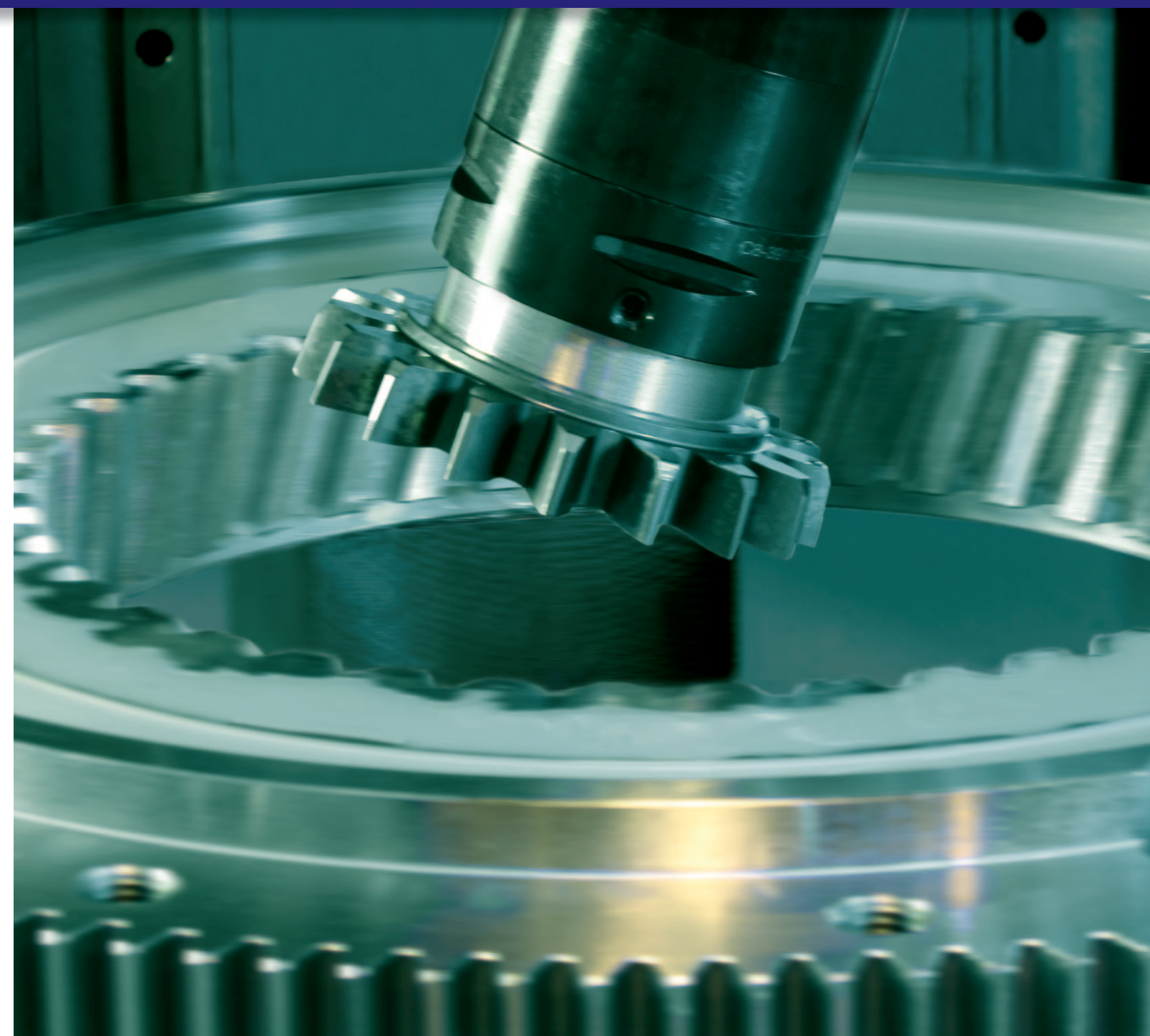
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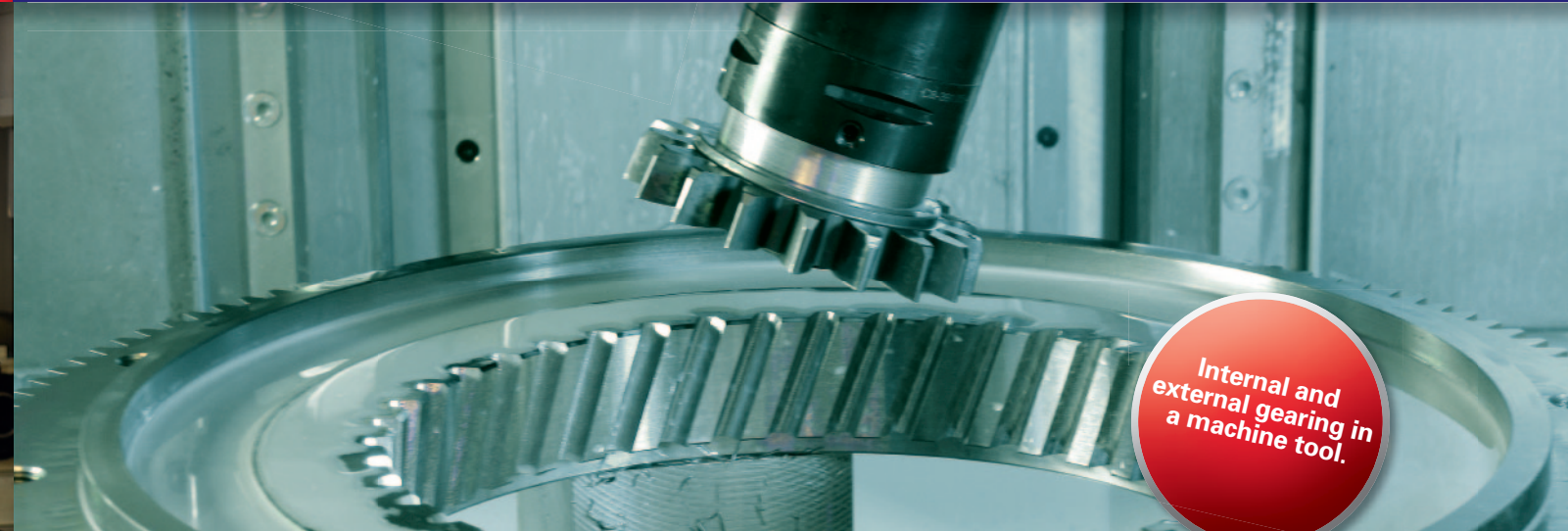


