

Technical information

Art.-Nr. 252 / 1 - example aluminium



VHM - Schruppfräser NE Typ WF

Art.-Nr. **252** Flutes **3**



Tool data



Tool recommendation



Capabilities



Areas of application and special features

HPC roughing mill especially for aluminium and non-ferrous materials.
Uneven partition, uneven helix, a small roughing profile and internal cooling through the front edge.

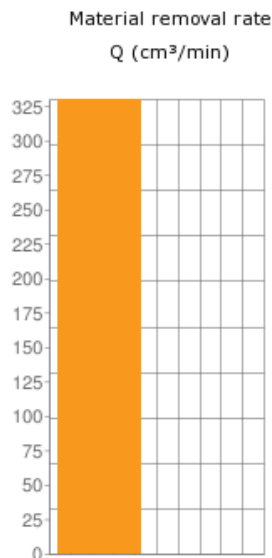
Competitive advantages and profitability

competition to Hoffmann, GW and Ceratizit

Example application

Art.-Nr.: **252.160.10**
Material: **Aluminium short-chipping**

| Inovatools – Finishing | | | |
|------------------------|--------------|----------------------|---------------------------|
| D1 | 16,00 | mm | Diameter |
| z | 3 | | Flutes |
| ae | 8,000 | mm | Row pitch |
| ap | 16,000 | mm | Cutting depth |
| vc | 480,00 | m/min | Cutting speed |
| n | 9549 | U/min | Rotation speed |
| fz | 0,09000 | mm | Feed per tooth |
| vf | 2578,31 | mm/min | Feed rate |
| Q | 330,02369000 | cm ³ /min | Material removal rate |
| hm | 0,05730 | mm | Middle chipping thickness |
| K/M | | €/std | Machine hourly cost |
| K/W | | € | Tool cost |
| T | | min | Tool life |
| V | | cm ³ | Processing volume |
| Tb | | min | Process time |
| €/Ws | | € | Cost workpiece |



Competitor:
Art.-Nr.:

| Calculator | | | |
|------------|--|----------------------|---------------------------|
| D1 | | mm | Diameter |
| z | | | Flutes |
| ae | | mm | Row pitch |
| ap | | mm | Cutting depth |
| vc | | m/min | Cutting speed |
| n | | U/min | Rotation speed |
| fz | | mm | Feed per tooth |
| vf | | mm/min | Feed rate |
| Q | | cm ³ /min | Material removal rate |
| hm | | mm | Middle chipping thickness |
| K/M | | €/std | Machine hourly cost |
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