

NEW
2019/20

HIGHLIGHTS

Tooling & Machine Tooling Technology

Metal / Composites machining



BENZ GmbH Werkzeugsysteme

Im Mühlegrün 12
D-77716 Haslach
T +49 7832 704-0
F +49 7832 704-8001
info@benztooling.com
www.benztooling.com

F-341798-EN-0919



LIVE TOOLS



Broaching unit BENZ LinA 4.0



The broaching unit BENZ LinA for lathes has been completely revised.

- + Internal coolant supply
- + Higher stroke speeds
- + Higher productivity
- + Industry 4.0 ready

EXCHANGEABLE UNITS



Multi-spindle heads

If cycle time reductions are part of your daily business, multi-spindle heads are your ideal solution.

- + Customised solutions, e.g. with individually adapted machining angle and the modular quick change system BENZ Solidfix®

EXCHANGEABLE UNITS



Angle heads with automatic exchange function of the front tools

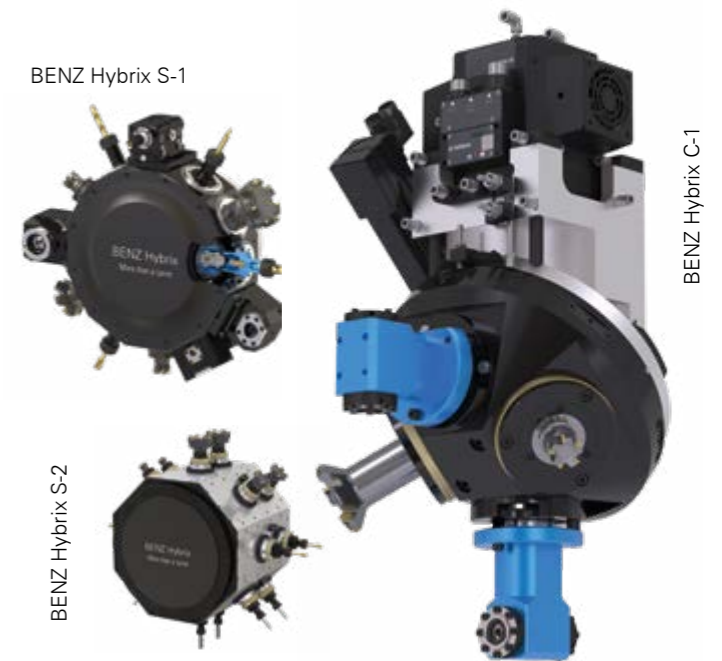
In the production process quite often a wide range of tooling is used. Utilizing right angle heads capable of automatic front tool exchange enables a wide range of process variations during production.

- + Automatic set-up process
- + Optimized magazine allocation
- + No investments for further angle heads

TOOL HOLDING SYSTEM

BENZ Hybrix
More than a turret

Rotating tool holding system (magazine) with fixed basic housing. The magazine's main components are stationary motor spindles with an automatic tool changing system.



Benefits

- Higher performance density than tool turret
- Precision and flexibility

Hybrix	C-1	S-1	S-2
$P_{S1/S6}$ / Spindle [kW]	11 / 13,2*	26 / 38*	20 / 25*
n_{max} [U/min]	24.000	12.000	16.000
$M_{S1/S6}$ [Nm]	8,9 / 10,7*	31 / 45*	57 / 72*

MODULAR QUICK CHANGE SYSTEMS

BENZ SOLIDFIX®



Saving of time

BENZ CAPTO™



Cost reduction

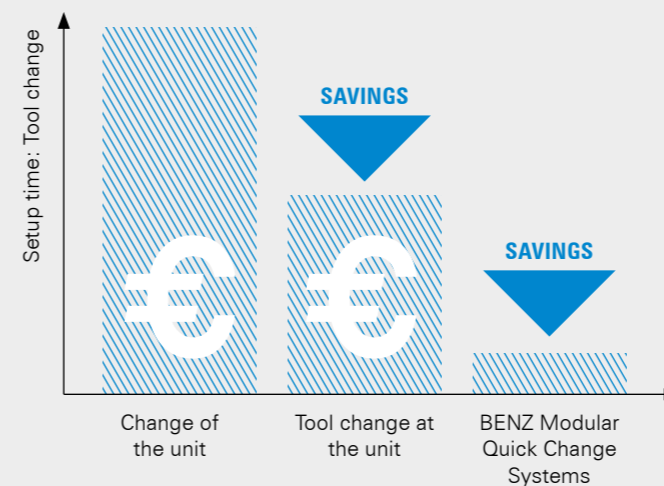
BENZ NANOFIX®



Easy handling



Operating safety



TREND: E-MOBILITY



Angle head for milling operations on a battery tray used in electric vehicles.

CUSTOMISED SOLUTIONS :
MACHINING OF A BRAKE CALIPER



Slim WGx angle head with direct tool clamping for machining in narrow interference contours

SERVICES

No matter where in the world you are, we are close by.

From repair service to spare parts management all the way to on-site service - of course worldwide.

- + Global Service Call
- + Repair Service for units & motor spindles
- + Preventive Maintenance
- + Spare part service
- + Individual Rapid Repair Kit
- + Service Hotline - 24 hours



BENZ Multi-spindle heads
with c-axis

