

# CARBIDE



Being the best through innovation



## V7 Mill INOX

- 可对HRc40以下的不锈钢进行重切削和无声切削
- 以变化螺旋角设计, YG-1专利

**Stainless Steels in Heavy and Silent Cutting Materials up to HRc40.  
Designed as Variable Leads, YG-1's Patent.**

# SELECTION GUIDE

| 项目   | 型号    | 规格          | 尺寸   |     | 页    |
|------|-------|-------------|------|-----|------|
|      |       |             | 最小   | 最大  |      |
| ITEM | MODEL | DESCRIPTION | SIZE |     | PAGE |
|      |       |             | MIN  | MAX |      |

## METRIC

|                              |                                                                                    |                                                                 |      |       |            |
|------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------|------|-------|------------|
| <b>EMB41</b><br><b>EMB42</b> |   | 硬质合金, 4刃 短刃<br>CARBIDE, 4 FLUTE SHORT LENGTH                    | D3.0 | D20.0 | <b>714</b> |
| <b>EMB43</b><br><b>EMB44</b> |   | 硬质合金, 4刃 短刃 圆鼻铣刀<br>CARBIDE, 4 FLUTE SHORT LENGTH CORNER RADIUS | D3.0 | D20.0 | <b>715</b> |
| <b>EMB14</b><br><b>EMB39</b> |   | 硬质合金, 4刃 长刃<br>CARBIDE, 4 FLUTE LONG LENGTH                     | D3.0 | D25.0 | <b>716</b> |
| <b>EMB15</b><br><b>EMB40</b> |   | 硬质合金, 4刃 长刃 圆鼻铣刀<br>CARBIDE, 4 FLUTE LONG LENGTH CORNER RADIUS  | D3.0 | D25.0 | <b>717</b> |
| <b>EMB74</b><br><b>EMB75</b> |   | 硬质合金, 4刃 长刃 球头<br>CARBIDE, 4 FLUTE LONG LENGTH BALL NOSE        | R1.5 | R12.5 | <b>718</b> |
| <b>EMB72</b><br><b>EMB73</b> |  | 硬质合金, 5刃 长刃<br>CARBIDE, 5 FLUTE LONG LENGTH                     | D6.0 | D25.0 | <b>719</b> |

## INCH

|                                           |                                                                                     |                                                                    |        |       |            |
|-------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------|-------|------------|
| <b>EMB12</b><br><b>EMB37</b>              |  | 硬质合金, 4刃 普通刃<br>CARBIDE, 4 FLUTE REGULAR LENGTH                    | D1/8"  | D1"   | <b>720</b> |
| <b>EMB13</b><br><b>EMB38</b>              |  | 硬质合金, 4刃 普通刃 圆鼻铣刀<br>CARBIDE, 4 FLUTE REGULAR LENGTH CORNER RADIUS | D1/8"  | D1"   | <b>721</b> |
| <b>EMB78</b><br><b>EMB79</b>              |  | 硬质合金, 4刃 普通刃 球头<br>CARBIDE, 4 FLUTE REGULAR LENGTH BALL NOSE       | R1/16" | R1/2" | <b>722</b> |
| <b>EMB76</b><br><b>EMB77</b>              |  | 硬质合金, 5刃 普通刃<br>CARBIDE, 5 FLUTE REGULAR LENGTH                    | D1/4"  | D1"   | <b>723</b> |
| 推荐的切削条件<br>RECOMMENDED CUTTING CONDITIONS |                                                                                     |                                                                    |        |       | <b>724</b> |

# V7 Mill INOX END MILLS

◎：优(Excellent) ○：良(Good)

| 碳钢            | 合金钢          | 预硬钢                | 硬化钢             |          | 高硬钢                  | 铜      | 石墨       | 铸铁        | 铝        | 不锈钢              | 钛        | 镍钛合金    |
|---------------|--------------|--------------------|-----------------|----------|----------------------|--------|----------|-----------|----------|------------------|----------|---------|
| Carbon Steels | Alloy Steels | Prehardened Steels | Hardened Steels |          | High Hardened Steels | Copper | Graphite | Cast Iron | Aluminum | Stainless Steels | Titanium | Inconel |
| ~HB225        | HB225~325    | HRc30~40           | HRc40~45        | HRc45~55 | HRc55~70             |        |          |           |          |                  |          |         |

|   |   |   |  |  |  |  |  |  |  |   |   |   |
|---|---|---|--|--|--|--|--|--|--|---|---|---|
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |

|   |   |   |  |  |  |  |  |  |  |   |   |   |
|---|---|---|--|--|--|--|--|--|--|---|---|---|
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |
| ◎ | ○ | ○ |  |  |  |  |  |  |  | ◎ | ◎ | ○ |

CARBIDE

HSS


**V7 Mill INOX  
END MILLS**
**EMB41**

SERIES

PLAIN SHANK

**EMB42**

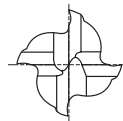
SERIES

FLAT SHANK

**硬质合金, 4刃 短刃**
**CARBIDE, 4 FLUTE SHORT LENGTH**

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
- ▶ Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under H Rc 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates


**MG  
HM**
**4**
**PLAIN**
**FLAT**


P.724

单位(Unit) : mm

| 型号<br>EDP No. |          | 刃部直径<br>Mill Diameter | 柄部直径<br>Shank Diameter<br>h6 | 刃长<br>Length of Cut | 全长<br>Overall Length |
|---------------|----------|-----------------------|------------------------------|---------------------|----------------------|
| PLAIN         | FLAT     |                       |                              |                     |                      |
| EMB41030      | EMB42030 | 3.0                   | 6                            | 7                   | 54                   |
| EMB41040      | EMB42040 | 4.0                   | 6                            | 8                   | 54                   |
| EMB41050      | EMB42050 | 5.0                   | 6                            | 10                  | 54                   |
| EMB41060      | EMB42060 | 6.0                   | 6                            | 10                  | 54                   |
| EMB41080      | EMB42080 | 8.0                   | 8                            | 12                  | 58                   |
| EMB41100      | EMB42100 | 10.0                  | 10                           | 14                  | 66                   |
| EMB41120      | EMB42120 | 12.0                  | 12                           | 16                  | 73                   |
| EMB41140      | EMB42140 | 14.0                  | 14                           | 18                  | 75                   |
| EMB41160      | EMB42160 | 16.0                  | 16                           | 22                  | 82                   |
| EMB41180      | EMB42180 | 18.0                  | 18                           | 24                  | 84                   |
| EMB41200      | EMB42200 | 20.0                  | 20                           | 26                  | 92                   |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-0.03                            | h6                              |

◎ : 优(Excellent) ○ : 良(Good)

| 碳钢<br>Carbon Steels | 合金钢<br>Alloy Steels | 预硬钢<br>Prehardened Steels | 硬化钢<br>Hardened Steels |          | 高硬钢<br>High Hardened Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless Steels | 钛<br>Titanium | 镍铬铁合金<br>Inconel |
|---------------------|---------------------|---------------------------|------------------------|----------|-----------------------------|-------------|----------------|-----------------|---------------|-------------------------|---------------|------------------|
| ~HB225              | HB225~325           | HRc30~40                  | HRc40~45               | HRc45~55 | HRc55~70                    |             |                |                 |               |                         |               |                  |
| ◎                   | ○                   | ○                         |                        |          |                             |             |                |                 |               | ◎                       | ◎             | ○                |

# 硬质合金, 4刃 短刃 圆鼻铣刀 CARBIDE, 4 FLUTE SHORT LENGTH CORNER RADIUS

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
- ▶ Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under H Rc 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates



| 型号<br>EDP No. |          | 圆弧半径<br>Corner Radius | 刃部直径<br>Mill Diameter | 柄部直径<br>Shank Diameter | 刃长<br>Length of Cut | 全长<br>Overall Length |
|---------------|----------|-----------------------|-----------------------|------------------------|---------------------|----------------------|
| PLAIN         | FLAT     | R                     |                       | h6                     |                     |                      |
| EMB43030      | EMB44030 | RO.25~RO.38           | 3.0                   | 6                      | 7                   | 54                   |
| EMB43040      | EMB44040 | RO.25~RO.38           | 4.0                   | 6                      | 8                   | 54                   |
| EMB43050      | EMB44050 | RO.25~RO.38           | 5.0                   | 6                      | 10                  | 54                   |
| EMB43060      | EMB44060 | RO.38~RO.51           | 6.0                   | 6                      | 10                  | 54                   |
| EMB43080      | EMB44080 | RO.38~RO.51           | 8.0                   | 8                      | 12                  | 58                   |
| EMB43100      | EMB44100 | RO.38~RO.51           | 10.0                  | 10                     | 14                  | 66                   |
| EMB43120      | EMB44120 | RO.64~RO.76           | 12.0                  | 12                     | 16                  | 73                   |
| EMB43140      | EMB44140 | RO.64~RO.76           | 14.0                  | 14                     | 18                  | 75                   |
| EMB43160      | EMB44160 | RO.89~R1.02           | 16.0                  | 16                     | 22                  | 82                   |
| EMB43180      | EMB44180 | RO.89~R1.02           | 18.0                  | 18                     | 24                  | 84                   |
| EMB43200      | EMB44200 | RO.89~R1.02           | 20.0                  | 20                     | 26                  | 92                   |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-0.03                            | h6                              |

| 碳钢<br>Carbon Steels | 合金钢<br>Alloy Steels | 预硬钢<br>Prehardened Steels | 硬化钢<br>Hardened Steels | 高硬钢<br>High Hardened Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless Steels | 钛<br>Titanium | 镍钴铁合金<br>Inconel |
|---------------------|---------------------|---------------------------|------------------------|-----------------------------|-------------|----------------|-----------------|---------------|-------------------------|---------------|------------------|
| ~HB225              | HB225~325           | HRc30~40                  | HRc40~45 HRc45~55      | HRc55~70                    |             |                |                 |               |                         |               |                  |
| ◎                   | ○                   | ○                         |                        |                             |             |                |                 |               | ◎                       | ◎             | ○                |

CARBIDE

HSS


**V7 Mill INOX  
END MILLS**
**EMB14 SERIES**

PLAIN SHANK

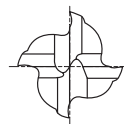
**EMB39 SERIES**

FLAT SHANK

**硬质合金, 4刃 长刃**
**CARBIDE, 4 FLUTE LONG LENGTH**

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
- ▶ Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under H Rc 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates


**MG  
HM**
**4**
**PLAIN**
**FLAT**


P.724

单位(Unit) : mm

| 型号<br>EDP No. |          | 刃部直径<br>Mill Diameter | 柄部直径<br>Shank Diameter<br>h6 | 刃长<br>Length of Cut | 全长<br>Overall Length |
|---------------|----------|-----------------------|------------------------------|---------------------|----------------------|
| PLAIN         | FLAT     |                       |                              |                     |                      |
| EMB14030      | EMB39030 | 3.0                   | 6                            | 8                   | 57                   |
| EMB14040      | EMB39040 | 4.0                   | 6                            | 11                  | 57                   |
| EMB14050      | EMB39050 | 5.0                   | 6                            | 13                  | 57                   |
| EMB14060      | EMB39060 | 6.0                   | 6                            | 13                  | 57                   |
| EMB14080      | EMB39080 | 8.0                   | 8                            | 19                  | 63                   |
| EMB14100      | EMB39100 | 10.0                  | 10                           | 22                  | 72                   |
| EMB14120      | EMB39120 | 12.0                  | 12                           | 26                  | 83                   |
| EMB14140      | EMB39140 | 14.0                  | 14                           | 26                  | 83                   |
| EMB14160      | EMB39160 | 16.0                  | 16                           | 32                  | 92                   |
| EMB14180      | EMB39180 | 18.0                  | 18                           | 32                  | 92                   |
| EMB14200      | EMB39200 | 20.0                  | 20                           | 38                  | 104                  |
| EMB14250      | EMB39250 | 25.0                  | 25                           | 38                  | 104                  |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-0.03                            | h6                              |

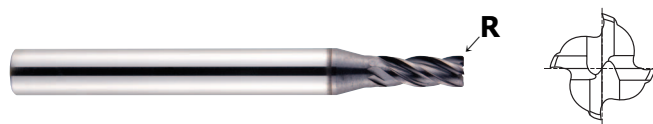
◎ : 优(Excellent) ○ : 良(Good)

| 碳钢<br>Carbon Steels | 合金钢<br>Alloy Steels | 预硬钢<br>Prehardened Steels | 硬化钢<br>Hardened Steels |          | 高硬钢<br>High Hardened Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless Steels | 钛<br>Titanium | 镍铬铁合金<br>Inconel |
|---------------------|---------------------|---------------------------|------------------------|----------|-----------------------------|-------------|----------------|-----------------|---------------|-------------------------|---------------|------------------|
| ~HB225              | HB225~325           | HRc30~40                  | HRc40~45               | HRc45~55 | HRc55~70                    |             |                |                 |               |                         |               |                  |
| ◎                   | ○                   | ○                         |                        |          |                             |             |                |                 |               | ◎                       | ◎             | ○                |

# 硬质合金, 4刃 长刃 圆鼻铣刀 CARBIDE, 4 FLUTE LONG LENGTH CORNER RADIUS

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
- ▶ Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under H Rc 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates



| 型号<br>EDP No. |          | 圆弧半径<br>Corner Radius | 刃部直径<br>Mill Diameter | 柄部直径<br>Shank Diameter | 刃长<br>Length of Cut | 全长<br>Overall Length |
|---------------|----------|-----------------------|-----------------------|------------------------|---------------------|----------------------|
| PLAIN         | FLAT     | R                     |                       | h6                     |                     |                      |
| EMB15030      | EMB40030 | RO.25~RO.38           | 3.0                   | 6                      | 8                   | 57                   |
| EMB15040      | EMB40040 | RO.25~RO.38           | 4.0                   | 6                      | 11                  | 57                   |
| EMB15050      | EMB40050 | RO.25~RO.38           | 5.0                   | 6                      | 13                  | 57                   |
| EMB15060      | EMB40060 | RO.38~RO.51           | 6.0                   | 6                      | 13                  | 57                   |
| EMB15080      | EMB40080 | RO.38~RO.51           | 8.0                   | 8                      | 19                  | 63                   |
| EMB15100      | EMB40100 | RO.38~RO.51           | 10.0                  | 10                     | 22                  | 72                   |
| EMB15120      | EMB40120 | RO.64~RO.76           | 12.0                  | 12                     | 26                  | 83                   |
| EMB15140      | EMB40140 | RO.64~RO.76           | 14.0                  | 14                     | 26                  | 83                   |
| EMB15160      | EMB40160 | RO.89~R1.02           | 16.0                  | 16                     | 32                  | 92                   |
| EMB15180      | EMB40180 | RO.89~R1.02           | 18.0                  | 18                     | 32                  | 92                   |
| EMB15200      | EMB40200 | RO.89~R1.02           | 20.0                  | 20                     | 38                  | 104                  |
| EMB15250      | EMB40250 | RO.89~R1.02           | 25.0                  | 25                     | 38                  | 104                  |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-0.03                            | h6                              |

| 碳钢<br>Carbon Steels | 合金钢<br>Alloy Steels | 预硬钢<br>Prehardened Steels | 硬化钢<br>Hardened Steels | 高硬钢<br>High Hardened Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless Steels | 钛<br>Titanium | 镍钴铁合金<br>Inconel |
|---------------------|---------------------|---------------------------|------------------------|-----------------------------|-------------|----------------|-----------------|---------------|-------------------------|---------------|------------------|
| ~HB225              | HB225~325           | HRc30~40                  | HRc40~45 HRc45~55      | HRc55~70                    |             |                |                 |               |                         |               |                  |
| ◎                   | ○                   | ○                         |                        |                             |             |                |                 |               | ◎                       | ◎             | ○                |

CARBIDE

HSS


**V7 Mill INOX  
END MILLS**
**EMB74 SERIES**

PLAIN SHANK

**EMB75 SERIES**

FLAT SHANK

**硬质合金, 4刃 长刃 球头**
**CARBIDE, 4 FLUTE LONG LENGTH BALL NOSE**

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
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- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates


**MG  
HM**
**4**
**R  
±0.01**
**PLAIN**
**FLAT**


P.725

单位(Unit) : mm

| 型号<br>EDP No.   |                 | 球头半径<br>Radius of<br>Ball Nose | 刃部直径<br>Mill<br>Diameter | 柄部直径<br>Shank<br>Diameter | 刃长<br>Length<br>of Cut | 全长<br>Overall<br>Length |
|-----------------|-----------------|--------------------------------|--------------------------|---------------------------|------------------------|-------------------------|
| PLAIN           | FLAT            | R (±0.01)                      |                          | h6                        |                        |                         |
| <b>EMB74030</b> | <b>EMB75030</b> | R1.5                           | <b>3.0</b>               | 6                         | 8                      | 57                      |
| <b>EMB74040</b> | <b>EMB75040</b> | R2.0                           | <b>4.0</b>               | 6                         | 11                     | 57                      |
| <b>EMB74050</b> | <b>EMB75050</b> | R2.5                           | <b>5.0</b>               | 6                         | 13                     | 57                      |
| <b>EMB74060</b> | <b>EMB75060</b> | R3.0                           | <b>6.0</b>               | 6                         | 13                     | 57                      |
| <b>EMB74080</b> | <b>EMB75080</b> | R4.0                           | <b>8.0</b>               | 8                         | 19                     | 63                      |
| <b>EMB74100</b> | <b>EMB75100</b> | R5.0                           | <b>10.0</b>              | 10                        | 22                     | 72                      |
| <b>EMB74120</b> | <b>EMB75120</b> | R6.0                           | <b>12.0</b>              | 12                        | 26                     | 83                      |
| <b>EMB74160</b> | <b>EMB75160</b> | R8.0                           | <b>16.0</b>              | 16                        | 32                     | 92                      |
| <b>EMB74200</b> | <b>EMB75200</b> | R10.0                          | <b>20.0</b>              | 20                        | 38                     | 104                     |
| <b>EMB74250</b> | <b>EMB75250</b> | R12.5                          | <b>25.0</b>              | 25                        | 38                     | 104                     |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-0.03                            | h6                              |

◎ : 优(Excellent) ○ : 良(Good)

| 碳钢<br>Carbon<br>Steels | 合金钢<br>Alloy<br>Steels | 预硬钢<br>Prehardened<br>Steels | 硬化钢<br>Hardened Steels |          | 高硬钢<br>High Hardened<br>Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless<br>Steels | 钛<br>Titanium | 镍铬铁合金<br>Inconel |
|------------------------|------------------------|------------------------------|------------------------|----------|--------------------------------|-------------|----------------|-----------------|---------------|----------------------------|---------------|------------------|
| ~HB225                 | HB225~325              | HRc30~40                     | HRc40~45               | HRc45~55 | HRc55~70                       |             |                |                 |               |                            |               |                  |
| ◎                      | ○                      | ○                            |                        |          |                                |             |                |                 |               | ◎                          | ◎             | ○                |

CBN  
END MILLSi-Xmill  
END MILLSX5070  
END MILLSX-POWER  
END MILLSJET-POWER  
END MILLSV7 Mill INOX  
END MILLSV7 Mill STEEL  
END MILLSALU-POWER  
END MILLS

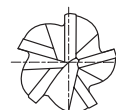
CRX S

D-POWER  
END MILLSK-2 CARBIDE  
END MILLSGENERAL  
CARBIDE  
END MILLSTANK-POWER  
END MILLSGENERAL  
HSS  
END MILLSMILLING  
CUTTERSTECHNICAL  
DATA

**硬质合金, 5刃 长刃**  
**CARBIDE, 5 FLUTE LONG LENGTH**

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
- ▶ Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under H Rc 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates



| 单位(Unit) : mm |          |               |                |               |                |
|---------------|----------|---------------|----------------|---------------|----------------|
| 型号            |          | 刃部直径          | 柄部直径           | 刃长            | 全长             |
| EDP No.       |          | Mill Diameter | Shank Diameter | Length of Cut | Overall Length |
| PLAIN         | FLAT     |               | h6             |               |                |
| EMB72060      | EMB73060 | 6.0           | 6              | 13            | 57             |
| EMB72080      | EMB73080 | 8.0           | 8              | 19            | 63             |
| EMB72100      | EMB73100 | 10.0          | 10             | 22            | 72             |
| EMB72120      | EMB73120 | 12.0          | 12             | 26            | 83             |
| EMB72140      | EMB73140 | 14.0          | 14             | 26            | 83             |
| EMB72160      | EMB73160 | 16.0          | 16             | 32            | 92             |
| EMB72180      | EMB73180 | 18.0          | 18             | 32            | 92             |
| EMB72200      | EMB73200 | 20.0          | 20             | 38            | 104            |
| EMB72250      | EMB73250 | 25.0          | 25             | 38            | 104            |

| 刃部公差                       | 柄部公差                    |
|----------------------------|-------------------------|
| Mill Dia.<br>Tolerance(mm) | Shank Dia.<br>Tolerance |
| 0~-0.03                    | h6                      |

| 碳钢            | 合金钢          | 预硬钢                | 硬化钢               | 高硬钢                  | 铜      | 石墨       | 铸铁        | 铝        | 不锈钢              | 钛        | 镍钛合金    |
|---------------|--------------|--------------------|-------------------|----------------------|--------|----------|-----------|----------|------------------|----------|---------|
| Carbon Steels | Alloy Steels | Prehardened Steels | Hardened Steels   | High Hardened Steels | Copper | Graphite | Cast Iron | Aluminum | Stainless Steels | Titanium | Inconel |
| ~HB225        | HB225~325    | HRc30~40           | HRc40~45 HRc45~55 | HRc55~70             |        |          |           |          |                  |          |         |
| ◎             | ○            | ○                  |                   |                      |        |          |           |          | ◎                | ◎        | ○       |

CARBIDE

HSS


**V7 Mill INOX  
END MILLS**
**EMB12 SERIES**

PLAIN SHANK

**EMB37 SERIES**

FLAT SHANK

**硬质合金, 4刃 普通刃**
**CARBIDE, 4 FLUTE REGULAR LENGTH**

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
- ▶ Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under H Rc 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates


**MG  
HM**
**4**
**PLAIN**
**FLAT**


P.724

单位(Unit) : inch

| 型号<br>EDP No. |          | 刃部直径<br>Mill Diameter | 柄部直径<br>Shank Diameter<br>h6 | 刃长<br>Length of Cut | 全长<br>Overall Length |
|---------------|----------|-----------------------|------------------------------|---------------------|----------------------|
| PLAIN         | FLAT     |                       |                              |                     |                      |
| EMB12008      | -        | 1/8                   | 1/8                          | 3/8                 | 1-1/2                |
| EMB12010      | -        | 5/32                  | 3/16                         | 7/16                | 2                    |
| EMB12012      | -        | 3/16                  | 3/16                         | 7/16                | 2                    |
| EMB12014      | -        | 7/32                  | 1/4                          | 7/16                | 2-1/2                |
| EMB12016      | -        | 1/4                   | 1/4                          | 1/2                 | 2-1/2                |
| EMB12018      | -        | 9/32                  | 5/16                         | 5/8                 | 2-1/2                |
| EMB12020      | -        | 5/16                  | 5/16                         | 13/16               | 2-1/2                |
| EMB12022      | EMB37022 | 11/32                 | 3/8                          | 13/16               | 2-1/2                |
| EMB12024      | EMB37024 | 3/8                   | 3/8                          | 7/8                 | 2-1/2                |
| EMB12026      | EMB37026 | 13/32                 | 7/16                         | 15/16               | 2-3/4                |
| EMB12028      | EMB37028 | 7/16                  | 7/16                         | 1                   | 2-3/4                |
| EMB12030      | EMB37030 | 15/32                 | 1/2                          | 1                   | 3                    |
| EMB12032      | EMB37032 | 1/2                   | 1/2                          | 1                   | 3                    |
| EMB12036      | EMB37036 | 9/16                  | 9/16                         | 1-1/8               | 3-1/2                |
| EMB12040      | EMB37040 | 5/8                   | 5/8                          | 1-1/4               | 3-1/2                |
| EMB12048      | EMB37048 | 3/4                   | 3/4                          | 1-1/2               | 4                    |
| EMB12064      | EMB37064 | 1                     | 1                            | 1-1/2               | 4                    |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-.0012                           | h6                              |

◎ : 优(Excellent) ○ : 良(Good)

| 碳钢<br>Carbon Steels | 合金钢<br>Alloy Steels | 预硬钢<br>Prehardened Steels | 硬化钢<br>Hardened Steels |          | 高硬钢<br>High Hardened Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless Steels | 钛<br>Titanium | 镍铬铁合金<br>Inconel |
|---------------------|---------------------|---------------------------|------------------------|----------|-----------------------------|-------------|----------------|-----------------|---------------|-------------------------|---------------|------------------|
| ~HB225              | HB225~325           | HRc30~40                  | HRc40~45               | HRc45~55 | HRc55~70                    |             |                |                 |               |                         |               |                  |
| ◎                   | ○                   | ○                         |                        |          |                             |             |                |                 |               | ◎                       | ◎             | ○                |

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YG-1 CO., LTD.

# 硬质合金, 4刃 普通刃 圆鼻铣刀 CARBIDE, 4 FLUTE REGULAR LENGTH CORNER RADIUS

- 特殊的沟槽几何形状可以消除振动
- 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- 卓越的工件的表面粗糙度
- 高速度, 较深切削和材料切除率

- Special flute geometry eliminates vibrations.
- Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under H Rc 40
- Excellent work piece finishes
- Higher speeds, deeper cuts and metal removal rates



| 型号<br>EDP No. |          | 圆弧半径<br>Corner Radius | 刃部直径<br>Mill Diameter | 柄部直径<br>Shank Diameter | 刃长<br>Length of Cut | 全长<br>Overall Length |
|---------------|----------|-----------------------|-----------------------|------------------------|---------------------|----------------------|
| PLAIN         | FLAT     | R                     |                       | h6                     |                     |                      |
| EMB13008      | -        | R.010~R.015           | 1/8                   | 1/8                    | 3/8                 | 1-1/2                |
| EMB13012      | -        | R.010~R.015           | 3/16                  | 3/16                   | 7/16                | 2                    |
| EMB13016      | -        | R.015~R.020           | 1/4                   | 1/4                    | 1/2                 | 2-1/2                |
| EMB13020      | -        | R.015~R.020           | 5/16                  | 5/16                   | 13/16               | 2-1/2                |
| EMB13024      | EMB38024 | R.015~R.020           | 3/8                   | 3/8                    | 7/8                 | 2-1/2                |
| EMB13028      | EMB38028 | R.015~R.020           | 7/16                  | 7/16                   | 1                   | 2-3/4                |
| EMB13032      | EMB38032 | R.025~R.030           | 1/2                   | 1/2                    | 1                   | 3                    |
| EMB13036      | EMB38036 | R.025~R.030           | 9/16                  | 9/16                   | 1-1/8               | 3-1/2                |
| EMB13040      | EMB38040 | R.035~R.040           | 5/8                   | 5/8                    | 1-1/4               | 3-1/2                |
| EMB13048      | EMB38048 | R.035~R.040           | 3/4                   | 3/4                    | 1-1/2               | 4                    |
| EMB13064      | EMB38064 | R.035~R.040           | 1                     | 1                      | 1-1/2               | 4                    |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-.0012                           | h6                              |

| 碳钢<br>Carbon Steels | 合金钢<br>Alloy Steels | 预硬钢<br>Prehardened Steels | 硬化钢<br>Hardened Steels | 高硬钢<br>High Hardened Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless Steels | 钛<br>Titanium | 镍钴铁合金<br>Inconel |
|---------------------|---------------------|---------------------------|------------------------|-----------------------------|-------------|----------------|-----------------|---------------|-------------------------|---------------|------------------|
| ~HB225              | HB225~325           | HRC30~40                  | HRc40~45 HRc45~55      | HRC55~70                    |             |                |                 |               |                         |               |                  |
| ◎                   | ○                   | ○                         |                        |                             |             |                |                 |               | ◎                       | ◎             | ○                |

