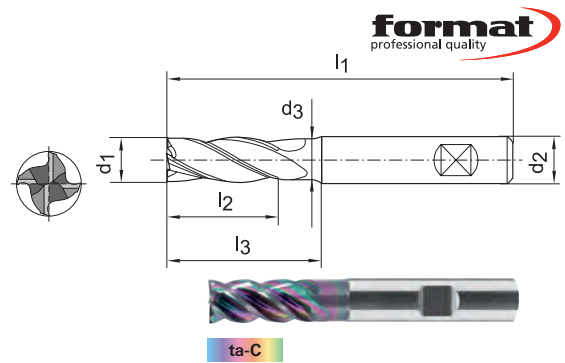
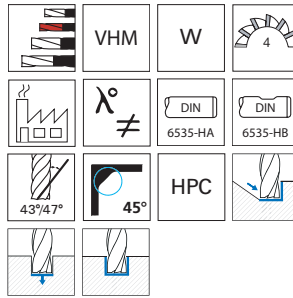


## Schaftfräser, Alu

**Ausführung:** Mit Zentrumschnitt, zum Bohren geeignet. Oberfläche poliert.

**Anwendung:** Optimal für die HPC-Bearbeitung.



**format**  
professional quality

1.9

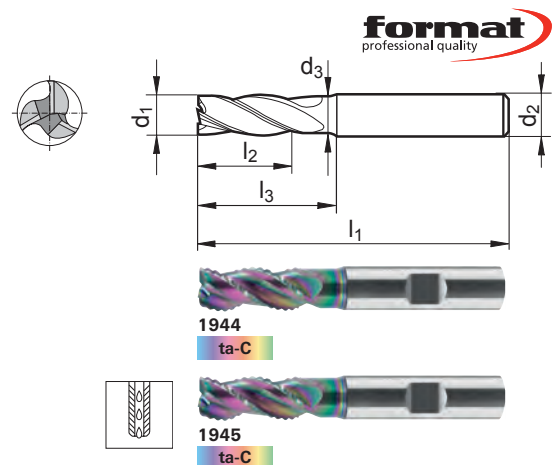
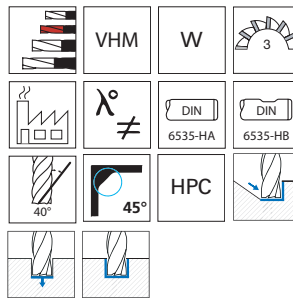
| Einsatz                | STAHL                      |                             |                             | INOX                 |                   |        | GUSS       |     | SOND.-LEG.                       | NE-METALLE     |                |                            |                                 | GEHÄRTETER STAHL |             |             | Bestell-Nr. |
|------------------------|----------------------------|-----------------------------|-----------------------------|----------------------|-------------------|--------|------------|-----|----------------------------------|----------------|----------------|----------------------------|---------------------------------|------------------|-------------|-------------|-------------|
|                        | < 700<br>N/mm <sup>2</sup> | < 1000<br>N/mm <sup>2</sup> | < 1400<br>N/mm <sup>2</sup> | ferrit./<br>martens. | austeni-<br>tisch | Duplex | GG/<br>GTS | GGG | Titan ><br>850 N/mm <sup>2</sup> | Alu <<br>8% Si | Alu ><br>8% Si | Kupfer/<br>Kupfer-<br>Leg. | Graphit/<br>GFK/CFK/<br>Duropl. | < 55<br>HRC      | < 60<br>HRC | > 60<br>HRC | 1938        |
| V <sub>c</sub> [m/min] | -                          | -                           | -                           | -                    | -                 | -      | -          | -   | -                                | 520            | 450            | -                          | 300                             | -                | -           | -           |             |

