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| | 超微粒碳化鎢斜度銑刀 | 標準型二刃 | P 44~P 46 |
| | 超微粒碳化鎢斜度銑刀 | 長刃型二刃 | P 47 |
| | 超微粒鋁合金專用端銑刀 | 標準型二刃 | P 48 |
| | 超微粒鋁合金專用端銑刀 | 標準型三刃 | P 48 |
| | 超微粒鋁合金專用端銑刀 | 標準型單刃 | P 48 |
| | 超微粒碳化鎢圓角銑刀 | 標準型二刃 | P 49 |
| | 超微粒碳化鎢圓角銑刀 | 標準型四刃 | P 50 |
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| | 超微粒碳化物nc/cnc定點鑽90度 | | P 53 |
| | 超微粒碳化物nc/cnc定點鑽120度 | | P 53 |



SAM Micro Grain Carbide

SAM超微粒碳化鎢系列

Micro Grain Carbide **SAM**



特點:

1. 適用於一般模具、機械零件加工。
2. 粗加工、精加工兼具之切削刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to both rough machining and finishing.
3. Optimized performance by the use of water-soluble cutting fluid.

EMBA

MG

TALIN

35°

HRC 48°

Oil

Oil

Oil

Oil

端銼刀-標準型二刃

Standard End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBA204010 | 1.0 | 4.0 | 2.5 | 50 |
| EMBA204015 | 1.5 | 4.0 | 4 | 50 |
| EMBA204020 | 2.0 | 4.0 | 5 | 50 |
| EMBA204025 | 2.5 | 4.0 | 6 | 50 |
| EMBA204030 | 3.0 | 3.0 | 8 | 50 |
| EMBA203030 | 3.0 | 4.0 | 8 | 50 |
| EMBA204035 | 3.5 | 4.0 | 9 | 50 |
| EMBA204040 | 4.0 | 4.0 | 10 | 50 |
| EMBA206010 | 1.0 | 6.0 | 2.5 | 50 |
| EMBA206015 | 1.5 | 6.0 | 4 | 50 |
| EMBA206020 | 2.0 | 6.0 | 5 | 50 |
| EMBA206025 | 2.5 | 6.0 | 6 | 50 |
| EMBA206030 | 3.0 | 6.0 | 8 | 50 |
| EMBA206035 | 3.5 | 6.0 | 9 | 50 |
| EMBA206040 | 4.0 | 6.0 | 10 | 50 |
| EMBA206045 | 4.5 | 6.0 | 11 | 50 |
| EMBA206050 | 5.0 | 6.0 | 13 | 50 |
| EMBA206055 | 5.5 | 6.0 | 14 | 50 |
| EMBA206060 | 6.0 | 6.0 | 15 | 50 |



EMBA

MG

TiAlN

35°

HRC
48°

OIL



端銼刀-標準型二刃

Standard End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBA208065 | 6.5 | 8.0 | 18 | 60 |
| EMBA208070 | 7.0 | 8.0 | 18 | 60 |
| EMBA208075 | 7.5 | 8.0 | 20 | 60 |
| EMBA208080 | 8.0 | 8.0 | 20 | 60 |
| EMBA210085 | 8.5 | 10.0 | 20 | 75 |
| EMBA210090 | 9.0 | 10.0 | 22 | 75 |
| EMBA210095 | 9.5 | 10.0 | 22 | 75 |
| EMBA210100 | 10.0 | 10.0 | 25 | 75 |
| EMBA212105 | 10.5 | 12.0 | 25 | 75 |
| EMBA212110 | 11.0 | 12.0 | 25 | 75 |
| EMBA212120 | 12.0 | 12.0 | 30 | 75 |
| EMBA216130 | 13.0 | 16.0 | 35 | 100 |
| EMBA216140 | 14.0 | 16.0 | 35 | 100 |
| EMBA216150 | 15.0 | 16.0 | 40 | 100 |
| EMBA216160 | 16.0 | 16.0 | 40 | 100 |
| EMBA220180 | 18.0 | 20.0 | 40 | 100 |
| EMBA220200 | 20.0 | 20.0 | 40 | 100 |
| EMBA225220 | 22.0 | 25.0 | 40 | 100 |
| EMBA225250 | 25.0 | 25.0 | 40 | 100 |

特點:

1. 適用於一般模具、機械零件加工。
2. 粗加工、精加工兼具之切削刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to both rough machining and finishing.
3. Optimized performance by the use of water-soluble cutting fluid.



EMBA

MG

TiAlN

35°

HRC
48°

OIL



端銑刀-標準型四刃

Standard End Mills - 4 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBA404010 | 1.0 | 4.0 | 2.5 | 50 |
| EMBA404015 | 1.5 | 4.0 | 4 | 50 |
| EMBA404020 | 2.0 | 4.0 | 5 | 50 |
| EMBA404025 | 2.5 | 4.0 | 6 | 50 |
| EMBA404030 | 3.0 | 3.0 | 8 | 50 |
| EMBA403030 | 3.0 | 4.0 | 8 | 50 |
| EMBA404035 | 3.5 | 4.0 | 9 | 50 |
| EMBA404040 | 4.0 | 4.0 | 10 | 50 |
| EMBA206010 | 1.0 | 6.0 | 2.5 | 50 |
| EMBA206015 | 1.5 | 6.0 | 4 | 50 |
| EMBA406020 | 2.0 | 6.0 | 5 | 50 |
| EMBA406025 | 2.5 | 6.0 | 6 | 50 |
| EMBA406030 | 3.0 | 6.0 | 8 | 50 |
| EMBA406035 | 3.5 | 6.0 | 9 | 50 |
| EMBA406040 | 4.0 | 6.0 | 10 | 50 |
| EMBA406045 | 4.5 | 6.0 | 11 | 50 |
| EMBA406050 | 5.0 | 6.0 | 13 | 50 |
| EMBA406055 | 5.5 | 6.0 | 14 | 50 |
| EMBA406060 | 6.0 | 6.0 | 15 | 50 |
| EMBA408065 | 6.5 | 8.0 | 18 | 60 |
| EMBA408070 | 7.0 | 8.0 | 18 | 60 |
| EMBA408075 | 7.5 | 8.0 | 20 | 60 |
| EMBA408080 | 8.0 | 8.0 | 20 | 60 |
| EMBA410085 | 8.5 | 10.0 | 20 | 75 |
| EMBA410090 | 9.0 | 10.0 | 22 | 75 |
| EMBA410095 | 9.5 | 10.0 | 22 | 75 |
| EMBA410100 | 10.0 | 10.0 | 25 | 75 |
| EMBA412105 | 10.5 | 12.0 | 25 | 75 |
| EMBA412110 | 11.0 | 12.0 | 25 | 75 |
| EMBA412120 | 12.0 | 12.0 | 30 | 75 |
| EMBA416130 | 13.0 | 16.0 | 35 | 100 |
| EMBA416140 | 14.0 | 16.0 | 35 | 100 |
| EMBA416150 | 15.0 | 16.0 | 40 | 100 |
| EMBA416160 | 16.0 | 16.0 | 40 | 100 |
| EMBA420180 | 18.0 | 20.0 | 40 | 100 |
| EMBA420200 | 20.0 | 20.0 | 40 | 100 |
| EMBA425220 | 22.0 | 25.0 | 40 | 100 |
| EMBA425250 | 25.0 | 25.0 | 40 | 100 |

特點:

1. 適用於一般模具、機械零件加工。
2. 粗加工、精加工兼具之切削刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to both rough machining and finishing.
3. Optimized performance by the use of water-soluble cutting fluid.



特點:

1. 適用於一般模具、機械零件加工。
2. 粗加工、精加工兼具之切削刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to both rough machining and finishing.
3. Optimized performance by the use of water-soluble cutting fluid.

