

NEW carbide milling cutter CRISTAL

You are looking for a cristal clear, transparent cutting surface, highest surface quality with one operation and an outstanding tool life?

BELIN's new single flute endmill CRISTAL will bring your plastics or non-ferrous metal machining process to a new level of performance.

Please contact us for your CRISTAL tool:

customer.service@belin-y.com www.belin-y.com



Applications

- Plastic and non-ferrous metals
- semi-finish and finish with one tool
- high-speed and -feed cutting
- trimming and grooving
- suitable for plunging

Tool design

- 1 flute cutter
- submicrograin solid carbide
- right hand cutting
- upward spiral (chips moved away from table)
- 18 facets
- polished flute surface

Standard geometries (available on stock):

ref. N°	cutting ø d1 [mm]	shank ø d2 [mm]	shank length ø L1 [mm]	total length 12 [mm]
53030	3	3	8	30
53040	4	4	12	60
53060	6	6	15	50
53080	8	8	20	60
53100	10	10	23	60

Cutting parameters:

CRISTAL tools are suitable for cutting speeds from 18.000 rev/min to 55.000 rev/min and feed rates from 0,8 m/min to 10 m/min. Cutting parameters are varying due to material, machine and work piece geometry. Please contact us for a recommendation according to your specific application.

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Leitz Metalworking
Technology Group

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