

EURACRYL ST-20-F DIA

Milling / polishing heads with diamond cutters for the processing in CNC milling machines of glossy and transparent plastics as well as for light metals and composites

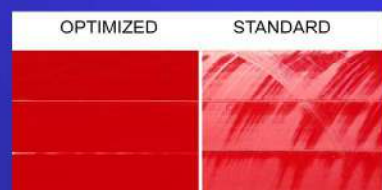
EURACRYL ST is a very extensive milling system with a large selection of milling heads with diamond cutters that enable the processing of plastic and light metal as well as composite materials. The material is milled and polished/satinized in one step. These milling / polishing heads are used when a medium-sized *, laterally open, horizontal surface has to be machined. They are intended for assembly in a milling head holders **. The cutters are fixed assembled in the base (disc) and form a stable, inseparable unit. All milling heads have a standard height, even after the resharpening service. Therefore, the tools do not have to be re-measured. The different milling heads are color-coded so that they can be easily identified. The cutting geometry is optimized for the respective material. This enables you to achieve better results and extends the work life of the tools.

* for a smaller surface use EURACRYL PL-FU. For a larger surface use EURACRYL ST-50-F
** for installation in collet chuck use EURACRYL ST-40-S

Visit us on our WEB:
www.euracryl.com/en

INCREASE QUALITY

Tear-free and streak-free milling thanks to optimized cutting for all materials



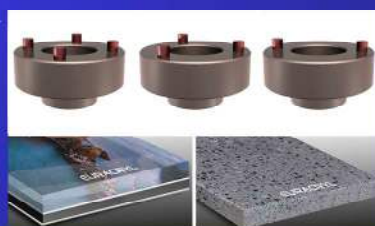
LOWER COSTS

Longer working life thanks to optimized cutting edge geometry.



INCREASE FLEXIBILITY

Tools available with 2, 3 or 4 cutters for many materials and material mixtures



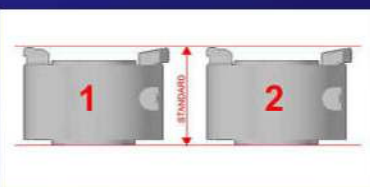
SPEED UP PRODUCTION

Tools available in HIGH SPEED version to increase the milling process up to 200%



EASY USE

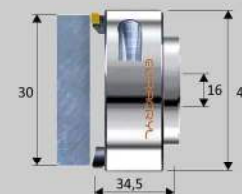
All tools have the same height so that they do not need to be measurement after changing or servicing. Color coding for better identification of the function of the tool



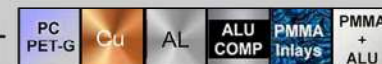
DIAMOND LINE

EURACRYL ST-20-F DIA

Face milling head with fixed mono- or polycrystalline diamond cutting edges for HIGH GLOSS, standard gloss, satin surfaces, adhesive surfaces, etc. For processing acrylic (PMMA), Polycarbonate and other glossy or transparent plastics, as well as mixed materials and light metals. Application in cutter head holders. Clockwise.



