1946 - 2026

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BENZ TOOLING

NEW
2023/24

HIGHLIGHTS

Tooling Technology

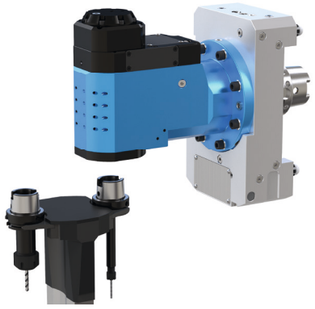
Metal / Composites machining



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BENZ TOOLING

EXCHANGEABLE UNITS



BENZ Angle Head 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



BENZ Angle Head with MQL

The innovative design principle of BENZ enables an optimal flow of the aerosol from the machine main spindle to the tool cutting edge.

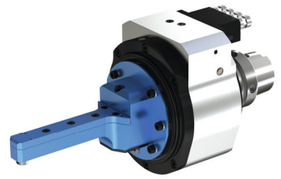
+ very good machining quality
+ less tool wear
+ environmentally friendly machining



BENZ Angle Head WSX03

BENZ goes small - The use of our compact size 03 angle heads on 3-axis machining centers opens up additional machining options for you and reduces the number of workpiece reclampings.

+ additional processing options with comparatively low investment costs
+ the low weight of around 2 kg enables automatic insertion and replacement even with small machining centers

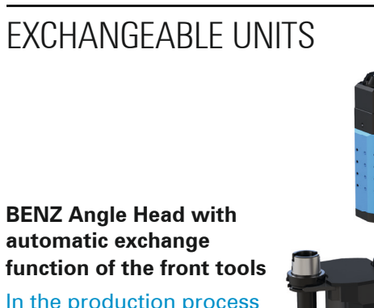


BENZ Angle Head with c-axis function

The BENZ angle head with automatic positioning in the c-axis simplifies the machining of complex components with bores in different angular positions.

+ reduced investment costs due to lower number of tools
+ optimisation of machining time per workpiece
+ good retrofittability to existing machine concepts

BENZ SOLIDFIX®



BENZ CAPTO™

Cut-out adapter catalogue: BENZ Modular Quick Change Systems

Saving of time

Cost reduction

Easy handling

Operating safety

Reduce set-up time = save costs

BROACHING UNIT



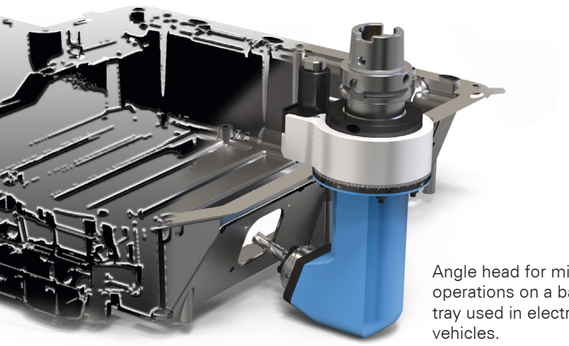
BENZ LinA 4.0

Complete machining with one setup - The integration of broaching units into the manufacturing process is an ideal example of how time-consuming reclamping and setup processes can be saved.

New! The new generation of BENZ units is equipped with internal cooling as standard, which has a positive effect on the lifetime of the cutting plates and thus on the efficiency of the entire process!

+ for all common CNC lathes and machining centres
+ internal cooling as standard
+ available in two different sizes
  GS version - total stroke of 32mm /
  GSL version - total stroke of 53mm

TREND TOPICS: E-MOBILITY



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

SERVICES: WORLDWIDE

No matter where you are in the world, we are close by.
From repair service to spare parts management all the way to on-site service - of course worldwide.

+ new BENZ service centers in India and China
+ global service call
+ repair service for units & motor spindles
+ preventive Maintenance
+ spare part service
+ rapid repair kit

BENZ i.tag DIGITAL NAMEPLATE

With the digital nameplate BENZ i.tag all technical data and documents are always at hand and available. In addition, it allows you to contact our sales and service team via web, telephone and e-mail.

+ **easy** readout via smartphone
+ **environmentally friendly** - paperless access to all documents
+ **safety** through SSL-encrypted communication



full product information available at all times

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