

Milling with a twist!

for every need you will find the proper

Milling-Tool!



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With our milling-tools we offer a comprehensive range of applications and innovative solutions.

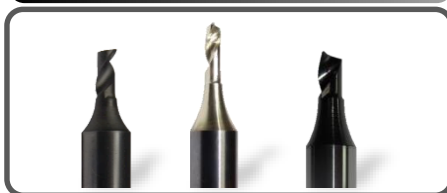
geometry



wide range of

- 1- or 2- tooth cutters
- shank diameter up to 8 mm
- Up- / Downcut / straight-cut
- special milling tools

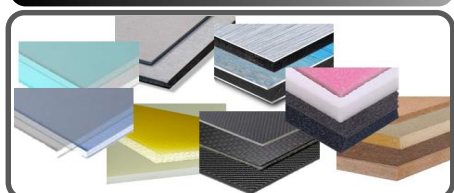
cutting material



wide range of cutting materials

- VHM milling cutters
- coated milling cutters
- polished flute milling cutters

materials



wide range of

- acrylic sheets / plexiglass ALU, ALU-Dibond
- CRP, GRP
- wood materials, foam boards

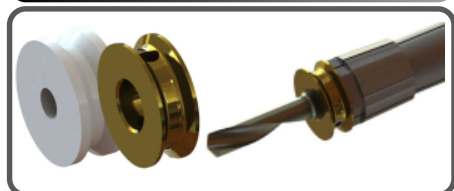
routing underlays



routing underlays

- the suitable underlay for every process!
- chipboards, MDF chipboards
- Milling underlays 2mm, 3mm
- Sealgrip underlays

routing accesories



- slinger discs in plastic or brass version
- serve as stopper
- protects collet chuck against dirt

technology

fz = Zahnvorschub in mm/Zahn
Die Drehzahl [n] des Fräasers wird über folgenden Zusammenhang berechnet: $n = vc \times 1000 / d \times \pi$
Die Vorschubgeschwindigkeit [f] des Fräasers über: $f = n \times z \times fz$ in mm/min

allg.: die Werte in den gelben Feldern liegen i.d.R. vor

Berechnungsformeln	gesucht	gegebene Werte			
fz in mm/Zahn	fz = 0,16	Vorschub f	4000	Drehzahl n	z
vc in mm/min	vc = 471	Drehzahl n in U/min	25000	df in mm	f
Drehzahl in U/min	n = 25.000	vc in m/min	471	df in mm	z
Vorschub f in mm/min	f = 4.000	Drehzahl n in U/min	25000	fz in mm/Zahn	f
				0,16	1

experience values

- we support you in terms of technology problems
- please feel free to contact us!
- participate in our wide range of experience

available for all
plotter models
with milling head

ZÜND

ESKO

ARISTO

MultiCam

ATOM

Elitron

Mécanuméric

HAASE

Valiani

