

Brake Disc Machining

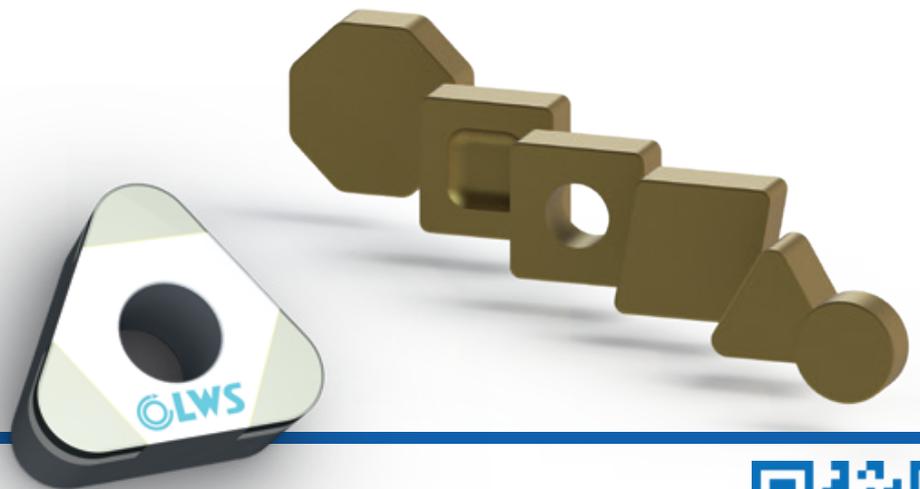
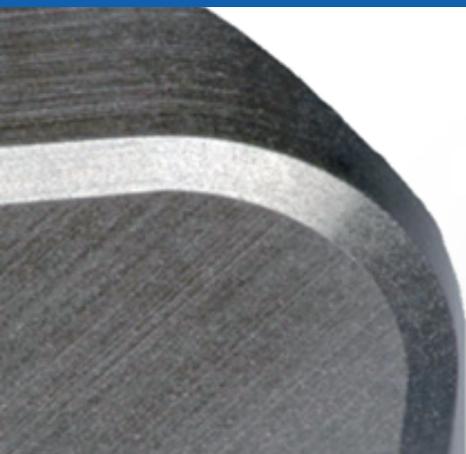
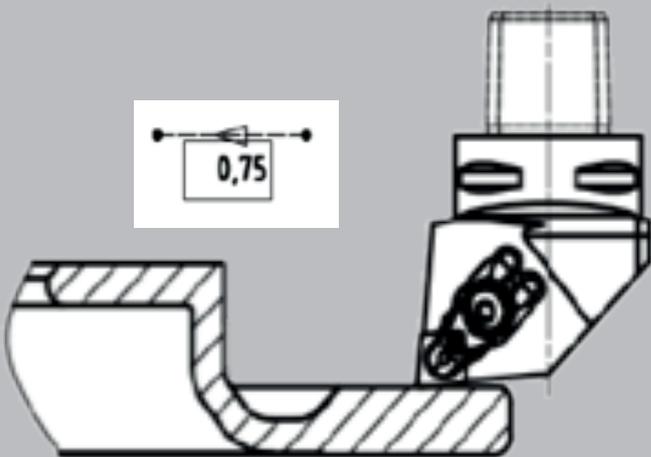


with **LWS**



CBN-Turning Inserts

new and refurbished



LWS
Werkzeuge für Zerspanungs-Technologie
Manfred Lechner

INNOVATIVE
MACHINING TECHNOLOGY
FOR MORE EFFICIENCY



lws-gmbh.de

CBN is the cutting material of choice when machining brake discs made of gray cast iron. Due to the good thermal conductivity, the high grinding temperatures do not attack the CBN and thus the cutting heat generated during use is not a problem. Our CBN-tipped cutting tools are brazed in our in-house high-vacuum furnace. The bond through vacuum soldering has a particularly high strength and heat dissipation, much higher than with atmospheric induction soldering. Solid inserts are efficiently ground and lasered on the most modern machines. The laser process offers the possibility of inserting a previously defined chip breaker contour into the CBN cutting edge. Making the clamping dimples (for holders with clamping claws) by using the laser-technology is also common practice for us.

Depending on the application, we recommend an additional coating to extend tool life and to better recognize wear. Thanks to our cooperation with renowned coating companies, we can offer you all services from a single source. We are happy to advise our customers on the right CBN grade and coating.

DNMA 150402 T [SORTE] - EW	12.700	2,5 - 3,0	4,76	0,2	0,15*15*
DNMA 150404 T [SORTE] - EW	12.700	2,5 - 3,0	4,76	0,4	0,15*15*
DNMA 150408 T [SORTE] - EW	12.700	2,5 - 3,0	4,76	0,8	0,15*15*
DNMA 150602 T [SORTE] - EW	12.700	2,5 - 3,0	6,35	0,2	0,15*15*
DNMA 150604 T [SORTE] - EW	12.700	2,5 - 3,0	6,35	0,4	0,15*15*
DNMA 150608 T [SORTE] - EW	12.700	2,5 - 3,0	6,35	0,8	0,15*15*
DNMA 150612 T [SORTE] - EW	12.700	2,5 - 3,0	6,35	1,2	0,15*15*

S = Lagerstandard
Andere Maße und Toleranzklassen auf Anfrage gerne möglich



Our refurbishing service offers you a significantly greater use of the resource that is in your tools. Of course, the environmental aspect is also more topical than ever: reuse saves energy, raw materials ... and money.



The service is as simple as possible:

An LWS HighLife-Box box will be provided to you. The box contains inlays that are specially adapted for your purpose. The individual articles / tools can be noted and numbered on a pre-printed formular (also available as a PDF form). The box can then be sent to us without any further packaging.



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