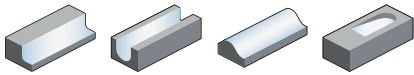


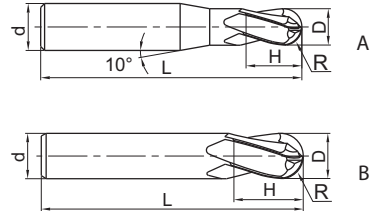
**A**

## Ball nose cutter long shank Semi-finishing

**GM-4BL**



- Factory standard
- Centre cutting
- Helix angle 35°



Turning

**B**

Milling

| Article      | * | Dimensions [mm] |    |        |    |     | Teeth | Geometry | Grade  |
|--------------|---|-----------------|----|--------|----|-----|-------|----------|--------|
|              |   | R               | D  | d (h6) | H  | L   |       |          | KMG303 |
| GM-4BL-R1.5  |   | 1.5             | 3  | 6      | 6  | 75  | 4     | A        | ○      |
| GM-4BL-R2.0  |   | 2               | 4  | 6      | 8  | 75  | 4     | A        | ○      |
| GM-4BL-R2.5  |   | 2.5             | 5  | 6      | 10 | 75  | 4     | A        | ○      |
| GM-4BL-R3.0  |   | 3               | 6  | 6      | 12 | 75  | 4     | B        | ○      |
| GM-4BL-R4.0  |   | 4               | 8  | 8      | 16 | 100 | 4     | B        | ○      |
| GM-4BL-R5.0  |   | 5               | 10 | 10     | 20 | 100 | 4     | B        | ○      |
| GM-4BL-R6.0  |   | 6               | 12 | 12     | 24 | 100 | 4     | B        | ○      |
| GM-4BL-R7.0  |   | 7               | 14 | 14     | 28 | 100 | 4     | B        | ○      |
| GM-4BL-R8.0  |   | 8               | 16 | 16     | 32 | 150 | 4     | B        | ○      |
| GM-4BL-R9.0  |   | 9               | 18 | 18     | 36 | 150 | 4     | B        | ○      |
| GM-4BL-R10.0 |   | 10              | 20 | 20     | 40 | 150 | 4     | B        | ○      |