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High performance tools for gearing.

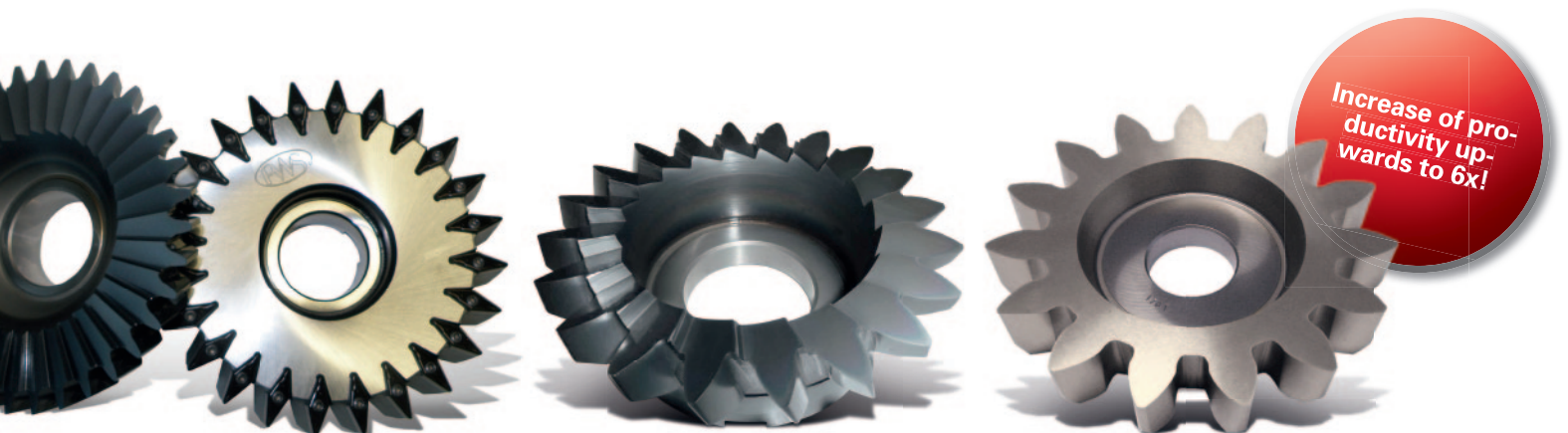


Our well trained personnel guarantee the highest quality standards.

With extensive experience and specific knowledge of manufacturing tools, our specialized employees produce the Power- Skiving tools.

For more than 70 Years we have developed and manufactured high performance tools.

PWS Präzisionswerkzeuge GmbH in Schmöln is specialized for developing and manufacturing high precision and high performance tools. The continual improvement of tool geometries and specific manufacturing and processing has led PWS to be one of the most innovative developers of industrial tools. For optimum quality, all of our tools are inspected on quality certified measuring machines. Since the 2002 merger of PWS and the Pforzheim-based company, Gebr. SAACKE GmbH & Co.KG, PWS is able to offer high precision tools of nearly every type and of every quality level.



Chip flow, rigidity and geometrical accuracy of modern, optimized machine concepts makes the rediscovered Power-Skiving process as an efficient method to produce gears.

Power- Skiving is an extremely powerful process to manufacture internal and external gears.

The original Power- Skiving process was developed in the early 20th century. Combining specific designed tools with modern machines advanced this process to an incredible success. The advantages of Power- Skiving is a result from combining two well-known processes of hobbing and shaping. By reducing a single manufacturing process, it is now possible to produce gears in high quality in only 1/6 of the time versus conventional machining techniques. Together with the well-known machine builders, we are able to optimize the Power- Skiving process with specially developed and designed tools.

High Profitability / Low Costs

It is rare to be cheaper and simpler when using a more economical process. To profit from all the advantages of Power- Skiving, the common rule is to only use the tools from PWS Präzisionswerkzeuge GmbH in modern turning and milling centers.



Power-Skiving cutter with carbide inserts.