

IKA® Crushing Universal mill



M 20 Universal mill

Batch mill suitable for dry grinding of hard and brittle substances.

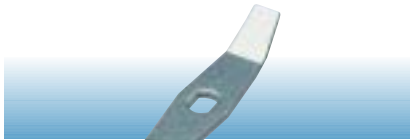
- Double-walled grinding chamber can be cooled with water through two hose adapters
- Removable grinding chamber, easy to clean
- Two grinding chambers can be alternately operated using one drive
- M 21 blade incl. with delivery

Accessories (Page):

M 21 Spare cutter (65),
M 22 Hard metal cutter (65),
M 23 Star-shaped cutter (65),
M 20.1 Grinding chamber (65)

Motor rating	
input / output	440 / 225 W
Speed	20,000 rpm (fixed)
Circumferential speed	72 m/s
Overload protection	current limitation
Useful volume	250 ml
Material grinding chamber	stainl. steel (1.4301)
Material cover	stainl. steel (1.4301)
Max. granularity of task	6 - 7 mm
Duty cycle ON / OFF (with cooling)	7 min / 10 min
Weight	6.6 kg
Dimensions (W x D x H)	170 x 170 x 350 mm
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 21

Ident. No.	Ident. No.
1603600	1603603
230 V 50/60 Hz	115 V 50/60 Hz

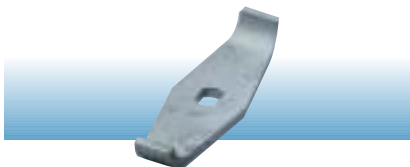


M 21 Spare cutter, stainless steel

Suitable for crushing materials up to Mohs hardness 5.

Material	stainl. steel (1.4122)
Included with M 20.	

Ident. No.
0328200



M 22 Hard metal cutter

Made of tungsten carbide for hard materials up to Mohs hardness 9.

Material	tungsten carbide (91 WC 9 Co)
Not included with M 20.	

Ident. No.
0521800



M 23 Star-shaped cutter

Used to crush fibrous substances such as paper and vegetation, but also for plastics and material with a low specific weight.

Material	stainl. steel (1.4301)
Not included with M 20.	

Ident. No.
1443400



M 20.1 Grinding chamber

A second grinding chamber ensures effective processing. The grinding chambers can be placed on the drive alternately. One chamber is cleaned and filled while the other is being processed.

Cutters are not included with M 20.

Accessories (Page) :

M 21 Spare cutter (65),
M 22 Hard metal cutter (65),
M 23 Star-shaped cutter (65)



Ident. No.
8006200

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