● Ex stock ○ On demand

\* With internal cooling

**C**

Drilling

**D**

Technical Information

**E**

Index

### Application field

| P | M | K | N | S | H |
|---|---|---|---|---|---|
| ✓ | ✓ | ✓ |   |   |   |

✓ Very suitable

✓ Suitable

System code > B268

Cutting data > B436

Nonstandard order > B477

## End mill – GM series

| Material group                                      | Composition / structure / heat treatment    | Brinell hardness HB   | Machining group | Starting values for cutting speed $v_c$ [m/min] |             |                |                 |                  |                    |             |                    |             |  |  |
|---|---|-----------------------|-----------------|---|-------------|----------------|-----------------|------------------|--------------------|-------------|--------------------|-------------|--|--|
|   |   |                       |                 | GM-2BL<br>GM-4BL<br>GM-2BFP                     |             |                |                 |                  | GM-2R<br>GM-4R     |             |                    |             |  |  |
|   |   |                       |                 |   |             |                |                 |                  | Slot milling       |             | Shoulder milling   |             |  |  |
|   |   |                       |                 |   |             |                |                 |                  | $\varnothing$ [mm] | $a_{p\max}$ | $\varnothing$ [mm] | $a_{e\max}$ |  |  |
|   |   |                       |                 |   | $0 < x < 3$ | $0,1 \times D$ | $0 < x \leq 20$ | $< 0,5 \times D$ |                    |             |                    |             |  |  |
|   |   |                       |                 |   | KMG303      |                |                 |                  |                    | KMG303      |                    |             |  |  |
|   |   |                       |                 |   | $a_e / D$   |                |                 |                  |                    | $a_e / D$   |                    |             |  |  |
|   |   |                       |                 |   | 1/1         | 1/10           | 1/20            | f-group          | 1/1                | 1/2         | 1/10               | f-group     |  |  |
| P<br>Unalloyed steel                                | approx. 0,15 % C                            | annealed              | 125             | 1   | 220         | 250            | 5               | 160              | 215                | 275         | 2                  |             |  |  |
|   | approx. 0,45 % C                            | annealed              | 190             | 2   | 210         | 240            | 5               | 155              | 205                | 265         | 2                  |             |  |  |
|   | approx. 0,45 % C                            | tempered              | 250             | 3   | 155         | 175            | 5               | 115              | 155                | 195         | 2                  |             |  |  |
|   | approx. 0,75 % C                            | annealed              | 270             | 4   | 135         | 150            | 5               | 100              | 130                | 165         | 2                  |             |  |  |
|   | approx. 0,75 % C                            | tempered              | 300             | 5   | 125         | 140            | 5               | 90               | 120                | 155         | 2                  |             |  |  |
| P<br>Low-alloyed steel                              |   | annealed              | 180             | 6   | 165         | 190            | 5               | 120              | 165                | 210         | 2                  |             |  |  |
|   |   | tempered              | 275             | 7   | 135         | 150            | 5               | 100              | 130                | 165         | 2                  |             |  |  |
|   |   | tempered              | 300             | 8   | 125         | 140            | 5               | 90               | 120                | 155         | 2                  |             |  |  |
|   |   | tempered              | 350             | 9   | 115         | 130            | 5               | 85               | 115                | 145         | 2                  |             |  |  |
| P<br>High-alloyed steel and high-alloyed tool steel |   | annealed              | 200             | 10  | 155         | 175            | 5               | 115              | 155                | 195         | 2                  |             |  |  |
|   |   | hardened and tempered | 325             | 11  | 120         | 135            | 5               | 85               | 115                | 150         | 2                  |             |  |  |
| M<br>Stainless steel                                | ferritic/martensitic                        | annealed              | 200             | 12  | 75          | 80             | 5               | 55               | 70                 | 90          | 2                  |             |  |  |
|   | martensitic                                 | tempered              | 240             | 13  | 65          | 70             | 5               | 45               | 65                 | 80          | 2                  |             |  |  |
|   | austenitic                                  | quench hardened       | 180             | 14  | 75          | 85             | 5               | 55               | 75                 | 95          | 2                  |             |  |  |
|   | austenitic-ferritic                         |                       | 230             | 15  | 65          | 70             | 5               | 45               | 65                 | 80          | 2                  |             |  |  |
| K<br>Grey cast iron                                 | perlitic/ferritic                           |                       | 180             | 16  | 165         | 185            | 5               | 120              | 160                | 205         | 2                  |             |  |  |
|   | perlitic (martensitic)                      |                       | 260             | 17  | 135         | 150            | 5               | 100              | 130                | 165         | 2                  |             |  |  |
| K<br>Cast iron with spheroidal graphite             | ferritic                                    |                       | 160             | 18  | 200         | 225            | 5               | 145              | 195                | 250         | 2                  |             |  |  |
|   | perlitic                                    |                       | 250             | 19  | 155         | 175            | 5               | 115              | 155                | 195         | 2                  |             |  |  |
| K<br>Malleable cast iron                            | ferritic                                    |                       | 130             | 20  | 220         | 250            | 5               | 160              | 215                | 275         | 2                  |             |  |  |
|   | perlitic                                    |                       | 230             | 21  | 180         | 200            | 5               | 130              | 175                | 220         | 2                  |             |  |  |
| N<br>Aluminium wrought alloys                       | cannot be hardened                          |                       | 60              | 22  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | hardenable                                  | hardened              | 100             | 23  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | $\leq 12\% \text{ Si}$ , cannot be hardened |                       | 75              | 24  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | $\leq 12\% \text{ Si}$ , hardenable         | hardened              | 90              | 25  |             |                |                 |                  |                    |             |                    |             |  |  |
| N<br>Cast aluminium alloys                          | $> 12\% \text{ Si}$ , cannot be hardened    |                       | 130             | 26  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | machining steel, PB> 1%                     |                       | 110             | 27  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | CuZn, CuSnZn                                |                       | 90              | 28  |             |                |                 |                  |                    |             |                    |             |  |  |
| S<br>Copper and copper alloys (bronze/brass)        | CuSn, Pb-free copper, electrolytic copper   |                       | 100             | 29  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | Heat-resistant alloys                       | Fe-based alloys       | annealed        | 200   | 30          |                |                 |                  |                    |             |                    |             |  |  |
|   |   | hardened              | 280             | 31  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | Ni or Co bass                               | annealed              | 250             | 32  |             |                |                 |                  |                    |             |                    |             |  |  |
| hardened  |   | 350                   | 33              |   |             |                |                 |                  |                    |             |                    |             |  |  |
| Titanium alloys                                     | cast  | 320                   | 34              |   |             |                |                 |                  |                    |             |                    |             |  |  |
|   | pure titanium                               |                       | $R_m$ 400       | 35  |             |                |                 |                  |                    |             |                    |             |  |  |
| H<br>Hardened steel                                 | $\alpha$ and $\beta$ alloys                 | hardened              | $R_m$ 1050      | 36  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | hardened and tempered                       | 55 HRC                |                 | 37  |             |                |                 |                  |                    |             |                    |             |  |  |
| H<br>Hard cast iron                                 | hardened and tempered                       | 60 HRC                |                 | 38  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | cast  | 400                   |                 | 39  |             |                |                 |                  |                    |             |                    |             |  |  |
| H<br>Hardened cast iron                             | hardened and tempered                       | 55 HRC                |                 | 40  |             |                |                 |                  |                    |             |                    |             |  |  |
| X<br>Non-metallic materials                         | Thermoplasts                                |                       |                 | 41  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | Thermosetting plastics                      |                       |                 | 42  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | Plastic, glass-fibre reinforced GFRP        |                       |                 | 43  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | Plastic, carbon fibre reinforced CFRP       |                       |                 | 44  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | Graphite                                    |                       |                 | 45  |             |                |                 |                  |                    |             |                    |             |  |  |
|   | Wood  |                       |                 | 46  |             |                |                 |                  |                    |             |                    |             |  |  |

