

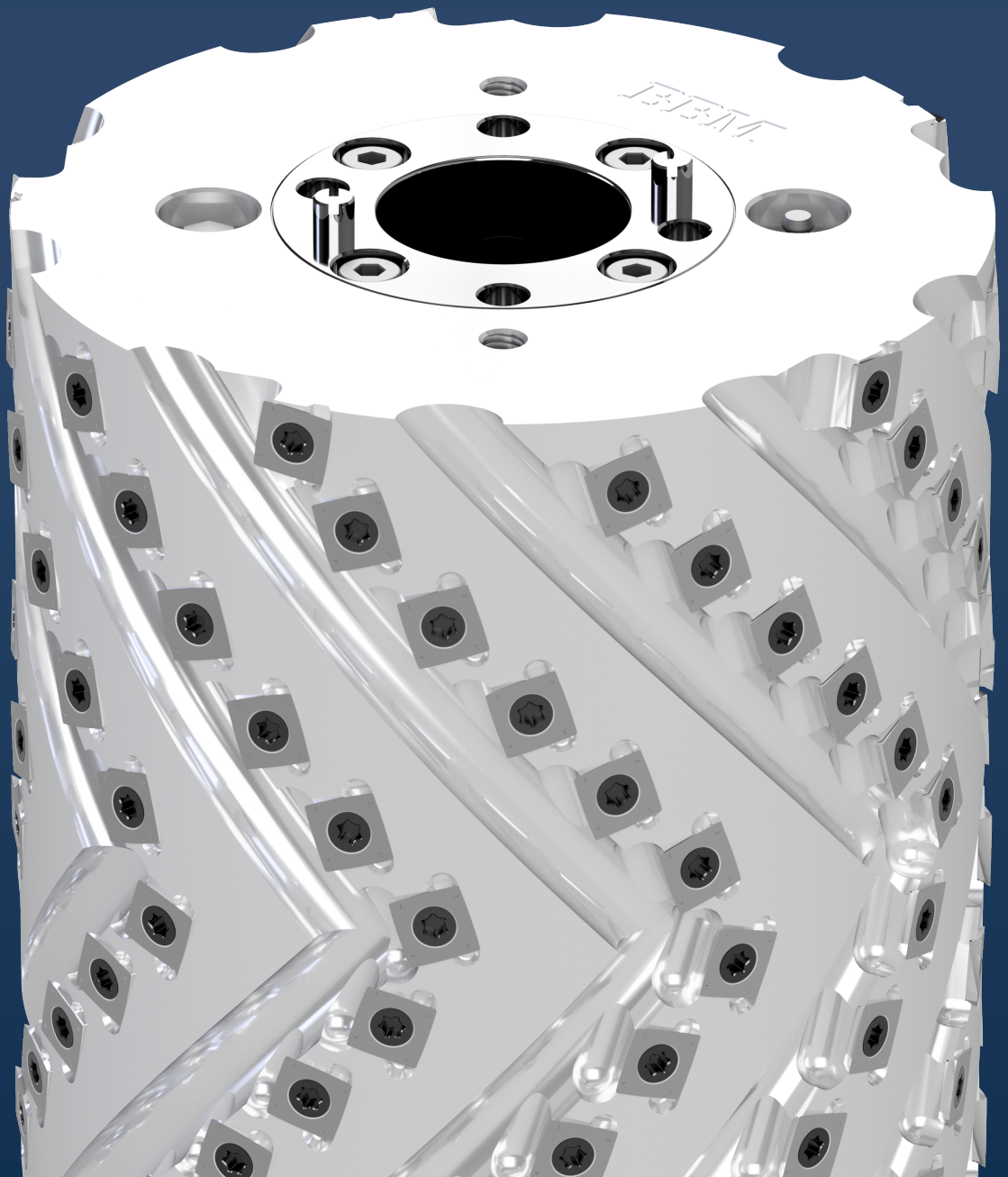
Helix Cutter

Quietly Powering the Next Compute Era

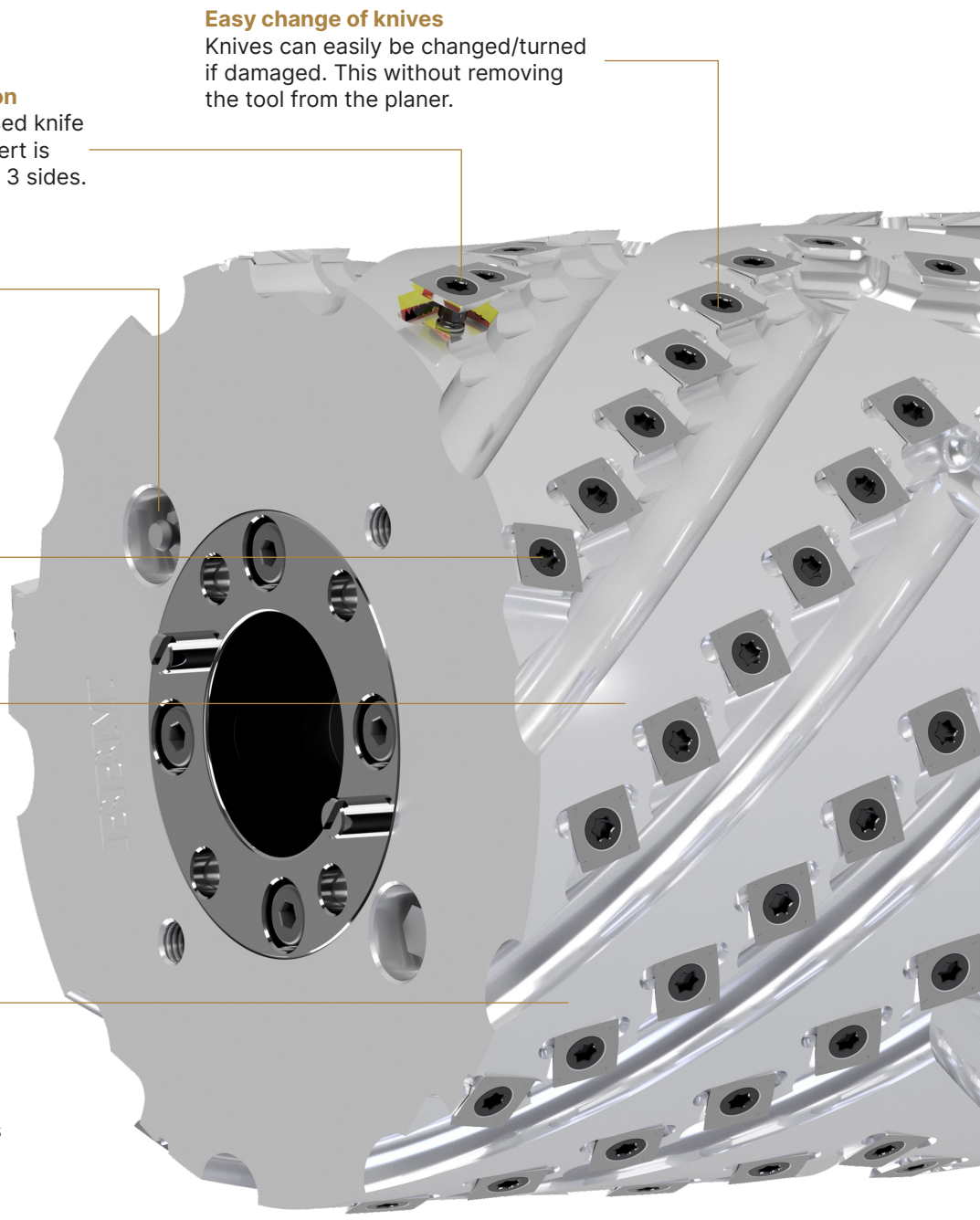
Smarter. Quieter. Stronger.

BBM Helix is a market-leading precutting tool designed for high-performance machining. Its indexable knife system delivers exceptionally smooth surface quality – often good enough for a finish cut.

A closed knife pocket protects the knife edges and prevents debris buildup, ensuring reliable operation even in demanding environments. With quick single-knife replacement directly on the spindle, BBM Helix minimizes maintenance time and maximizes production uptime. Built with premium materials and optimized geometry, it delivers durability, efficiency, and consistent performance where it matters most.



BBM



Easy change of knives

Knives can easily be changed/turned if damaged. This without removing the tool from the planer.

Knife protection

Due to the closed knife pocket, the insert is protected from 3 sides.

Secure grip

Accurate centering with hydro clamping.

Less power consumption

Multiply divided cuts ensures substantially lower power consumption.

Noise reduction

Reduced noise due to closed design.

Smaller chips

Dividing the cut all over produces smaller chips. Higher density in chip storage than conventional planer head chips.