EMBA

MG

TiAlN

3.5

HRC
48

OIL



端銑刀-小數點二刃

Fractional End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBA204011 | 1.1 | 4.0 | 4 | 50 |
| EMBA204012 | 1.2 | 4.0 | 4 | 50 |
| EMBA204013 | 1.3 | 4.0 | 4 | 50 |
| EMBA204014 | 1.4 | 4.0 | 4 | 50 |
| EMBA204016 | 1.6 | 4.0 | 6 | 50 |
| EMBA204017 | 1.7 | 4.0 | 6 | 50 |
| EMBA204018 | 1.8 | 4.0 | 6 | 50 |
| EMBA204019 | 1.9 | 4.0 | 6 | 50 |
| EMBA204021 | 2.1 | 4.0 | 8 | 50 |
| EMBA204022 | 2.2 | 4.0 | 8 | 50 |
| EMBA204023 | 2.3 | 4.0 | 8 | 50 |
| EMBA204024 | 2.4 | 4.0 | 8 | 50 |
| EMBA206026 | 2.6 | 6.0 | 10 | 50 |
| EMBA206027 | 2.7 | 6.0 | 10 | 50 |
| EMBA206028 | 2.8 | 6.0 | 10 | 50 |
| EMBA206029 | 2.9 | 6.0 | 10 | 50 |
| EMBA206031 | 3.1 | 6.0 | 10 | 50 |
| EMBA206032 | 3.2 | 6.0 | 10 | 50 |
| EMBA206033 | 3.3 | 6.0 | 10 | 50 |
| EMBA206034 | 3.4 | 6.0 | 10 | 50 |
| EMBA206036 | 3.6 | 6.0 | 12 | 50 |
| EMBA206037 | 3.7 | 6.0 | 12 | 50 |
| EMBA206038 | 3.8 | 6.0 | 12 | 50 |
| EMBA206039 | 3.9 | 6.0 | 12 | 50 |
| EMBA206041 | 4.1 | 6.0 | 12 | 50 |
| EMBA206042 | 4.2 | 6.0 | 12 | 50 |
| EMBA206043 | 4.3 | 6.0 | 12 | 50 |
| EMBA206044 | 4.4 | 6.0 | 12 | 50 |
| EMBA206046 | 4.6 | 6.0 | 15 | 50 |
| EMBA206047 | 4.7 | 6.0 | 15 | 50 |
| EMBA206048 | 4.8 | 6.0 | 15 | 50 |
| EMBA206049 | 4.9 | 6.0 | 15 | 50 |
| EMBA206051 | 5.1 | 6.0 | 15 | 50 |
| EMBA206052 | 5.2 | 6.0 | 15 | 50 |
| EMBA206053 | 5.3 | 6.0 | 15 | 50 |
| EMBA206054 | 5.4 | 6.0 | 15 | 50 |
| EMBA206056 | 5.6 | 6.0 | 15 | 50 |
| EMBA206057 | 5.7 | 6.0 | 15 | 50 |
| EMBA206058 | 5.8 | 6.0 | 15 | 50 |
| EMBA206059 | 5.9 | 6.0 | 15 | 50 |



EMBA

MG

TiAlN

35

HRC
48

OIL



端銼刀-小數點二刃

Fractional End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBA208061 | 6.1 | 8.0 | 18 | 60 |
| EMBA208062 | 6.2 | 8.0 | 18 | 60 |
| EMBA208063 | 6.3 | 8.0 | 18 | 60 |
| EMBA208064 | 6.4 | 8.0 | 18 | 60 |
| EMBA208066 | 6.6 | 8.0 | 18 | 60 |
| EMBA208067 | 6.7 | 8.0 | 18 | 60 |
| EMBA208068 | 6.8 | 8.0 | 18 | 60 |
| EMBA208069 | 6.9 | 8.0 | 18 | 60 |
| EMBA208071 | 7.1 | 8.0 | 18 | 60 |
| EMBA208072 | 7.2 | 8.0 | 18 | 60 |
| EMBA208073 | 7.3 | 8.0 | 18 | 60 |
| EMBA208074 | 7.4 | 8.0 | 18 | 60 |
| EMBA208076 | 7.6 | 8.0 | 18 | 60 |
| EMBA208077 | 7.7 | 8.0 | 18 | 60 |
| EMBA208078 | 7.8 | 8.0 | 18 | 60 |
| EMBA208079 | 7.9 | 8.0 | 18 | 60 |
| EMBA210081 | 8.1 | 10.0 | 22 | 75 |
| EMBA210082 | 8.2 | 10.0 | 22 | 75 |
| EMBA210083 | 8.3 | 10.0 | 22 | 75 |
| EMBA210084 | 8.4 | 10.0 | 22 | 75 |
| EMBA210086 | 8.6 | 10.0 | 22 | 75 |
| EMBA210087 | 8.7 | 10.0 | 22 | 75 |
| EMBA210088 | 8.8 | 10.0 | 22 | 75 |
| EMBA210089 | 8.9 | 10.0 | 22 | 75 |
| EMBA210091 | 9.1 | 10.0 | 22 | 75 |
| EMBA210092 | 9.2 | 10.0 | 22 | 75 |
| EMBA210093 | 9.3 | 10.0 | 22 | 75 |
| EMBA210094 | 9.4 | 10.0 | 22 | 75 |
| EMBA210096 | 9.6 | 10.0 | 22 | 75 |
| EMBA210097 | 9.7 | 10.0 | 22 | 75 |
| EMBA210098 | 9.8 | 10.0 | 22 | 75 |
| EMBA210099 | 9.9 | 10.0 | 22 | 75 |
| EMBA212101 | 10.1 | 12.0 | 25 | 75 |
| EMBA212102 | 10.2 | 12.0 | 25 | 75 |
| EMBA212103 | 10.3 | 12.0 | 25 | 75 |
| EMBA212104 | 10.4 | 12.0 | 25 | 75 |
| EMBA212106 | 10.6 | 12.0 | 25 | 75 |
| EMBA212107 | 10.7 | 12.0 | 25 | 75 |
| EMBA212108 | 10.8 | 12.0 | 25 | 75 |
| EMBA212109 | 10.9 | 12.0 | 25 | 75 |

特點:

1. 適用於一般模具、機械零件加工。
2. 粗加工、精加工兼具之切削刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to both rough machining and finishing.
3. Optimize performance by the use of water-soluble cutting fluid.



特點:

1. 適用於一般模具、機械零件加工。
2. 粗加工、精加工兼具之切削刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to both rough machining and finishing.
3. Optimize performance by the use of water-soluble cutting fluid.

EMBA

MG

TiAlN

35°

HRC 48°



端銼刀-小數點二刃

Fractional End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBA212111 | 11.1 | 12.0 | 25 | 75 |
| EMBA212112 | 11.2 | 12.0 | 25 | 75 |
| EMBA212113 | 11.3 | 12.0 | 25 | 75 |
| EMBA212114 | 11.4 | 12.0 | 25 | 75 |
| EMBA212116 | 11.6 | 12.0 | 25 | 75 |
| EMBA212117 | 11.7 | 12.0 | 25 | 75 |
| EMBA212118 | 11.8 | 12.0 | 25 | 75 |
| EMBA212119 | 11.9 | 12.0 | 25 | 75 |



特點:

1. 適用於一般模具、機械零件加工。
2. 粗加工，可大量移除材料，提高工作效率。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Capable of removing substantial material in rough machining, improving the efficiency.
3. Optimized performance by the use of water-soluble cutting fluid.

RFBA

MG

TiAlN

35°

HRC 48°



粗銼刀-細齒型四刃

Roughing End Mills - 4 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| RFBA406050 | 5.0 | 6.0 | 13.0 | 50 |
| RFBA406060 | 6.0 | 6.0 | 16.0 | 50 |
| RFBA408070 | 7.0 | 8.0 | 16.0 | 60 |
| RFBA408080 | 8.0 | 8.0 | 19.0 | 60 |
| RFBA410090 | 9.0 | 10.0 | 25.0 | 75 |
| RFBA410100 | 10.0 | 10.0 | 25.0 | 75 |
| RFBA412110 | 11.0 | 12.0 | 30.0 | 75 |
| RFBA412120 | 12.0 | 12.0 | 30.0 | 75 |
| RFBA416140 | 14.0 | 16.0 | 35.0 | 100 |
| RFBA416150 | 15.0 | 16.0 | 35.0 | 100 |
| RFBA416160 | 16.0 | 16.0 | 35.0 | 100 |
| RFBA420200 | 20.0 | 20.0 | 45.0 | 100 |


特點:

1. 適用於一般模具、機械零件加工。
2. 刃長為刃徑之5倍，適合側面大面積加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. The blade length is five times as the diameter, suitable for the processing of large lateral surface.
3. Optimized performance by the use of water-soluble cutting fluid.