CARBIDE

HSS


**V7 Mill INOX  
END MILLS**
**EMB78 SERIES**

PLAIN SHANK

**EMB79 SERIES**

FLAT SHANK

**硬质合金, 4刃 普通刃 球头**
**CARBIDE, 4 FLUTE REGULAR LENGTH BALL NOSE**

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
- ▶ 高速度, 较深切削和材料切除率

- ▶ Special flute geometry eliminates vibrations.
- ▶ Designed to mild steels, stainless steels, cast iron, tool steels, titanium alloys, prehardened steels and low hardness materials under HRC 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates


**MG  
HM**
**4**
**R**  
±.0004"

**PLAIN**
**FLAT**


P.725

单位(Unit) : inch

| 型号<br>EDP No.   |                 | 球头半径<br>Radius of<br>Ball Nose | 刃部直径<br>Mill<br>Diameter | 柄部直径<br>Shank<br>Diameter | 刃长<br>Length<br>of Cut | 全长<br>Overall<br>Length |
|-----------------|-----------------|--------------------------------|--------------------------|---------------------------|------------------------|-------------------------|
| PLAIN           | FLAT            | R (±.0004)                     |                          | h6                        |                        |                         |
| <b>EMB78008</b> | -               | R1/16                          | <b>1/8</b>               | 1/8                       | 3/8                    | 1-1/2                   |
| <b>EMB78010</b> | -               | R5/64                          | <b>5/32</b>              | 3/16                      | 7/16                   | 2                       |
| <b>EMB78012</b> | -               | R3/32                          | <b>3/16</b>              | 3/16                      | 7/16                   | 2                       |
| <b>EMB78016</b> | -               | R1/8                           | <b>1/4</b>               | 1/4                       | 1/2                    | 2-1/2                   |
| <b>EMB78020</b> | -               | R5/32                          | <b>5/16</b>              | 5/16                      | 13/16                  | 2-1/2                   |
| <b>EMB78024</b> | <b>EMB79024</b> | R3/16                          | <b>3/8</b>               | 3/8                       | 7/8                    | 2-1/2                   |
| <b>EMB78032</b> | <b>EMB79032</b> | R1/4                           | <b>1/2</b>               | 1/2                       | 1                      | 3                       |
| <b>EMB78040</b> | <b>EMB79040</b> | R5/16                          | <b>5/8</b>               | 5/8                       | 1-1/4                  | 3-1/2                   |
| <b>EMB78048</b> | <b>EMB79048</b> | R3/8                           | <b>3/4</b>               | 3/4                       | 1-1/2                  | 4                       |
| <b>EMB78064</b> | <b>EMB79064</b> | R1/2                           | <b>1</b>                 | 1                         | 1-1/2                  | 4                       |

| 刃部公差<br>Mill Dia.<br>Tolerance(mm) | 柄部公差<br>Shank Dia.<br>Tolerance |
|------------------------------------|---------------------------------|
| 0~-.0012                           | h6                              |

◎ : 优(Excellent) ○ : 良(Good)

| 碳钢<br>Carbon<br>Steels | 合金钢<br>Alloy<br>Steels | 预硬钢<br>Prehardened<br>Steels | 硬化钢<br>Hardened Steels |          | 高硬钢<br>High Hardened<br>Steels | 铜<br>Copper | 石墨<br>Graphite | 铸铁<br>Cast Iron | 铝<br>Aluminum | 不锈钢<br>Stainless<br>Steels | 钛<br>Titanium | 镍铬铁合金<br>Inconel |
|------------------------|------------------------|------------------------------|------------------------|----------|--------------------------------|-------------|----------------|-----------------|---------------|----------------------------|---------------|------------------|
| ~HB225                 | HB225~325              | HRc30~40                     | HRc40~45               | HRc45~55 | HRc55~70                       |             |                |                 |               |                            |               |                  |
| ◎                      | ○                      | ○                            |                        |          |                                |             |                |                 |               | ◎                          | ◎             | ○                |

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CBN  
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D-POWER  
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END MILLSGENERAL  
CARBIDE  
END MILLSTANK-POWER  
END MILLSGENERAL  
HSS  
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CUTTERSTECHNICAL  
DATA

**硬质合金, 5刃 普通刃**  
**CARBIDE, 5 FLUTE REGULAR LENGTH**

- ▶ 特殊的沟槽几何形状可以消除振动
- ▶ 设计用于加工低碳钢, 不锈钢, 铸铁, 工具钢, 钛合金, 预硬钢和硬度在H Rc40以下的低硬化钢
- ▶ 卓越的工件的表面粗糙度
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- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates



| 单位(Unit) : inch |          |               |                |               |                |
|-----------------|----------|---------------|----------------|---------------|----------------|
| 型号              |          | 刃部直径          | 柄部直径           | 刃长            | 全长             |
| EDP No.         |          | Mill Diameter | Shank Diameter | Length of Cut | Overall Length |
| PLAIN           | FLAT     |               | h6             |               |                |
| EMB76016        | -        | 1/4           | 1/4            | 1/2           | 2-1/2          |
| EMB76020        | -        | 5/16          | 5/16           | 13/16         | 2-1/2          |
| EMB76024        | EMB77024 | 3/8           | 3/8            | 7/8           | 2-1/2          |
| EMB76032        | EMB77032 | 1/2           | 1/2            | 1             | 3              |
| EMB76036        | EMB77036 | 9/16          | 9/16           | 1-1/8         | 3-1/2          |
| EMB76040        | EMB77040 | 5/8           | 5/8            | 1-1/4         | 3-1/2          |
| EMB76048        | EMB77048 | 3/4           | 3/4            | 1-1/2         | 4              |
| EMB76064        | EMB77064 | 1             | 1              | 1-1/2         | 4              |