Note: The given cutting values are guide values, which were determined under ideal conditions.  
 The values have to be adapted in individual cases.  
 Feed rate recommendations on page B460.  
 For examples of material for cutting tool groups view page D22.

## Recommended feed rate

### Solid carbide milling group 5 – Ball nose cutters GM series

|          | $a_e / D$ | Feed rate per cutting edge ( $f_z$ ) [mm] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|----------|-----------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|          |           | Ø0,5                                      | Ø0,8 | Ø 1  | Ø 2  | Ø 3  | Ø 4  | Ø 5  | Ø 6  | Ø 8  | Ø 10 | Ø 12 | Ø 14 | Ø 16 | Ø 18 | Ø 20 |  |
| <b>P</b> | 1/1       |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|          | 1/10      | 0,02                                      | 0,05 | 0,05 | 0,05 | 0,05 | 0,05 | 0,07 | 0,07 | 0,09 | 0,14 | 0,16 | 0,16 | 0,18 | 0,18 | 0,20 |  |
|          | 1/20      | 0,03                                      | 0,06 | 0,06 | 0,06 | 0,06 | 0,06 | 0,08 | 0,08 | 0,11 | 0,17 | 0,20 | 0,20 | 0,23 | 0,23 | 0,25 |  |
| <b>M</b> | 1/1       |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|          | 1/10      | 0,02                                      | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,05 | 0,05 | 0,07 | 0,11 | 0,13 | 0,13 | 0,15 | 0,15 | 0,16 |  |
|          | 1/20      | 0,02                                      | 0,05 | 0,05 | 0,05 | 0,05 | 0,05 | 0,07 | 0,07 | 0,09 | 0,14 | 0,16 | 0,16 | 0,18 | 0,18 | 0,21 |  |
| <b>K</b> | 1/1       |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|          | 1/10      | 0,02                                      | 0,05 | 0,05 | 0,05 | 0,05 | 0,05 | 0,07 | 0,07 | 0,09 | 0,14 | 0,16 | 0,16 | 0,18 | 0,18 | 0,20 |  |
|          | 1/20      | 0,03                                      | 0,06 | 0,06 | 0,06 | 0,06 | 0,06 | 0,08 | 0,08 | 0,11 | 0,17 | 0,20 | 0,20 | 0,23 | 0,23 | 0,25 |  |
| <b>H</b> | 1/1       |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|          | 1/10      | 0,02                                      | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,05 | 0,05 | 0,07 | 0,11 | 0,13 | 0,13 | 0,15 | 0,15 | 0,16 |  |
|          | 1/20      | 0,02                                      | 0,05 | 0,05 | 0,05 | 0,05 | 0,05 | 0,07 | 0,07 | 0,09 | 0,14 | 0,16 | 0,16 | 0,18 | 0,18 | 0,21 |  |

Note: The given cutting values are guide values, which were determined under ideal conditions.  
The values have to be adapted in individual cases.