EMBB

端銑刀-長刃型二刃
Ball Nose Long Flute End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBB206030 | 3.0 | 6.0 | 15 | 75 |
| EMBB206040 | 4.0 | 6.0 | 20 | 75 |
| EMBB206050 | 5.0 | 6.0 | 25 | 75 |
| EMBB206060 | 6.0 | 6.0 | 30 | 75 |
| EMBB208080 | 8.0 | 8.0 | 35 | 100 |
| EMBB210100 | 10.0 | 10.0 | 45 | 100 |
| EMBB212120 | 12.0 | 12.0 | 50 | 100 |
| EMBB216140 | 14.0 | 16.0 | 70 | 150 |
| EMBB216160 | 16.0 | 16.0 | 70 | 150 |
| EMBB220180 | 18.0 | 20.0 | 75 | 150 |
| EMBB220200 | 20.0 | 20.0 | 75 | 150 |
| EMBB225220 | 22.0 | 25.0 | 80 | 150 |
| EMBB225250 | 25.0 | 25.0 | 80 | 150 |


特點:

1. 適用於一般模具、機械零件加工。
2. 刃長為刃徑之5倍，適合側面大面積加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. The blade length is five times as the diameter, suitable for the processing of large lateral surface.
3. Optimized performance by the use of water-soluble cutting fluid.

EMBB

端銑刀-長刃型四刃
Ball Nose Long Flute End Mills - 4 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBB406030 | 3.0 | 6.0 | 15 | 75 |
| EMBB406040 | 4.0 | 6.0 | 20 | 75 |
| EMBB406050 | 5.0 | 6.0 | 25 | 75 |
| EMBB406060 | 6.0 | 6.0 | 30 | 75 |
| EMBB408080 | 8.0 | 8.0 | 35 | 100 |
| EMBB410100 | 10.0 | 10.0 | 45 | 100 |
| EMBB412120 | 12.0 | 12.0 | 50 | 100 |
| EMBB416140 | 14.0 | 16.0 | 70 | 150 |
| EMBB416160 | 16.0 | 16.0 | 70 | 150 |
| EMBB420180 | 18.0 | 20.0 | 75 | 150 |
| EMBB420200 | 20.0 | 20.0 | 75 | 150 |
| EMBB425220 | 22.0 | 25.0 | 80 | 150 |
| EMBB425250 | 25.0 | 25.0 | 80 | 150 |



特點:

1. 適用於一般模具、機械零件加工。
2. 全長加長，適用於深部位之加工刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Full-length extension, applicable to the processing of deep parts.
3. Optimized performance by the use of water-soluble cutting fluid.

EMBD



端銑刀-長柄型二刃

Ball Nose Long Shark End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBD206030 | 3.0 | 6.0 | 8 | 75 |
| EMBD204040 | 4.0 | 4.0 | 10 | 75 |
| EMBD206040 | 4.0 | 6.0 | 10 | 75 |
| EMBD206050 | 5.0 | 6.0 | 13 | 75 |
| EMBD206060 | 6.0 | 6.0 | 15 | 75 |
| EMBE206060 | 6.0 | 6.0 | 15 | 100 |
| EMBD208080 | 8.0 | 8.0 | 20 | 100 |
| EMBD210100 | 10.0 | 10.0 | 25 | 100 |
| EMBD212120 | 12.0 | 12.0 | 30 | 100 |
| EMBD216140 | 14.0 | 16.0 | 35 | 150 |
| EMBD216160 | 16.0 | 16.0 | 40 | 150 |
| EMBD220180 | 18.0 | 20.0 | 40 | 150 |
| EMBD220200 | 20.0 | 20.0 | 40 | 150 |
| EMBD225220 | 22.0 | 25.0 | 40 | 150 |
| EMBD225250 | 25.0 | 25.0 | 40 | 150 |



特點:

1. 適用於一般模具、機械零件加工。
2. 全長加長，適用於深部位之加工刀具。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Full-length extension, applicable to the processing of deep parts.
3. Optimized performance by the use of water-soluble cutting fluid.

EMBD



端銑刀-長柄型四刃

Ball Nose Long Shark End Mills - 4 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| EMBD406030 | 3.0 | 6.0 | 8 | 75 |
| EMBD404040 | 4.0 | 4.0 | 10 | 75 |
| EMBD406040 | 4.0 | 6.0 | 10 | 75 |
| EMBD406050 | 5.0 | 6.0 | 13 | 75 |
| EMBD406060 | 6.0 | 6.0 | 15 | 75 |
| EMBE406060 | 6.0 | 6.0 | 15 | 100 |
| EMBD408080 | 8.0 | 8.0 | 20 | 100 |
| EMBD410100 | 10.0 | 10.0 | 25 | 100 |
| EMBD412120 | 12.0 | 12.0 | 30 | 100 |
| EMBD416140 | 14.0 | 16.0 | 35 | 150 |
| EMBD416160 | 16.0 | 16.0 | 40 | 150 |
| EMBD420180 | 18.0 | 20.0 | 40 | 150 |
| EMBD420200 | 20.0 | 20.0 | 40 | 150 |
| EMBD425220 | 22.0 | 25.0 | 40 | 150 |
| EMBD425250 | 25.0 | 25.0 | 40 | 150 |



BNBA


球銑刀-標準型二刃
Ball Nose Standard End Mills - 2 Flute

| 產品編號 Code No | 球頭半徑 Radius | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|----------------|-----------|-------------|-------------|-------------|
| BNBA204010 | 0.5R | 1.0 | 4.0 | 2 | 50 |
| BNBA204015 | 0.75R | 1.5 | 4.0 | 3 | 50 |
| BNBA204020 | 1.0R | 2.0 | 4.0 | 4 | 50 |
| BNBA204025 | 1.25R | 2.5 | 4.0 | 5 | 50 |
| BNBA203030 | 1.5R | 3.0 | 3.0 | 6 | 50 |
| BNBA204030 | 1.5R | 3.0 | 4.0 | 6 | 50 |
| BNBA204040 | 2.0R | 4.0 | 4.0 | 8 | 50 |
| BNBA206010 | 0.5R | 1.0 | 6.0 | 2 | 50 |
| BNBA206015 | 0.75R | 1.5 | 6.0 | 3 | 50 |
| BNBA206020 | 1.0R | 2.0 | 6.0 | 4 | 50 |
| BNBA206025 | 1.25R | 2.5 | 6.0 | 5 | 50 |
| BNBA206030 | 1.5R | 3.0 | 6.0 | 6 | 50 |
| BNBA206040 | 2.0R | 4.0 | 6.0 | 8 | 50 |
| BNBA206050 | 2.5R | 5.0 | 6.0 | 10 | 50 |
| BNBA206060 | 3.0R | 6.0 | 6.0 | 12 | 50 |
| BNBA208070 | 3.5R | 7.0 | 8.0 | 14 | 60 |
| BNBA208080 | 4.0R | 8.0 | 8.0 | 16 | 60 |
| BNBA210100 | 5.0R | 10.0 | 10.0 | 20 | 75 |
| BNBA212120 | 6.0R | 12.0 | 12.0 | 24 | 75 |
| BNBA216160 | 8.0R | 16.0 | 16.0 | 32 | 100 |
| BNBA220200 | 10.0R | 20.0 | 20.0 | 40 | 100 |

特點:

1. 適用於一般模具、機械零件加工。
2. 從低轉速到高轉速進行3D精密加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. 3-D precise processing with the rotation speed from low to high.
3. Optimize performance by the use of water-soluble cutting fluid.



BNBA


球銑刀-標準型四刃
Ball Nose Standard End Mills - 4 Flute

| 產品編號 Code No | 球頭半徑 Radius | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|----------------|-----------|-------------|-------------|-------------|
| BNBA403030 | 1.5R | 3.0 | 3.0 | 6 | 50 |
| BNBA404030 | 1.5R | 3.0 | 4.0 | 6 | 50 |
| BNBA404040 | 2.0R | 4.0 | 4.0 | 8 | 50 |
| BNBA406030 | 1.5R | 3.0 | 6.0 | 6 | 50 |
| BNBA406040 | 2.0R | 4.0 | 6.0 | 8 | 50 |
| BNBA406050 | 2.5R | 5.0 | 6.0 | 10 | 50 |
| BNBA406060 | 3.0R | 6.0 | 6.0 | 12 | 50 |
| BNBA408070 | 3.5R | 7.0 | 8.0 | 14 | 60 |
| BNBA408080 | 4.0R | 8.0 | 8.0 | 16 | 60 |
| BNBA410100 | 5.0R | 10.0 | 10.0 | 20 | 75 |
| BNBA412120 | 6.0R | 12.0 | 12.0 | 24 | 75 |
| BNBA416160 | 8.0R | 16.0 | 16.0 | 32 | 100 |

特點:

1. 適用於一般模具、機械零件加工。
2. 從低轉速到高轉速進行3D精密加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. 3-D precise processing with the rotation speed from low to high.
3. Optimize performance by the use of water-soluble cutting fluid.



