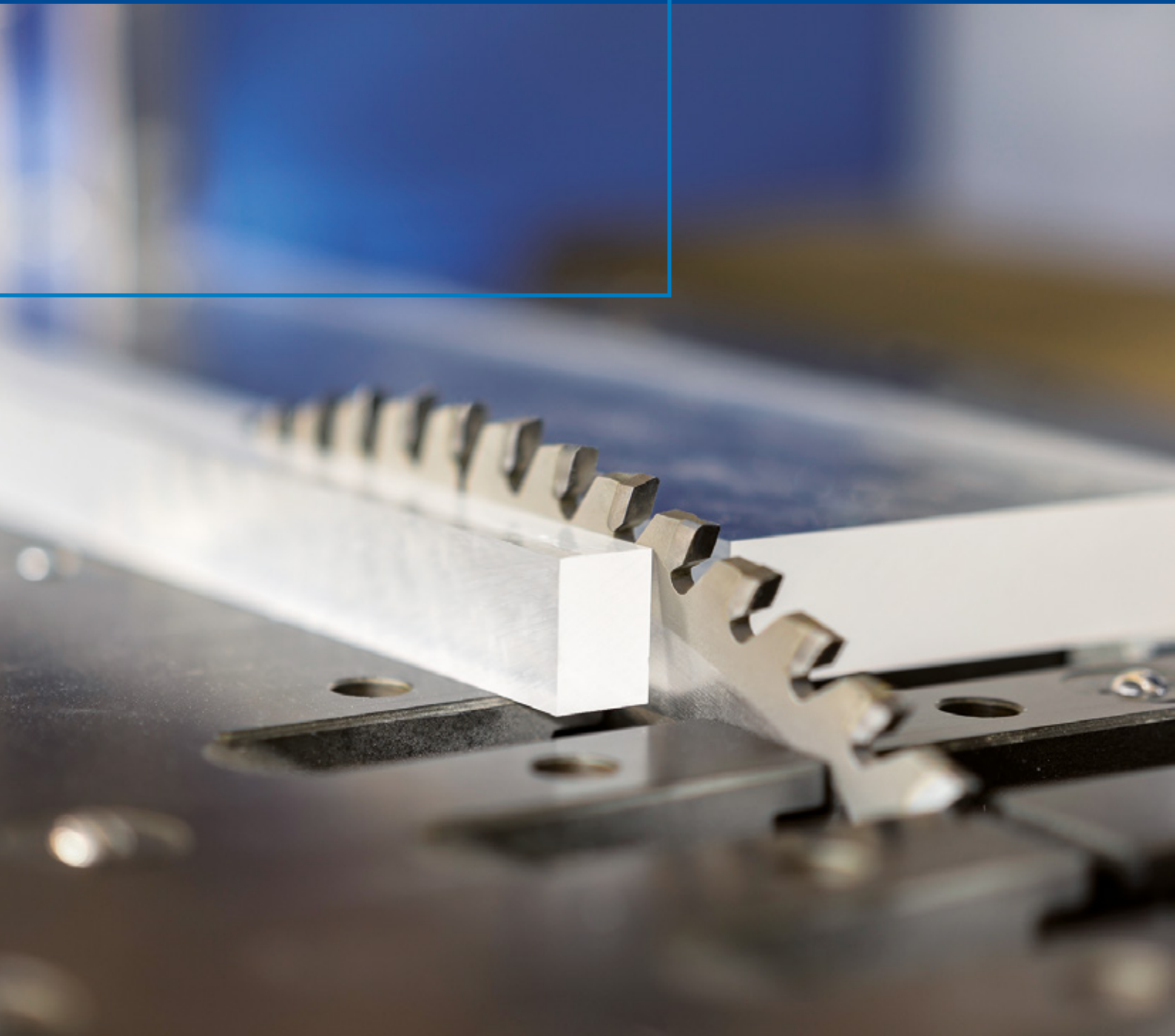
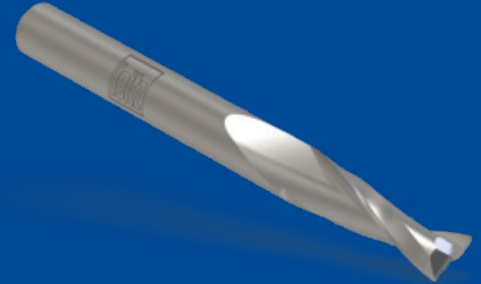


