

# 固定顶尖系列

DEAD CENTER SERIES

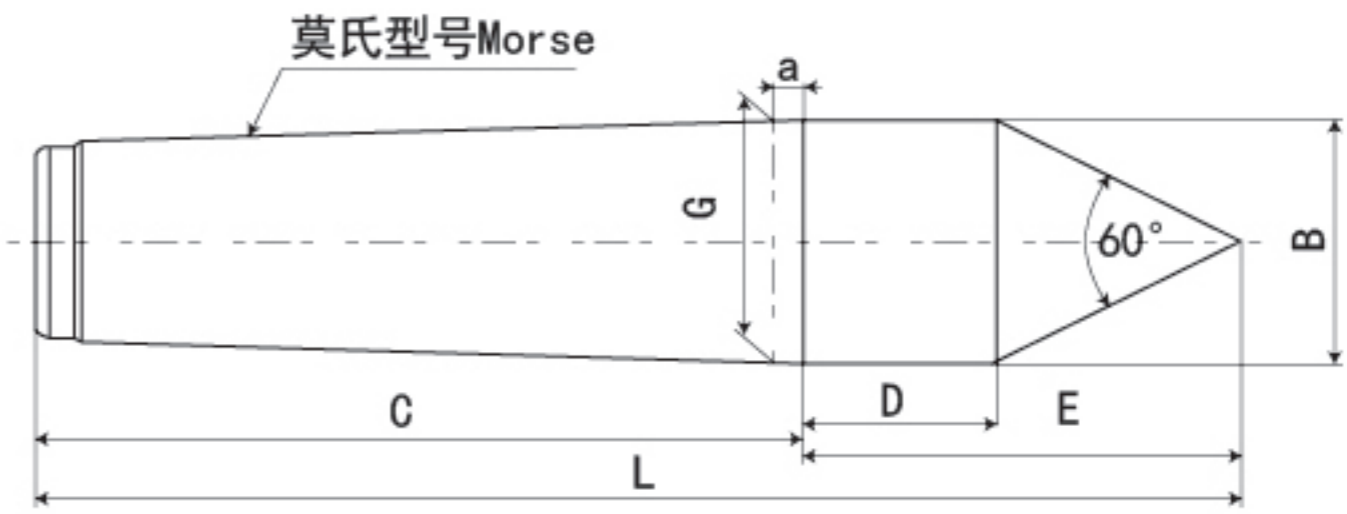


# 固定顶尖系列

DEAD CENTER SERIES

## 固定頂尖

## DEAD CENTER



| 莫氏型號<br>Morse | 規格<br>Type   | G      | L   | C   | D    | E  | B    | a   | 重量 KGS | 精度<br>Accuracy |
|---------------|--------------|--------|-----|-----|------|----|------|-----|--------|----------------|
| MT1           | GDDJ-MT1-60° | 12.065 | 80  | 57  | 10.5 | 23 | 12.2 | 3.5 | 0.057  | 0.003          |
| MT2           | GDDJ-MT2-60° | 17.780 | 100 | 69  | 15.5 | 31 | 18   | 5   | 0.15   | 0.003          |
| MT3           | GDDJ-MT3-60° | 23.825 | 125 | 86  | 18   | 39 | 24.1 | 5   | 0.334  | 0.003          |
| MT4           | GDDJ-MT4-60° | 31.267 | 160 | 109 | 23.5 | 51 | 31.6 | 6.5 | 0.746  | 0.003          |
| MT5           | GDDJ-MT5-60° | 44.399 | 200 | 136 | 35   | 64 | 44.7 | 6.5 | 1.862  | 0.003          |
| MT6           | GDDJ-MT6-60° | 63.348 | 280 | 190 | 35   | 90 | 63.8 | 8   | 4.925  | 0.003          |

### 特點:

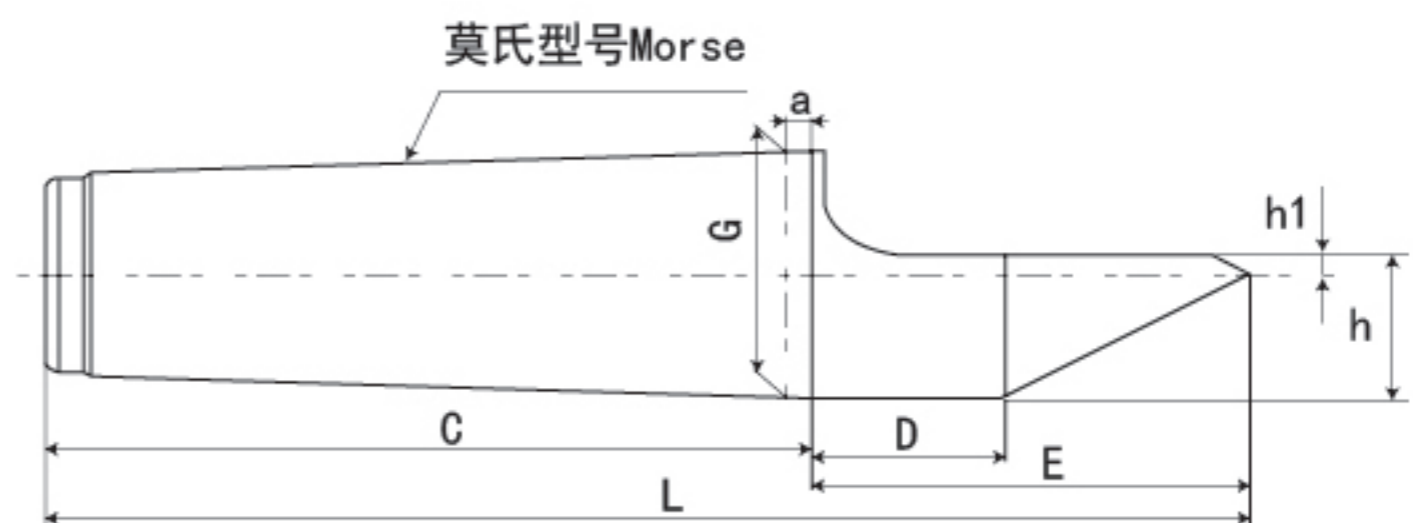
- 材質: GCr15 軸承鋼 / T8/T10 碳素工具鋼
- 熱處理硬度: HRC58-62
- 錐度接觸面: > 85%
- 適用於車床、銑床、偏擺儀等, 如磨床使用請選擇固定合金頂尖

### Features:

- Material: GCr15 Bearing steel / T8/T10 Carbon tool steel
- Heat treatment hardness: HRC58-62
- Taper Interface: > 85%
- Suitable for lathe, milling machine, offset runout detection instrument and so on, if use for grinding machine, please choose dead alloy center.

## 半缺固定頂尖

## HALF-NOTCHED DEAD CENTER



| 莫氏型號<br>Morse | 規格<br>Type     | G      | L   | C   | D    | E  | h   | h1  | a   | 重量<br>KGS | 精度<br>Accuracy |
|---------------|----------------|--------|-----|-----|------|----|-----|-----|-----|-----------|----------------|
| MT1           | BQGDDJ-MT1-60° | 12.065 | 80  | 57  | 10.5 | 23 | 7.6 | 1.5 | 3.5 | 0.037     | 0.003          |
| MT2           | BQGDDJ-MT2-60° | 17.780 | 100 | 69  | 15.5 | 31 | 11  | 2   | 5   | 0.13      | 0.003          |
| MT3           | BQGDDJ-MT3-60° | 23.825 | 125 | 86  | 18   | 39 | 15  | 3   | 5   | 0.314     | 0.003          |
| MT4           | BQGDDJ-MT4-60° | 31.267 | 160 | 109 | 23.5 | 51 | 21  | 5   | 6.5 | 0.656     | 0.003          |
| MT5           | BQGDDJ-MT5-60° | 44.399 | 200 | 136 | 25   | 64 | 29  | 7   | 6.5 | 1.762     | 0.003          |
| MT6           | BQGDDJ-MT6-60° | 63.348 | 280 | 190 | 35   | 90 | 42  | 10  | 8   | 4.625     | 0.003          |

### 特點:

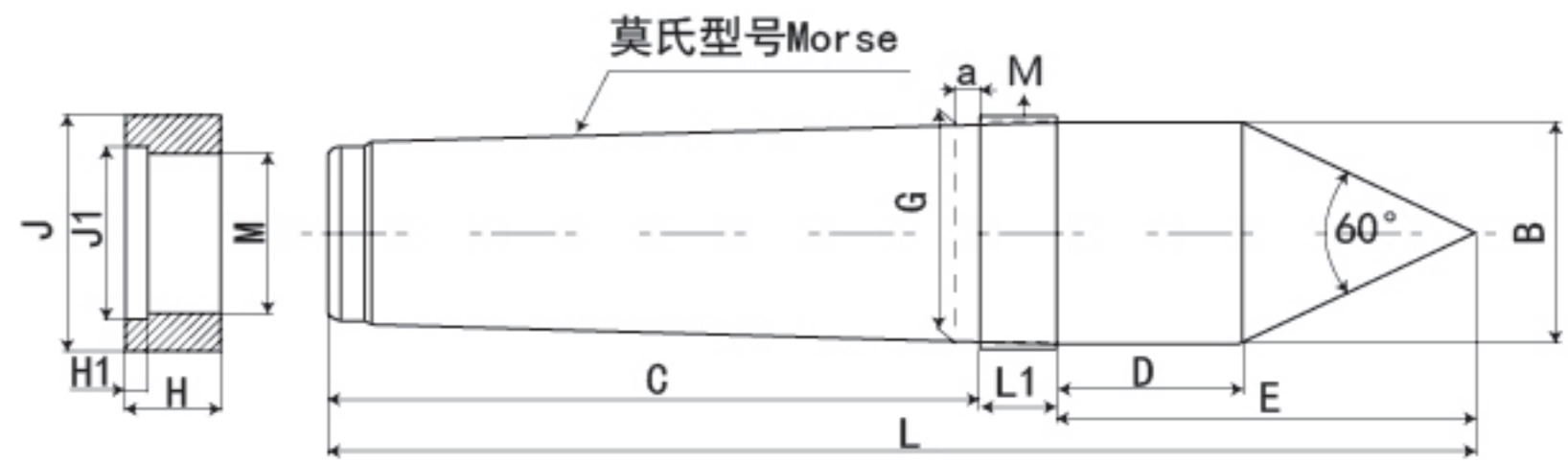
- 材質: GCr15 軸承鋼 / T8/T10 碳素工具鋼
- 熱處理硬度: HRC58-62
- 錐度接觸面: > 85%
- 適用於車床、銑床、偏擺儀等, 如磨床使用請選擇固定合金頂尖

### Features:

- Material: GCr15 Bearing steel / T8/T10 Carbon tool steel
- Heat treatment hardness: HRC58-62
- Taper Interface: > 85%
- Suitable for lathe, milling machine, offset runout detection instrument and so on, if use for grinding machine, please choose dead alloy center.

## 帶螺帽壓出固定頂尖

## DEAD CENTER WITH REMOVABLE NUT



| 莫氏型號<br>Morse | 規格<br>Type       | G      | L   | L1 | C   | D    | E   | B   | a   | M         | J   | J1  | H  | H1 | 重量<br>KGS | 精度<br>Accuracy |
|---------------|------------------|--------|-----|----|-----|------|-----|-----|-----|-----------|-----|-----|----|----|-----------|----------------|
| MT1           | LMGDDJ-MT1-60°   | 12.065 | 95  | 12 | 57  | 16.5 | 26  | 11  | 3.5 | M14*1.5P  | 26  | 16  | 12 | 4  | 0.057     | 0.003          |
| MT2           | LMGDDJ-MT2-60°   | 17.780 | 115 | 12 | 69  | 20   | 34  | 16  | 5   | M20*1.5P  | 33  | 22  | 12 | 4  | 0.15      | 0.003          |
| MT3           | LMGDDJ-MT3-60°   | 23.825 | 140 | 15 | 86  | 20   | 39  | 22  | 5   | M26*1.5P  | 43  | 28  | 15 | 5  | 0.334     | 0.003          |
| MT4           | LMGDDJ-MT4-60°   | 31.267 | 175 | 15 | 109 | 25   | 51  | 30  | 6.5 | M34*1.5P  | 53  | 38  | 15 | 5  | 0.746     | 0.003          |
| MT5           | LMGDDJ-MT5-60°   | 44.399 | 220 | 20 | 136 | 27   | 64  | 43  | 6.5 | M47*2.0P  | 63  | 49  | 20 | 7  | 1.862     | 0.003          |
| MT6           | LMGDDJ-MT6-60°   | 63.348 | 300 | 20 | 190 | 35   | 90  | 62  | 8   | M68*2.0P  | 88  | 70  | 20 | 7  | 4.925     | 0.003          |
| 公制 80         | LMGDDJ-GZ80-60°  | 80.00  | 330 | 30 | 204 | 32   | 96  | 80  | 8   | M84*2.0P  | 118 | 86  | 30 | 10 | 11.5      | 0.003          |
| 公制 100        | LMGDDJ-GZ100-60° | 100.00 | 390 | 30 | 242 | 31   | 118 | 100 | 10  | M104*2.0P | 128 | 106 | 30 | 10 | 18.5      | 0.003          |
| 公制 120        | LMGDDJ-GZ120-60° | 120.00 | 445 | 30 | 280 | 31   | 135 | 120 | 12  | M124*2.0P | 148 | 126 | 30 | 10 | 37.5      | 0.003          |