特點:

1. 適用於一般模具、機械零件加工。
2. 從低轉速到高轉速進行3D精密加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. 3-D precise processing with the rotation speed from low to high.
3. Optimized performance by the use of water-soluble cutting fluid.

BNBD

MG

TiAlN

35°

HRC 48°



OIL



球銑刀-長柄型二刃 Ball Nose Long Shark End Mills - 2 Flute

| 產品編號 Code No | 球頭半徑 Radius | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|----------------|-----------|-------------|-------------|-------------|
| BNBD206010 | 0.5R | 1.0 | 6.0 | 2 | 75 |
| BNBD206015 | 0.75R | 1.5 | 6.0 | 3 | 75 |
| BNBD206020 | 1.0R | 2.0 | 6.0 | 4 | 75 |
| BNBD206025 | 1.25R | 2.5 | 6.0 | 5 | 75 |
| BNBD206030 | 1.5R | 3.0 | 6.0 | 6 | 75 |
| BNBD204040 | 2.0R | 4.0 | 4.0 | 8 | 75 |
| BNBD206040 | 2.0R | 4.0 | 6.0 | 8 | 75 |
| BNBD206050 | 2.5R | 5.0 | 6.0 | 10 | 75 |
| BNBD206060 | 3.0R | 6.0 | 6.0 | 12 | 75 |
| BNBE206060 | 3.0R | 6.0 | 6.0 | 12 | 100 |
| BNBD208070 | 3.5R | 7.0 | 8.0 | 14 | 100 |
| BNBD208080 | 4.0R | 8.0 | 8.0 | 16 | 100 |
| BNBE208080 | 4.0R | 8.0 | 8.0 | 16 | 150 |
| BNBD210100 | 5.0R | 10.0 | 10.0 | 20 | 100 |
| BNBE210100 | 5.0R | 10.0 | 10.0 | 20 | 150 |
| BNBD212120 | 6.0R | 12.0 | 12.0 | 24 | 100 |
| BNBE212120 | 6.0R | 12.0 | 12.0 | 24 | 150 |
| BNBD216160 | 8.0R | 16.0 | 16.0 | 32 | 150 |
| BNBD220200 | 10.0R | 20.0 | 20.0 | 40 | 150 |
| BNBD225250 | 12.5R | 25.0 | 25.0 | 40 | 150 |



特點:

1. 適用於一般模具、機械零件加工。
2. 從低轉速到高轉速進行3D精密加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. 3-D precise processing with the rotation speed from low to high.
3. Optimized performance by the use of water-soluble cutting fluid.

BNBD

MG

TiAlN

35°

HRC 48°



OIL



球銑刀-長柄型四刃 Ball Nose Long Shark End Mills - 4 Flute

| 產品編號 Code No | 球頭半徑 Radius | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|----------------|-----------|-------------|-------------|-------------|
| BNBD406030 | 1.5R | 3.0 | 6.0 | 6 | 75 |
| BNBD404040 | 2.0R | 4.0 | 4.0 | 8 | 75 |
| BNBD406040 | 2.0R | 4.0 | 6.0 | 8 | 75 |
| BNBD406050 | 2.5R | 5.0 | 6.0 | 10 | 75 |
| BNBD406060 | 3.0R | 6.0 | 6.0 | 12 | 75 |
| BNBE406060 | 3.0R | 6.0 | 6.0 | 12 | 100 |
| BNBD408070 | 3.5R | 7.0 | 8.0 | 14 | 100 |
| BNBD408080 | 4.0R | 8.0 | 8.0 | 16 | 100 |
| BNBE408080 | 4.0R | 8.0 | 8.0 | 16 | 150 |
| BNBD410100 | 5.0R | 10.0 | 10.0 | 20 | 100 |
| BNBE410100 | 5.0R | 10.0 | 10.0 | 20 | 150 |
| BNBD412120 | 6.0R | 12.0 | 12.0 | 24 | 100 |
| BNBE412120 | 6.0R | 12.0 | 12.0 | 24 | 150 |
| BNBD416160 | 8.0R | 16.0 | 16.0 | 32 | 150 |
| BNBD420200 | 10.0R | 20.0 | 20.0 | 40 | 150 |
| BNBD425250 | 12.5R | 25.0 | 25.0 | 40 | 150 |


特點:

1. 適用於一般模具、機械零件加工。
2. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Optimize performance by the use of water-soluble cutting fluid.

HHBA


高螺旋端銑刀-標準型二刃 High Helix Long Flute End Mills - 3 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| HHBA206010 | 1.0 | 6.0 | 2.5 | 50 |
| HHBA206020 | 2.0 | 6.0 | 5 | 50 |
| HHBA206030 | 3.0 | 6.0 | 8 | 50 |
| HHBA206040 | 4.0 | 6.0 | 10 | 50 |
| HHBA206050 | 5.0 | 6.0 | 13 | 50 |
| HHBA206060 | 6.0 | 6.0 | 15 | 50 |
| HHBA208080 | 8.0 | 8.0 | 20 | 60 |
| HHBA210100 | 10.0 | 10.0 | 25 | 75 |
| HHBA212120 | 12.0 | 12.0 | 30 | 75 |
| HHBA216140 | 14.0 | 16.0 | 35 | 100 |
| HHBA216160 | 16.0 | 16.0 | 40 | 100 |
| HHBA220180 | 18.0 | 20.0 | 40 | 100 |
| HHBA220200 | 20.0 | 20.0 | 40 | 100 |
| HHBA225220 | 22.0 | 25.0 | 40 | 100 |
| HHBA225250 | 25.0 | 25.0 | 40 | 100 |


特點:

1. 適用於一般模具、機械零件加工。
2. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Optimize performance by the use of water-soluble cutting fluid.

HHBA


高螺旋端銑刀-標準型三刃 High Helix Long Flute End Mills - 3 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| HHBA306030 | 3.0 | 6.0 | 8 | 50 |
| HHBA306040 | 4.0 | 6.0 | 10 | 50 |
| HHBA306050 | 5.0 | 6.0 | 13 | 50 |
| HHBA306060 | 6.0 | 6.0 | 15 | 50 |
| HHBA308080 | 8.0 | 8.0 | 20 | 60 |
| HHBA310100 | 10.0 | 10.0 | 25 | 75 |
| HHBA312120 | 12.0 | 12.0 | 30 | 75 |
| HHBA316140 | 14.0 | 16.0 | 35 | 100 |
| HHBA316160 | 16.0 | 16.0 | 40 | 100 |
| HHBA320180 | 18.0 | 20.0 | 40 | 100 |
| HHBA320200 | 20.0 | 20.0 | 40 | 100 |
| HHBA325220 | 22.0 | 25.0 | 40 | 100 |
| HHBA325250 | 25.0 | 25.0 | 40 | 100 |



HHBB

MG

TiAlN

35°

HRC 48



OIL



高螺旋端銑刀-長刃型二刃 High Helix Long Flute End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| HHBB206030 | 3.0 | 6.0 | 15 | 75 |
| HHBB206040 | 4.0 | 6.0 | 20 | 75 |
| HHBB206050 | 5.0 | 6.0 | 25 | 75 |
| HHBB206060 | 6.0 | 6.0 | 30 | 75 |
| HHBB208080 | 8.0 | 8.0 | 35 | 100 |
| HHBB210100 | 10.0 | 10.0 | 45 | 100 |
| HHBB212120 | 12.0 | 12.0 | 50 | 100 |
| HHBB214160 | 14.0 | 16.0 | 70 | 150 |
| HHBB216160 | 16.0 | 16.0 | 70 | 150 |
| HHBB218200 | 18.0 | 20.0 | 75 | 150 |
| HHBB220200 | 20.0 | 20.0 | 75 | 150 |
| HHBB222250 | 22.0 | 25.0 | 80 | 150 |
| HHBB225250 | 25.0 | 25.0 | 80 | 150 |

特點:

1. 適用於一般模具、機械零件加工。
2. 刃長為刃徑之5倍，適合側面大面積加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. The blade length is five times as the diameter, suitable for the processing of large lateral surface.
3. Optimized performance by the use of water-soluble cutting fluid.



