

EURACRYL PL-FL DIA

Peripheral and front cutting end mills with monocrystalline CVD cutter for high gloss or transparent finish

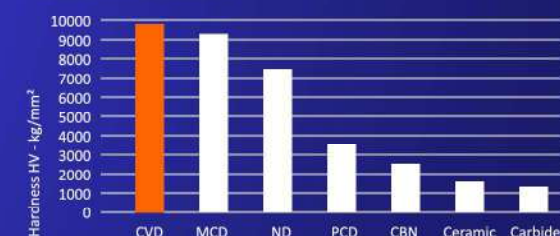
The PL-FL model is an extension of the PL-FI model. In addition to the peripheral cutting edge, it also has a short front cutting edge as an auxiliary cutting edge with which a small * horizontal surface can be machined, such as the bottom of a step or the ground of a slot. Use this tool if a material offset was left on the ground (nesting process) that have to be milling through during polishing.

The cutting edge geometry is suitable for brittle, hard and abrasive plastics such as acrylic glass, SAN, solid surface (CORIAN ©), etc. designed. But also for many other materials.

* to process a larger surface, use PL-FU.

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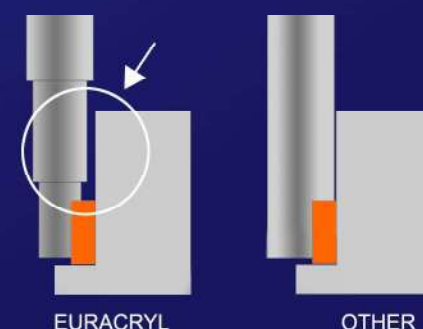
Vacuum-soldered high-quality monocrystalline CVD cutting edge made in Germany



Lapped chip breaking surface to prevent the chips from sticking (back)

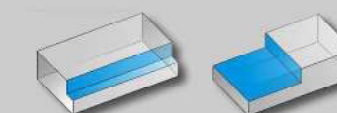
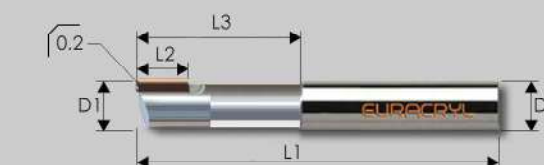


1st stepped diameter for clearance between shaft and workpiece when moving the cutter down along the Z axis



EURACRYL PL-FL DIA

End mills with monocrystalline diamond cutting edge for HIGH GLOSS for processing acrylic (PMMA) and other glossy or transparent plastics. For vertical and horizontal interior and exterior surfaces. Peripheral and front cutting. Clockwise.