### 特點:

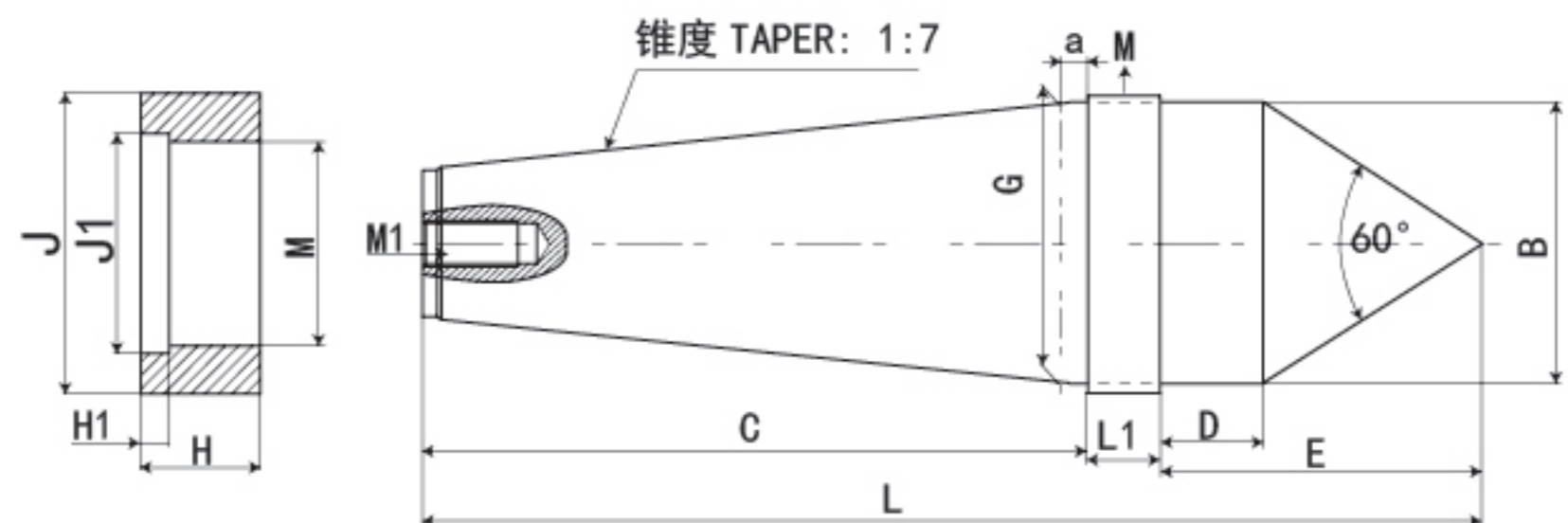
- 材質: GCr15 軸承鋼 / T8/T10 碳素工具鋼
- 熱處理硬度: HRC58-62
- 錐度接觸面: > 85%
- 適用於車床、銑床、偏擺儀等, 如磨床使用請選擇固定合金頂尖

### Features:

- Material: GCr15 Bearing steel / T8/T10 Carbon tool steel
- Heat treatment hardness: HRC58-62
- Taper Interface: > 85%
- Suitable for lathe, milling machine, offset runout detection instrument and so on, if use for grinding machine, please choose dead alloy center.

## 重型軋輥車床用固定頂尖

## DEAD CENTER FOR HEAVY ROLL LATHE



| 莫氏型號<br>Morse | 規格 Type             | G      | L   | L1 | C   | D  | E   | B   | 度數<br>標記 | a | M         | M1       | J   | J1  | H  | H1 | 精度<br>Accuracy |
|---------------|---------------------|--------|-----|----|-----|----|-----|-----|----------|---|-----------|----------|-----|-----|----|----|----------------|
| 公制 60         | GDDJ-GZ60-1: 7-60°  | 60.00  | 228 | 20 | 136 | 20 | 72  | 60  | 60°      | 5 | M64*2     | M16*2.0P | 88  | 66  | 20 | 7  | 0.003          |
| 公制 80         | GDDJ-GZ80-1: 7-60°  | 80.00  | 323 | 30 | 204 | 20 | 89  | 80  | 60°      | 7 | M84*2.0P  | M16*2.0P | 118 | 86  | 30 | 10 | 0.003          |
| 公制 100        | GDDJ-GZ100-1: 7-60° | 100.00 | 383 | 30 | 242 | 25 | 111 | 100 | 60°      | 7 | M104*2.0P | M16*2.0P | 128 | 106 | 30 | 10 | 0.003          |
| 公制 120        | GDDJ-GZ120-1: 7-60° | 120.00 | 439 | 30 | 280 | 25 | 129 | 120 | 60°      | 7 | M124*2.0P | M16*2.0P | 148 | 126 | 30 | 10 | 0.003          |
| 公制 60         | GDDJ-GZ60-1: 7-75°  | 60.00  | 215 | 20 | 136 | 20 | 59  | 60  | 75°      | 5 | M64*2     | M16*2.0P | 88  | 66  | 20 | 7  | 0.003          |
| 公制 80         | GDDJ-GZ80-1: 7-75°  | 80.00  | 306 | 30 | 204 | 20 | 72  | 80  | 75°      | 7 | M84*2.0P  | M16*2.0P | 118 | 86  | 30 | 10 | 0.003          |
| 公制 100        | GDDJ-GZ100-1: 7-75° | 100.00 | 362 | 30 | 242 | 25 | 90  | 100 | 75°      | 7 | M104*2.0P | M16*2.0P | 128 | 106 | 30 | 10 | 0.003          |
| 公制 120        | GDDJ-GZ120-1: 7-75° | 120.00 | 413 | 30 | 280 | 25 | 103 | 120 | 75°      | 7 | M124*2.0P | M16*2.0P | 148 | 126 | 30 | 10 | 0.003          |
| 公制 80         | GDDJ-GZ80-1: 7-90°  | 80.00  | 294 | 30 | 204 | 20 | 60  | 80  | 90°      | 7 | M84*2.0P  | M16*2.0P | 118 | 86  | 30 | 10 | 0.003          |
| 公制 100        | GDDJ-GZ100-1: 7-90° | 100.00 | 347 | 30 | 242 | 25 | 75  | 100 | 90°      | 7 | M104*2.0P | M16*2.0P | 128 | 106 | 30 | 10 | 0.003          |
| 公制 120        | GDDJ-GZ120-1: 7-90° | 120.00 | 395 | 30 | 280 | 25 | 85  | 120 | 90°      | 7 | M124*2.0P | M16*2.0P | 148 | 126 | 30 | 10 | 0.003          |

### 特點:

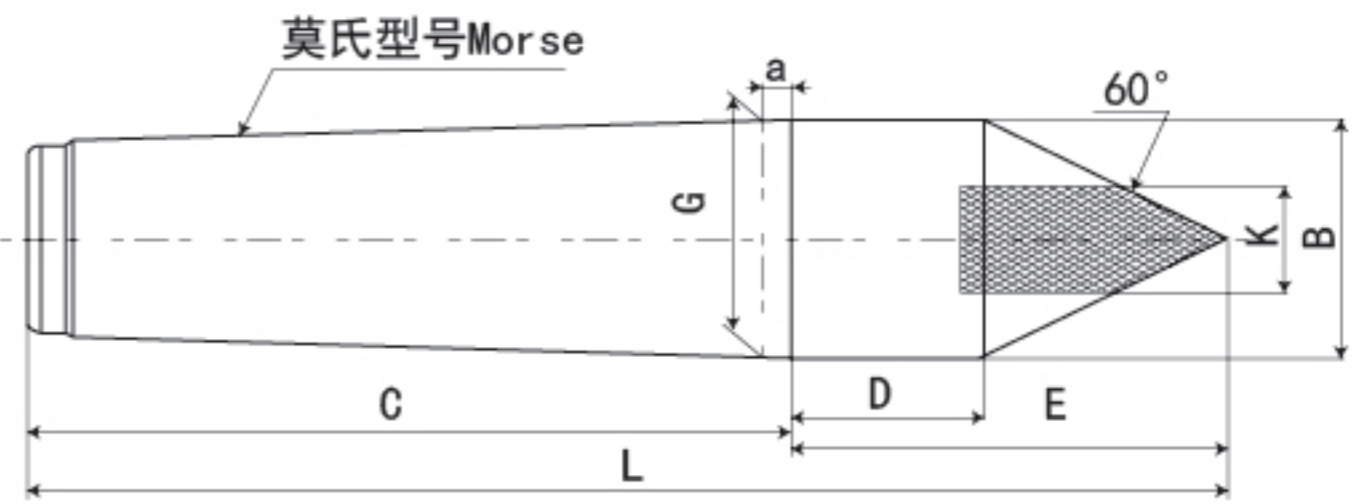
- 材質: GCr15 軸承鋼 / T8/T10 碳素工具鋼
- 熱處理硬度: HRC58-62
- 錐度接觸面: > 85%
- 適用於重型車床、軋輥車床等重型設備使用

### Features:

- Material: GCr15 Bearing steel / T8/T10 Carbon tool steel
- Heat treatment hardness: HRC58-62
- Taper Interface: > 85%
- Suitable for heavy lathe, roll lathe and other heavy equipment

## 固定合金頂尖

## CARBIDE CENTER



| 莫氏型號<br>Morse | 規格<br>Type          | G      | L   | C   | D    | E  | B    | K  | a   | 重量<br>KGS | 精度<br>Accuracy |
|---------------|---------------------|--------|-----|-----|------|----|------|----|-----|-----------|----------------|
| MT1           | GDHJDJ-MT1-F108-60° | 12.065 | 80  | 57  | 10.5 | 23 | 12.2 | 8  | 3.5 | 0.057     | 0.003          |
| MT2           | GDHJDJ-MT2-F108-60° | 17.780 | 100 | 69  | 15.5 | 31 | 18   | 8  | 5   | 0.15      | 0.003          |
| MT3           | GDHJDJ-MT3-F112-60° | 23.825 | 125 | 86  | 18   | 39 | 24.1 | 12 | 5   | 0.334     | 0.003          |
| MT4           | GDHJDJ-MT4-F115-60° | 31.267 | 160 | 109 | 23.5 | 51 | 31.6 | 15 | 6.5 | 0.746     | 0.003          |
| MT5           | GDHJDJ-MT5-F118-60° | 44.399 | 200 | 136 | 25   | 64 | 44.7 | 18 | 6.5 | 1.862     | 0.003          |
| MT6           | GDHJDJ-MT6-F124-60° | 63.348 | 280 | 190 | 35   | 90 | 63.8 | 24 | 8   | 4.925     | 0.003          |

### 特點:

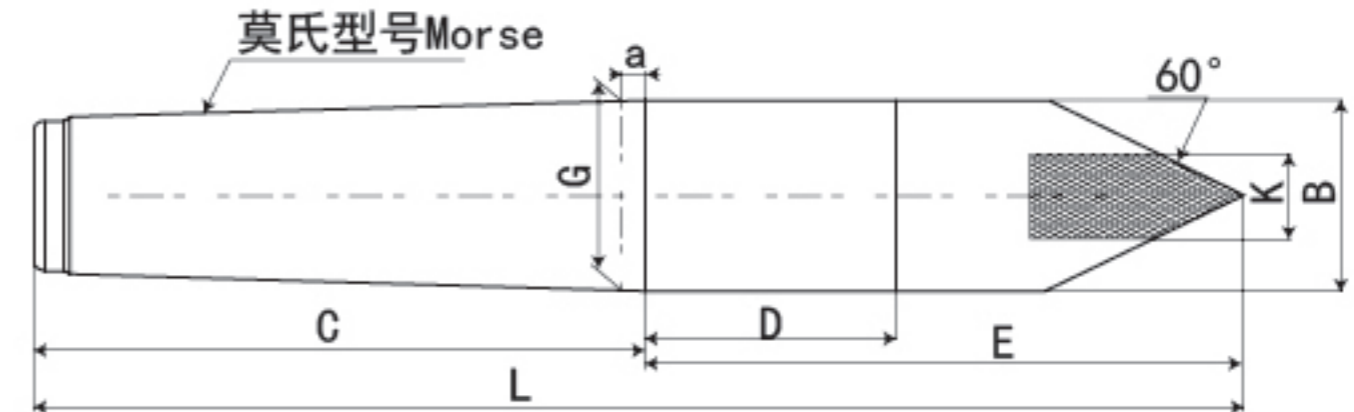
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 加長固定合金頂尖

## LENGTHEN CARBIDE CENTER



| 莫氏型號<br>Morse | 規格<br>Type                | G      | L   | C   | D     | E   | B    | K  | a   | 精度<br>Accuracy |
|---------------|---------------------------|--------|-----|-----|-------|-----|------|----|-----|----------------|
| MT1           | JCHJDJ-MT1-F108-60° -100L | 12.065 | 100 | 57  | 30.5  | 43  | 12.2 | 8  | 3.5 | 0.003          |
| MT2           | JCHJDJ-MT2-F108-60° -125L | 17.780 | 125 | 69  | 40.5  | 56  | 18   | 8  | 5   | 0.003          |
| MT3           | JCHJDJ-MT3-F112-60° -135L | 23.825 | 135 | 86  | 28    | 49  | 24.1 | 12 | 5   | 0.003          |
| MT3           | JCHJDJ-MT3-F112-60° -150L | 23.825 | 150 | 86  | 43    | 64  | 24.1 | 12 | 5   | 0.003          |
| MT3           | JCHJDJ-MT3-F112-60° -160L | 23.825 | 160 | 86  | 53    | 74  | 24.1 | 12 | 5   | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -180L | 31.267 | 180 | 109 | 43.5  | 71  | 31.6 | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -190L | 31.267 | 190 | 109 | 53.5  | 81  | 31.6 | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -200L | 31.267 | 200 | 109 | 63.5  | 91  | 31.6 | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -220L | 31.267 | 220 | 109 | 83.5  | 111 | 31.6 | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -250L | 31.267 | 250 | 109 | 113.5 | 141 | 31.6 | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -280L | 31.267 | 280 | 109 | 143.5 | 171 | 31.6 | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -300L | 31.267 | 300 | 109 | 163.5 | 191 | 31.6 | 15 | 6.5 | 0.003          |
| MT5           | JCHJDJ-MT5-F118-60° -250L | 44.399 | 250 | 136 | 75    | 114 | 44.7 | 18 | 6.5 | 0.003          |
| MT5           | JCHJDJ-MT5-F118-60° -300L | 44.399 | 300 | 136 | 125   | 164 | 44.7 | 18 | 6.5 | 0.003          |
| MT5           | JCHJDJ-MT5-F118-60° -350L | 44.399 | 350 | 136 | 175   | 214 | 44.7 | 18 | 6.5 | 0.003          |
| MT6           | JCHJDJ-MT6-F124-60° -330L | 63.348 | 330 | 190 | 85    | 140 | 63.8 | 24 | 8   | 0.003          |

