

EURACRYL ES-90-F DIA

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

EURACRYL ES is a very extensive milling system with a series of inserts with diamond cutters that enable the processing of plastic and light metal as well as composite material. The material is milled and polished or satinized in one step. These milling / polishing heads are used when different materials have to be processed or diverse material surfaces have to be created. They are suitable for horizontal surfaces that are open to the side. They are intended for assembly in cutter head holders *. The cutters are ensembled in quick changeable inserts and can be separated from the body (disc) without any effort. All inserts have a standard height, even after the sharpening service. Therefore, they do not have to be re-measured. The various inserts 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 working life of the tools.

* select EURACRYL ES-S for installation in collet chucks

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

INCREASE QUALITY

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



EASY USE

The cutters can be changed in approx. 15 seconds without adjustment work after the tool change or service. Color code for better recognition of the function of the cutters



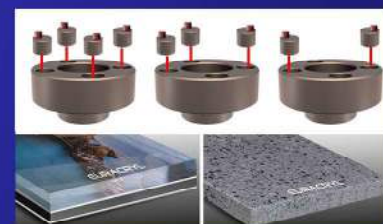
LOWER COSTS

Cutters can be removed and resharpened individually. Longer working life thanks to optimized cutting edge geometry. Function change by exchanging the only the finisher cutter, not the whole head



INCREASE FLEXIBILITY

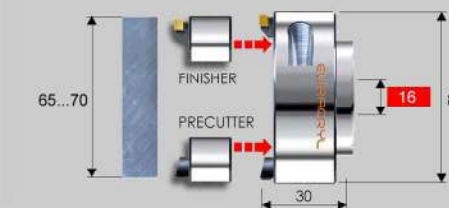
Tools can be freely combined with different cutting geometries for many materials and composites



DIAMOND LINE

EURACRYL ES-90-F DIA

Face milling head with quick changeable 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.



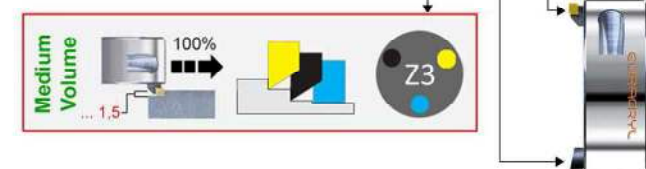
MATERIAL TYPE A	PC PET-G	Cu	AL	ALU COMP	PMMA Inlays	PMMA + ALU
MATERIAL TYPE B	PMMA GS	SAN	PS / PP	PVC	PLAST	CuZn
MATERIAL TYPE C	PMMA XT	PMMA Color	SOLID SURF			



	Material	Finish	Type	Z PRE	Z FIN	€
ES-90-ND-3	B	High gloss	MV	2	1	1.951,00 *
ES-90-NX-3	C	High gloss	MV	2	1	1.951,00 *
ES-90-NV-3	A	High gloss	MV	2	1	1.951,00 *
ES-90-PC-3	B C	Gloss	MV	2	1	1.662,00 *
ES-90-PM-3	B C	Matt	MV	2	1	1.662,00 *
ES-90-PX-3	B C	Gluing surf.	MV	0	3	1.624,00 *
ES-90-PR-3	A B C	Flat mill	MV	0	3	1.624,00 *

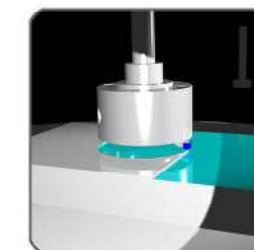
€/piece when purchasing from

	2 -5%	5 -10%	10 -15%	20 -20%
ES-90-ND-3	1.853,45	1.755,90	1.658,35	1.560,80
ES-90-NX-3	1.853,45	1.755,90	1.658,35	1.560,80
ES-90-NV-3	1.853,45	1.755,90	1.658,35	1.560,80
ES-90-PC-3	1.578,90	1.495,80	1.412,70	1.329,60
ES-90-PM-3	1.578,90	1.495,80	1.412,70	1.329,60
ES-90-PX-3	1.542,80	1.461,60	1.380,40	1.299,20
ES-90-PR-3	1.542,80	1.461,60	1.380,40	1.299,20

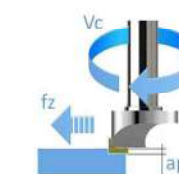


NOT FOUND THE RIGHT TOOL?

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



Vc: 3000 m/min
fz: 0.05 mm/z
ap: 1.5 mm
ae: 70 mm



Cutting data table
download:
www.euracryl.com/8223.pdf

YOU WILL FIND THE RIGHT ACCESSORIES HERE



INFO

This set consists of:

- 1 base disc for 2 insert cartridges
- 2 cutter cartridges with precuttind or finishing cutter
- Torque key and holding magnet

You can quickly change the functions of the milling head by exchanging the finishing cartridge for another. All cutter cartridges can be combined with one another. After replacing the cutter cartridges no adjustments are necessary.

Additional insert holders can be found on page D18



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