### Solid carbide milling group 6 – High feed mills PM series

|          | $a_e / D$ | Feed rate per cutting edge ( $f_z$ ) [mm] |      |      |      |      |      |      |  |
|----------|-----------|---|------|------|------|------|------|------|--|
|          |           | Ø 3                                       | Ø 4  | Ø 5  | Ø 6  | Ø 8  | Ø 10 | Ø 12 |  |
| <b>P</b> | 1/1       |   |      |      |      |      |      |      |  |
|          | 1/10      |   |      |      |      |      |      |      |  |
|          | 1/20      | 0,15                                      | 0,25 | 0,28 | 0,33 | 0,44 | 0,55 | 0,66 |  |
| <b>M</b> | 1/1       |   |      |      |      |      |      |      |  |
|          | 1/10      |   |      |      |      |      |      |      |  |
|          | 1/20      | 0,12                                      | 0,22 | 0,25 | 0,30 | 0,41 | 0,52 | 0,63 |  |
| <b>K</b> | 1/1       |   |      |      |      |      |      |      |  |
|          | 1/10      |   |      |      |      |      |      |      |  |
|          | 1/20      | 0,15                                      | 0,25 | 0,28 | 0,33 | 0,44 | 0,55 | 0,66 |  |
| <b>H</b> | 1/1       |   |      |      |      |      |      |      |  |
|          | 1/10      |   |      |      |      |      |      |      |  |
|          | 1/20      | 0,12                                      | 0,22 | 0,25 | 0,30 | 0,41 | 0,52 | 0,63 |  |

Note: The given cutting values are guide values, which were determined under ideal conditions.  
The values have to be adapted in individual cases.

### Solid carbide milling group 7 – Ball nose cutters HM series

|          | $a_e / D$ | Feed rate per cutting edge ( $f_z$ ) [mm] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|----------|-----------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|          |           | Ø0,5                                      | Ø0,8 | Ø 1  | Ø 2  | Ø 3  | Ø 4  | Ø 5  | Ø 6  | Ø 8  | Ø 10 | Ø 12 | Ø 14 | Ø 16 | Ø 18 | Ø 20 |  |
| <b>H</b> | 1/1       |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|          | 1/2       | 0,02                                      | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,05 | 0,05 | 0,07 | 0,11 | 0,13 | 0,13 | 0,15 | 0,15 | 0,16 |  |
|          | 1/10      | 0,02                                      | 0,05 | 0,05 | 0,05 | 0,05 | 0,05 | 0,07 | 0,07 | 0,09 | 0,14 | 0,16 | 0,16 | 0,18 | 0,18 | 0,21 |  |

Note: The given cutting values are guide values, which were determined under ideal conditions.  
The values have to be adapted in individual cases.

### Solid carbide milling group 8 – High feed mills AL series

|          | $a_e / D$ | Feed rate per cutting edge ( $f_z$ ) [mm] |      |      |      |      |      |      |      |
|----------|-----------|---|------|------|------|------|------|------|------|
|          |           | Ø 6                                       | Ø 8  | Ø 10 | Ø 12 | Ø 14 | Ø 16 | Ø 18 | Ø 20 |
| <b>N</b> | 1/1       | 0,04                                      | 0,05 | 0,08 | 0,09 | 0,11 | 0,13 | 0,16 | 0,18 |
|          | 3/4       | 0,05                                      | 0,07 | 0,10 | 0,12 | 0,14 | 0,16 | 0,20 | 0,23 |
|          | 1/10      | 0,08                                      | 0,11 | 0,16 | 0,19 | 0,22 | 0,25 | 0,31 | 0,36 |

Note: The given cutting values are guide values, which were determined under ideal conditions.  
The values have to be adapted in individual cases.