### 特點:

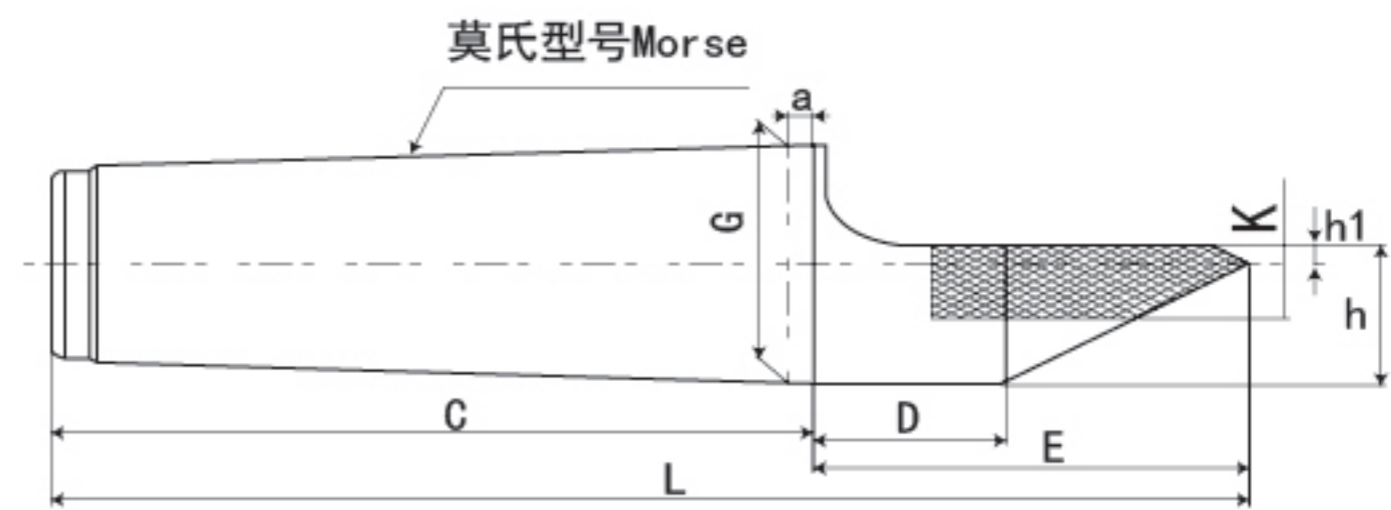
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 半缺固定合金頂尖

## HALF-NOTCHED CARBIDE CENTER



| 莫氏型號<br>Morse | 規格<br>Type          | G      | L   | C   | D    | E  | h   | h1  | K  | a   | 重量<br>KGS | 精度<br>Accuracy |
|---------------|---------------------|--------|-----|-----|------|----|-----|-----|----|-----|-----------|----------------|
| MT1           | BQHJDJ-MT1-F108-60° | 12.065 | 80  | 57  | 10.5 | 23 | 7.6 | 1.5 | 8  | 3.5 | 0.057     | 0.003          |
| MT2           | BQHJDJ-MT2-F108-60° | 17.780 | 100 | 69  | 15.5 | 31 | 11  | 2   | 8  | 5   | 0.15      | 0.003          |
| MT3           | BQHJDJ-MT3-F112-60° | 23.825 | 125 | 86  | 18   | 39 | 15  | 3   | 12 | 5   | 0.334     | 0.003          |
| MT4           | BQHJDJ-MT4-F115-60° | 31.267 | 160 | 109 | 23.5 | 51 | 21  | 5   | 15 | 6.5 | 0.746     | 0.003          |
| MT5           | BQHJDJ-MT5-F118-60° | 44.399 | 200 | 136 | 25   | 64 | 29  | 7   | 18 | 6.5 | 1.862     | 0.003          |
| MT6           | BQHJDJ-MT6-F124-60° | 63.348 | 280 | 190 | 35   | 90 | 42  | 10  | 24 | 8   | 4.925     | 0.003          |

### 特點:

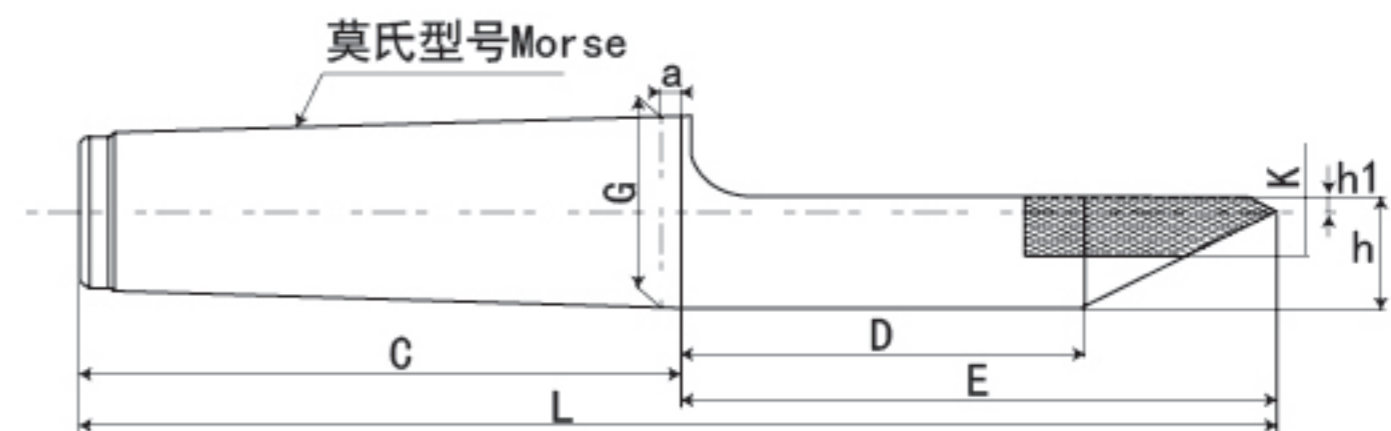
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 加長半缺固定合金頂尖

## LENGTHEN HALF-NOTCHED CARBIDE CENTER



| 莫氏型號<br>Morse | 規格<br>Type                | G      | L   | C   | D     | E   | h   | h1  | K  | a   | 精度<br>Accuracy |
|---------------|---------------------------|--------|-----|-----|-------|-----|-----|-----|----|-----|----------------|
| MT1           | JCHJDJ-MT1-F108-60° -100L | 12.065 | 100 | 57  | 30.5  | 43  | 7.6 | 1.5 | 8  | 3.5 | 0.003          |
| MT2           | JCHJDJ-MT2-F108-60° -125L | 17.780 | 125 | 69  | 40.5  | 56  | 11  | 2   | 8  | 5   | 0.003          |
| MT3           | JCHJDJ-MT3-F112-60° -135L | 23.825 | 135 | 86  | 28    | 49  | 15  | 3   | 12 | 5   | 0.003          |
| MT3           | JCHJDJ-MT3-F112-60° -150L | 23.825 | 150 | 86  | 43    | 64  | 15  | 3   | 12 | 5   | 0.003          |
| MT3           | JCHJDJ-MT3-F112-60° -160L | 23.825 | 160 | 86  | 53    | 74  | 15  | 3   | 12 | 5   | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -180L | 31.267 | 180 | 109 | 43.5  | 71  | 21  | 5   | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -190L | 31.267 | 190 | 109 | 53.5  | 81  | 21  | 5   | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -200L | 31.267 | 200 | 109 | 63.5  | 91  | 21  | 5   | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -220L | 31.267 | 220 | 109 | 83.5  | 111 | 21  | 5   | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -250L | 31.267 | 250 | 109 | 113.5 | 141 | 21  | 5   | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -280L | 31.267 | 280 | 109 | 143.5 | 171 | 21  | 5   | 15 | 6.5 | 0.003          |
| MT4           | JCHJDJ-MT4-F115-60° -300L | 31.267 | 300 | 109 | 163.5 | 191 | 21  | 5   | 15 | 6.5 | 0.003          |
| MT5           | JCHJDJ-MT5-F118-60° -250L | 44.399 | 250 | 136 | 75    | 114 | 29  | 7   | 18 | 6.5 | 0.003          |
| MT5           | JCHJDJ-MT5-F118-60° -300L | 44.399 | 300 | 136 | 125   | 164 | 29  | 7   | 18 | 6.5 | 0.003          |
| MT5           | JCHJDJ-MT5-F118-60° -350L | 44.399 | 350 | 136 | 175   | 214 | 29  | 7   | 18 | 6.5 | 0.003          |
| MT6           | JCHJDJ-MT6-F124-60° -330L | 63.348 | 330 | 190 | 85    | 140 | 42  | 10  | 24 | 8   | 0.003          |

### 特點:

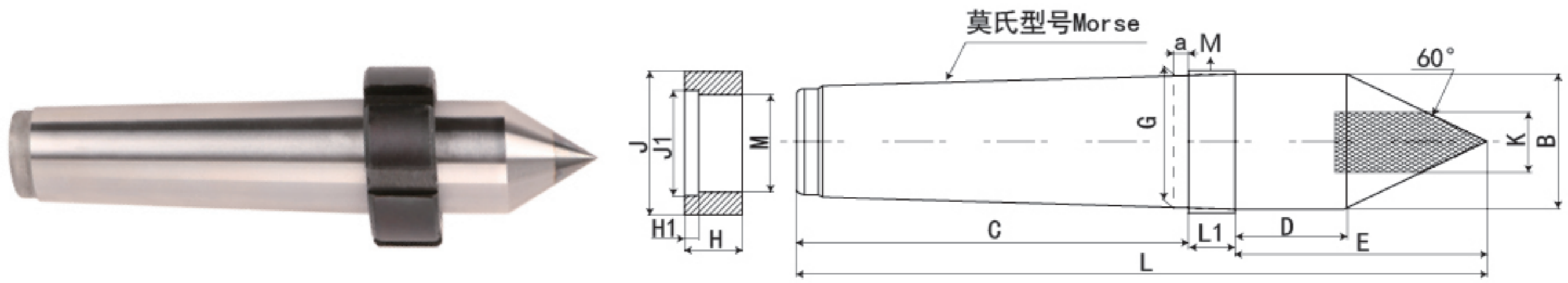
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 帶螺帽壓出固定合金頂尖

## CARBIDE CENTER WITH REMOVABLE NUT



| 莫氏型號<br>Morse | 規格<br>Type            | G      | L   | L1 | C   | D  | E   | B   | K  | a   | M         | J   | J1  | H  | H1 | 精度<br>Accuracy |
|---------------|-----------------------|--------|-----|----|-----|----|-----|-----|----|-----|-----------|-----|-----|----|----|----------------|
| MT3           | LMHJDJ-MT3-F112-60°   | 23.825 | 140 | 15 | 86  | 20 | 39  | 22  | 12 | 5   | M26*1.5P  | 43  | 28  | 15 | 5  | 0.003          |
| MT4           | LMHJDJ-MT4-F115-60°   | 31.267 | 175 | 15 | 109 | 25 | 51  | 30  | 12 | 6.5 | M34*1.5P  | 53  | 38  | 15 | 5  | 0.003          |
| MT5           | LMHJDJ-MT5-F118-60°   | 44.399 | 220 | 20 | 136 | 27 | 64  | 43  | 18 | 6.5 | M47*2.0P  | 63  | 49  | 20 | 7  | 0.003          |
| MT5           | LMHJDJ-MT5-F124-60°   | 44.399 | 220 | 20 | 136 | 27 | 64  | 43  | 24 | 6.5 | M47*2.0P  | 63  | 49  | 20 | 7  | 0.003          |
| MT5           | LMHJDJ-MT5-F130-60°   | 44.399 | 220 | 20 | 136 | 27 | 64  | 43  | 30 | 6.5 | M47*2.0P  | 63  | 49  | 20 | 7  | 0.003          |
| MT5           | LMHJDJ-MT5-F136-60°   | 44.399 | 220 | 20 | 136 | 27 | 64  | 43  | 36 | 6.5 | M47*2.0P  | 63  | 49  | 20 | 7  | 0.003          |
| MT5           | LMHJDJ-MT5-F140-60°   | 44.399 | 220 | 20 | 136 | 27 | 64  | 43  | 40 | 6.5 | M47*2.0P  | 63  | 49  | 20 | 7  | 0.003          |
| MT6           | LMHJDJ-MT6-F124-60°   | 63.348 | 300 | 20 | 190 | 27 | 90  | 62  | 24 | 8   | M68*2.0P  | 88  | 70  | 20 | 7  | 0.003          |
| MT6           | LMHJDJ-MT6-F140-60°   | 63.348 | 300 | 20 | 190 | 27 | 90  | 62  | 40 | 8   | M68*2.0P  | 88  | 70  | 20 | 7  | 0.003          |
| MT6           | LMHJDJ-MT6-F150-60°   | 63.348 | 300 | 20 | 190 | 27 | 90  | 62  | 50 | 8   | M68*2.0P  | 88  | 70  | 20 | 7  | 0.003          |
| 公制 80         | LMHJDJ-GZ80-F140-60°  | 80.00  | 330 | 30 | 204 | 32 | 96  | 80  | 40 | 8   | M84*2.0P  | 118 | 86  | 30 | 10 | 0.003          |
| 公制 80         | LMHJDJ-GZ80-F150-60°  | 80.00  | 330 | 30 | 204 | 32 | 96  | 80  | 50 | 8   | M84*2.0P  | 118 | 86  | 30 | 10 | 0.003          |
| 公制 80         | LMHJDJ-GZ80-F160-60°  | 80.00  | 330 | 30 | 204 | 32 | 96  | 80  | 60 | 8   | M84*2.0P  | 118 | 86  | 30 | 10 | 0.003          |
| 公制 100        | LMHJDJ-GZ100-F140-60° | 100.00 | 390 | 30 | 242 | 31 | 118 | 100 | 40 | 10  | M104*2.0P | 128 | 106 | 30 | 10 | 0.003          |
| 公制 100        | LMHJDJ-GZ100-F150-60° | 100.00 | 390 | 30 | 242 | 31 | 118 | 100 | 50 | 10  | M104*2.0P | 128 | 106 | 30 | 10 | 0.003          |
| 公制 100        | LMHJDJ-GZ100-F160-60° | 100.00 | 390 | 30 | 242 | 31 | 118 | 100 | 60 | 10  | M104*2.0P | 128 | 106 | 30 | 10 | 0.003          |
| 公制 120        | LMHJDJ-GZ120-F150-60° | 120.00 | 445 | 30 | 280 | 31 | 135 | 120 | 50 | 12  | M124*2.0P | 148 | 126 | 30 | 10 | 0.003          |
| 公制 120        | LMHJDJ-GZ120-F160-60° | 120.00 | 445 | 30 | 280 | 31 | 135 | 120 | 60 | 12  | M124*2.0P | 148 | 126 | 30 | 10 | 0.003          |