leitz

Tools for PMMA



Brilliant results in PMMA



Transparency, rigidity, hardness and scratch resistance – these are the properties that describe this material. This is why PMMA is particularly attractive as a material for the construction industry, furniture and shop fitting, the leisure industry and as components in mobile homes. The challenge in machining is that this plastic becomes warm during processing and can begin to melt. This in turn has a negative effect on the quality of the edges and machined surfaces, resulting often in further expensive processing.

Leitz offers an optimally coordinated tool programme especially for machining PMMA, which is particularly impressive in terms of quality and productivity.



QUALITY AND EFFICIENCY

VHW spiral finishing router

The specialist for perfect edges.

YOUR BENEFITS

- Perfect cut quality
- Reworking not required

AT A GLANCE

- Polished groove
- Coordinated tool programme in the diameter range of 3-10 mm
- Suitable for all conventional machines
- Available from stock



PRODUCTIVITY AND SUSTAINABILITY

VHW torus router

Especially for form and contour processing.

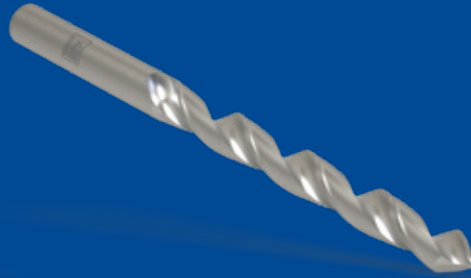
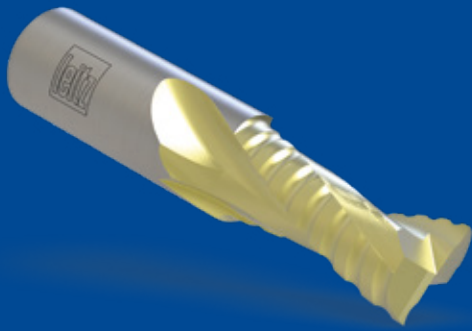
YOUR BENEFITS

- Short processing time
- Long tool life
- Perfect cutting results
- Resharpenable

AT A GLANCE

- Polished cutting groove
- For form and contour processing
- Coordinated tool programme in diameter areas of 3-10 mm
- Suitable for all conventional machines
- Available from stock

Leitz tools for
PMMA:
Processing in
finish-cut quality!



PRODUCTIVITY AND SUSTAINABILITY

VHW Marathon spiral roughing and finishing router

The tool for sizing and grooving in roughing and finishing quality.



QUALITY AND SUSTAINABILITY

HS boring bit

Especially for through-hole bores in PMMA.



QUALITY AND EFFICIENCY

BrillianceCut HW circular sawblade

When it comes to perfect cutting areas and edges.

YOUR BENEFITS

- High cutting capacity
- Long tool life
- Resharpenable

YOUR BENEFITS

- Break-free bores
- Long tool life

YOUR BENEFITS

- Finish cut quality
- Reworking not required
- Long tool life
- Less noise

AT A GLANCE

- Coordinated tool programme with diameters of 8, 10 and 12 mm
- Suitable for all conventional machines
- Available from stock
- Marathon coating

AT A GLANCE

- Special edge arrangement
- Multiple regrinding
- Coordinated tool programme in the diameter range of 3-10 mm
- Suitable for all conventional machines
- Available from stock

AT A GLANCE

- Innovative tooth geometry
- Filled in laser ornaments
- Regrindable up to 20 times
- Diameter 303, 350, 380, 400 and 450 mm
- For all conventional panel sizing and sizing sawblades
- Available from stock

Ordering information for the products shown above can be found overleaf!

