

**21034-3.0**



Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility



↑  
 ESHOP / EZI CUT

- 1/3
- 2/3
- 3/3

● E25UF  
 ● Vc [m/min]

|  | Rm [N/mm <sup>2</sup> ]        | Gruppe | Vc [m/min] |   |
|--|--------------------------------|--------|------------|---|
| ACIERS ALLIÉS ET NON ALLIÉS<br>UNLEGIERTE STÄHLE<br>NON-ALLOYED STEELS     | Rm < 450 N/mm <sup>2</sup>     | 1a     | 125        | ● |
|  | Rm 450 - 700 N/mm <sup>2</sup> | 1b     |            |   |
|  | Rm 700 - 900 N/mm <sup>2</sup> | 1c     |            |   |
|  | Rm < 1200 N/mm <sup>2</sup>    | 1d     |            |   |
| ACIERS INOX<br>ROSTFREIE STÄHLE<br>STAINLESS STEELS                        | Rm < 650 N/mm <sup>2</sup>     | 2a     |            |   |
|  | Rm 650 - 950 N/mm <sup>2</sup> | 2b     |            |   |
|  | Rm > 950 N/mm <sup>2</sup>     | 2c     |            |   |
| ACIERS TREMPÉS GEHÄRTETE<br>STÄHLE HARDENED STEELS                         | 44 - 56 HRC                    | 3a     |            |   |
|  | 57 - 67 HRC                    | 3b     |            |   |
| MATÉRIAUX EXOTIQUES<br>EXOTISCHE WERKSTOFFE<br>EXOTIC MATERIALS            | < 32 HRC                       | 4a     |            |   |
|  | > 32 HRC                       | 4b     |            |   |
| GRAPHITE   |                                | 5      | 160        | ● |
| FONTES GUSS CAST IRON  | < 32 HRC                       | 6a     |            |   |
|  | > 32 HRC                       | 6b     |            |   |
| TITANE TITAN   | Rm < 800 N/mm <sup>2</sup>     | 7a     | 50         | ● |
|  | 800 < Rm N/mm <sup>2</sup>     | 7b     | 35         | ● |
| ALLIAGES NICKEL<br>NICKEL<br>NICKEL ALLOYS                                 | Rm < 1000 N/mm <sup>2</sup>    | 8a     |            |   |
|  | 1000 < Rm N/mm <sup>2</sup>    | 8b     |            |   |
| CUIVRE, LAITON, BRONZE<br>KUPFER, MESSING, BRONZE<br>COPPER, BRASS, BRONZE | Rm < 850 N/mm <sup>2</sup>     | 9a     | 285        | ● |
|  | 850 < Rm N/mm <sup>2</sup>     | 9b     | 180        | ● |
| ALUMINIUM  | Si < 0.5%                      | 10a    | 270        | ● |
|  | 0.5% < Si < 5%                 | 10b    | 225        | ● |
|  | Si > 5%                        | 10c    |            |   |
| MATIÈRES SYNTHÉTIQUES<br>KUNSTSTOFFE<br>SYNTHETIC MATERIALS                | Thermoplast                    | 11a    | 160        | ● |
|  | Duraplast                      | 11b    | 105        | ● |
| MATIÈRES COMPOSITES<br>FASERVERST. MATERIALEN<br>COMPOSITE MATERIALS       | Fibre de verre                 | 12a    | 115        | ● |
|  | Fibre de carbone               | 12b    | 80         | ● |
| MÉTALUX PRÉCIEUX<br>EDELMETALLE<br>PRECIOUS MATERIALS                      | Or • Gold                      | 13a    | 285        | ● |
|  | Platine                        | 13b    |            |   |



|              |      |
|--------------|------|
| D (h10)      | 3    |
| d (h5)       | 3    |
| L            | 38   |
| l1           | 4    |
| l3           | 15   |
| d3           | 2.90 |
| R            |      |
| e            |      |
| Z            | 3    |
| Chanfrein    |      |
| K            |      |
| w° collision |      |