MATERIAL TYPE A



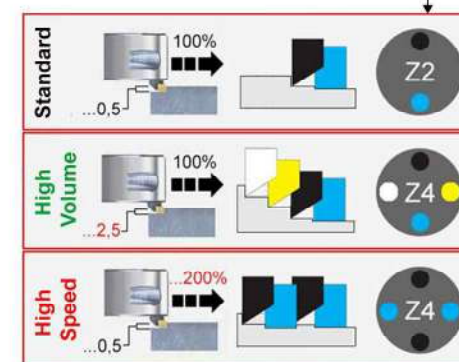
MATERIAL TYPE B



MATERIAL TYPE C

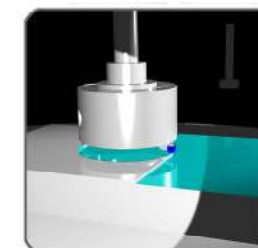


	Material	Finish	Type	Z PRE	Z FIN	€	€/piece when purchasing from			
							2 -5%	5 -10%	10 -15%	20 -20%
746 001	B	High Gloss	ST	1	1	1.035,00 *	983,25	931,50	879,75	828,00
746 021	B	High Gloss	HV	3	1	1.478,00 *	1.404,10	1.330,20	1.256,30	1.182,40
746 031	B	High Gloss	HS	2	2	1.840,00 *	1.748,00	1.656,00	1.564,00	1.472,00
746 005	C	High Gloss	ST	1	1	1.035,00 *	983,25	931,50	879,75	828,00
746 025	C	High Gloss	HV	3	1	1.478,00 *	1.404,10	1.330,20	1.256,30	1.182,40
746 035	C	High Gloss	HS	2	2	1.840,00 *	1.748,00	1.656,00	1.564,00	1.472,00
746 008	A	High Gloss	ST	1	1	1.035,00 *	983,25	931,50	879,75	828,00
746 028	A	High Gloss	HV	3	1	1.478,00 *	1.404,10	1.330,20	1.256,30	1.182,40
746 038	A	High Gloss	HS	2	2	1.840,00 *	1.748,00	1.656,00	1.564,00	1.472,00
746 002	B C	Gloss	ST	1	1	765,00 *	726,75	688,50	650,25	612,00
746 022	B C	Gloss	HV	3	1	1.214,00 *	1.153,30	1.092,60	1.031,90	971,20
746 032	B C	Gloss	HS	2	2	1.300,00 *	1.235,00	1.170,00	1.105,00	1.040,00
746 003	B C	Matt	ST	1	1	765,00 *	726,75	688,50	650,25	612,00
746 023	B C	Matt	HV	3	1	1.214,00 *	1.153,30	1.092,60	1.031,90	971,20
746 033	B C	Matt	HS	2	2	1.300,00 *	1.235,00	1.170,00	1.105,00	1.040,00
746 009	B C	Gluing Surf.	ST	0	2	765,00 *	726,75	688,50	650,25	612,00
746 039	B C	Gluing Surf.	HS	0	4	1.214,00 *	1.153,30	1.092,60	1.031,90	971,20
746 006	A B C	Flat mill	ST	0	2	765,00 *	726,75	688,50	650,25	612,00
746 036	A B C	Flat mill	HS	0	4	1.214,00 *	1.153,30	1.092,60	1.031,90	971,20

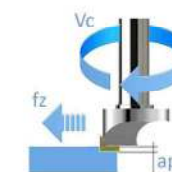


NOT FOUND THE RIGHT TOOL?

Our table only shows a selection of the best-selling tools with the highest availability. Other options on request. Consult us.



Vc: 1700 m/min
fz: 0.05 mm/z
ap: 0.5 ... 2.5 mm
ae: 30 mm



Cutting data table
download:
www.euracryl.com/7460.pdf

YOU WILL FIND THE RIGHT ACCESSORIES HERE



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

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EURACRYL ST is a very extensive milling system with a large selection of milling heads with diamond cutters that enable the processing of plastic and light metal as well as composite materials. The material is milled and polished/satinized in one step. These milling / polishing heads are used when a larger *, laterally open, horizontal surface has to be machined. They are intended for assembly in a milling head holders **. The cutters are fixed assembled in the base (disc) and form a stable, inseparable unit. All milling heads have a standard height, even after the resharpener service. Therefore, the tools do not have to be re-measured. The different milling heads are color-coded so that they can be easily identified. The cutting geometry is optimized for the respective material. This enables you to achieve better results and extends the work life of the tools.

