

# SHARK 5-jaw tool grinding chucks



grinding deserves SOLUTIONS



## SHARK - Finally! A 5-Jaw chuck with high-precision GDS quality!



Tool grinding success requires achieving extreme precision and perfect quality while minimizing setup and tool-change times. The GDS SHARK multi-range chuck helps you meet those challenges.

Specially designed for situations in which the shank diameter changes frequently, the SHARK **automatically clamps** directly onto the workpiece. You **don't need collets or intermediate sleeves** for any diameter within the chuck's range. Your set-up time is reduced to a minimum and you achieve **set-up cost savings of up to 70%** compared to regular chucks.

You can also **swallow oversized shank features**, like the driver on a surgical tool.

Plus, the SHARK is just as suitable for **manufacturing** new tools as it is for **resharpening**.

The SHARK's clamping jaws are in the same axial position at all times, making it easy to check interference and set-up auto-loading.

Due to its unique new solid jaw guide, axial runout (wobble) can be reduced to a minimum.

Thanks to the chuck's outstanding concentricity and repeatability...plus a profile that offers excellent wheel clearance...you achieve consistently excellent results, even with difficult processes.

During operation, the chuck is cleaned with an air purge (assuming your machine has this function). This prevents contamination and maintains absolute precision over the long term.



The **SHARK 5-Jaw Chuck** is designed exclusively for **automatic operation**.



## Your advantages:

- **Clamp any diameter without collets** or sleeves
- **Runout  $\leq 0.005$  mm ( $\leq 2$  tenths)** at  $2\frac{1}{2}xD$
- Can **swallow (clamp over) oversized shank features**
- Concentricity can be precisely aligned
- **Cost reduction** due to setup time savings
- **Manufacturing or regrounding**
- No auxiliary tools required



## 3 versions for 3 different diameter ranges:

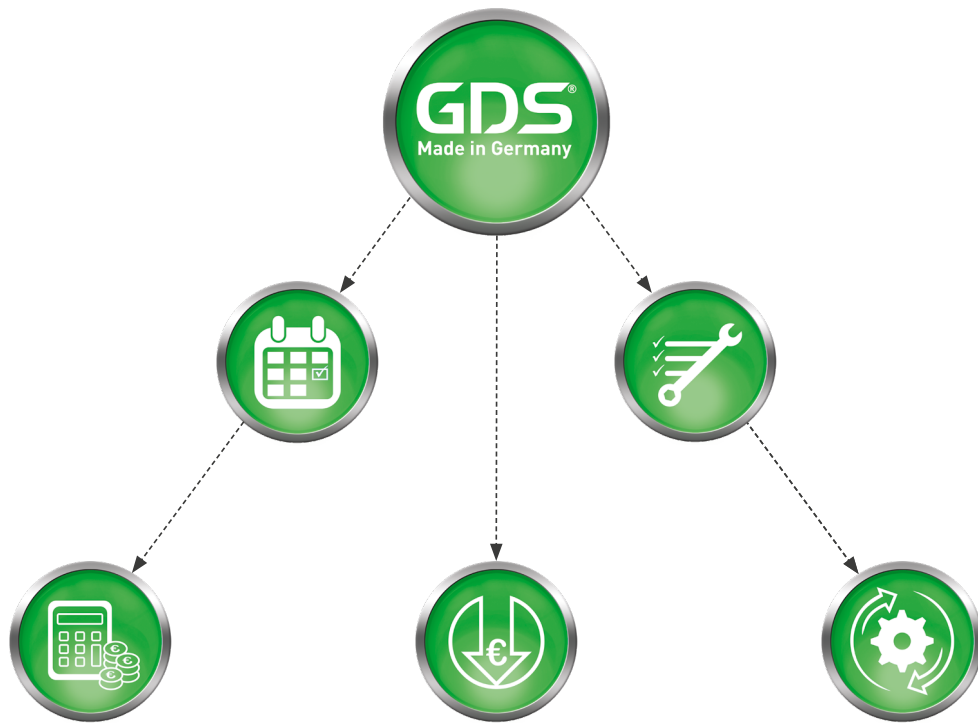
Clamping range (mm)	Number of jaws	Min. clamping depth
1-16 mm	5	2.5 x D
3-20 mm	5	2.5 x D
20-40 mm	5	2.5 x D

## Suitable for virtually any ISO/SK50 tool grinder

- ANCA TX, MX, FX, & CPX
- Haas Multigrind
- Joerg S-tech
- Reinecker
- Saacke
- Schneeberger
- Schütte
- Star NXT
- Strausak
- TGT
- Vollmer VGrind
- WALTER Helitronic Vision, Power, etc

The color of the ring changes depending on the machine type. For example, blue for WALTER, red for ANCA, etc.

# REVOLUTION IN TOOLGRINDING



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