

Slitting

Circular knife

Besides optimal raw materials, the adjustment of the circular knives is a very important factor for obtaining a long service life and avoiding the formation of dust and web breaks.

To ensure long-term product quality of your systems, we can support you with training and seminars, in particular concerning setup adjustments.

Manufacturer's factors of influence

Materials

- Chrome steel
- Tool steel
- HSS
- ASP
- Hard metal

Design

- Preliminary chamfer
- Single chamfer
- Without chamfer
- Back angle

Surface Characteristics

- Standard and lapped
- Polished up to Ra 0.02 μ



Circular knife with chamfer



Circular knife without chamfer



Anvil

TKM slitting knives are manufactured to the machine manufacturer's specifications or optimized according to individual customer requirements. Here we apply the following criteria:

- Cant angle
- Overlap
- Overspeed
- Cutting point
- Material
- Surface quality
- Design
- Knife holder