* for a small surface use EURACRYL PL-FU. For a medium-size surface use EURACRYL ST-20-F
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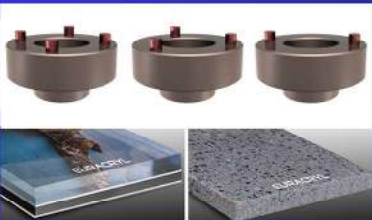
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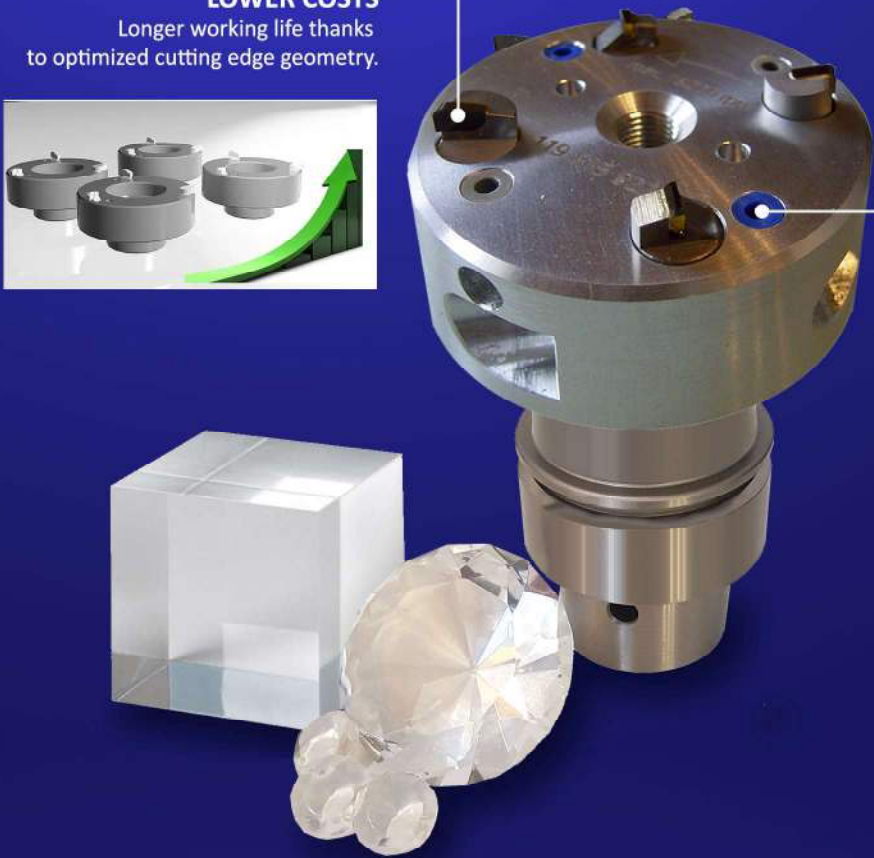
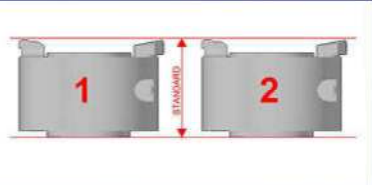
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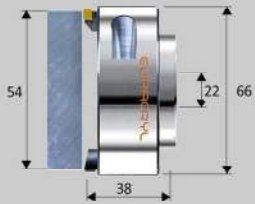
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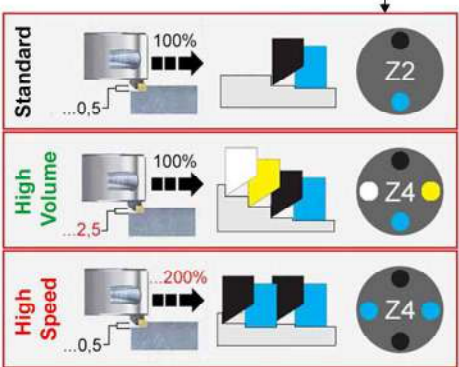
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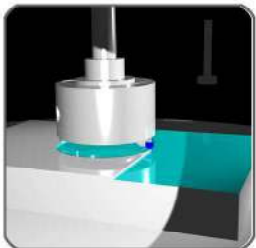
MATERIAL TYPE A	PC PET-G	Cu	AL	ALU COMP	PMMA Inlays	PMMA + ALU
MATERIAL TYPE B	PMMA GS	SAN	PS / PP	PVC	PLAST	CuZn
MATERIAL TYPE C	PMMA XT	PMMA Color	SOLID SURF			

	Material	Finish	Type	Z		€
				PRE	FIN	
900 001	B	High Gloss	ST	1	1	1.035,00 *
900 031	B	High Gloss	HV	3	1	1.478,00 *
900 041	B	High Gloss	HS	2	2	1.840,00 *
900 005	C	High Gloss	ST	1	1	1.035,00 *
900 035	C	High Gloss	HV	3	1	1.478,00 *
900 045	C	High Gloss	HS	2	2	1.840,00 *
900 010	A	High Gloss	ST	1	1	1.035,00 *
900 030	A	High Gloss	HV	3	1	1.478,00 *
900 040	A	High Gloss	HS	2	2	1.840,00 *
900 002	B C	Gloss	ST	1	1	765,00 *
900 032	B C	Gloss	HV	3	1	1.214,00 *
900 042	B C	Gloss	HS	2	2	1.300,00 *
900 003	B C	Matt	ST	1	1	765,00 *
900 033	B C	Matt	HV	3	1	1.214,00 *
900 043	B C	Matt	HS	2	2	1.300,00 *
900 009	B C	Gluing Surf.	ST	0	2	765,00 *
900 049	B C	Gluing Surf.	HS	0	4	1.214,00 *
900 008	A B C	Flat mill	ST	0	2	765,00 *
900 048	A B C	Flat mill	HS	0	4	1.214,00 *

€/piece when purchasing from				
2	5	10	20	
-5%	-10%	-15%	-20%	
983,25	931,50	879,75	828,00	
1.404,10	1.330,20	1.256,30	1.182,40	
1.748,00	1.656,00	1.564,00	1.472,00	
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Vc: 2050 m/min
fz: 0.05 mm/z
ap: 0.5 ... 2.5 mm
ae: 54 mm

Cutting data table download:
www.euracryl.com/9000.pdf

YOU WILL FIND THE RIGHT ACCESSORIES HERE

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