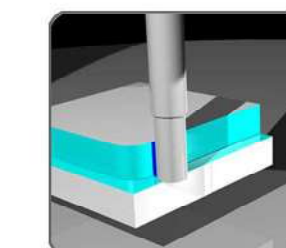


	mm	mm	mm	mm	mm	Z	€	€/piece when purchasing from			
								2	5	10	20
	L2	D1	L3	L1	D2			-5%	-10%	-15%	-20%
503 913	3	3	12	60	6	1	565,00 *	536,75	508,50	480,25	452,00
503 933	3	4	20	60	6	1	565,00 *	536,75	508,50	480,25	452,00
503 943	3	5	20	60	6	1	565,00 *	536,75	508,50	480,25	452,00
503 923	3	6	25	65	6	1	575,00 *	546,25	517,50	488,75	460,00
503 914	4	3	12	60	6	1	590,00 *	560,50	531,00	501,50	472,00
503 934	4	4	20	60	6	1	590,00 *	560,50	531,00	501,50	472,00
503 944	4	5	20	60	6	1	590,00 *	560,50	531,00	501,50	472,00
503 924	4	6	25	65	6	1	545,00 *	517,75	490,50	463,25	436,00
503 904	4	8	35	65	8	1	565,00 *	536,75	508,50	480,25	452,00
503 915	5	3	12	60	6	1	620,00 *	589,00	558,00	527,00	496,00
503 935	5	4	20	60	6	1	620,00 *	589,00	558,00	527,00	496,00
503 945	5	5	20	60	6	1	620,00 *	589,00	558,00	527,00	496,00
503 925	5	6	25	65	6	1	620,00 *	589,00	558,00	527,00	496,00
503 905	5	8	35	65	8	1	620,00 *	589,00	558,00	527,00	496,00
503 936	6	4	20	60	6	1	639,00 *	607,05	575,10	543,15	511,20
503 946	6	5	20	60	6	1	639,00 *	607,05	575,10	543,15	511,20
503 926	6	6	25	65	6	1	675,00 *	641,25	607,50	573,75	540,00
503 906	6	8	35	65	8	1	675,00 *	641,25	607,50	573,75	540,00
NEW 503 927	7	6	25	65	6	1	798,00 *	758,10	718,20	678,30	638,40
NEW 503 907	7	8	35	65	8	1	798,00 *	758,10	718,20	678,30	638,40
503 928	8	6	25	65	6	1	1.100,00 *	1.045,00	990,00	935,00	880,00
503 908	8	8	35	65	8	1	1.125,00 *	1.068,75	1.012,50	956,25	900,00
NEW 503 929	9	6	25	65	6	1	1.385,00 *	1.315,75	1.246,50	1.177,25	1.108,00
NEW 503 909	9	8	35	65	8	1	1.385,00 *	1.315,75	1.246,50	1.177,25	1.108,00
NEW 503 950	10	6	25	65	6	1	1.675,00	1.591,25	1.507,50	1.423,75	1.340,00
503 910	10	8	35	65	8	1	1.675,00 *	1.591,25	1.507,50	1.423,75	1.340,00
503 930	10	10	40	76	10	1	1.675,00 *	1.591,25	1.507,50	1.423,75	1.340,00
503 912	12	8	35	65	8	1	2.100,00 *	1.995,00	1.890,00	1.785,00	1.680,00
503 932	12	10	40	76	10	1	2.100,00 *	1.995,00	1.890,00	1.785,00	1.680,00
503 954	14	10	40	76	10	1	2.375,00 *	2.256,25	2.137,50	2.018,75	1.900,00
503 916	16	10	40	76	10	1	2.675,00 *	2.541,25	2.407,50	2.273,75	2.140,00
503 920	20	10	40	76	10	1	3.200,00 *	3.040,00	2.880,00	2.720,00	2.560,00
503 940	20	12	52	84	12	1	3.345,00 *	3.177,75	3.010,50	2.843,25	2.676,00
NEW 503 966	26	12	52	84	12	1	*				
NEW 503 982	32	12	63	90	12	1	*				

D1: standard with approx. 5% oversize
L2: standard with 0.5 mm more length
Also available with exact dimensions on request

NOT FOUND THE RIGHT TOOL?
Our table only shows a selection of the best-selling tools with the highest availability.
Other options on request. Consult us.

Visit www.euracryl.com/en/diamond-line for current prices and more choices



Vc: 283 ... 762 m/min
fz: 0.03 ... 0.09 mm/z
ap: 3 ... 32 mm
ae: 0.05 ... 0.2 mm
S: 0,2

Cutting data table
download:
www.euracryl.com/5039.pdf

YOU WILL FIND THE RIGHT ACCESSORIES HERE



* ORIENTATION PRICES

EURACRYL PL-FL-P DIA

Peripheral and front cutting end mills with monocrystalline CVD cutter for high gloss or transparent finish

