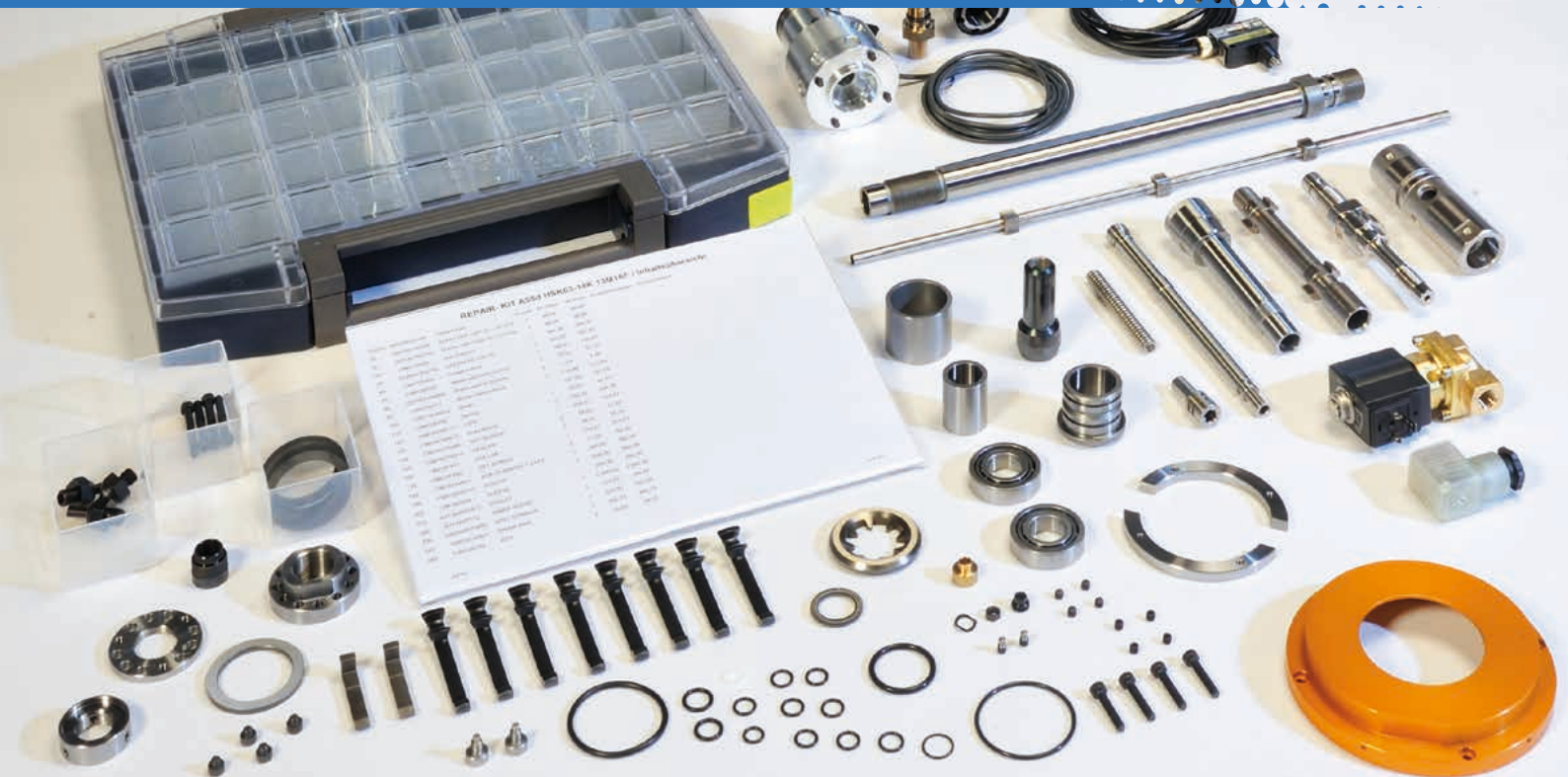


MAKINO

MAKINO Services

Maintenance for machining centres



Expect a professional service from your annual maintenance visit!



We'll maintain your machine – so you can focus on your production!

Annual package

Maintenance services during annual visit	
Check of safety functions	✓
Scheduled regular maintenance	✓
Data Backup	✓
Tool changer	Detailed
Pallet changer	Detailed
Central lubrication	Detailed
Tank system and chip disposal	Detailed
Spindle unit	Detailed
Linear axes	Detailed
Table / B axis	Detailed
Electrical cabinet	Detailed
Telescopic cover	Detailed
Hydraulic assembly	Detailed
Pneumatic system	Detailed
CNC check and buffer battery change	Detailed
Measurement of machine geometry	✓
Measurement of spindle run-out	✓
Measurement of Spindle clamp force	✓
Check Tool Change position	✓
Measurement of Workroom area	✓
Check of machine alignment	✓
10% discount on spare parts¹	X

¹ Not valid for main spindle.

Optional services

Laser measuring
Ball bar test
Main spindle Frequency analysis Inspection
DGUV V3 Inspection
Leak test on main spindle
Main spindle balancing Inspection

Ask about our extended range of service products.
Your regional customer representative can give you personalised advice and will be gladly to visit you on site.



Sebastian Jung

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