

Brake disc machining



Brake disc in a wheel as an application example

Consider the application and tool together

EHWA presents honing stones and grinding tools for brake-disc machining. The source sheet names ZAPEX-G and the Mevious tool line. Friction-ring surface, useful tool life and a matched machining process are central.

This edited overview provides an introduction to the tool family. Complete original tables and illustrations remain accessible through the source links. You can move from the described operation directly to a technical discussion of your application.

Applications and tool assignment

Application or feature	Tool and assignment
ZAPEX-G	Honing stones for the illustrated brake-disc applications
Mevious	Hybrid technology combining metal and vitrified bonds
Coated brake disc	Select tooling for coating and surface target
Process assessment	Topography, dimensional accuracy, cycle and tool life

Tool features and benefits

The document describes long useful tool life, short processing times and profile stability. For Mevious, the illustrated hybrid bond combines wear resistance with grinding performance. The original reference to Euro 7 indicates the application focus; a tool name alone does not establish emissions or vehicle approval. The friction-ring surface is matched to its coating and function.

From your application to a tooling solution

State substrate, coating or deposited layer, layer thickness and friction-ring geometry. Machine, mounting, coolant and required surface parameters are important. Honing and grinding retain their respective tool and process assignments.

Start with the information already available. An existing tool, a photo or a drawing is often a useful starting point. Also discuss your goal: replacing an existing design, improving surface quality or reducing tool changes and machining time. Comparisons record quality, time and useful output together; missing information can be added during the technical discussion.

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[Request tool selection](#)

Further original documents

- [Brake disc machining - Brake-Disc 2026 QR](#) · Original PDF, 1 page.

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