|                        |                                     |                                      |                             |                                  |                                    |                   |           |                      |        | format  |      | Bestell-Nr. |
|------------------------|-------------------------------------|--------------------------------------|-----------------------------|----------------------------------|------------------------------------|-------------------|-----------|----------------------|--------|---------|------|-------------|
|                        |                                     |                                      |                             |                                  |                                    |                   |           |                      |        | ALU     | 1938 |             |
|                        |                                     |                                      |                             |                                  |                                    |                   |           |                      |        | < 8% Si | ta-C |             |
| Ø d <sub>1</sub><br>mm | Schneidenlänge l <sub>2</sub><br>mm | Halsfreischliff l <sub>3</sub><br>mm | Hals-Ø d <sub>3</sub><br>mm | Gesamtlänge l <sub>1</sub><br>mm | Schaft-Ø d <sub>2</sub> = h6<br>mm | Eckfase 45°<br>mm | Schafttyp | f <sub>z</sub><br>mm | €      |         |      |             |
| 3                      | 6                                   | 10                                   | 2,9                         | 57                               | 6                                  | 0,1               | HA        | 0,032                | 54,20  | ...0300 |      |             |
| 4                      | 8                                   | 14                                   | 3,9                         | 57                               | 6                                  | 0,1               | HA        | 0,045                | 54,20  | ...0400 |      |             |
| 5                      | 10                                  | 16                                   | 4,9                         | 57                               | 6                                  | 0,1               | HA        | 0,05                 | 54,20  | ...0500 |      |             |
| 6                      | 12                                  | 19                                   | 5,8                         | 57                               | 6                                  | 0,2               | HA        | 0,06                 | 56,50  | ...0600 |      |             |
| 8                      | 16                                  | 25                                   | 7,8                         | 63                               | 8                                  | 0,2               | HA        | 0,08                 | 65,00  | ...0800 |      |             |
| 8                      | 16                                  | 25                                   | 7,8                         | 63                               | 8                                  | 0,2               | HB        | 0,08                 | 65,00  | ...0801 |      |             |
| 10                     | 20                                  | 30                                   | 9,7                         | 72                               | 10                                 | 0,2               | HA        | 0,09                 | 112,00 | ...1000 |      |             |
| 10                     | 20                                  | 30                                   | 9,7                         | 72                               | 10                                 | 0,2               | HB        | 0,09                 | 112,00 | ...1001 |      |             |
| 12                     | 24                                  | 36                                   | 11,7                        | 83                               | 12                                 | 0,2               | HA        | 0,1                  | 152,50 | ...1200 |      |             |
| 12                     | 24                                  | 36                                   | 11,7                        | 83                               | 12                                 | 0,2               | HB        | 0,1                  | 152,50 | ...1201 |      |             |
| 16                     | 32                                  | 42                                   | 15,7                        | 92                               | 16                                 | 0,2               | HB        | 0,13                 | 285,00 | ...1600 |      |             |
| 20                     | 40                                  | 52                                   | 19,5                        | 104                              | 20                                 | 0,2               | HB        | 0,16                 | 411,50 | ...2000 |      |             |
|                        |                                     |                                      |                             |                                  |                                    |                   |           |                      |        | (W207)  |      |             |

## Schruppfräser, Alu

**Ausführung:** Mit Zentrumschnitt, zum Bohren geeignet. Oberfläche poliert.

**Anwendung:** Optimal für die HPC-Bearbeitung.



**format**  
professional quality

| Einsatz                | STAHL                      |                             |                             | INOX                 |                   |        | GUSS       |     | SOND.-LEG.                       | NE-METALLE     |                |                            |                                 | GEHÄRTETER STAHL |             |             | Bestell-Nr. |
|------------------------|----------------------------|-----------------------------|-----------------------------|----------------------|-------------------|--------|------------|-----|----------------------------------|----------------|----------------|----------------------------|---------------------------------|------------------|-------------|-------------|-------------|
|                        | < 700<br>N/mm <sup>2</sup> | < 1000<br>N/mm <sup>2</sup> | < 1400<br>N/mm <sup>2</sup> | ferrit./<br>martens. | austeni-<br>tisch | Duplex | GG/<br>GTS | GGG | Titan ><br>850 N/mm <sup>2</sup> | Alu <<br>8% Si | Alu ><br>8% Si | Kupfer/<br>Kupfer-<br>Leg. | Graphit/<br>GFK/CFK/<br>Duropl. | < 55<br>HRC      | < 60<br>HRC | > 60<br>HRC | 1944        |
| V <sub>c</sub> [m/min] | -                          | -                           | -                           | -                    | -                 | -      | -          | -   | -                                | 700            | 350            | -                          | -                               | -                | -           | -           | 1945        |

|                        |                                     |                                      |                             |                                  |                                    |                   |           |  |       |  |         | Bestell-Nr. |
|------------------------|-------------------------------------|--------------------------------------|-----------------------------|----------------------------------|------------------------------------|-------------------|-----------|---------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|---------|-------------|
|                        |                                     |                                      |                             |                                  |                                    |                   |           | ALU                                                                                   | 1944  | 1945                                                                                  |         |             |
|                        |                                     |                                      |                             |                                  |                                    |                   |           | < 8% Si                                                                               | ta-C  | ta-C                                                                                  |         |             |
|                        |                                     |                                      |                             |                                  |                                    |                   |           | f <sub>z</sub>                                                                        |       |                                                                                       |         |             |
| Ø d <sub>1</sub><br>mm | Schneidenlänge l <sub>2</sub><br>mm | Halsfreischliff l <sub>3</sub><br>mm | Hals-Ø d <sub>3</sub><br>mm | Gesamtlänge l <sub>1</sub><br>mm | Schaft-Ø d <sub>2</sub> = h6<br>mm | Eckfase 45°<br>mm | Schafttyp | mm                                                                                    | €     | €                                                                                     |         |             |
| 6                      | 14                                  | 20                                   | 5,9                         | 57                               | 6                                  | 0,2               | HA        | 0,088                                                                                 | 51,30 | 97,50                                                                                 | ...0600 |             |
| 6                      | 14                                  | 20                                   | 5,9                         | 57                               | 6                                  | 0,2               | HB        | 0,088                                                                                 | 51,30 | 97,50                                                                                 | ...0601 |             |
| 8                      | 21                                  | 26                                   | 7,8                         | 63                               | 8                                  | 0,25              | HA        | 0,112                                                                                 | 64,00 | 113,00                                                                                | ...0800 |             |
|                        |                                     |                                      |                             |                                  |                                    |                   |           | (W207)                                                                                |       | (W207)                                                                                |         |             |

Fortsetzung nächste Seite