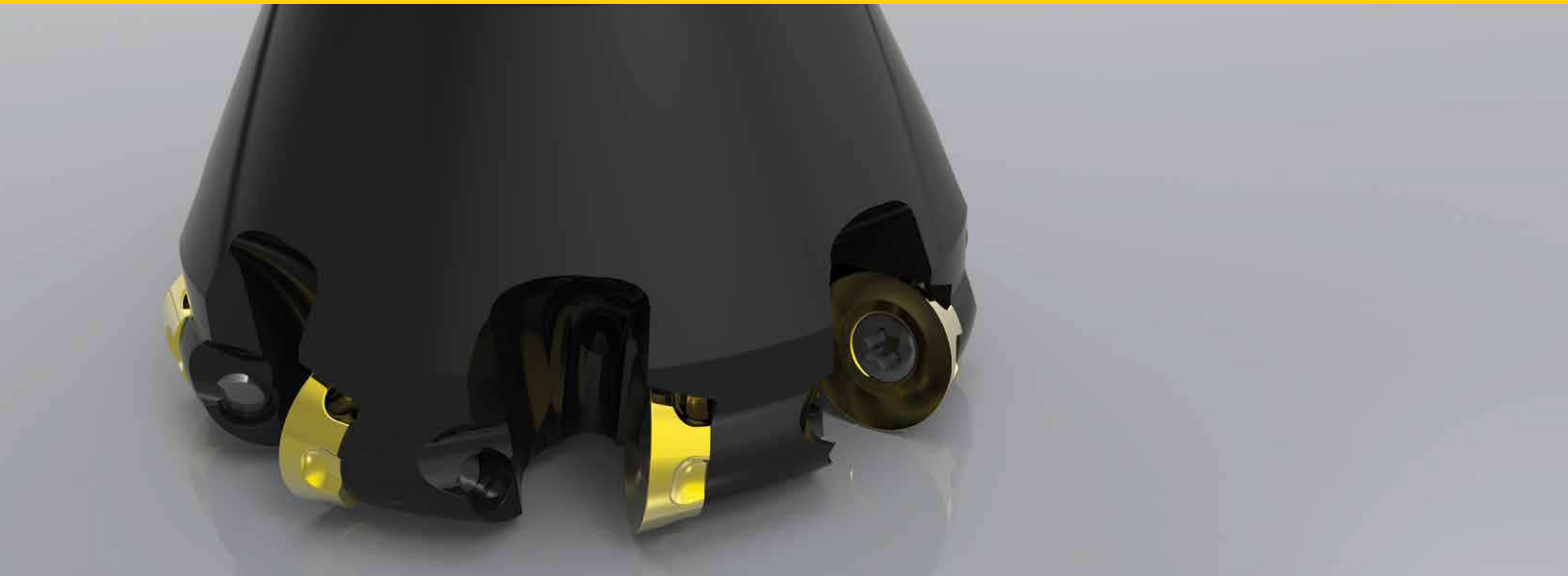


STELLRAM



ROUND INSERT MILLING CUTTERS WITH AND WITHOUT INDEXATION

The **77.2VRD** series is specifically designed for the Die & Mould industry.This cutter family is especially qualified for medium-roughing, semi-finishing and finishing of Steel, Alloy Steel, Tool Steel and Aluminium Alloys, as well as for Hardened Steel.

The cutter series **7702VRD** is without an anti-rotation pocket, which allows a maximum number of insert indexing according to the axial depth of cut (a_p) requirement. This is an advantage when this cutter is used for semi-finishing and finishing with low axial depth of cut (a_p) .

The series **7712VRD** is ideal for roughing, semi-finishing and finishing of Steel, Alloyed Steel, Tool Steel and Aluminium as well as for Hardened Steel. This cutter series has an anti-rotation design which ensures a precise number of indexes per insert.

This unique patented pocket design prevents the inserts from rotating in the pocket, during heavy feed machining and unstable conditions.

The insert for the **7712VRD12** cutter is six times indexable and the insert for the **7712VRD16** cutter is eight times indexable. This gives a maximumpossible usage of the available edges for roughing applications.

Also, the axial negative rake cutting angle greatly reduces the vibration when using long extensions.

This robust design provides savings within the production process, under unstable conditions.

7702VRD

7702VRD07:
Maximum a_p = 3,5mm
Diameter Range = 15mm to 20mm

7702VRD10:
Maximum a_p = 5mm
Diameter Range = 20mm to 35mm

7702VRD12 and 7712VRD12:
Maximum a_p = 6mm
Diameter Range = 25mm to 80mm

7702VRD16 and 7712VRD16:
Maximum a_p = 8mm
Diameter Range = 32mm to 100mm