HHBB

MG

TiTiN

35°

HRC 48



OIL



高螺旋端銑刀-長刃型三刃 High Helix Long Flute End Mills - 3 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| HHBB306030 | 3.0 | 6.0 | 15 | 75 |
| HHBB306040 | 4.0 | 6.0 | 20 | 75 |
| HHBB306050 | 5.0 | 6.0 | 25 | 75 |
| HHBB306060 | 6.0 | 6.0 | 30 | 75 |
| HHBB308080 | 8.0 | 8.0 | 35 | 100 |
| HHBB310100 | 10.0 | 10.0 | 45 | 100 |
| HHBB312120 | 12.0 | 12.0 | 50 | 100 |
| HHBB314160 | 14.0 | 16.0 | 70 | 150 |
| HHBB316160 | 16.0 | 16.0 | 70 | 150 |
| HHBB318200 | 18.0 | 20.0 | 75 | 150 |
| HHBB320200 | 20.0 | 20.0 | 75 | 150 |
| HHBB322250 | 22.0 | 25.0 | 80 | 150 |
| HHBB325250 | 25.0 | 25.0 | 80 | 150 |

特點:

1. 適用於一般模具、機械零件加工。
2. 刃長為刃徑之5倍，適合側面大面積加工。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. The blade length is five times as the diameter, suitable for the processing of large lateral surface.
3. Optimized performance by the use of water-soluble cutting fluid.



TSBA

MG

TiAlN

35

HRC
48

OIL



斜度銼刀-標準型二刃

Tapered Long Flute End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 單角 Taper | 粗端徑 | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|------|-------------|
| TSBA204010-005 | 1.0 | 4.0 | 4 | 0.5° | 1.07 | 50 |
| TSBA204010-010 | 1.0 | 4.0 | 4 | 1° | 1.14 | 50 |
| TSBA204010-015 | 1.0 | 4.0 | 4 | 1.5° | 1.21 | 50 |
| TSBA204010-020 | 1.0 | 4.0 | 4 | 2° | 1.28 | 50 |
| TSBA204010-025 | 1.0 | 4.0 | 4 | 2.5° | 1.35 | 50 |
| TSBA204010-030 | 1.0 | 4.0 | 4 | 3° | 1.42 | 50 |
| TSBA204010-050 | 1.0 | 4.0 | 4 | 5° | 1.70 | 50 |
| TSBA204010-070 | 1.0 | 4.0 | 4 | 7° | 1.98 | 50 |
| TSBA204010-100 | 1.0 | 4.0 | 4 | 10° | 2.41 | 50 |
| TSBA204015-005 | 1.5 | 4.0 | 5 | 0.5° | 1.59 | 50 |
| TSBA204015-010 | 1.5 | 4.0 | 5 | 1° | 1.67 | 50 |
| TSBA204015-015 | 1.5 | 4.0 | 5 | 1.5° | 1.76 | 50 |
| TSBA204015-020 | 1.5 | 4.0 | 5 | 2° | 1.85 | 50 |
| TSBA204015-025 | 1.5 | 4.0 | 5 | 2.5° | 1.93 | 50 |
| TSBA204015-030 | 1.5 | 4.0 | 5 | 3° | 2.02 | 50 |
| TSBA204015-050 | 1.5 | 4.0 | 5 | 5° | 2.37 | 50 |
| TSBA204015-070 | 1.5 | 4.0 | 5 | 7° | 2.72 | 50 |
| TSBA204015-100 | 1.5 | 4.0 | 5 | 10° | 3.26 | 50 |
| TSBA204020-005 | 2.0 | 4.0 | 6 | 0.5° | 2.10 | 50 |
| TSBA204020-010 | 2.0 | 4.0 | 6 | 1° | 2.21 | 50 |
| TSBA204020-015 | 2.0 | 4.0 | 6 | 1.5° | 2.31 | 50 |
| TSBA204020-020 | 2.0 | 4.0 | 6 | 2° | 2.41 | 50 |
| TSBA204020-025 | 2.0 | 4.0 | 6 | 2.5° | 2.52 | 50 |
| TSBA204020-030 | 2.0 | 4.0 | 6 | 3° | 2.62 | 50 |
| TSBA204020-050 | 2.0 | 4.0 | 6 | 5° | 3.05 | 50 |
| TSBA204020-070 | 2.0 | 4.0 | 6 | 7° | 3.47 | 50 |
| TSBA204020-100 | 2.0 | 4.0 | 6 | 10° | 4.12 | 50 |
| TSBA204025-005 | 2.5 | 4.0 | 8 | 0.5° | 2.64 | 50 |
| TSBA204025-010 | 2.5 | 4.0 | 8 | 1° | 2.78 | 50 |
| TSBA204025-015 | 2.5 | 4.0 | 8 | 1.5° | 2.91 | 50 |
| TSBA204025-020 | 2.5 | 4.0 | 8 | 2° | 3.05 | 50 |
| TSBA204025-025 | 2.5 | 4.0 | 8 | 2.5° | 3.20 | 50 |
| TSBA206025-030 | 2.5 | 6.0 | 8 | 3° | 3.33 | 50 |
| TSBA206025-050 | 2.5 | 6.0 | 8 | 5° | 3.90 | 50 |
| TSBA206025-070 | 2.5 | 6.0 | 8 | 7° | 4.46 | 50 |
| TSBA206025-100 | 2.5 | 6.0 | 8 | 10° | 5.32 | 50 |

特點:

1. 適用於一般模具、機械零件加工。
2. 可加工側面斜度。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Capable of processing lateral gradient.
3. Optimize performance by the use of water-soluble cutting fluid.



TSBA

MG

TiAlN

3.5°

HRC
48°

OIL



斜度銑刀-標準型二刃

Tapered Long Flute End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 單角 Taper | 粗端徑 | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|-----|-------------|
|-----------------|-----------|-------------|-------------|-------------|-----|-------------|

| | | | | | | |
|----------------|-----|------|----|------|-------|----|
| TSEA206030-005 | 3.0 | 6.0 | 10 | 0.5° | 3.17 | 50 |
| TSEA206030-010 | 3.0 | 6.0 | 10 | 1° | 3.35 | 50 |
| TSEA206030-015 | 3.0 | 6.0 | 10 | 1.5° | 3.52 | 50 |
| TSEA206030-020 | 3.0 | 6.0 | 10 | 2° | 3.69 | 50 |
| TSEA206030-025 | 3.0 | 6.0 | 10 | 2.5° | 3.87 | 50 |
| TSEA206030-030 | 3.0 | 6.0 | 10 | 3° | 4.05 | 50 |
| TSEA206030-050 | 3.0 | 6.0 | 10 | 5° | 4.75 | 50 |
| TSEA206030-070 | 3.0 | 6.0 | 10 | 7° | 5.45 | 50 |
| TSEA206030-100 | 3.0 | 6.0 | 10 | 10° | 6.53 | 50 |
| TSEA206040-005 | 4.0 | 6.0 | 15 | 0.5° | 4.26 | 50 |
| TSEA206040-010 | 4.0 | 6.0 | 15 | 1° | 4.52 | 50 |
| TSEA206040-015 | 4.0 | 6.0 | 15 | 1.5° | 4.79 | 50 |
| TSEA206040-020 | 4.0 | 6.0 | 15 | 2° | 5.04 | 50 |
| TSEA206040-025 | 4.0 | 6.0 | 15 | 2.5° | 5.31 | 50 |
| TSEA206040-030 | 4.0 | 6.0 | 15 | 3° | 5.57 | 50 |
| TSEA206040-050 | 4.0 | 6.0 | 15 | 5° | 6.62 | 50 |
| TSEA208040-070 | 4.0 | 8.0 | 15 | 7° | 7.68 | 60 |
| TSEA208040-100 | 4.0 | 8.0 | 15 | 10° | 9.30 | 60 |
| TSEA206050-005 | 5.0 | 6.0 | 20 | 0.5° | 5.34 | 60 |
| TSEA206050-010 | 5.0 | 6.0 | 20 | 1° | 5.70 | 60 |
| TSEA206050-015 | 5.0 | 6.0 | 20 | 1.5° | 6.04 | 60 |
| TSEA206050-020 | 5.0 | 6.0 | 20 | 2° | 6.39 | 60 |
| TSEA206050-025 | 5.0 | 6.0 | 20 | 2.5° | 6.74 | 60 |
| TSEA206050-030 | 5.0 | 6.0 | 20 | 3° | 7.10 | 60 |
| TSEA208050-050 | 5.0 | 8.0 | 20 | 5° | 8.50 | 75 |
| TSEA208050-070 | 5.0 | 8.0 | 20 | 7° | 9.91 | 75 |
| TSEA212050-100 | 5.0 | 12.0 | 20 | 10° | 12.05 | 75 |
| TSEA206060-005 | 6.0 | 6.0 | 20 | 0.5° | 6.35 | 60 |
| TSEA206060-010 | 6.0 | 6.0 | 20 | 1° | 6.70 | 60 |
| TSEA206060-015 | 6.0 | 6.0 | 20 | 1.5° | 7.05 | 60 |
| TSEA206060-020 | 6.0 | 6.0 | 20 | 2° | 7.40 | 60 |
| TSEA206060-025 | 6.0 | 6.0 | 20 | 2.5° | 7.75 | 60 |
| TSEA208060-030 | 6.0 | 8.0 | 20 | 3° | 8.10 | 60 |
| TSEA208060-050 | 6.0 | 8.0 | 20 | 5° | 9.50 | 75 |
| TSEA210060-070 | 6.0 | 10.0 | 20 | 7° | 10.91 | 75 |
| TSEA212060-100 | 6.0 | 12.0 | 20 | 10° | 13.05 | 75 |

特點:

1. 適用於一般模具、機械零件加工。
2. 可加工側面斜度。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Capable of processing lateral gradient.
3. Optimized performance by the use of water-soluble cutting fluid.