### 特點:

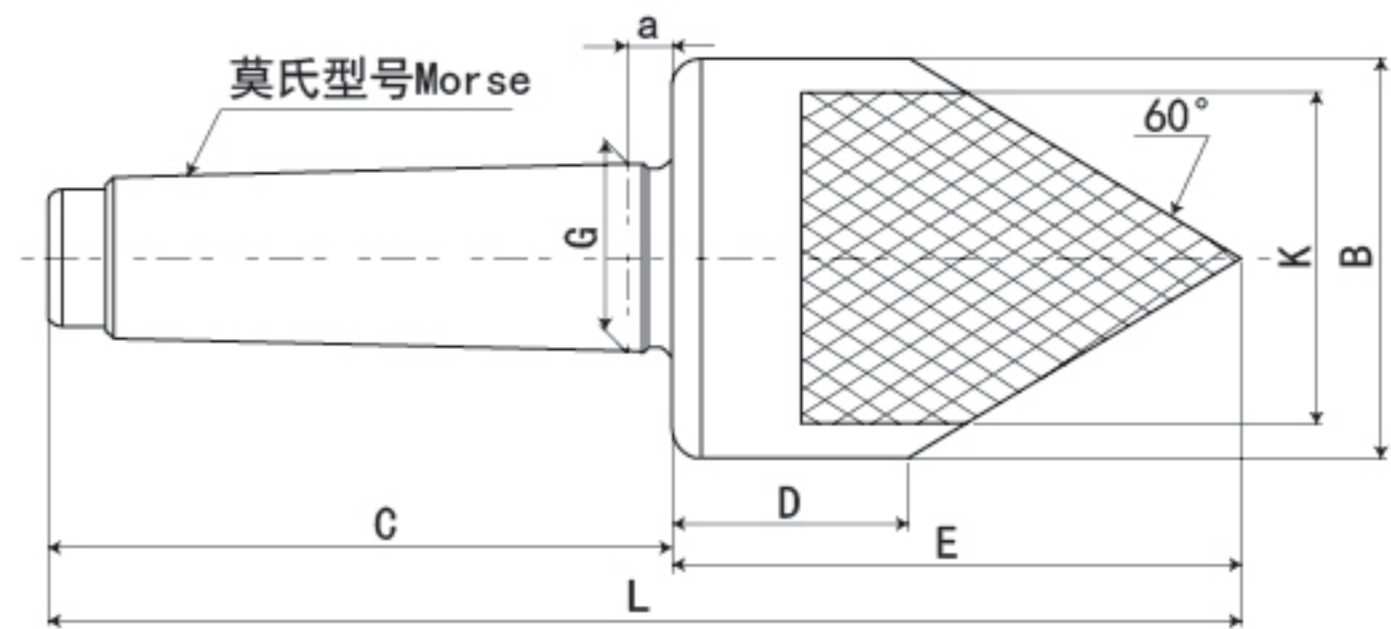
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

# 大頭固定合金頂尖

## OVERSIZED CARBIDE POINT DEAD CENTER



| 莫氏型號<br>Morse | 規格 Type             | G      | L   | C   | D  | E   | B   | K  | a   | 精度<br>Accuracy |
|---------------|---------------------|--------|-----|-----|----|-----|-----|----|-----|----------------|
| MT2           | DTHJDJ-MT2-F115-60° | 17.780 | 115 | 69  | 25 | 46  | 24  | 15 | 5   | 0.003          |
| MT2           | DTHJDJ-MT2-F118-60° | 17.780 | 117 | 69  | 25 | 48  | 27  | 18 | 5   | 0.003          |
| MT2           | DTHJDJ-MT2-F124-60° | 17.780 | 121 | 69  | 25 | 52  | 31  | 24 | 5   | 0.003          |
| MT2           | DTHJDJ-MT2-F130-60° | 17.780 | 127 | 69  | 25 | 58  | 38  | 30 | 5   | 0.003          |
| MT3           | DTHJDJ-MT3-F115-60° | 23.825 | 131 | 86  | 25 | 45  | 27  | 15 | 5   | 0.003          |
| MT3           | DTHJDJ-MT3-F118-60° | 23.825 | 131 | 86  | 25 | 45  | 27  | 18 | 5   | 0.003          |
| MT3           | DTHJDJ-MT3-F124-60° | 23.825 | 138 | 86  | 25 | 52  | 31  | 24 | 5   | 0.003          |
| MT3           | DTHJDJ-MT3-F130-60° | 23.825 | 145 | 86  | 25 | 59  | 39  | 30 | 5   | 0.003          |
| MT3           | DTHJDJ-MT3-F136-60° | 23.825 | 157 | 86  | 30 | 71  | 47  | 36 | 5   | 0.003          |
| MT3           | DTHJDJ-MT3-F140-60° | 23.825 | 163 | 86  | 30 | 77  | 54  | 40 | 5   | 0.003          |
| MT3           | DTHJDJ-MT3-F150-60° | 23.825 | 171 | 86  | 30 | 85  | 64  | 50 | 5   | 0.003          |
| MT4           | DTHJDJ-MT4-F118-60° | 31.267 | 166 | 109 | 30 | 57  | 31  | 18 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F124-60° | 31.267 | 173 | 109 | 30 | 64  | 39  | 24 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F130-60° | 31.267 | 173 | 109 | 30 | 64  | 39  | 30 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F136-60° | 31.267 | 181 | 109 | 30 | 72  | 49  | 36 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F140-60° | 31.267 | 191 | 109 | 35 | 82  | 54  | 40 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F150-60° | 31.267 | 204 | 109 | 35 | 95  | 69  | 50 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F160-60° | 31.267 | 217 | 109 | 40 | 108 | 79  | 60 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F170-60° | 31.267 | 226 | 109 | 40 | 117 | 89  | 70 | 6.5 | 0.003          |
| MT4           | DTHJDJ-MT4-F180-60° | 31.267 | 246 | 109 | 50 | 137 | 100 | 80 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F124-60° | 44.399 | 210 | 136 | 38 | 74  | 42  | 24 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F130-60° | 44.399 | 210 | 136 | 38 | 74  | 42  | 30 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F136-60° | 44.399 | 208 | 136 | 30 | 72  | 49  | 36 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F140-60° | 44.399 | 218 | 136 | 35 | 82  | 54  | 40 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F150-60° | 44.399 | 231 | 136 | 35 | 95  | 69  | 50 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F160-60° | 44.399 | 244 | 136 | 40 | 108 | 79  | 60 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F170-60° | 44.399 | 253 | 136 | 40 | 117 | 89  | 70 | 6.5 | 0.003          |
| MT5           | DTHJDJ-MT5-F180-60° | 44.399 | 273 | 136 | 50 | 137 | 100 | 80 | 6.5 | 0.003          |
| MT6           | DTHJDJ-MT6-F130-60° | 63.348 | 281 | 190 | 39 | 91  | 60  | 30 | 8   | 0.003          |
| MT6           | DTHJDJ-MT6-F136-60° | 63.348 | 281 | 190 | 39 | 91  | 60  | 36 | 8   | 0.003          |
| MT6           | DTHJDJ-MT6-F140-60° | 63.348 | 291 | 190 | 49 | 101 | 60  | 40 | 8   | 0.003          |
| MT6           | DTHJDJ-MT6-F150-60° | 63.348 | 290 | 190 | 40 | 100 | 69  | 50 | 8   | 0.003          |
| MT6           | DTHJDJ-MT6-F160-60° | 63.348 | 303 | 190 | 45 | 113 | 79  | 60 | 8   | 0.003          |
| MT6           | DTHJDJ-MT6-F170-60° | 63.348 | 307 | 190 | 40 | 117 | 89  | 70 | 8   | 0.003          |
| MT6           | DTHJDJ-MT6-F180-60° | 63.348 | 326 | 190 | 50 | 136 | 100 | 80 | 8   | 0.003          |

### 特點:

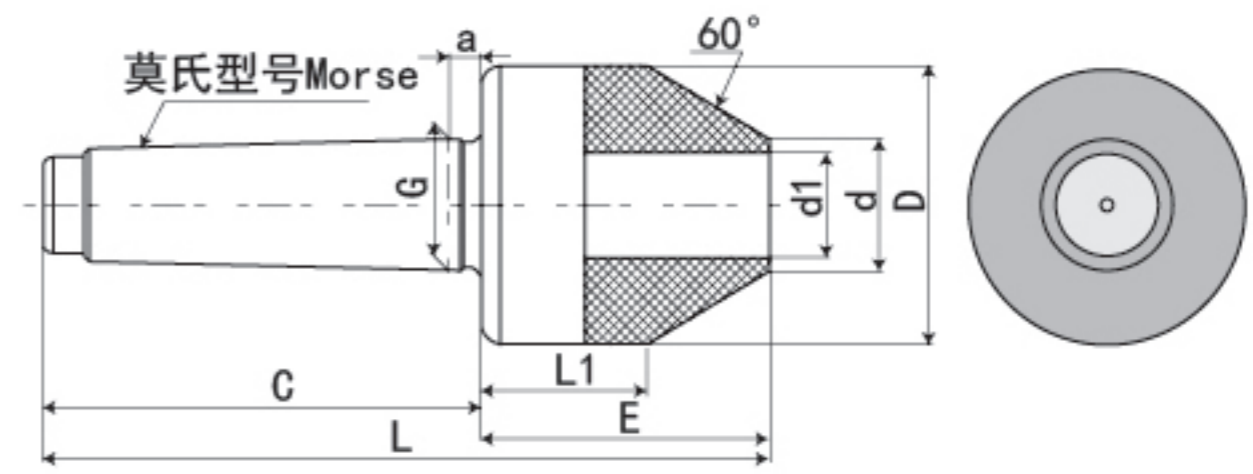
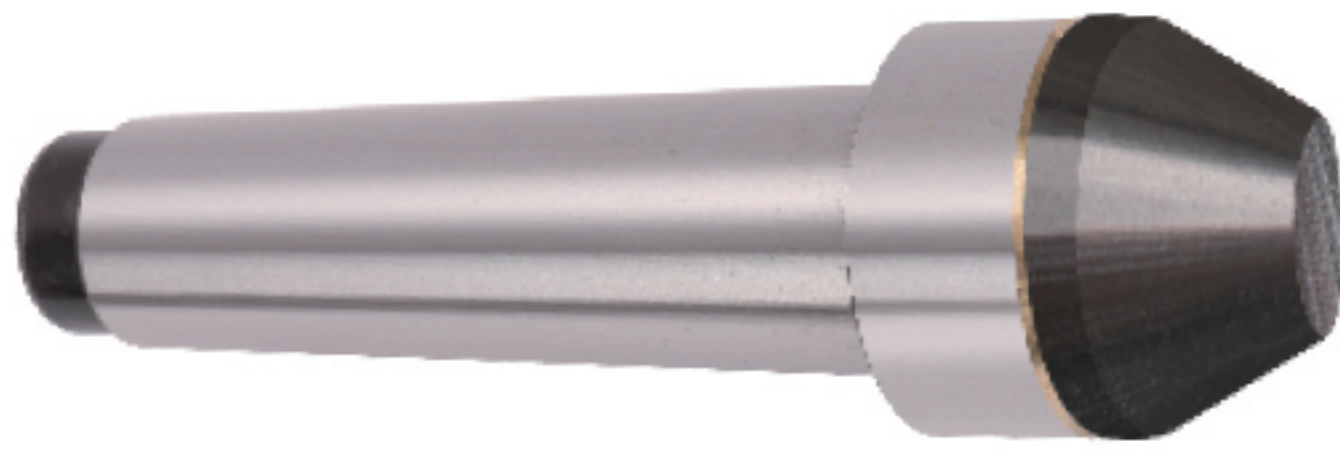
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 該頂尖加大了頭部合金, 適合大基準孔的加工使用
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- With added alloy at the head, the center is applicable to the processing of holes with big benchmarks.
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 平頭固定合金頂尖

