

shortcut

Geben Sie Ihren Plänen eine Form

Types of 2D milling

CUTTING / Milling of contours

If the contours consist of closed polylines, our machine program automatically recognizes where the milling cutter has to be moved - half inward or outside - to cut the desired contour.
All milled inside corners have fillets with the radii of the cutters used.

GRAVING / Engraving of surfaces

In this type of machining, the cutter moves centrally on the drawn line.

Thin engraving lines made by means of

- **end mill** (cylindrical mill, 0,4mm, 0,6mm 0,8mm, ...)
- **Engraving graver** (milling cutter with conical tip)

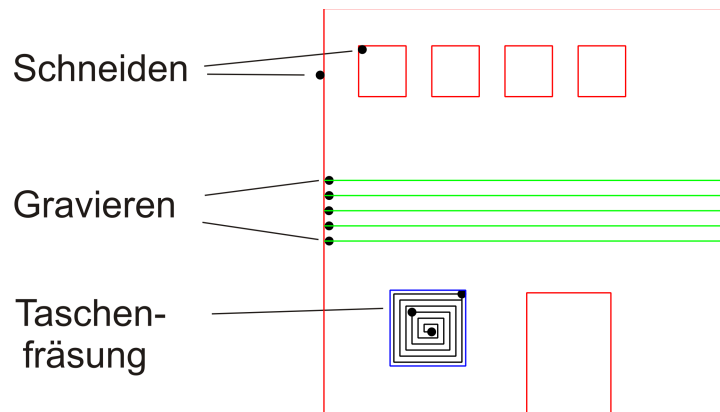
Very fine engravings are possible with small milling depths.

POCKET MILLING / Milling shallow recesses

The milling cutter moves in a spiral and concentric manner over a surface at a defined depth.

Used, for example, in architectural model making for the relief-like representation of windows. Through several processing steps on different levels, window representations with raised or negative frames / window crosses are possible.

All milled inner corners have fillets, with the radii of the cutters used.



Fräserdurchmesser und die sich daraus ergebenden Innenradien

D=0,4mm R=0,2mm	D=0,5mm R=0,25mm	D=0,6mm R=0,3mm	D=0,8mm R=0,4mm	D=1,0mm R=0,5mm	D=1,5mm R=0,75mm	D=2,0mm R=1,0mm	D=3,0mm R=1,5mm
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Instructions on how to create a drawing, file templates and a list of our cutters can be found in our tutorials.

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