A

Turning

B

Milling

C

Drilling

D

Technical Information

E

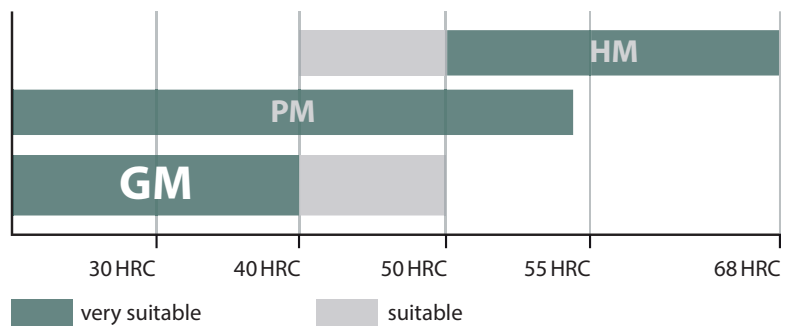
Index

# GM series

*For general applications*

- For machining of steel to max. 50 HRC and cast iron to heat-resistant alloys.
- Sharp cutting edge with high edge stability. Roughing to finishing with long tool life.
- End mills, ball nose cutters, torus mills, rippers and mini cutters.
- Diameter range 0.3–20.0 mm

Application fields for machining of steel



# GM – 2 E L P – D12 R0.5 – M08 – W

**1**      **2**      **3**      **4**      **5**      **6**      **7**      **8**      **9**

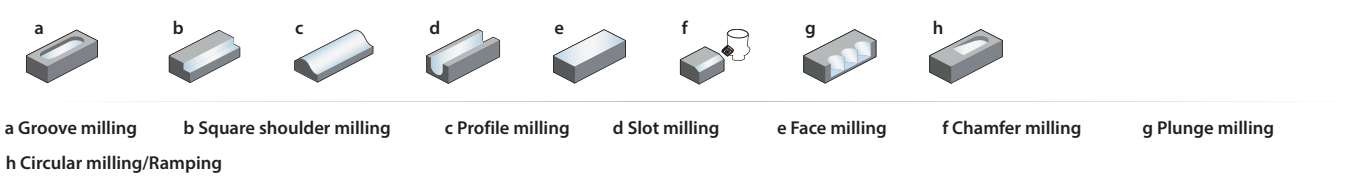
| Application |  |
|-------------|--|
| Code        | Description                                    |
| GR          | General roughing                               |
| GM          | Semi-finishing                                 |
| GF          | Finishing                                      |
| PM          | High-performance machining                     |
| HM          | Hard machining                                 |
| HH          | High-speed hard machining                      |
| NM          | General machining of non-ferrous metals        |
| AL          | General machining of Al and Al alloys          |
| ALP         | High-performance machining of Al and Al alloys |
| ALG         | General machining of Al and Al alloys          |
| UM          | HSC/HPC machining                              |
| VSM         | General machining of heat-resistant alloys     |

Number of teeth

| Cutting edge type |   | Cutting edge length |             |
|-------------------|---|---------------------|-------------|
| Code              | Description                                   | Code                | Description |
| E                 | Square shoulder mill with protective chamfer  | L                   | Long        |
| F                 | Square shoulder mill with sharp cutting edges | X                   | Extra long  |
| B                 | Ball nose cutter                              | F                   | Short       |
| R                 | Torus mill                                    |                     |             |
| W                 | Ripper  |                     |             |
| H                 | High-feed mill                                |                     |             |

| Type |               | Diameter [mm] |             |
|------|---------------|---------------|-------------|
| Code | Description   | Code          | Description |
| S    | Mini diameter | D3.0          | 3,0         |
| P    | Ground neck   | D8.0          | 8,0         |
| C    | Conical neck  | D20.0         | 20,0        |
|      |               | ...           |             |

| Radius [mm] |             | Features |                        | Weldon shank |
|-------------|-------------|----------|------------------------|--------------|
| Code        | Description | Code     | Description            |              |
| R0.5        | 0,5         | G        | Spiral angle 30°       |              |
| R1.0        | 1,5         | M        | Neck length [mm]       |              |
| R3.0        | 3,0         | S        | Thin shank             |              |
| ...         |             | AIR      | For aerospace industry |              |



**A**  
Turning  
  
**B**  
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**C**  
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**A**

Turning

## Coated cemented carbide PVD

| Grade         | Grade description   |
|---------------|---|
| <b>KMD401</b> | PVD coated carbide substrate for high performance milling application of non-ferrous metals, CFRP and GFRP and organic materials. The DLC layer has very good wear protection and high thermal stability. |

**B**

Milling

|               |   |
|---------------|---|
| <b>KMG303</b> | PVD coated carbide substrate for universal milling application of steel (up to HRC<=48), stainless steel and cast iron. |
|---------------|---|

|               |   |
|---------------|---|
| <b>KMG405</b> | PVD coated carbide substrate for high performance milling application of steel (up to HRC <55), stainless steel, super alloy material and cast iron. High wear resistance and toughness for a wide application field. |
|---------------|---|