TSBA

MG

TiAlN

35

HRC
48

OIL



斜度銑刀-標準型二刃

Tapered Long Flute End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 單角 Taper | 粗端徑 | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|-------|-------------|
| TSBA208080-005 | 8.0 | 8.0 | 25 | 0.5° | 8.44 | 75 |
| TSBA208080-010 | 8.0 | 8.0 | 25 | 1° | 8.87 | 75 |
| TSBA208080-015 | 8.0 | 8.0 | 25 | 1.5° | 9.31 | 75 |
| TSBA208080-020 | 8.0 | 8.0 | 25 | 2° | 9.74 | 75 |
| TSBA210080-025 | 8.0 | 10.0 | 25 | 2.5° | 10.18 | 100 |
| TSBA210080-030 | 8.0 | 10.0 | 25 | 3° | 10.62 | 100 |
| TSBA212080-050 | 8.0 | 12.0 | 25 | 5° | 12.37 | 100 |
| TSBA210100-005 | 10.0 | 10.0 | 35 | 0.5° | 10.61 | 100 |
| TSBA210100-010 | 10.0 | 10.0 | 35 | 1° | 11.22 | 100 |
| TSBA210100-015 | 10.0 | 10.0 | 35 | 1.5° | 11.83 | 100 |
| TSBA212100-020 | 10.0 | 12.0 | 35 | 2° | 12.44 | 100 |
| TSBA212100-025 | 10.0 | 12.0 | 35 | 2.5° | 13.06 | 100 |
| TSBA212100-030 | 10.0 | 12.0 | 35 | 3° | 13.37 | 100 |
| TSBA216100-050 | 10.0 | 16.0 | 35 | 5° | 16.12 | 100 |

特點:

1. 適用於一般模具、機械零件加工。
2. 可加工側面斜度。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Capable of processing lateral gradient.
3. Optimized performance by the use of water-soluble cutting fluid.



特點:

1. 適用於一般模具、機械零件加工。
2. 可加工側面斜度。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Capable of processing lateral gradient.
3. Optimize performance by the use of water-soluble cutting fluid.

TSBB

MG

TiAlN

35°

HRC 48°

OIL

斜度銑刀-長刃型二刃

Tapered Long Flute End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 單角 Taper | 粗端徑 | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|-------|-------------|
| TSEB204020-005 | 2.0 | 4.0 | 13 | 0.5° | 2.22 | 50 |
| TSEB204020-010 | 2.0 | 4.0 | 13 | 1° | 2.45 | 50 |
| TSEB204020-015 | 2.0 | 4.0 | 13 | 1.5° | 2.68 | 50 |
| TSEB204020-020 | 2.0 | 4.0 | 13 | 2° | 2.90 | 50 |
| TSEB204020-025 | 2.0 | 4.0 | 13 | 2.5° | 3.13 | 50 |
| TSEB206020-030 | 2.0 | 4.0 | 13 | 3° | 3.36 | 50 |
| TSEB206020-050 | 2.0 | 6.0 | 13 | 5° | 4.27 | 50 |
| TSEB206025-005 | 2.5 | 6.0 | 15 | 0.5° | 2.76 | 50 |
| TSEB206025-010 | 2.5 | 6.0 | 15 | 1° | 3.03 | 50 |
| TSEB206025-015 | 2.5 | 6.0 | 15 | 1.5° | 3.29 | 50 |
| TSEB206025-020 | 2.5 | 6.0 | 15 | 2° | 3.55 | 50 |
| TSEB206025-025 | 2.5 | 6.0 | 15 | 2.5° | 3.81 | 50 |
| TSEB206025-030 | 2.5 | 6.0 | 15 | 3° | 4.07 | 50 |
| TSEB206025-050 | 2.5 | 6.0 | 15 | 5° | 5.13 | 50 |
| TSEB206030-005 | 3.0 | 6.0 | 20 | 0.5° | 3.35 | 60 |
| TSEB206030-010 | 3.0 | 6.0 | 20 | 1° | 3.70 | 60 |
| TSEB206030-015 | 3.0 | 6.0 | 20 | 1.5° | 4.05 | 60 |
| TSEB206030-020 | 3.0 | 6.0 | 20 | 2° | 4.39 | 60 |
| TSEB206030-025 | 3.0 | 6.0 | 20 | 2.5° | 4.75 | 60 |
| TSEB206030-030 | 3.0 | 6.0 | 20 | 3° | 5.10 | 60 |
| TSEB206030-050 | 3.0 | 6.0 | 20 | 5° | 6.50 | 60 |
| TSEB206040-005 | 4.0 | 6.0 | 25 | 0.5° | 4.44 | 75 |
| TSEB206040-010 | 4.0 | 6.0 | 25 | 1° | 4.88 | 75 |
| TSEB206040-015 | 4.0 | 6.0 | 25 | 1.5° | 5.31 | 75 |
| TSEB206040-020 | 4.0 | 6.0 | 25 | 2° | 5.75 | 75 |
| TSEB206040-025 | 4.0 | 6.0 | 25 | 2.5° | 6.19 | 75 |
| TSEB206040-030 | 4.0 | 6.0 | 25 | 3° | 6.62 | 75 |
| TSEB208040-050 | 4.0 | 8.0 | 25 | 5° | 8.38 | 75 |
| TSEB206050-005 | 5.0 | 6.0 | 30 | 0.5° | 5.52 | 75 |
| TSEB206050-010 | 5.0 | 6.0 | 30 | 1° | 6.05 | 75 |
| TSEB206050-015 | 5.0 | 6.0 | 30 | 1.5° | 6.57 | 75 |
| TSEB206050-020 | 5.0 | 6.0 | 30 | 2° | 7.09 | 75 |
| TSEB206050-025 | 5.0 | 6.0 | 30 | 2.5° | 7.62 | 75 |
| TSEB208050-030 | 5.0 | 8.0 | 30 | 3° | 8.14 | 75 |
| TSEB210050-050 | 5.0 | 10.0 | 30 | 5° | 10.25 | 75 |
| TSEB206060-005 | 6.0 | 6.0 | 35 | 0.5° | 6.61 | 100 |
| TSEB206060-010 | 6.0 | 6.0 | 35 | 1° | 7.22 | 100 |
| TSEB206060-015 | 6.0 | 6.0 | 35 | 1.5° | 7.83 | 100 |
| TSEB208060-020 | 6.0 | 8.0 | 35 | 2° | 8.44 | 100 |
| TSEB208060-025 | 6.0 | 8.0 | 35 | 2.5° | 9.05 | 100 |
| TSEB208060-030 | 6.0 | 8.0 | 35 | 3° | 9.67 | 100 |
| TSEB212060-050 | 6.0 | 12.0 | 35 | 5° | 12.12 | 100 |



- 特點:
1. 適用於鋁合金加工。
 2. 使用水溶性切削液，效果最佳化。

Features
 1. Applicable to the processing of aluminum alloy.
 2. Optimized performance by the use of water-soluble cutting fluid.

ALCA



鋁合金專用端銼刀-標準型二刃 Cutting Aluminum End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| ALCA204020 | 2.0 | 4.0 | 6 | 50 |
| ALCA204030 | 3.0 | 4.0 | 9 | 50 |
| ALCA204040 | 4.0 | 4.0 | 12 | 50 |
| ALCA206050 | 5.0 | 6.0 | 15 | 50 |
| ALCA206060 | 6.0 | 6.0 | 18 | 50 |
| ALCA208080 | 8.0 | 8.0 | 22 | 60 |
| ALCA210100 | 10.0 | 10.0 | 28 | 75 |
| ALCA212120 | 12.0 | 12.0 | 30 | 75 |
| ALCA216160 | 16.0 | 16.0 | 32 | 100 |



- 特點:
1. 適用於鋁合金加工。
 2. 使用水溶性切削液，效果最佳化。

Features
 1. Applicable to the processing of aluminum alloy.
 2. Optimized performance by the use of water-soluble cutting fluid.

