

DiamondX: cutting and grinding



DIAMOND X tool: abrasive layer detail

Consider the application and tool together

DiamondX covers diamond cutting and grinding tools for demanding metalworking. The brochure describes brazing technology that holds diamond grit on a steel body. The program explicitly distinguishes cutting, grinding and other operations.

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
Steel sections, pipes and bars	Matched cut-off wheels
Castings and gates	Foundry applications and cutting tools
Welds and bevels	Grinding wheels for removal and preparation
Special materials	Design matched to the specific material/product combination

Tool features and benefits

The documents describe long useful life, fewer changes and retention of tool form. Reduced sparks, less tool-body debris and minimal odor are stated comparison features. The brochure wording describes reduced breakage risk; it is not turned into a promise of an unbreakable tool. A useful comparison considers part count, working time and machining result.

From your application to a tooling solution

Tell us the material, cross-section, machine type and planned operation. Cut-off and grinding wheels are selected for their respective use. Maximum speed, guards and permitted applications follow the tool and machine instructions; the brochure does not replace those instructions.

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.

EHWA Europe · Technical consulting

info@ehwadia.de · +49 (0) 6173 - 99 77 80

[Request tool selection](#)

Further original documents

- [DiamondX: cutting and grinding - DiamondX-BrochureWEB](#) · Original PDF, 8 pages.
- [DiamondX: cutting and grinding - DiamondX-Brochure.pdf](#) · Original PDF, 39 pages.

Overview edition: editorial preparation dated 13 October 2026. Both language versions use the same topic structure; this date does not indicate the publication year of the originals.