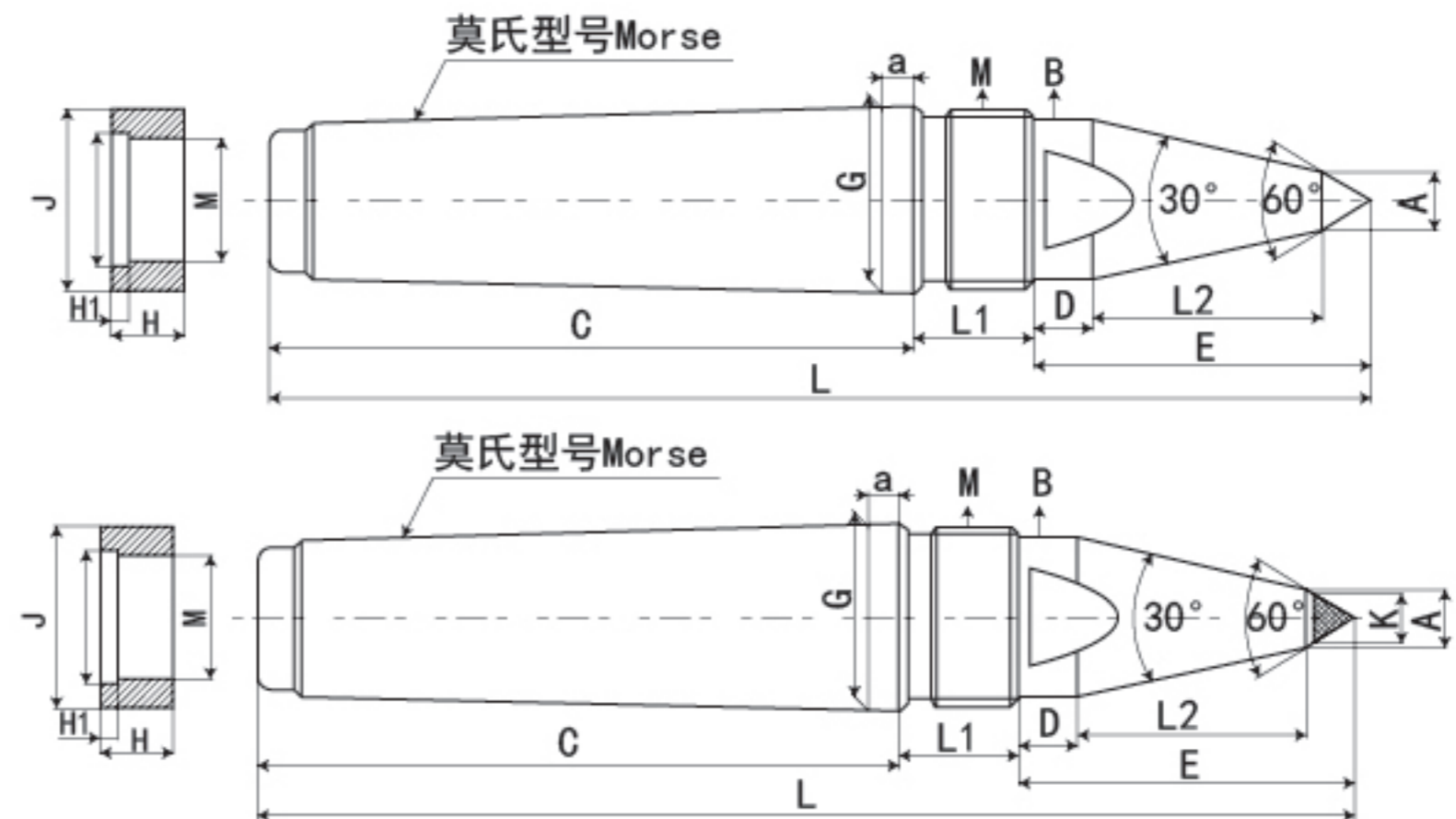
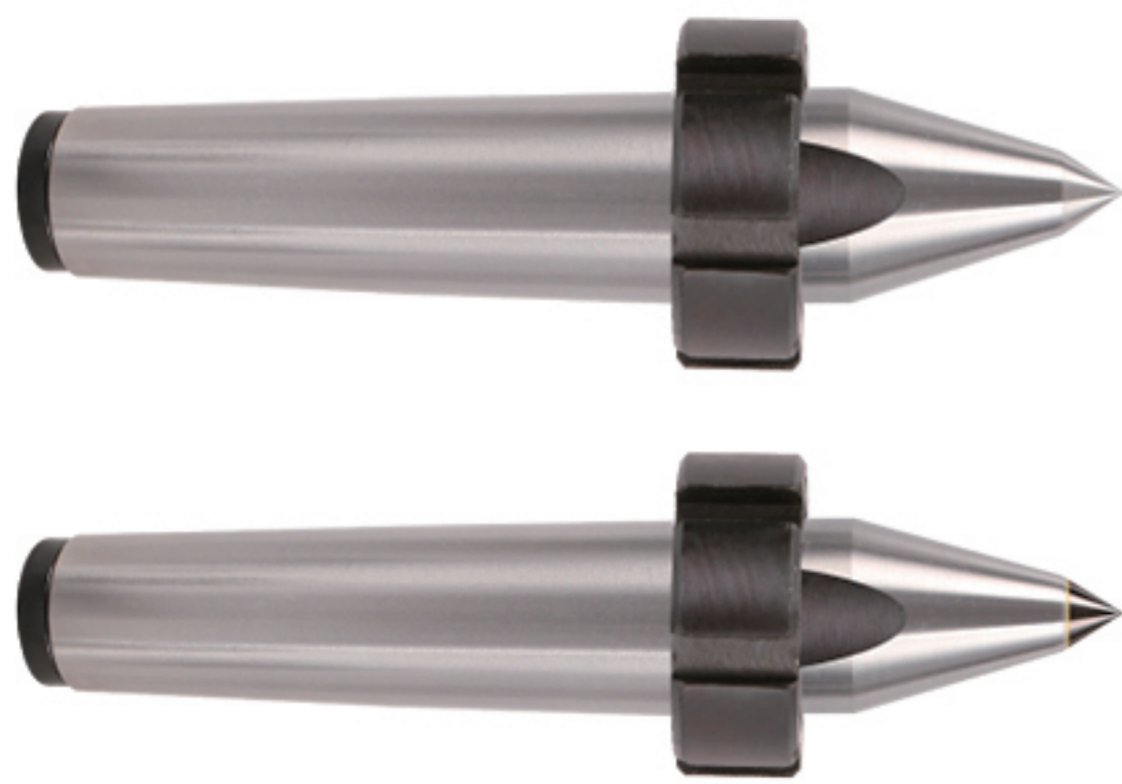
## FLAT CARBIDE POINT DEAD CENTER



| 莫氏型號<br>Morse | 規格<br>Type              | G      | L   | C   | L1 | E  | D   | d  | d1 | a   | 精度<br>Accuracy |
|---------------|-------------------------|--------|-----|-----|----|----|-----|----|----|-----|----------------|
| MT2           | PTHJDJ-MT2-D40-d20-60°  | 17.780 | 116 | 69  | 30 | 47 | 40  | 20 | 10 | 5   | 0.003          |
| MT2           | PTHJDJ-MT2-D50-d20-60°  | 17.780 | 125 | 69  | 30 | 56 | 50  | 20 | 10 | 5   | 0.003          |
| MT2           | PTHJDJ-MT2-D60-d30-60°  | 17.780 | 130 | 69  | 35 | 61 | 60  | 30 | 20 | 5   | 0.003          |
| MT3           | PTHJDJ-MT3-D40-d20-60°  | 23.825 | 133 | 86  | 30 | 47 | 40  | 20 | 10 | 5   | 0.003          |
| MT3           | PTHJDJ-MT3-D50-d20-60°  | 23.825 | 142 | 86  | 30 | 56 | 50  | 20 | 10 | 5   | 0.003          |
| MT3           | PTHJDJ-MT3-D60-d30-60°  | 23.825 | 147 | 86  | 35 | 61 | 60  | 30 | 20 | 5   | 0.003          |
| MT3           | PTHJDJ-MT3-D80-d35-60°  | 23.825 | 165 | 86  | 40 | 79 | 80  | 35 | 25 | 5   | 0.003          |
| MT4           | PTHJDJ-MT4-D40-d20-60°  | 31.267 | 156 | 109 | 30 | 47 | 40  | 20 | 10 | 6.5 | 0.003          |
| MT4           | PTHJDJ-MT4-D50-d20-60°  | 31.267 | 165 | 109 | 30 | 56 | 50  | 20 | 10 | 6.5 | 0.003          |
| MT4           | PTHJDJ-MT4-D60-d30-60°  | 31.267 | 170 | 109 | 35 | 61 | 60  | 30 | 20 | 6.5 | 0.003          |
| MT4           | PTHJDJ-MT4-D80-d35-60°  | 31.267 | 188 | 109 | 40 | 79 | 80  | 35 | 25 | 6.5 | 0.003          |
| MT5           | PTHJDJ-MT4-D100-d50-60° | 44.399 | 192 | 109 | 40 | 83 | 100 | 50 | 40 | 6.5 | 0.003          |
| MT5           | PTHJDJ-MT5-D40-d20-60°  | 44.399 | 183 | 136 | 30 | 47 | 40  | 20 | 10 | 6.5 | 0.003          |
| MT5           | PTHJDJ-MT5-D50-d20-60°  | 44.399 | 192 | 136 | 30 | 56 | 50  | 20 | 10 | 6.5 | 0.003          |
| MT5           | PTHJDJ-MT5-D60-d30-60°  | 44.399 | 197 | 136 | 35 | 61 | 60  | 30 | 20 | 6.5 | 0.003          |
| MT5           | PTHJDJ-MT5-D80-d35-60°  | 44.399 | 215 | 136 | 40 | 79 | 80  | 35 | 25 | 6.5 | 0.003          |
| MT5           | PTHJDJ-MT5-D100-d50-60° | 44.399 | 219 | 136 | 40 | 83 | 100 | 50 | 40 | 6.5 | 0.003          |
| MT6           | PTHJDJ-MT6-D60-d30-60°  | 63.348 | 251 | 190 | 35 | 61 | 60  | 30 | 20 | 8   | 0.003          |
| MT6           | PTHJDJ-MT6-D80-d35-60°  | 63.348 | 269 | 190 | 40 | 79 | 80  | 35 | 25 | 8   | 0.003          |
| MT6           | PTHJDJ-MT6-D100-d50-60° | 63.348 | 273 | 190 | 40 | 83 | 100 | 50 | 40 | 8   | 0.003          |

## CNC 用固定頂尖

## CNC THREADED DEAD CENTER



| 莫氏型號<br>Morse | 規格<br>Type             | G      | L   | L1 | L2 | C   | D  | E  | B  | K  | A  | a   | M        | J  | J1 | H  | H1 | 精度<br>Accuracy |
|---------------|------------------------|--------|-----|----|----|-----|----|----|----|----|----|-----|----------|----|----|----|----|----------------|
| MT3           | CNCGDDJ-MT3-60°        | 23.825 | 149 | 20 | 22 | 86  | 12 | 43 | 22 | /  | 10 | 5   | M26*1.5P | 43 | 28 | 15 | 5  | 0.003          |
| MT3           | CNCGDHJDJ-MT3-F106-60° | 23.825 | 149 | 20 | 22 | 86  | 12 | 43 | 22 | 6  | 10 | 5   | M26*1.5P | 43 | 28 | 15 | 5  | 0.003          |
| MT4           | CNCGDDJ-MT4-60°        | 31.267 | 186 | 20 | 33 | 109 | 14 | 57 | 30 | /  | 12 | 6.5 | M34*1.5P | 53 | 38 | 15 | 5  | 0.003          |
| MT4           | CNCGDHJDJ-MT4-F108-60° | 31.267 | 186 | 20 | 33 | 109 | 14 | 57 | 30 | 8  | 12 | 6.5 | M34*1.5P | 53 | 38 | 15 | 5  | 0.003          |
| MT5           | CNCGDDJ-MT5-60°        | 44.399 | 236 | 25 | 45 | 136 | 16 | 75 | 40 | /  | 16 | 6.5 | M47*2.0P | 63 | 49 | 20 | 7  | 0.003          |
| MT5           | CNCGDHJDJ-MT5-F112-60° | 44.399 | 236 | 25 | 45 | 136 | 16 | 75 | 40 | 12 | 16 | 6.5 | M47*2.0P | 63 | 49 | 20 | 7  | 0.003          |

### 特點:

- 頂尖頭部減小直徑，適合 CNC 機床細軸或端面加工使用。
- 頂尖使用合金工具，經熱處理後，具備高鋼性和高耐磨性。
- 錐體大端配有拆卸螺紋，方便拆卸，提高使用效率。
- 頂尖頭部鑲嵌了硬質合金，具備高耐磨性。