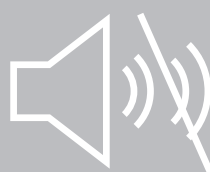
Long running time

Less time consuming production stops to change tool.



Less power consumption

Due to cut division into smaller cuts, the power needed is reduced. Sustainability at its peak!



Less noise

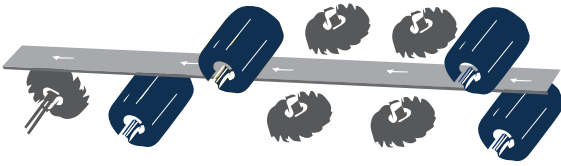
The noise from the rotating tool is considerably lower compared to conventional cutter heads due to the closed design.



Smaller chips

Smaller chips that provides denser storage with less air.

Technical Data



D	B	Z	Bore	RPM	Art.No. Single Helix	Art.No. Plow Helix
180	235	4+4	**	6000	E26.*****	E26.*****
180	235	5+5	**	6000	E26.*****	E26.*****
180	235	6+6	**	6000	E26.*****	E26.*****
200	235	5+5	**	6000	E26.*****	E26.*****
200	235	6+6	**	6000	E26.*****	E26.*****
200	260	7+7	**	6000	E26.*****	E26.*****
200	260	5+5	**	6000	E26.*****	E26.*****
200	260	6+6	**	6000	E26.*****	E26.*****
200	260	7+7	**	6000	E26.*****	E26.*****
250	310	7+7	**	6000	E26.*****	E26.*****
250	310	8+8	**	6000	E26.*****	E26.*****

Torque wrench for Helix	Art.No.
Wrench 5-14Nm	V745500
Bit holder 1/4 S6mm L=105	V745540
Bit Torx 20 L = 50	V745547

Accessories	Art.No.
Helix insert knife R115 15×15×2,5	15152,5-R115C
Helix screw	Helix screw R20
Safety ring Ø45 spindle	K32091
Safety ring Ø50 spindle	K32092
Safety ring Ø60 spindle	K32093