ALCA



鋁合金專用端銼刀-標準型三刃 Cutting Aluminum End Mills - 3 Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| ALCA304020 | 2.0 | 4.0 | 6 | 50 |
| ALCA304030 | 3.0 | 4.0 | 9 | 50 |
| ALCA304040 | 4.0 | 4.0 | 12 | 50 |
| ALCA306050 | 5.0 | 6.0 | 15 | 50 |
| ALCA306060 | 6.0 | 6.0 | 18 | 50 |
| ALCA308080 | 8.0 | 8.0 | 22 | 60 |
| ALCA310100 | 10.0 | 10.0 | 28 | 75 |
| ALCA312120 | 12.0 | 12.0 | 30 | 75 |
| ALCA316160 | 16.0 | 16.0 | 32 | 100 |



- 特點:
1. 適用於鋁合金加工。
 2. 使用水溶性切削液，效果最佳化。

Features
 1. Applicable to the processing of aluminum alloy.
 2. Optimized performance by the use of water-soluble cutting fluid.

ALCA



鋁合金專用端銼刀-標準型單刃 Cutting Aluminum End Mills - Single Flute

| 產品編號 Code No | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|
| ALCA104040 | 4.0 | 4.0 | 16 | 50 |
| ALCA106060 | 6.0 | 6.0 | 22 | 60 |
| ALCA108080 | 8.0 | 8.0 | 25 | 75 |
| ALCA110100 | 10.0 | 10.0 | 25 | 75 |
| ALCA112120 | 12.0 | 12.0 | 30 | 75 |
| ALCA116160 | 16.0 | 16.0 | 38 | 100 |



CRBA

MG

TIALN

35

HRC
48

圓偶角銑刀-標準型二刃 Corner Radius Long Shank End Mills - 4 Flute

| 產品編號 Code No | 刃徑 Dia | R角 Comer | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|-------------|
| CRBA204010-02 | 1.0 | 0.2R | 4.0 | 2.5 | 50 |
| CRBA204015-02 | 1.5 | 0.2R | 4.0 | 4 | 50 |
| CRBA204015-03 | 1.5 | 0.3R | 4.0 | 4 | 50 |
| CRBA204020-02 | 2.0 | 0.2R | 4.0 | 5 | 50 |
| CRBA204020-03 | 2.0 | 0.3R | 4.0 | 5 | 50 |
| CRBA204030-02 | 3.0 | 0.2R | 4.0 | 8 | 50 |
| CRBA204030-03 | 3.0 | 0.3R | 4.0 | 8 | 50 |
| CRBA204030-05 | 3.0 | 0.5R | 4.0 | 8 | 50 |
| CRBA204040-02 | 4.0 | 0.2R | 4.0 | 10 | 50 |
| CRBA204040-03 | 4.0 | 0.3R | 4.0 | 10 | 50 |
| CRBA204040-05 | 4.0 | 0.5R | 4.0 | 10 | 50 |
| CRBA206060-02 | 6.0 | 0.2R | 6.0 | 15 | 50 |
| CRBA206060-03 | 6.0 | 0.3R | 6.0 | 15 | 50 |
| CRBA206060-05 | 6.0 | 0.5R | 6.0 | 15 | 50 |
| CRBA206060-10 | 6.0 | 1.0R | 6.0 | 15 | 50 |
| CRBA206060-15 | 6.0 | 1.5R | 6.0 | 15 | 50 |
| CRBA208080-02 | 8.0 | 0.2R | 8.0 | 20 | 60 |
| CRBA208080-03 | 8.0 | 0.3R | 8.0 | 20 | 60 |
| CRBA208080-05 | 8.0 | 0.5R | 8.0 | 20 | 60 |
| CRBA208080-10 | 8.0 | 1.0R | 8.0 | 20 | 60 |
| CRBA208080-15 | 8.0 | 1.5R | 8.0 | 20 | 60 |
| CRBA210100-02 | 10.0 | 0.2R | 10.0 | 25 | 75 |
| CRBA210100-05 | 10.0 | 0.5R | 10.0 | 25 | 75 |
| CRBA210100-10 | 10.0 | 1.0R | 10.0 | 25 | 75 |
| CRBA210100-15 | 10.0 | 1.5R | 10.0 | 25 | 75 |
| CRBA210100-20 | 10.0 | 2.0R | 10.0 | 25 | 75 |
| CRBA212120-02 | 12.0 | 0.2R | 12.0 | 30 | 75 |
| CRBA212120-05 | 12.0 | 0.5R | 12.0 | 30 | 75 |
| CRBA212120-10 | 12.0 | 1.0R | 12.0 | 30 | 75 |
| CRBA212120-15 | 12.0 | 1.5R | 12.0 | 30 | 75 |
| CRBA212120-20 | 12.0 | 2.0R | 12.0 | 30 | 75 |

特點:

1. 適用於一般模具、機械零件加工。
2. 可同時加工平面及R角。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to the processing of planes and R angles.
3. Optimize performance by the use of water-soluble cutting fluid.



CRBA

MG

TiAlN

35°

HRC
48°

OIL



圓偶角銑刀-標準型四刃 Corner Radius Long Shank End Mills - 4 Flute

| 產品編號 Code No | 刃徑 Dia | R角 Comer | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|-------------|-------------|-------------|-------------|
| CRBA404030-02 | 3.0 | 0.2R | 4.0 | 8 | 50 |
| CRBA404030-03 | 3.0 | 0.3R | 4.0 | 8 | 50 |
| CRBA404030-05 | 3.0 | 0.5R | 4.0 | 8 | 50 |
| CRBA404040-02 | 4.0 | 0.2R | 4.0 | 10 | 50 |
| CRBA404040-03 | 4.0 | 0.3R | 4.0 | 10 | 50 |
| CRBA404040-05 | 4.0 | 0.5R | 4.0 | 10 | 50 |
| CRBA406060-02 | 6.0 | 0.2R | 6.0 | 15 | 50 |
| CRBA406060-03 | 6.0 | 0.3R | 6.0 | 15 | 50 |
| CRBA406060-05 | 6.0 | 0.5R | 6.0 | 15 | 50 |
| CRBA406060-10 | 6.0 | 1.0R | 6.0 | 15 | 50 |
| CRBA408080-02 | 8.0 | 0.2R | 8.0 | 20 | 60 |
| CRBA408080-03 | 8.0 | 0.3R | 8.0 | 20 | 60 |
| CRBA408080-05 | 8.0 | 0.5R | 8.0 | 20 | 60 |
| CRBA408080-10 | 8.0 | 1.0R | 8.0 | 20 | 60 |
| CRBA408080-15 | 8.0 | 1.5R | 8.0 | 20 | 60 |
| CRBA410100-02 | 10.0 | 0.2R | 10.0 | 25 | 75 |
| CRBA410100-05 | 10.0 | 0.5R | 10.0 | 25 | 75 |
| CRBA410100-10 | 10.0 | 1.0R | 10.0 | 25 | 75 |
| CRBA410100-15 | 10.0 | 1.5R | 10.0 | 25 | 75 |
| CRBA410100-20 | 10.0 | 2.0R | 10.0 | 25 | 75 |
| CRBA412120-02 | 12.0 | 0.2R | 12.0 | 30 | 75 |
| CRBA412120-05 | 12.0 | 0.5R | 12.0 | 30 | 75 |
| CRBA412120-10 | 12.0 | 1.0R | 12.0 | 30 | 75 |
| CRBA412120-15 | 12.0 | 1.5R | 12.0 | 30 | 75 |
| CRBA412120-20 | 12.0 | 2.0R | 12.0 | 30 | 75 |

特點:

1. 適用於一般模具、機械零件加工。
2. 可同時加工平面及R角。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to the processing of planes and R angle s.
3. Optimized performance by the use of water-soluble cutting fluid.