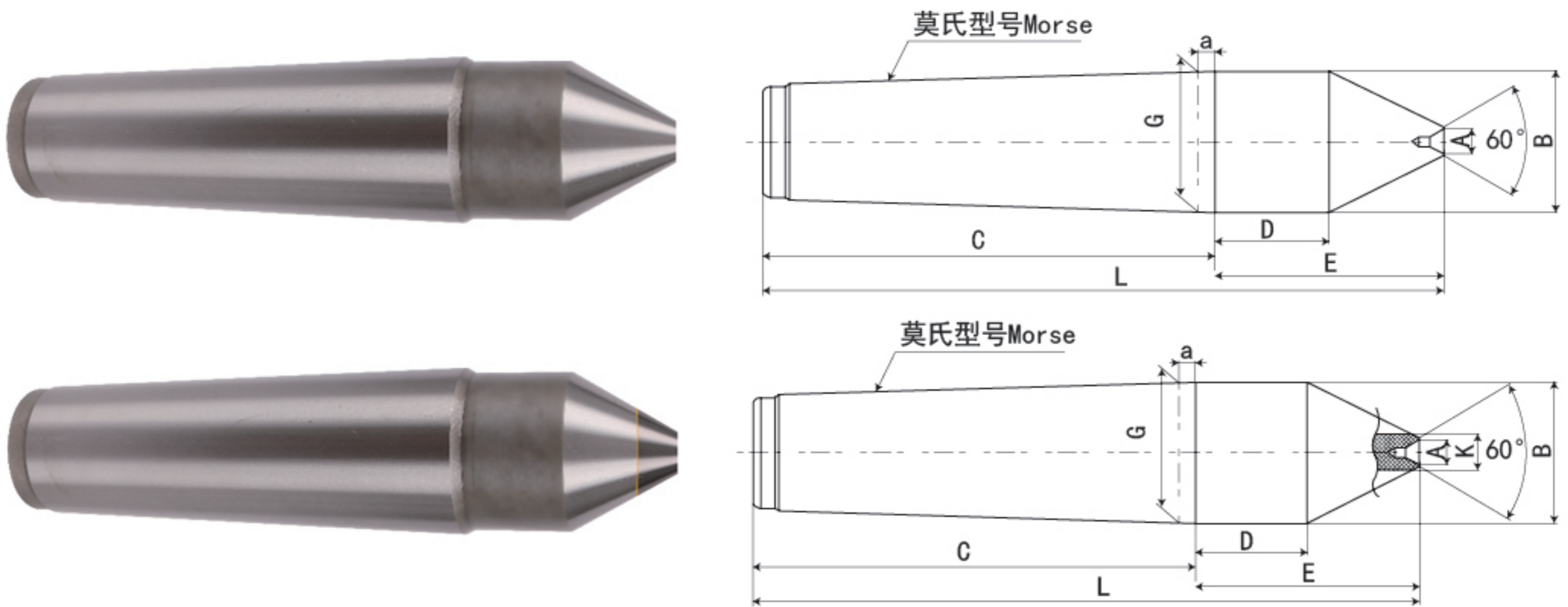
### Features:

- With reduced diameter of the head, the center is applicable to the processing of thin shaft or end faces of CNC lathes.
- The center is made of alloy tool steel and its hardness after being heat treated has high steel performance and high wear resistance.
- With the disassembling thread on the big end of the cone, it is easy to disassemble so as to improve the efficiency.
- The center head is embedded with hard alloy to improve the wear resistance.



# 固定内凹顶尖

## FEMALE SOLID CENTERS OF CARBIDE TIPPED



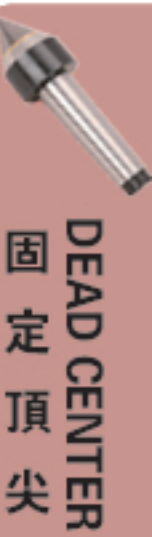
| 莫氏型號<br>Morse | 規格<br>Type          | G      | L   | C   | D  | E  | B    | K | A | a   | 精度<br>Accuracy |
|---------------|---------------------|--------|-----|-----|----|----|------|---|---|-----|----------------|
| MT1           | GDNADJ-MT1-60°      | 12.065 | 73  | 57  | 11 | 16 | 12.2 | / |   | 3.5 | 0.003          |
| MT1           | GDNAHJDJ-MT1-K6-60° | 12.065 | 73  | 57  | 11 | 16 | 12.2 | 6 |   | 3.5 | 0.003          |
| MT2           | GDNADJ-MT2-60°      | 17.780 | 93  | 69  | 16 | 24 | 18   | / |   | 5   | 0.003          |
| MT2           | GDNAHJDJ-MT2-K8-60° | 17.780 | 93  | 69  | 16 | 24 | 18   | 8 |   | 5   | 0.003          |
| MT3           | GDNADJ-MT3-60°      | 23.825 | 118 | 86  | 18 | 32 | 24.1 | / |   | 5   | 0.003          |
| MT3           | GDNAHJDJ-MT3-K8-60° | 23.825 | 118 | 86  | 18 | 32 | 24.1 | 8 |   | 5   | 0.003          |
| MT4           | GDNADJ-MT4-60°      | 31.267 | 153 | 109 | 24 | 44 | 31.6 | / |   | 6.5 | 0.003          |
| MT4           | GDNAHJDJ-MT4-K8-60° | 31.267 | 153 | 109 | 24 | 44 | 31.6 | 8 |   | 6.5 | 0.003          |

### 特點:

◎心軸頭部為反中心孔設計，專門用于 60° 工藝基準或其他反中心基準使用

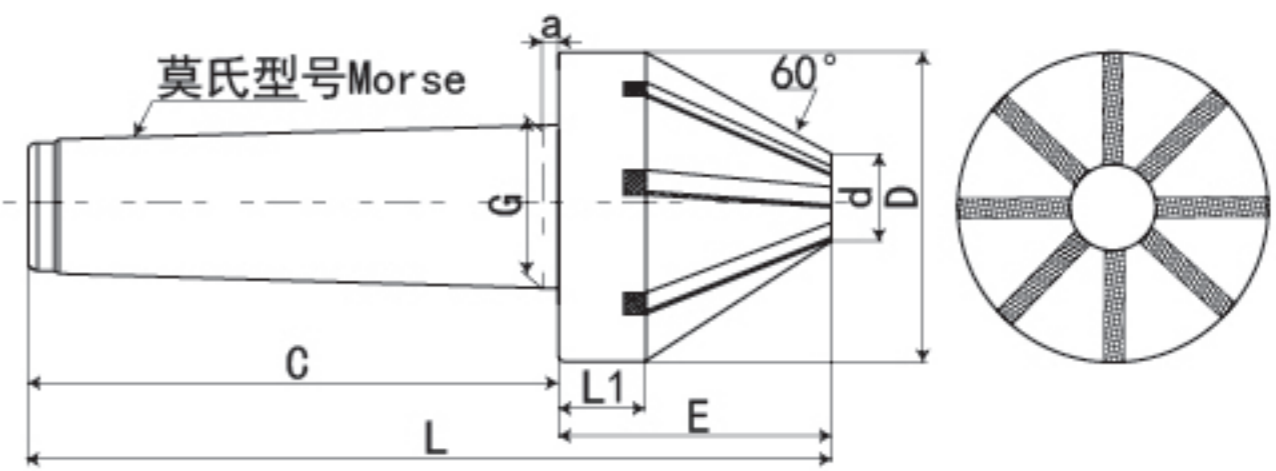
### Features:

◎ With the anti-central-hole design in the mandrel head, it is specially designed to process 60 ° technique benchmark or other anti-central-hole benchmarks.



## 固定合金條頂尖

## DEAD ALLOY BAR CENTER



| 莫氏型號<br>Morse | 規格<br>Type                  | G      | L   | L1 | C   | E  | D   | d  | a   | 合金條<br>數量 P | 精度<br>Accuracy |
|---------------|-----------------------------|--------|-----|----|-----|----|-----|----|-----|-------------|----------------|
| MT2           | HJTDJ-MT2-D63-d25-60° -6P   | 17.780 | 132 | 30 | 69  | 63 | 63  | 25 | 5   | 6           | 0.003          |
| MT3           | HJTDJ-MT3-D63-d25-60° -6P   | 23.825 | 149 | 30 | 86  | 63 | 63  | 25 | 5   | 6           | 0.003          |
| MT3           | HJTDJ-MT3-D83-d35-60° -9P   | 23.825 | 158 | 30 | 86  | 72 | 83  | 35 | 5   | 9           | 0.003          |
| MT4           | HJTDJ-MT4-D63-d25-60° -6P   | 31.267 | 172 | 30 | 109 | 63 | 63  | 25 | 6.5 | 6           | 0.003          |
| MT4           | HJTDJ-MT4-D83-d35-60° -9P   | 31.267 | 181 | 30 | 109 | 72 | 83  | 35 | 6.5 | 9           | 0.003          |
| MT4           | HJTDJ-MT4-D103-d50-60° -12P | 31.267 | 185 | 30 | 109 | 76 | 103 | 50 | 6.5 | 12          | 0.003          |
| MT5           | HJTDJ-MT5-D63-d25-60° -6P   | 44.399 | 199 | 30 | 136 | 63 | 63  | 25 | 6.5 | 6           | 0.003          |
| MT5           | HJTDJ-MT5-D83-d35-60° -9P   | 44.399 | 208 | 30 | 136 | 72 | 83  | 35 | 6.5 | 9           | 0.003          |
| MT5           | HJTDJ-MT5-D103-d50-60° -12P | 44.399 | 212 | 30 | 136 | 76 | 103 | 50 | 6.5 | 12          | 0.003          |

### 特點:

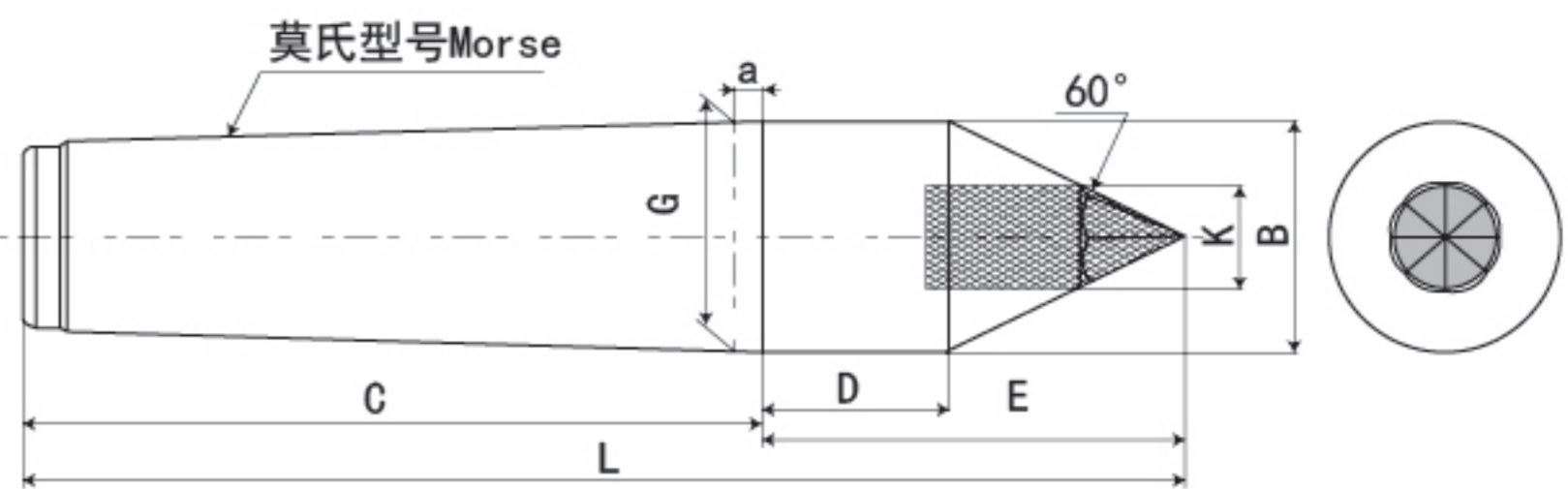
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金條材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 該頂尖加大了頭部合金, 適合大基準孔的加工使用
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy bar Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- With added alloy at the head, the center is applicable to the processing of holes with big benchmarks.
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 固定合金研磨頂尖

## CARBIDE GRIND CENTER



| 莫氏型號<br>Morse | 規格<br>Type          | G      | L   | C   | D    | E  | B    | K  | a   | 精度<br>Accuracy |
|---------------|---------------------|--------|-----|-----|------|----|------|----|-----|----------------|
| MT1           | HJYMDJ-MT1-F108-60° | 12.065 | 80  | 57  | 10.5 | 23 | 12.2 | 8  | 3.5 | 0.003          |
| MT2           | HJYMDJ-MT2-F108-60° | 17.780 | 100 | 69  | 15.5 | 31 | 18   | 8  | 5   | 0.003          |
| MT3           | HJYMDJ-MT3-F112-60° | 23.825 | 125 | 86  | 18   | 39 | 24.1 | 12 | 5   | 0.003          |
| MT4           | HJYMDJ-MT4-F115-60° | 31.267 | 160 | 109 | 23.5 | 51 | 31.6 | 15 | 6.5 | 0.003          |
| MT5           | HJYMDJ-MT5-F118-60° | 44.399 | 200 | 136 | 25   | 64 | 44.7 | 18 | 6.5 | 0.003          |
| MT6           | HJYMDJ-MT6-F124-60° | 63.348 | 280 | 190 | 35   | 90 | 63.8 | 24 | 8   | 0.003          |

### 特點:

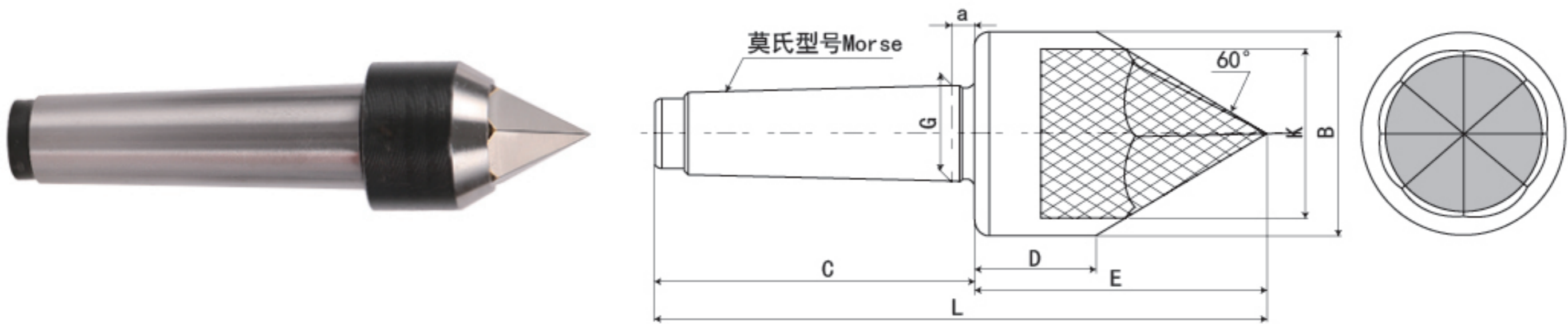
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 利用頂尖頭棱角對工件中心孔進入研磨, 從而提高工件加工精度。
- 頂尖頭鑲嵌硬質合金。

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- The parts automatic lapping for sure the centre hole.
- The center end with carbide.

