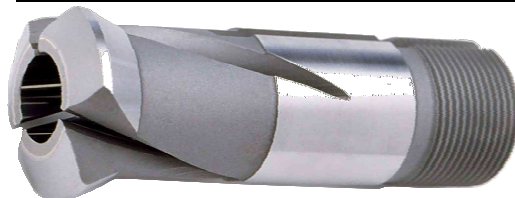


**GUIDE BUSHING and COLLET WITH SPIRAL SLOTS,
TYPE NEUKOMM (Patent)**



The helicoidal arrangement of the three slots follows the geometry of the rotational and translational movements of the machined bar.

They provide a **continuous tightening** for a better hold of the bar.

The bar slides without play in the bore, perfectly twined round its diameter.

There is no interruption of tightening.

At machining very high precision parts, **within tolerances from 0.001 to 0.002 mm**, the spiral slots avoid the triangulation effect that a bushing with straight slots could cause.

The V-shaped slot allows a maximal **lubrication**, better hold of cutting-tools, reducing the sharpening frequency and the risk of seizing.

The CW direction of the slots ensure oil to go through the bushing to lubricate the bar in the bore and provide a good evacuation of the chips.

You can machine **profiled materials** like hexagonal or octagonal bars in the round bore.

Bushings with spiral slots are also used for deburring workpieces by performing a backward of the spindle.

COLLET WITH SPIRAL SLOTS,



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