CRBD

MG

TiAlN

35°

HRC 48°

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OIL

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圓偶角銑刀-長柄二刃

Corner Radius Long Shank End Mills - 2 Flute

| 產品編號 Code No | 刃徑 Dia | R角 Corner | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|--------------|-------------|-------------|-------------|
| CRBD204010-02 | 1.0 | 0.2R | 4.0 | 2.5 | 75 |
| CRBD204015-02 | 1.5 | 0.2R | 4.0 | 4 | 75 |
| CRBD204015-03 | 1.5 | 0.3R | 4.0 | 4 | 75 |
| CRBD204020-02 | 2.0 | 0.2R | 4.0 | 5 | 75 |
| CRBD204020-03 | 2.0 | 0.3R | 4.0 | 5 | 75 |
| CRBD204030-02 | 3.0 | 0.2R | 4.0 | 8 | 75 |
| CRBD204030-03 | 3.0 | 0.3R | 4.0 | 8 | 75 |
| CRBD204030-05 | 3.0 | 0.5R | 4.0 | 8 | 75 |
| CRBD204040-02 | 4.0 | 0.2R | 4.0 | 10 | 75 |
| CRBD204040-03 | 4.0 | 0.3R | 4.0 | 10 | 75 |
| CRBD204040-05 | 4.0 | 0.5R | 4.0 | 10 | 75 |
| CRBD206060-02 | 6.0 | 0.2R | 6.0 | 15 | 100 |
| CRBD206060-03 | 6.0 | 0.3R | 6.0 | 15 | 100 |
| CRBD206060-05 | 6.0 | 0.5R | 6.0 | 15 | 100 |
| CRBD206060-10 | 6.0 | 1.0R | 6.0 | 15 | 100 |
| CRBD206060-15 | 6.0 | 1.5R | 6.0 | 15 | 100 |
| CRBD208080-02 | 8.0 | 0.2R | 8.0 | 20 | 100 |
| CRBD208080-03 | 8.0 | 0.3R | 8.0 | 20 | 100 |
| CRBD208080-05 | 8.0 | 0.5R | 8.0 | 20 | 100 |
| CRBD208080-10 | 8.0 | 1.0R | 8.0 | 20 | 100 |
| CRBD208080-15 | 8.0 | 1.5R | 8.0 | 20 | 100 |
| CRBD210100-02 | 10.0 | 0.2R | 10.0 | 25 | 100 |
| CRBD210100-05 | 10.0 | 0.5R | 10.0 | 25 | 100 |
| CRBD210100-10 | 10.0 | 1.0R | 10.0 | 25 | 100 |
| CRBD210100-15 | 10.0 | 1.5R | 10.0 | 25 | 100 |
| CRBD210100-20 | 10.0 | 2.0R | 10.0 | 25 | 100 |
| CRBD212120-02 | 12.0 | 0.2R | 12.0 | 30 | 100 |
| CRBD212120-03 | 12.0 | 0.5R | 12.0 | 30 | 100 |
| CRBD212120-05 | 12.0 | 1.0R | 12.0 | 30 | 100 |
| CRBD212120-15 | 12.0 | 1.5R | 12.0 | 30 | 100 |
| CRBD212120-20 | 12.0 | 2.0R | 12.0 | 30 | 100 |

特點:

1. 適用於一般機具、機械零件加工。
2. 可同時加工平面及R角。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to the processing of planes and R angles.
3. Optimize performance by the use of water-soluble cutting fluid.



特點:

1. 適用於一般模具、機械零件加工。
2. 可同時加工平面及R角。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to the processing of planes and R angles.
3. Optimize performance by the use of water-soluble cutting fluid.

CRBD

MG

TiAlN

35°

HRC
48°

OIL

圓偶角銑刀-長柄四刃 Corner Radius Long Shank End Mills - 4 Flute

| 產品編號 Code No | 刃徑 Dia | R角 Corner | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----------|--------------|-------------|-------------|-------------|
| CRBD40 4030-02 | 3.0 | 0.2R | 4.0 | 8 | 75 |
| CRBD40 4030-03 | 3.0 | 0.3R | 4.0 | 8 | 75 |
| CRBD40 4030-05 | 3.0 | 0.5R | 4.0 | 8 | 75 |
| CRBD40 4040-02 | 4.0 | 0.2R | 4.0 | 10 | 75 |
| CRBD40 4040-03 | 4.0 | 0.3R | 4.0 | 10 | 75 |
| CRBD40 4040-05 | 4.0 | 0.5R | 4.0 | 10 | 75 |
| CRBD40 6060-02 | 6.0 | 0.2R | 6.0 | 15 | 100 |
| CRBD40 6060-03 | 6.0 | 0.3R | 6.0 | 15 | 100 |
| CRBD40 6060-05 | 6.0 | 0.5R | 6.0 | 15 | 100 |
| CRBD40 6060-10 | 6.0 | 1.0R | 6.0 | 15 | 100 |
| CRBD40 6060-15 | 6.0 | 1.5R | 6.0 | 15 | 100 |
| CRBD40 8080-02 | 8.0 | 0.2R | 8.0 | 20 | 100 |
| CRBD40 8080-03 | 8.0 | 0.3R | 8.0 | 20 | 100 |
| CRBD40 8080-05 | 8.0 | 0.5R | 8.0 | 20 | 100 |
| CRBD40 8080-10 | 8.0 | 1.0R | 8.0 | 20 | 100 |
| CRBD40 8080-15 | 8.0 | 1.5R | 8.0 | 20 | 100 |
| CRBD41 0100-02 | 10.0 | 0.2R | 10.0 | 25 | 100 |
| CRBD41 0100-05 | 10.0 | 0.5R | 10.0 | 25 | 100 |
| CRBD41 0100-10 | 10.0 | 1.0R | 10.0 | 25 | 100 |
| CRBD41 0100-15 | 10.0 | 1.5R | 10.0 | 25 | 100 |
| CRBD41 0100-20 | 10.0 | 2.0R | 10.0 | 25 | 100 |
| CRBD41 0120-02 | 12.0 | 0.2R | 12.0 | 30 | 100 |
| CRBD41 0120-03 | 12.0 | 0.5R | 12.0 | 30 | 100 |
| CRBD41 0120-05 | 12.0 | 1.0R | 12.0 | 30 | 100 |
| CRBD41 0120-15 | 12.0 | 1.5R | 12.0 | 30 | 100 |
| CRBD41 0120-20 | 12.0 | 2.0R | 12.0 | 30 | 100 |



SDDA

MG



水流



NC/CNC定點鑽90°

Corner NC/CNC Spotting Drills - 90°

| 產品編號 Code No | 先端角 | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|-----|-----------|-------------|-------------|-------------|
| SDDA203030-090 | 90° | 3.0 | 3.0 | 10 | 50 |
| SDDA204040-090 | 90° | 4.0 | 4.0 | 12 | 50 |
| SDDA205050-090 | 90° | 5.0 | 5.0 | 16 | 50 |
| SDDA206060-090 | 90° | 6.0 | 6.0 | 16 | 50 |
| SDDA208080-090 | 90° | 8.0 | 8.0 | 20 | 60 |
| SDDA210100-090 | 90° | 10.0 | 10.0 | 22 | 75 |
| SDDA212120-090 | 90° | 12.0 | 12.0 | 22 | 75 |
| SDDA216160-090 | 90° | 16.0 | 16.0 | 27 | 100 |

特點:

1. 適用於一般模具、機械零件加工。
2. 適用於工件，中心定位使用。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to the central positioning of workpiece.
3. Optimize performance by the use of water-soluble cutting fluid.



SDDA

MG



水流



NC/CNC定點鑽120°

Corner NC/CNC Spotting Drills - 120°

| 產品編號 Code No | 先端角 | 刃徑 Dia | 柄徑 Shank | 刃長 L.O.C | 全長 O.A.L |
|-----------------|------|-----------|-------------|-------------|-------------|
| SDDA203030-120 | 120° | 3.0 | 3.0 | 10 | 50 |
| SDDA204040-120 | 120° | 4.0 | 4.0 | 12 | 50 |
| SDDA205050-120 | 120° | 5.0 | 5.0 | 16 | 50 |
| SDDA206060-120 | 120° | 6.0 | 6.0 | 16 | 50 |
| SDDA208080-120 | 120° | 8.0 | 8.0 | 20 | 60 |
| SDDA210100-120 | 120° | 10.0 | 10.0 | 22 | 75 |
| SDDA212120-120 | 120° | 12.0 | 12.0 | 22 | 75 |
| SDDA216160-120 | 120° | 16.0 | 16.0 | 27 | 100 |

特點:

1. 適用於一般模具、機械零件加工。
2. 適用於工件，中心定位使用。
3. 使用水溶性切削液，效果最佳化。

Features

1. Applicable to the processing of dies and machinery parts.
2. Applicable to the central positioning of workpiece.
3. Optimize performance by the use of water-soluble cutting fluid.