## 大頭固定合金研磨頂尖

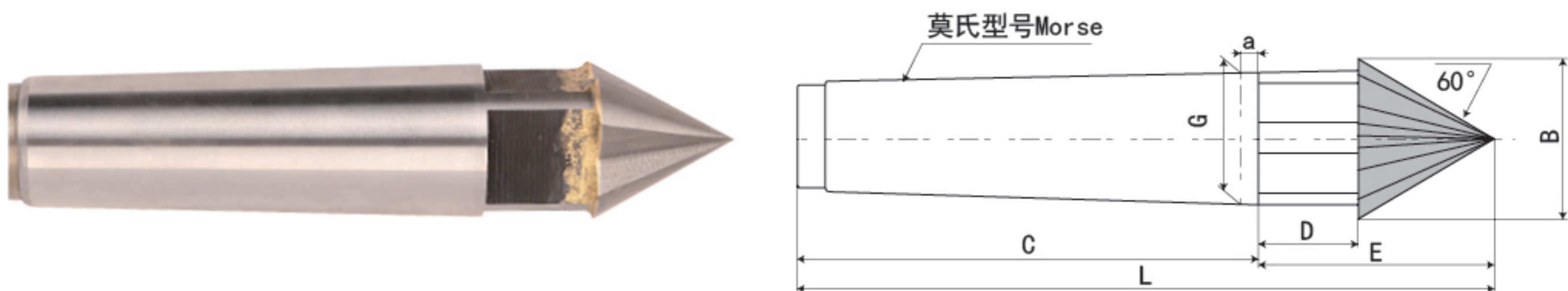
## OVERSIZED CARBIDE POINT DEAD GRIND CENTER



| 莫氏型號<br>Morse | 規格<br>Type            | G      | L   | C   | D  | E  | B  | K  | a   | 精度<br>Accuracy |
|---------------|-----------------------|--------|-----|-----|----|----|----|----|-----|----------------|
| MT1           | DTHJYMDJ-MT1-F112-60° | 12.065 | 103 | 57  | 25 | 46 | 24 | 12 | 3.5 | 0.003          |
| MT1           | DTHJYMDJ-MT1-F115-60° | 12.065 | 103 | 57  | 25 | 46 | 24 | 15 | 3.5 | 0.003          |
| MT2           | DTHJYMDJ-MT2-F115-60° | 17.780 | 115 | 69  | 25 | 46 | 24 | 15 | 5   | 0.003          |
| MT2           | DTHJYMDJ-MT2-F118-60° | 17.780 | 117 | 69  | 25 | 48 | 27 | 18 | 5   | 0.003          |
| MT2           | DTHJYMDJ-MT2-F124-60° | 17.780 | 121 | 69  | 25 | 52 | 31 | 24 | 5   | 0.003          |
| MT3           | DTHJYMDJ-MT3-F115-60° | 23.825 | 131 | 86  | 25 | 45 | 27 | 15 | 5   | 0.003          |
| MT3           | DTHJYMDJ-MT3-F118-60° | 23.825 | 131 | 86  | 25 | 45 | 27 | 18 | 5   | 0.003          |
| MT3           | DTHJYMDJ-MT3-F124-60° | 23.825 | 138 | 86  | 25 | 52 | 31 | 24 | 5   | 0.003          |
| MT3           | DTHJYMDJ-MT3-F130-60° | 23.825 | 145 | 86  | 25 | 59 | 39 | 30 | 5   | 0.003          |
| MT4           | DTHJYMDJ-MT4-F118-60° | 31.267 | 166 | 109 | 30 | 57 | 31 | 18 | 6.5 | 0.003          |
| MT4           | DTHJYMDJ-MT4-F124-60° | 31.267 | 173 | 109 | 30 | 64 | 39 | 24 | 6.5 | 0.003          |
| MT4           | DTHJYMDJ-MT4-F130-60° | 31.267 | 173 | 109 | 30 | 64 | 39 | 30 | 6.5 | 0.003          |
| MT4           | DTHJYMDJ-MT4-F136-60° | 31.267 | 181 | 109 | 30 | 72 | 49 | 36 | 6.5 | 0.003          |
| MT4           | DTHJYMDJ-MT4-F140-60° | 31.267 | 191 | 109 | 35 | 82 | 54 | 40 | 6.5 | 0.003          |
| MT5           | DTHJYMDJ-MT5-F124-60° | 44.399 | 210 | 136 | 38 | 74 | 42 | 24 | 6.5 | 0.003          |
| MT5           | DTHJYMDJ-MT5-F130-60° | 44.399 | 210 | 136 | 38 | 74 | 42 | 30 | 6.5 | 0.003          |
| MT5           | DTHJYMDJ-MT5-F136-60° | 44.399 | 210 | 136 | 38 | 74 | 42 | 36 | 6.5 | 0.003          |
| MT5           | DTHJYMDJ-MT5-F140-60° | 44.399 | 208 | 136 | 30 | 72 | 49 | 40 | 6.5 | 0.003          |

## 萬能固定合金頂尖

## UNIVERSAL CARBIDE CENTER



| 莫氏型號<br>Morse | 規格<br>Type          | G      | L   | C   | D  | E  | B  | a   | 精度<br>Accuracy |
|---------------|---------------------|--------|-----|-----|----|----|----|-----|----------------|
| MT1           | WNHJDJ-MT1-F115-60° | 12.065 | 80  | 57  | 10 | 23 | 15 | 3.5 | 0.003          |
| MT2           | WNHJDJ-MT2-F121-60° | 17.780 | 100 | 69  | 13 | 31 | 21 | 5   | 0.003          |
| MT3           | WNHJDJ-MT3-F125-60° | 23.825 | 125 | 86  | 17 | 39 | 25 | 5   | 0.003          |
| MT4           | WNHJDJ-MT4-F135-60° | 31.267 | 160 | 109 | 21 | 61 | 35 | 6.5 | 0.003          |
| MT5           | WNHJDJ-MT5-F150-60° | 44.399 | 200 | 136 | 21 | 64 | 50 | 6.5 | 0.003          |
| MT6           | WNHJDJ-MT6-F170-60° | 63.348 | 280 | 190 | 29 | 90 | 70 | 8   | 0.003          |

### 特點:

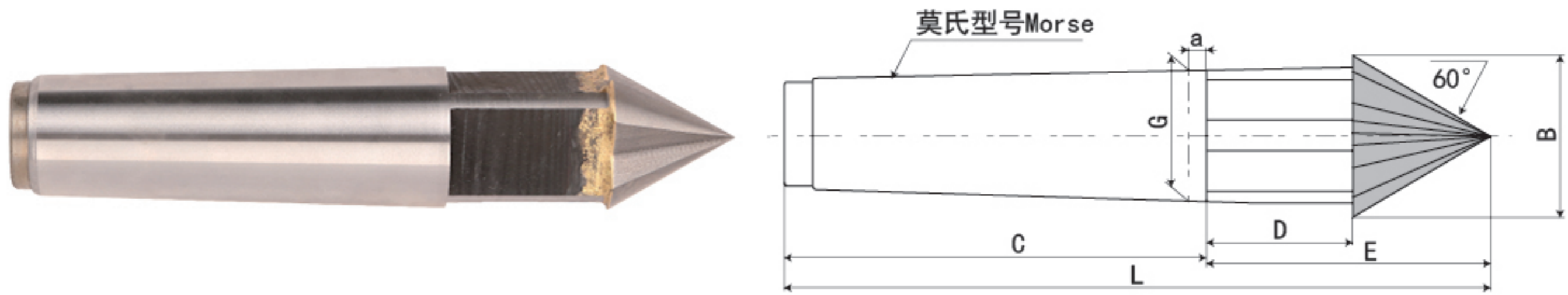
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 利用頂尖頭棱角對工件中心孔進入研磨,從而提高工件加工精度。
- 頂尖頭鑲嵌硬質合金。
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- The parts automatic lapping for sure the centre hole.
- The center end with carbide.
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 加長萬能固定合金頂尖

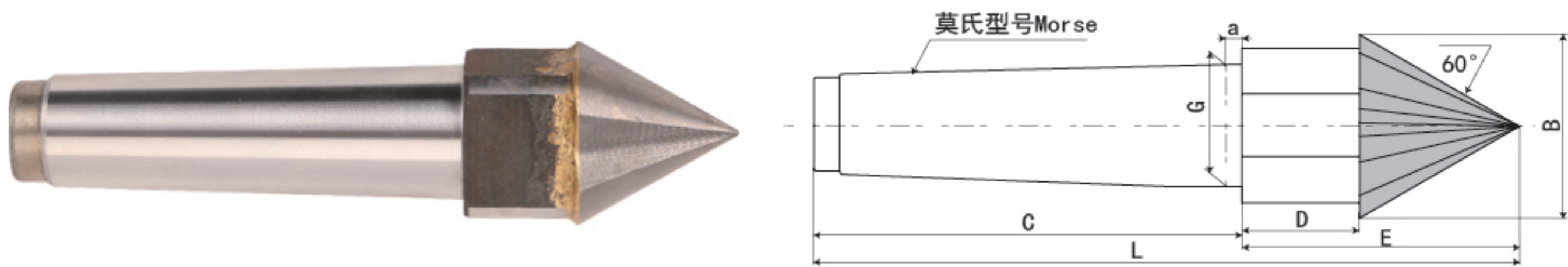
## LENGTHEN UNIVERSAL CARBIDE CENTER



| 莫氏型號<br>Morse | 規格<br>Type                  | G      | L   | C   | D  | E   | B  | a   | 精度<br>Accuracy |
|---------------|-----------------------------|--------|-----|-----|----|-----|----|-----|----------------|
| MT1           | JCWNHJDJ-MT1-F115-60° -90L  | 12.065 | 90  | 57  | 20 | 33  | 15 | 3.5 | 0.003          |
| MT2           | JCWNHJDJ-MT2-F121-60° -110L | 17.780 | 110 | 69  | 23 | 41  | 21 | 5   | 0.003          |
| MT3           | JCWNHJDJ-MT3-F125-60° -140L | 23.825 | 140 | 86  | 32 | 54  | 25 | 5   | 0.003          |
| MT4           | JCWNHJDJ-MT4-F135-60° -180L | 31.267 | 180 | 109 | 41 | 71  | 35 | 6.5 | 0.003          |
| MT5           | JCWNHJDJ-MT5-F150-60° -220L | 44.399 | 220 | 136 | 41 | 84  | 50 | 6.5 | 0.003          |
| MT6           | JCWNHJDJ-MT6-F170-60° -300L | 63.348 | 300 | 190 | 49 | 110 | 70 | 8   | 0.003          |

## 大頭萬能固定合金頂尖

## OVERSIZED UNIVERSAL CARBIDE CENTER



| 莫氏型號<br>Morse | 規格<br>Type            | G      | L   | C   | D  | E   | B  | a   | 精度<br>Accuracy |
|---------------|-----------------------|--------|-----|-----|----|-----|----|-----|----------------|
| MT2           | DTWNHJDJ-MT2-F125-60° | 17.780 | 110 | 69  | 19 | 41  | 25 | 5   | 0.003          |
| MT2           | DTWNHJDJ-MT2-F135-60° | 17.780 | 110 | 69  | 11 | 41  | 35 | 5   | 0.003          |
| MT3           | DTWNHJDJ-MT3-F135-60° | 23.825 | 140 | 86  | 23 | 54  | 35 | 5   | 0.003          |
| MT3           | DTWNHJDJ-MT3-F150-60° | 23.825 | 140 | 86  | 10 | 54  | 50 | 5   | 0.003          |
| MT4           | DTWNHJDJ-MT4-F150-60° | 31.267 | 180 | 109 | 27 | 71  | 50 | 6.5 | 0.003          |
| MT4           | DTWNHJDJ-MT4-F170-60° | 31.267 | 180 | 109 | 10 | 71  | 70 | 6.5 | 0.003          |
| MT5           | DTWNHJDJ-MT5-F170-60° | 44.399 | 220 | 136 | 23 | 84  | 70 | 6.5 | 0.003          |
| MT5           | DTWNHJDJ-MT5-F180-60° | 44.399 | 220 | 136 | 15 | 84  | 80 | 6.5 | 0.003          |
| MT6           | DTWNHJDJ-MT6-F180-60° | 63.348 | 300 | 190 | 41 | 110 | 80 | 8   | 0.003          |
| MT6           | DTWNHJDJ-MT6-F195-60° | 63.348 | 300 | 190 | 28 | 110 | 95 | 8   | 0.003          |