**C**

Drilling

|               |  |
|---------------|--|
| <b>KMG555</b> | PVD coated carbide substrate for hard milling application of steel (HRC 55–68), highest wear resistance and toughness for best cutting result. |
|---------------|--|

|               |  |
|---------------|--|
| <b>KMG309</b> | PVD coated carbide substrate for non ferrous materials. High wear resistance even in abrasive materials. |
|---------------|--|

**D**

Technical Information

## Uncoated cemented carbide






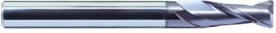






| Grade        | Grade description   |
|--------------|---|
| <b>YK30F</b> | Uncoated K30 carbide substrate for steel, stainless steel, cast iron and non ferrous materials. |

**E**

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|              |   |
|--------------|---|
| <b>YK40F</b> | Uncoated K20–K30/N20–N30 carbide substrate for cast iron and non ferrous materials. |
|--------------|---|

## General machining

| Products   | Solid carbide cutters   | Teeth | Ø         | Application |   |   |   |   |   | Type                   | Page |
|------------|---|-------|-----------|-------------|---|---|---|---|---|------------------------|------|
|            |   |       |           | P           | M | K | N | S | H |                        |      |
| GM-2BFP    |    | 2     | 1.0-20.0  | ✓           | ✓ | ✓ |   |   |   | Ball nose cutters      | B315 |
| GM-2BS     |    | 2     | 0.3-3.0   | ✓           | ✓ | ✓ |   |   |   | Mini ball nose cutters | B316 |
| GM-2BP     |    | 2     | 0.5-5.0   | ✓           | ✓ | ✓ |   |   |   | Mini ball nose cutters | B317 |
| GM-4B      |    | 4     | 3.0-20.0  | ✓           | ✓ | ✓ |   |   |   | Ball nose cutters      | B319 |
| GM-4BL     |    | 4     | 3.0-20.0  | ✓           | ✓ | ✓ |   |   |   | Ball nose cutters      | B320 |
| GM-2R      |    | 2     | 1.0-12.0  | ✓           | ✓ | ✓ |   |   |   | Torus mills            | B321 |
| GM-4R      |    | 4     | 3.0-12.0  | ✓           | ✓ | ✓ |   |   |   | Torus mills            | B322 |
| GM-4RL     |    | 4     | 6.0-16.0  | ✓           | ✓ | ✓ |   |   |   | Torus mills            | B323 |
| 5602R303GR |    | 3     | 6.0-8.0   | ✓           | ✓ | ✓ |   |   |   | Rippers                | B324 |
| 5602R304GR |  | 4     | 10.0-20.0 | ✓           | ✓ | ✓ |   |   |   | Rippers                | B325 |
| 5602R305GR |  | 5     | 25.0      | ✓           | ✓ | ✓ |   |   |   | Rippers                | B326 |
| GM-4W      |  | 4     | 6.0-20.0  | ✓           | ✓ | ✓ |   |   |   | Rippers                | B327 |

✓ Very suitable    ✓ Suitable

## Machining high hardness steel

|            |   |     |          |  |  |  |  |  |   |                |      |
|------------|---|-----|----------|--|--|--|--|--|---|----------------|------|
| HM-2E      |  | 2   | 1.0-20.0 |  |  |  |  |  | ✓ | End mills      | B354 |
| HM-2EFP    |  | 2   | 6.0-20.0 |  |  |  |  |  | ✓ | End mills      | B355 |
| HM-2EP     |  | 2   | 0.5-5.0  |  |  |  |  |  | ✓ | Mini end mills | B356 |
| HM-2ES     |  | 2   | 0.3-3.0  |  |  |  |  |  | ✓ | Mini end mills | B358 |
| HM-4E      |  | 4   | 1.0-20.0 |  |  |  |  |  | ✓ | End mills      | B359 |
| HM-4EL     |  | 4   | 3.0-20.0 |  |  |  |  |  | ✓ | End mills      | B360 |
| HM-4EFP    |  | 4   | 6.0-20.0 |  |  |  |  |  | ✓ | End mills      | B361 |
| 5502R55MHH |  | 4-8 | 3.0-20.0 |  |  |  |  |  | ✓ | End mills      | B362 |

✓ Very suitable    ✓ Suitable

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Milling

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