

Technical information

Art.-Nr. 334 / 1 - example steel



VHM - Schrappfräser IK Typ NR

Art.-Nr.
334

Flutes
4



Tool data



Tool recommendation



Capabilities



Areas of application and special features

MTC roughing mill with roughing profile type NR and internal cooling with radial outlet for universal materials.

Competitive advantages and profitability

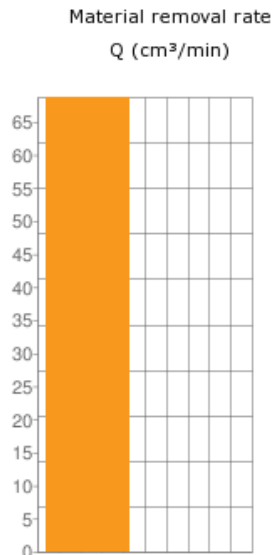
competition to Gühring, Hoffmann, WNT, Precitool, SGS, Widia

Example application

Art.-Nr.: **334.120.00**
Material: **General steels <850 N/mm² (<25 HRC)**

Competitor:
Art.-Nr.:

| Inovatools – Finishing | | | |
|------------------------|-------------|----------------------|---------------------------|
| D1 | 12,00 | mm | Diameter |
| z | 4 | | Flutes |
| ae | 6,000 | mm | Row pitch |
| ap | 12,000 | mm | Cutting depth |
| vc | 120,00 | m/min | Cutting speed |
| n | 3183 | U/min | Rotation speed |
| fz | 0,07500 | mm | Feed per tooth |
| vf | 954,93 | mm/min | Feed rate |
| Q | 68,75493542 | cm ³ /min | Material removal rate |
| hm | 0,04775 | 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 |



| 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 |
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| Q | | cm ³ /min | Material removal rate |
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