单位(Unit) : inch

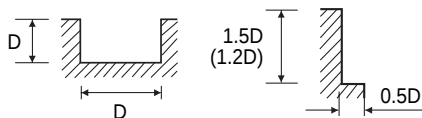
| 刃部公差                    | 柄部公差                 |
|-------------------------|----------------------|
| Mill Dia. Tolerance(mm) | Shank Dia. Tolerance |
| 0~-.0012                | h6                   |

| 碳钢            | 合金钢          | 预硬钢                | 硬化钢             |          | 高硬钢                  | 铜      | 石墨       | 铸铁        | 铝        | 不锈钢              | 钛        | 镍钛合金    |
|---------------|--------------|--------------------|-----------------|----------|----------------------|--------|----------|-----------|----------|------------------|----------|---------|
| Carbon Steels | Alloy Steels | Prehardened Steels | Hardened Steels |          | High Hardened Steels | Copper | Graphite | Cast Iron | Aluminum | Stainless Steels | Titanium | Inconel |
| ~HB225        | HB225~325    | HRc30~40           | HRc40~45        | HRc45~55 | HRc55~70             |        |          |           |          |                  |          |         |
| ◎             | ○            | ○                  |                 |          |                      |        |          |           |          | ◎                | ◎        | ○       |

◎ : 优(Excellent) ○ : 良(Good)

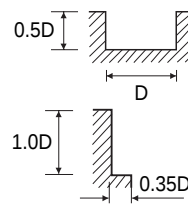

**硬质合金, 4刃**
**CARBIDE, 4 FLUTE**
**EMB41, EMB42, EMB43, EMB44, EMB14, EMB39, EMB15, EMB40, EMB12, EMB37, EMB13, EMB38 SERIES**

| 材质       | 合金钢, 铸铁                   |      | 不锈钢, 300SERIES                |      | 不锈钢, 400SERIES                |      | 钛        |      | 镍铬铁合金   |      |
|----------|---------------------------|------|-------------------------------|------|-------------------------------|------|----------|------|---------|------|
| MATERIAL | ALLOY STEELS<br>CAST IRON |      | STAINLESS STEELS<br>300SERIES |      | STAINLESS STEELS<br>400SERIES |      | TITANIUM |      | INCONEL |      |
| HARDNESS | ~HB 230                   |      |                               |      |                               |      |          |      |         |      |
| STRENGTH | ~1000N/mm <sup>2</sup>    |      |                               |      |                               |      |          |      |         |      |
| DIAMETER | RPM                       | FEED | RPM                           | FEED | RPM                           | FEED | RPM      | FEED | RPM     | FEED |
| 3.0      | 13475                     | 275  | 10185                         | 195  | 14260                         | 205  | 10185    | 205  | 2715    | 55   |
| 4.0      | 10105                     | 330  | 7600                          | 250  | 14260                         | 255  | 7600     | 255  | 2005    | 55   |
| 5.0      | 8085                      | 370  | 6110                          | 310  | 8655                          | 310  | 6110     | 310  | 1630    | 80   |
| 6.0      | 6735                      | 435  | 5095                          | 360  | 7130                          | 360  | 5095     | 360  | 1355    | 95   |
| 8.0      | 5050                      | 555  | 3820                          | 435  | 5345                          | 465  | 3280     | 465  | 1015    | 125  |
| 10.0     | 4455                      | 690  | 3055                          | 590  | 4275                          | 585  | 3055     | 585  | 815     | 155  |
| 12.0     | 3710                      | 695  | 2545                          | 565  | 3565                          | 565  | 2545     | 565  | 675     | 150  |
| 14.0     | 3180                      | 620  | 2180                          | 520  | 3055                          | 520  | 2180     | 520  | 580     | 140  |
| 16.0     | 2785                      | 590  | 1910                          | 480  | 2670                          | 480  | 1910     | 480  | 505     | 130  |
| 18.0     | 2475                      | 585  | 1695                          | 475  | 2375                          | 475  | 1695     | 475  | 450     | 125  |
| 20.0     | 2225                      | 580  | 1525                          | 470  | 2140                          | 470  | 1525     | 470  | 405     | 125  |
| 25.0     | 1780                      | 450  | 1215                          | 380  | 1710                          | 380  | 1215     | 380  | 320     | 110  |



1.2D 轴向切削深度应该使用在刃径超过8mm的短刃系列

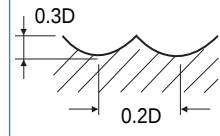
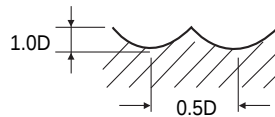
1.2 x D Axial cutting depth should be applied for Short length series DIA over 8mm



RPM = rev./min. (转速/分钟)  
FEED = mm/min. (进给量)

