

### Recommendations for the choice of the appropriate microblasting agents

Microblasting agent IEPCONORM	Grain size (standard values)	Surface geometry (topography)	Surface quality (standard value)	Remarks and areas of application
MS 4090 A	150 - 500 µm	sharp pointed	N 8	Preparation of adhesive surfaces for plasma plating and metal spraying.
SDK 0,8 B	0,8 mm	concave	N 8 - N 10	Structuration of surfaces.
MS 90150 A	75 - 150 µm	sharp pointed	N 8	General cleaning for tool manufacturers.
SDK 0,4 A	0,4 mm	concave	N 7 - N 8	Structuration of surfaces.
MS 245 A	40 - 60 µm	sharp pointed	N 7	Step-by-step ultrafine processing of surfaces, especially after sinking, wire eroding or after chip removal or grinding.
MS 300 A	25 - 40 µm	sharp pointed	N 6	Preparation of pure and well defined surface geometries.
MS 550 A	10 - 20 µm	sharp pointed	N 5	Elimination of surface destructions as well as loose particles of sinking electrodes and on form tools.
MS 320 B	70 - 110 µm	concave	N 7	Densification with silk mat finish.
MS 400 B	40 - 60 µm	concave	N 7	Ultrafine processing of surfaces and targeted densification of surfaces ("Shot Peening" effect).
MS 550 B	20 - 30 µm	concave	N 6	Antiadhesion.
MS 400 BT	40 - 60 µm	concave	N 6	For a defined densification as well as integration of heat-proofing and chemical resistant antiseize agents, resistant up to 1'000° C.
MS 550 BT	20 - 30 µm	concave	N 6 - N 5	"TRIBOFINISH" treatment, optimization of the antiadhesion of surfaces.
NK 0,2 BT	100 - 200 µm	non-abrasive	constant	"TRIBOFINISHING" respective fixation of antiseize agents at friction surfaces.
NK 0,4 BT	200 - 400 µm			Antiadhesion.
K 60 A	200 - 400 µm	non-abrasive	constant	Cleaning without abrasion of form moulds / tools (rubber, synthetic materials) as well as for coated surfaces.
K 300 A	300 - 500 µm			Ultrafine de-burring of plastic parts.
K 700 A	500 - 800 µm			
BR 81 B	45 µm	round	no changings	Ultrafine de-burring of precise mechanical parts for the watch and clock industry,
BR 51 B	45 - 63 µm	round	of the surface	electronic parts as well as for instruments
BR 11 B	63 - 90 µm	round	geometry	of the medical technology.
MS/Z 500 B	30 - 70 µm	round	no changings	Ultrafine de-burring as well as targeted
MS/Z 350 B	70 - 125 µm	round	of the surface	densification of surfaces ("Shot Peening" effect). Excellent for the defined densification of implements for the medical technology.
			geometry	

#### Remarks / comments:

For an optimisation of the pairing properties (adherence, antiadherence) as well as in questions about gliding and sliding characteristics or wear resisting coating possibilities, please do not hesitate to contact us. We are pleased to help you.