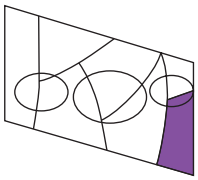
## **Metalog Method** – example Ceramic, $Si_3N_4$ **G**



### Grinding

| Step | PG | FG |
|---|---|---|
| Surface | MD-Piano 220 | MD-Plan |
| Abrasive | Diamond | DiaPro Plan 9 |
| Grit/ Grain size | | 9 µm |
| Lubricant | Water | |
| Rotational speed [rpm] | 300 | 150 |
| Force[N]/ specimen | 30 | 35 |
| Time [min] | Until plane | 10 |

### Polishing

| Step | OP |
|---|---|
| Surface | MD-Chem |
| Abrasive | OP-S NonDry |
| Grain size | 0.25 µm |
| Lubricant | |
| Rotational speed [rpm] | 150 |
| Force[N]/ specimen | 20 |
| Time [min] | 1 |