**硬质合金, 4刃 球头  
CARBIDE, 4 FLUTE BALL NOSE**
**EMB74, EMB75, EMB78, EMB79 SERIES**

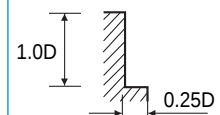
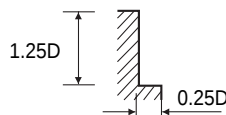
| 材质           | 合金钢, 铸铁                   |      | 不锈钢, 300SERIES                |      | 不锈钢, 400SERIES                |      | 钛        |      | 铬镍铁合金   |      |
|--------------|---------------------------|------|-------------------------------|------|-------------------------------|------|----------|------|---------|------|
| MATERIAL     | ALLOY STEELS<br>CAST IRON |      | STAINLESS STEELS<br>300SERIES |      | STAINLESS STEELS<br>400SERIES |      | TITANIUM |      | INCONEL |      |
| HARDNESS     | ~HB 230                   |      |                               |      |                               |      |          |      |         |      |
| STRENGTH     | ~1000N/mm <sup>2</sup>    |      |                               |      |                               |      |          |      |         |      |
| DIAMETER     | RPM                       | FEED | RPM                           | FEED | RPM                           | FEED | RPM      | FEED | RPM     | FEED |
| R1.5 × 3.0   | 14324                     | 1430 | 8220                          | 650  | 7420                          | 440  | 5830     | 280  | 3180    | 140  |
| R2.0 × 4.0   | 10740                     | 1070 | 6160                          | 490  | 5570                          | 330  | 4370     | 210  | 2380    | 100  |
| R2.5 × 5.0   | 8590                      | 1030 | 4930                          | 490  | 4450                          | 440  | 3500     | 210  | 1910    | 80   |
| R3.0 × 6.0   | 7460                      | 1140 | 4110                          | 670  | 3710                          | 440  | 2910     | 230  | 1590    | 100  |
| R4.0 × 8.0   | 5370                      | 1280 | 3080                          | 550  | 2780                          | 440  | 2180     | 260  | 1190    | 120  |
| R5.0 × 10.0  | 4290                      | 1030 | 2460                          | 490  | 2220                          | 400  | 1750     | 210  | 950     | 100  |
| R6.0 × 12.0  | 3580                      | 1000 | 2050                          | 450  | 1850                          | 370  | 1450     | 230  | 790     | 120  |
| R8.0 × 16.0  | 2680                      | 800  | 1540                          | 370  | 1390                          | 300  | 1090     | 190  | 590     | 110  |
| R9.0 × 18.0  | 2380                      | 760  | 1370                          | 350  | 1230                          | 290  | 970      | 190  | 530     | 110  |
| R10.0 × 20.0 | 2140                      | 770  | 1230                          | 320  | 1110                          | 260  | 870      | 210  | 470     | 100  |
| R12.5 × 25.0 | 1710                      | 680  | 980                           | 270  | 890                           | 210  | 700      | 190  | 380     | 80   |



RPM = rev./min. (转速/分钟)  
FEED = mm/min. (进给量)

**硬质合金, 5刃  
CARBIDE, 5 FLUTE**
**EMB72, EMB73, EMB76, EMB77 SERIES**

| 材质       | 合金钢, 铸铁                   |      | 不锈钢, 300SERIES                |      | 不锈钢, 400SERIES                |      | 钛        |      | 铬镍铁合金   |      |
|----------|---------------------------|------|-------------------------------|------|-------------------------------|------|----------|------|---------|------|
| MATERIAL | ALLOY STEELS<br>CAST IRON |      | STAINLESS STEELS<br>300SERIES |      | STAINLESS STEELS<br>400SERIES |      | TITANIUM |      | INCONEL |      |
| HARDNESS | ~HB 230                   |      |                               |      |                               |      |          |      |         |      |
| STRENGTH | ~1000N/mm <sup>2</sup>    |      |                               |      |                               |      |          |      |         |      |
| DIAMETER | RPM                       | FEED | RPM                           | FEED | RPM                           | FEED | RPM      | FEED | RPM     | FEED |
| 6.0      | 7270                      | 1240 | 6060                          | 920  | 5660                          | 860  | 4440     | 670  | 1450    | 120  |
| 8.0      | 5450                      | 1040 | 4540                          | 720  | 4240                          | 670  | 3330     | 520  | 1090    | 110  |
| 10.0     | 4360                      | 1100 | 3630                          | 690  | 3390                          | 640  | 2660     | 500  | 870     | 110  |
| 12.0     | 3630                      | 1150 | 3030                          | 960  | 3830                          | 820  | 2220     | 560  | 720     | 130  |
| 14.0     | 3110                      | 1080 | 2600                          | 850  | 2420                          | 770  | 1900     | 540  | 620     | 140  |
| 16.0     | 2720                      | 1040 | 2270                          | 780  | 2120                          | 720  | 1660     | 520  | 540     | 130  |
| 18.0     | 2420                      | 1000 | 2020                          | 710  | 1880                          | 670  | 1480     | 510  | 480     | 130  |
| 20.0     | 2180                      | 970  | 1810                          | 690  | 1690                          | 640  | 1330     | 500  | 430     | 130  |
| 25.0     | 1740                      | 880  | 1450                          | 640  | 1350                          | 600  | 1060     | 470  | 340     | 130  |



RPM = rev./min. (转速/分钟)  
FEED = mm/min. (进给量)

CBN  
END MILLSi-Xmill  
END MILLSX5070  
END MILLSX-POWER  
END MILLSJET-POWER  
END MILLSV7 Mill INOX  
END MILLSV7 Mill STEEL  
END MILLSALU-POWER  
END MILLS

CRX S

D-POWER  
END MILLSK-2 CARBIDE  
END MILLSGENERAL  
CARBIDE  
END MILLSTANK-POWER  
END MILLSGENERAL  
HSS  
END MILLSMILLING  
CUTTERSTECHNICAL  
DATA



## YG-1 Leads the World Market.