

Garant

Driven tool, axial, VX4, Type: 40-VX4-IK



Order data

Order number	319904 40-VX4-IK
GTIN	
Item class	31W

Description

Version:

For use on all **DMG Gildemeister CTX** CNC lathes with **Sauter** turret. Drive coupling **DIN 5480**. Clamping of tools in driven tool using ER collet with external nut or VARIA VX quick-change system under license from EWS. External cooling via a coolant tube, internal cooling through the tool centrally through the spindle. Maximum speed 8000 rpm.

For use on both disc and radial turrets. Ratio 1:1. Version with internal cooling (internal) max. 25 bar.

Version IKC – with ceramic seal set, pressures up to 70 bar, with full dry-run capability.

Version IM – with internal clamping nut.

Advantage:

- **Weight- and geometry-optimized design.**
- **Process reliability through high-quality components, longevity.**
- **High torque transmission.**
- **100% control – each driven tool is subjected to a run-in programme.**
- **Internal cooling: specially developed and patented seal.**

Application:

As many machining steps as possible in one clamping set-up. Where space (available clamping positions) in the revolver is at a premium.

Suitable for:

DMG Gildemeister CTX. In some cases, Emco, Hardinge, Monforts, Scherer etc. with DIN 5480.

Supplied with:

Driven tool for collet: including clamping nut and hook spanner. Driven tool VARIA VX: including chuck key.

Optional extras:

Suitable inserts Varia VX No. 319802 – 319888, ER quick-change adapters No. 319761 – 319781, ER collets No. 308941 – 309878, ER clamping wrenches No. 309680 – 309745.

Note:

- **Other drive types (such as DIN 5482), ratios, dimensions, BMT etc. on request, see: www.hoffmann.ews-tools.com**
- **IC tools (with through cooling) will not run dry with standard seal, coolant filtering < 50 µm.**
- **Recommendation: Tighten version VARIA VX with a torque tool (max. 6 Nm).**
- **For heavy-duty milling work, a variant with tapered roller bearings is recommended on request.**

Technical description

Cooling	internal
x	80 mm
x ₁	84 mm
x ₂	64.7 mm
b ₁	85 mm
maximum pressure	25 bar
Adapter	VX4
VDI size	40
Tool clamping	VX4
Type of product	Driven tool

Accessories

Varia collet chuck VARIA VX4 for ER collet size 40	319804 40
Axial milling cutter spigot VARIA VX4 Spigot Ø d1 16 mm	319838 16
Indexable drill toolholder VARIA VX4 Clamping range Ø D1 10 mm	319827 10
	319827 12

Indexable drill toolholder VARIA VX4 Clamping range Ø D1 12 mm	
Indexable drill toolholder VARIA VX4 Clamping range Ø D1 6 mm	319827 6
Varia collet chuck VARIA VX4 for ER collet size 25	319804 25
Indexable drill toolholder VARIA VX4 Clamping range Ø D1 16 mm	319827 16
Varia collet chuck VARIA VX4 for ER collet size 32	319804 32
Varia collet chuck VARIA VX4 for ER collet size 16	319804 16
Indexable drill toolholder VARIA VX4 Clamping range Ø D1 20 mm	319827 20
Indexable drill toolholder VARIA VX4 Clamping range Ø D1 25 mm	319827 25
Indexable drill toolholder VARIA VX4 Clamping range Ø D1 8 mm	319827 8
Axial milling cutter spigot VARIA VX4 Spigot Ø d1 27 mm	319838 27
Axial milling cutter spigot VARIA VX4 Spigot Ø d1 22 mm	319838 22
Varia collet chuck VARIA VX4 for ER collet size 20	319804 20