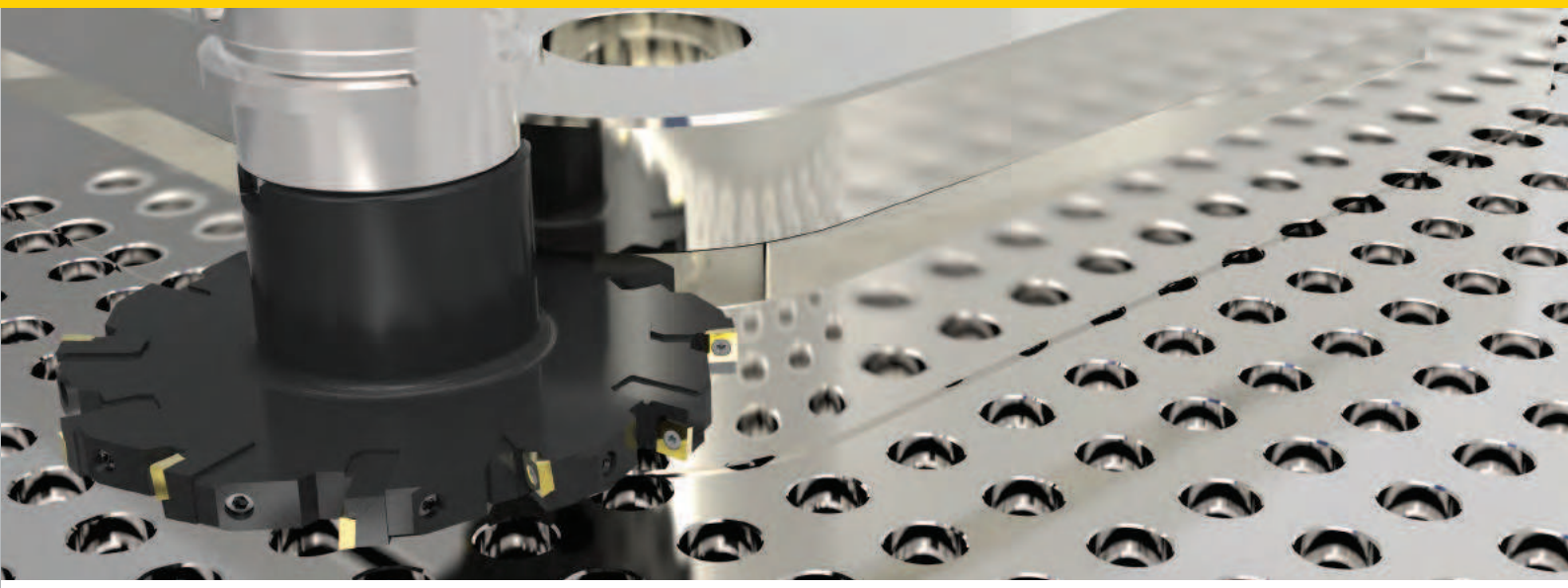

STELLRAM

Slotting / Shoulder

DISK MILL CARTRIDGE CUTTERS

7220VM Disk Mill Cutter series with adjustable cartridges are designed for machining deep slots or side shoulder milling operations. They are equipped with interchangeable cartridges with width adjustment.

The cartridges are fixed to the cutter body by an efficient clamping system which works in the same direction as the cutting force.

Due to the adjustable cartridges, these cutters are perfectly qualified to machine precision slots.

This cutter series is designed for roughing, semi-finishing and finishing of Steel, Steel Alloys, Stainless Steel, Cast Iron, Aluminium Alloys, and High Temperature Alloys.

This Stellram® 72VM **..** cartridge system is noted for its simplicity, reliability and precision. The minimal size of the cartridge means it has a larger area for chip flow – a major factor for full-side cutters where chips cannot be released when teeth are engaged. Stellram's cutters can achieve deep slotting operations without the chip flow problems of other systems.

The cutter bodies can be adapted for different milling operations. They can be fitted with alternating left/right cartridges (full-side cutters) mainly for slotting, or only right or left cartridges (half-side cutters) for maximum side cutting performance.

Note: The 7220VM series cutters in this section are assembled as Full Side Disc Cutters (Slotting) which is called Neutral (N). They are set with 50 percent right hand and 50 percent left hand cartridges for slotting applications.

For applications as a right hand or left hand Half Side Disc Mills, please order the necessary cartridges depending on the hand cutter you require.

7220VM

The 7220VM range with width adjustment is as follows:

Dia. 63mm to 125mm is 1mm adjustable.
Available width of cut: 6/7; 7/8; 8/9; 9/10

Example: Cartridge 72VM_6/7 = 6mm to 7mm +/- 0,2mm; = 5,8mm to 7,2mm

Dia. 125mm to 160mm is 2mm adjustable.
Available width of cut: 10/12; 12/14; 14/16; 16/18; 18/20

Example: Cartridge 72VM_10/12 = 10mm to 12mm +/- 0,2mm; = 9,8mm to 12,2mm