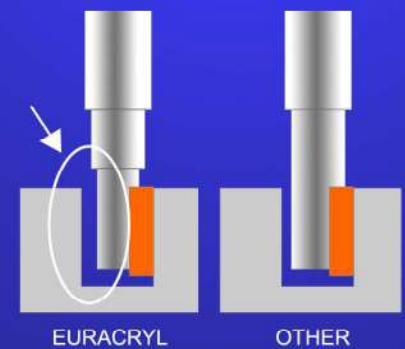
The PL-FL-P model is a modification of the PL-FL model for processing soft, melting materials. In addition to the peripheral cutting edge, it also has a short front cutting edge as an auxiliary cutting edge with which a small * horizontal surface can be machined, as the bottom of a step or the ground of a slot. Use this tool if a material offset was left on the ground (nesting process) that have to be milling through during polishing.

The cutting edge geometry is designed for soft or melting materials such as polycarbonate, PET-G, aluminum, copper, etc. But also for many other materials and material mixtures (PMMA with paper, aluminum composite, etc.).

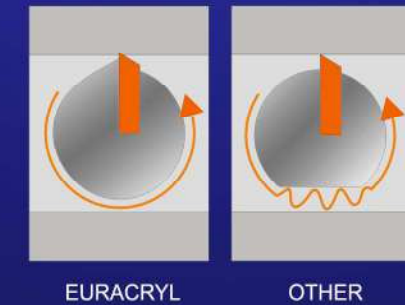
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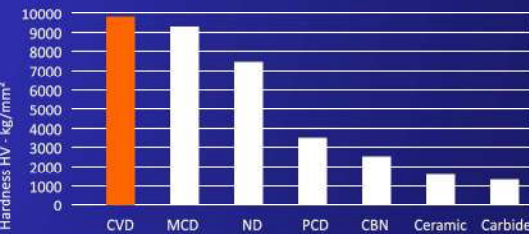
2nd stepped diameter in the milling area for more space for the chips (fine polished)



Balancing surface outside the milling area for smoother running thanks to less air compression



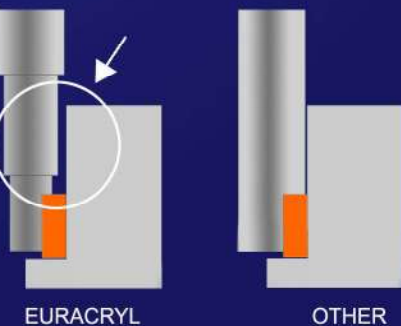
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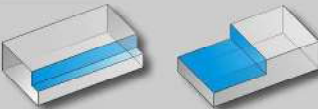
1st stepped diameter for clearance between shaft and workpiece when moving the cutter down along the Z axis



DIAMOND LINE

EURACRYL PL-FL-P DIA

End mills with monocrystalline diamond cutting edge for HIGH GLOSS FINISH for machining polycarbonate and other glossy or transparent plastics and light metals. For vertical and horizontal internal and external surfaces. Circumferential and front cutting. Clockwise.

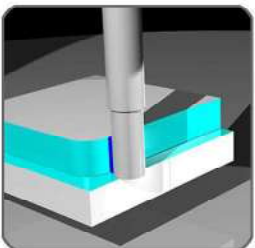


	mm	mm	mm	mm	mm	Z	€
	L2	D1	L3	L1	D2		
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503 806	6	8	35	65	8	1	675,00 *
503 828	8	6	25	65	6	1	1.100,00 *
503 808	8	8	35	65	8	1	1.125,00 *
503 810	10	8	35	65	8	1	1.675,00 *
503 830	10	10	40	76	10	1	1.675,00 *
503 812	12	8	35	65	8	1	2.100,00 *
503 832	12	10	40	76	10	1	2.100,00 *
503 854	14	10	40	76	10	1	2.375,00 *
503 816	16	10	40	76	10	1	2.675,00 *
503 820	20	10	40	76	10	1	3.200,00 *
503 840	20	12	52	84	12	1	3.345,00 *

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Seite A01 Page
Seite A02 Page
Seite A02 Page
Seite C03 Page
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