Ordering information

Description	Application	Cutting value parameters, standard values	Dimensions	Ordering ID	Availability
VHW spiral finishing router	Sizing Grooving Rebating	n = 14000-22000 RPM v _f = 3.0-4.0 m/min	D3/GL50/NL11/S6/Z1	745008	●
			D4/GL60/NL17/S6/Z1	745009	●
			D6/GL50/NL12/S6/Z1	745010	●
			D8/GL60/NL22/S8/Z1	745011	●
			D10/GL75/NL22/S10/Z1	745006	●
VHW torus router	Sizing Grooving Rebating Form milling	n = 14000-22000 RPM v _f = 3.0-4.0 m/min	D3/GL50/NL8/S6/ER0.2/Z2	745056	●
			D4/GL50/NL14/S6/ER0.2/Z2	745057	●
			D6/GL60/NL20/S6/ER0.2/Z2	745058	●
			D8/GL63/NL25/S8/ER0.2/Z2	745059	●
			D10/GL100/NL35/S10/ER0.5/Z2	745053	●
VHW Marathon spiral roughing and finishing router	Sizing Grooving	n = 18000-24000 RPM v _f = 4.0-8.0 m/min	D8/GL65/NL20/S8x40/Z2/RL/RD	042277	●
			D10/GL70/NL25/S10x40/Z2/RL/RD	042278	●
			D12/GL70/NL25/S12x40/Z3/RL/RD	042280	●
V-groove router HW	V-grooving / engraving	n = 16000-22000 RPM v _f = 2.0-2.5 m/min	D3/GL50/NL8/R0.1/A60°/Z1	745042	●
			D3/GL50/NL8/R0.1/A90°/Z1	745043	●
			D6/GL60/NL12/R0.1/A60°/Z1	745044	●
			D6/GL60/NL12/R0.1/A90°/Z1	745045	●
			D8/GL63/NL15/R0.2/A60°/Z1	745046	●
			D8/GL63/NL15/R0.2/A90°/Z1	745047	●
HS boring bit	Through-hole bore	n = 800-1500 RPM v _f = 0.1-0.3 mm/U	D3/GL70/NL41/Z2	781248	●
			D4/GL83/NL54/Z2	781250	●
			D5/GL92/NL62/Z2	781252	●
			D6/GL102/NL70/Z2	781254	●
			D8/GL114/NL81/Z2	781258	●
			D10/GL130/NL95/Z2	781262	●
BrillianceCut HW circular sawblade	Single plates and stacks of plates	n = 3200-4800 RPM v _f = 12-25 m/min	D303/SB3.5/BO30/Z60/ZF TR/TR	161028	●
			D350/SB4.4/BO30/Z72/ZF WZ/FA	161029	●
			D350/SB4.4/BO60/Z72/ZF WZ/FA	161030	●
			D380/SB4.8/BO60/Z84/ZF WZ/FA	161031	●
			D400/SB4.4/BO30/Z72/ZF WZ/FA	161032	●
			D450/SB4.4/BO30/Z72/ZF WZ/FA	161033	●
			D450/SB4.8/BO60/Z72/ZF WZ/FA	161034	●

● = available ex stock

□ = available at short notice

A = angle
BO = bore diameter
D = cutting circle diameter
ER = corner radius
GL = total length
HS = high-speed steel (HSS)

HW = tungsten carbide (TCT)
n = RPM
NL = cutting length
R = radius
RD = right hand twist
RL = right hand rotation

S = shank dimension
SB = cutting width
v_f = feed speed
VHW = solid tungsten carbide
Z = number of teeth
ZF = tooth shape (cutting edge shape)

