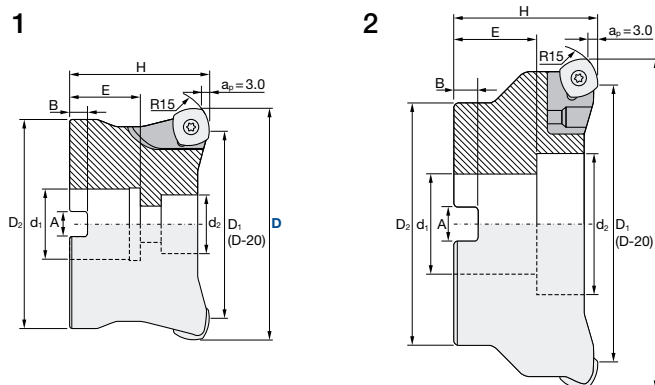


## Indexable Milling Tools

### ASF | Turbo Face

|                                |                      |                         |                  |                               |
|--------------------------------|----------------------|-------------------------|------------------|-------------------------------|
| <b>Q max</b><br>High Efficient | <b>▽</b><br>Roughing | <b>▽▽▽</b><br>Finishing | <b>HRC</b><br>60 | <b>No. of Teeth</b><br>4 ~ 14 |
|--------------------------------|----------------------|-------------------------|------------------|-------------------------------|



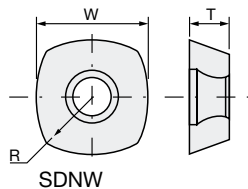
Tolerance D 0/-0.2

| ID Code | Item Code         | Stock | Z  | D          | D <sub>1</sub> | H  | E    | A    | B   | d <sub>1</sub> | d <sub>2</sub> | D <sub>2</sub> | Shape | Inserts              |
|---------|-------------------|-------|----|------------|----------------|----|------|------|-----|----------------|----------------|----------------|-------|----------------------|
| FH498   | <b>ASF-5063RM</b> | ■     | 4  | <b>63</b>  | 43             | 50 | 20   | 10.4 | 6.3 | 22             | 17             | 60             | 1     | SDNW1505<br>ZDTN-R15 |
| FH499   | <b>ASF-5080RM</b> |       |    | <b>80</b>  | 60             | 63 | 22   | 12.4 | 7   | 27             | 20             | 70             |       |                      |
| FH500   | <b>ASF-5100RM</b> |       | 5  | <b>100</b> | 80             |    | 25.5 | 14.4 | 8   | 32             | 26             | 90             | 2     | SDMT1505<br>ZDTN-C15 |
| FH501   | <b>ASF-5125RM</b> |       | 6  | <b>125</b> | 105            |    | 30   | 16.4 | 9   | 40             | 32             | 100            |       |                      |
| FH502   | <b>ASF-5160RM</b> |       | 8  | <b>160</b> | 140            |    |      |      | 9.5 |                | 69             | 105            |       |                      |
| FH503   | <b>ASF-5200RM</b> |       | 10 | <b>200</b> | 180            |    | 32   | 25.7 | 14  | 60             | 105            | 150            |       |                      |
| FH504   | <b>ASF-5250RM</b> |       | 12 | <b>250</b> | 230            |    |      |      |     |                | 140            | 200            |       |                      |
| FH505   | <b>ASF-5315RM</b> |       | 14 | <b>315</b> | 295            |    |      |      |     |                | 220            | 265            |       |                      |

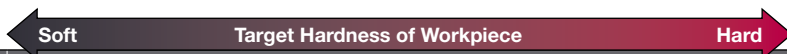
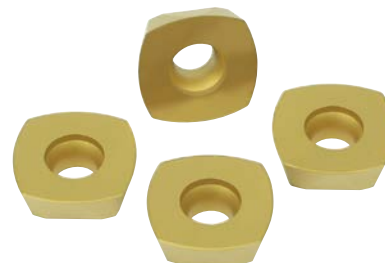
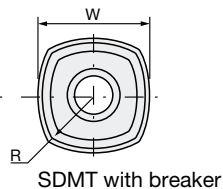
■ = Stock | Germany | □ = Please ask for delivery time

### INSERTS

#### Type A



#### Type B



| Inserts           | Grade |        |        |        |        |        |        |        |        |        | Size (mm) |      |        | Chip-breaker | Type |
|-------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|------|--------|--------------|------|
|                   | CH550 | GX2140 | JM4060 | JS4060 | TB6060 | TB6045 | TB6020 | JP4020 | TB6005 | JP4005 | R         | T    | W      |              |      |
| SDNW-1505ZDTN-R15 |       | WF241  |        | WF338  | WF625  | WF624  | WF644  | WF337  | WF639  | WF336  | 15        | 5.56 | 15.875 | no           | A    |
| SDMT-1505ZDTN-R15 | WF640 | WF240  | WF341  | WF340  |        |        |        | WF339  |        |        |           |      |        | yes          | B    |

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| <b>CH550</b>          | Cermet                                                                |
| <b>GX2140</b>         | CVD · For heavy roughing of mild steels   Recommended for dry cutting |
| <b>JM4060</b>         | PVD · For stainless steels and carbon steel                           |
| <b>JS4060</b>         | PVD · Thick layer for soft materials                                  |
| <b>TB 6060 - 6005</b> | PVD · Hybrid Coating                                                  |
| <b>JP4020</b>         | PVD · For pre-hardened steels 40–55 HRC                               |
| <b>JP4005</b>         | PVD · For hardened steels > 50 HRC                                    |

| Parts                  |                        |                        |                      |                        |                       |
|------------------------|------------------------|------------------------|----------------------|------------------------|-----------------------|
| Clamp Screw            | Locator                | Locator Screw          | Wedge Screw          | Wedge                  | Wrench                |
|                        |                        |                        |                      |                        |                       |
| ID-/ Item-Code         | ID-/ Item-Code         | ID-/ Item-Code         | ID-/ Item-Code       | ID-/ Item-Code         | ID-/ Item-Code        |
| ET162 / <b>555-141</b> | ET170 / <b>351-111</b> | ET171 / <b>156-161</b> | ET6 / <b>100-143</b> | ET172 / <b>176-121</b> | ET14 / <b>105-T20</b> |

Cutting Conditions | Schnittwerte | Condizioni di taglio | Condiciones de Corte | Conditions de coupe | Valores de corte:

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## Indexable Milling Tools

**ASF** | Turbo Face