### 特點:

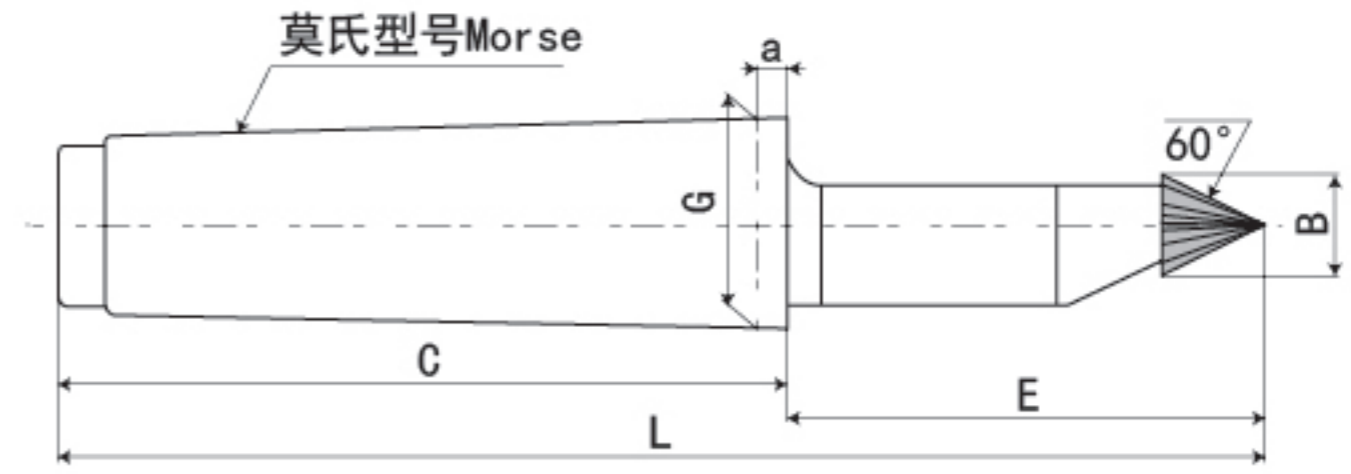
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 利用頂尖頭棱角對工件中心孔進入研磨, 從而提高工件加工精度。
- 頂尖頭鑲嵌硬質合金。
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- The parts automatic lapping for sure the centre hole.
- The center end with carbide.
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 半缺萬能固定合金頂尖

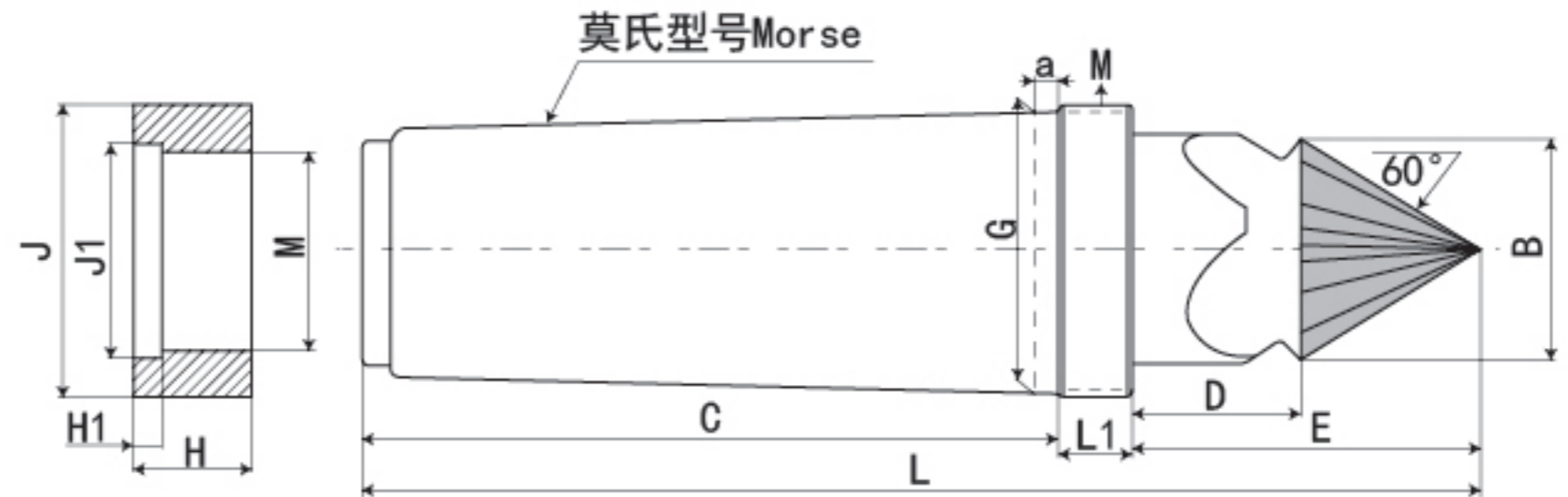
## HALF-NOTCHED UNIVERSAL CARBIDE CENTER



| 莫氏型號 Morse | 規格 Type                   | G      | C   | E   | L   | B    | a   | 加長型 L | 超加長型 L | 精度 Accuracy |
|------------|---------------------------|--------|-----|-----|-----|------|-----|-------|--------|-------------|
| MT2        | WNDJ-MT2-BQ7.5-60° -110L  | 17.78  | 69  | 41  | 110 | 7.5  | 5   | 120   | 130    | 0.003       |
| MT2        | WNDJ-MT2-BQ10.5-60° -110L | 17.78  | 69  | 41  | 110 | 10.5 | 5   | 120   | 130    |             |
| MT2        | WNDJ-MT2-BQ15-60° -110L   | 17.78  | 69  | 41  | 110 | 15   | 5   | 120   | 130    |             |
| MT3        | WNDJ-MT3-BQ7.5-60° -140L  | 23.825 | 86  | 54  | 140 | 7.5  | 5   | 160   | 180    |             |
| MT3        | WNDJ-MT3-BQ10.5-60° -140L | 23.825 | 86  | 54  | 140 | 10.5 | 5   | 160   | 180    |             |
| MT3        | WNDJ-MT3-BQ15-60° -140L   | 23.825 | 86  | 54  | 140 | 15   | 5   | 160   | 180    |             |
| MT3        | WNDJ-MT3-BQ21-60° -140L   | 23.825 | 86  | 54  | 140 | 21   | 5   | 160   | 180    |             |
| MT4        | WNDJ-MT4-BQ7.5-60° -180L  | 31.267 | 109 | 71  | 180 | 7.5  | 6.5 | 200   | 220    |             |
| MT4        | WNDJ-MT4-BQ10.5-60° -180L | 31.267 | 109 | 71  | 180 | 10.5 | 6.5 | 200   | 220    |             |
| MT4        | WNDJ-MT4-BQ15-60° -180L   | 31.267 | 109 | 71  | 180 | 15   | 6.5 | 200   | 220    |             |
| MT4        | WNDJ-MT4-BQ21-60° -180L   | 31.267 | 109 | 71  | 180 | 21   | 6.5 | 200   | 220    |             |
| MT5        | WNDJ-MT5-BQ10.5-60° -220L | 44.399 | 136 | 84  | 220 | 10.5 | 6.5 | 250   | 280    |             |
| MT5        | WNDJ-MT5-BQ15-60° -220L   | 44.399 | 136 | 84  | 220 | 15   | 6.5 | 250   | 280    |             |
| MT5        | WNDJ-MT5-BQ21-60° -220L   | 44.399 | 136 | 84  | 220 | 21   | 6.5 | 250   | 280    |             |
| MT5        | WNDJ-MT5-BQ25-60° -220L   | 44.399 | 136 | 84  | 220 | 25   | 6.5 | 250   | 280    |             |
| MT6        | WNDJ-MT6-BQ21-60° -300L   | 63.348 | 190 | 110 | 300 | 21   | 8   | 320   | 360    |             |
| MT6        | WNDJ-MT6-BQ25-60° -300L   | 63.348 | 190 | 110 | 300 | 25   | 8   | 320   | 360    |             |
| MT6        | WNDJ-MT6-BQ35-60° -300L   | 63.348 | 190 | 110 | 300 | 35   | 8   | 320   | 360    |             |

## 帶螺帽壓出萬能固定合金頂尖

## UNIVERSAL CARBIDE CENTER WITH REMOVABLE NUT



| 莫氏型號 Morse              | G      | C   | D   | E   | L   | L1 | B  | a  | H  | H1 | J   | J1  | 螺紋 M   | 最大徑向力 [KN] | 最大軸向力 [KN] | 精度 Accuracy |
|-------------------------|--------|-----|-----|-----|-----|----|----|----|----|----|-----|-----|--------|------------|------------|-------------|
| LMWNDJ-MT6-F170-60°     | 63.348 | 190 | 29  | 90  | 300 | 20 | 70 | 8  | 20 | 7  | 88  | 70  | M68*2  | 130        | 2240       | 0.003       |
| LMWNDJ-MT6-F180-60°     | 63.348 | 190 | 29  | 90  | 308 | 20 | 80 | 8  | 20 | 7  | 88  | 70  | M68*2  | 130        | 2240       |             |
| LMWNDJ-MT6-F195-60°     | 63.348 | 190 | 29  | 110 | 320 | 20 | 95 | 8  | 20 | 7  | 88  | 70  | M68*2  | 130        | 2240       |             |
| LMWNDJ- 公制 80-F170-60°  | 80     | 204 | 65  | 126 | 360 | 30 | 70 | 8  | 30 | 10 | 118 | 86  | M84*2  | 154        | 3579       |             |
| LMWNDJ- 公制 80-F180-60°  | 80     | 204 | 57  | 126 | 360 | 30 | 80 | 8  | 30 | 10 | 118 | 86  | M84*2  | 154        | 3579       |             |
| LMWNDJ- 公制 80-F195-60°  | 80     | 204 | 44  | 126 | 360 | 30 | 95 | 8  | 30 | 10 | 118 | 86  | M84*2  | 154        | 3579       |             |
| LMWNDJ- 公制 100-F180-60° | 100    | 242 | 109 | 178 | 450 | 30 | 80 | 10 | 30 | 10 | 128 | 106 | M104*2 | 225        | 6405       |             |
| LMWNDJ- 公制 100-F195-60° | 100    | 242 | 96  | 178 | 450 | 30 | 95 | 10 | 30 | 10 | 128 | 106 | M104*2 | 225        | 6405       |             |
| LMWNDJ- 公制 120-F180-60° | 120    | 280 | 181 | 250 | 560 | 30 | 80 | 12 | 30 | 10 | 148 | 126 | M124*2 | 240        | 6460       |             |
| LMWNDJ- 公制 120-F195-60° | 120    | 280 | 168 | 250 | 560 | 30 | 95 | 12 | 30 | 10 | 148 | 126 | M124*2 | 240        | 6460       |             |

### 特點:

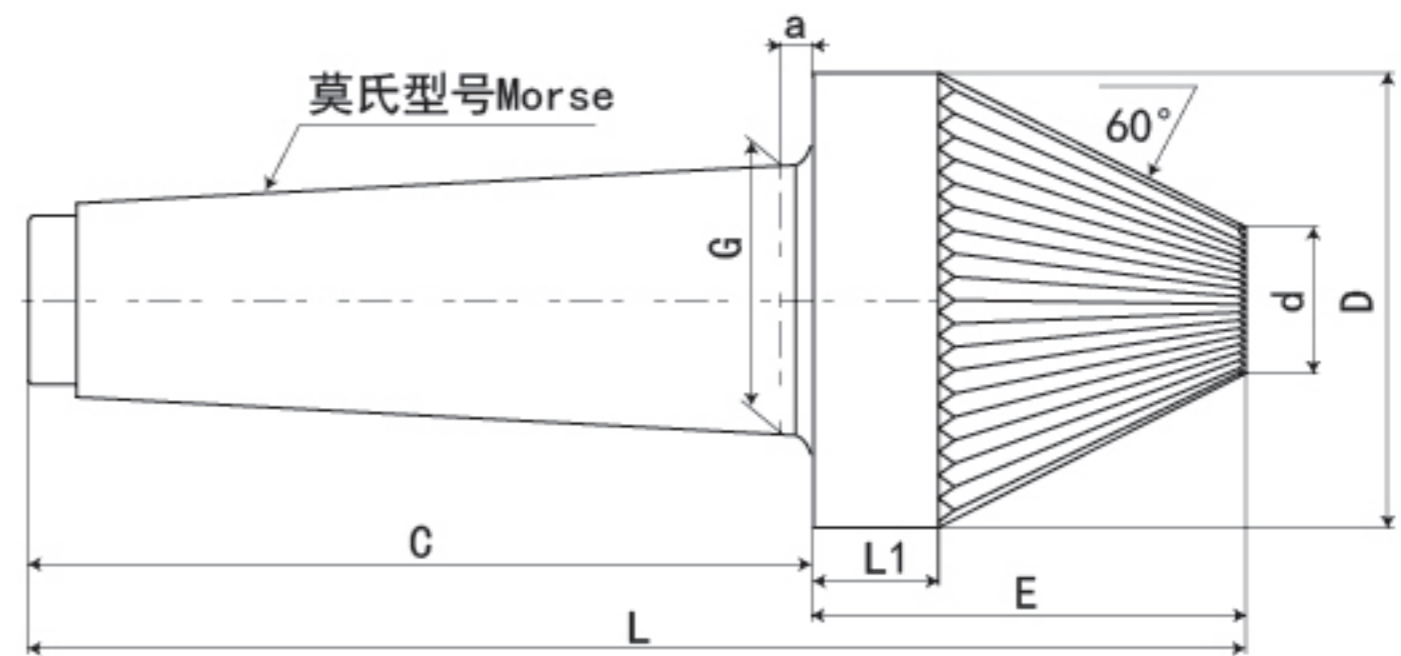
- 材質: 40Cr
- 熱處理硬度: HRC40-45
- 合金頭材質: YG8 硬度: HRC89
- 錐度接觸面: > 85%
- 利用頂尖頭棱角對工件中心孔進入研磨,從而提高工件加工精度。
- 頂尖頭鑲嵌硬質合金。
- 適用於磨床、車床、銑床、偏擺儀等

### Features:

- Material: 40Cr
- Heat treatment hardness: HRC40-45
- Alloy head Material: YG8 Hardness: HRC89
- Taper Interface: > 85%
- The parts automatic lapping for sure the centre hole.
- The center end with carbide.
- Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

## 梅花驅動頂尖

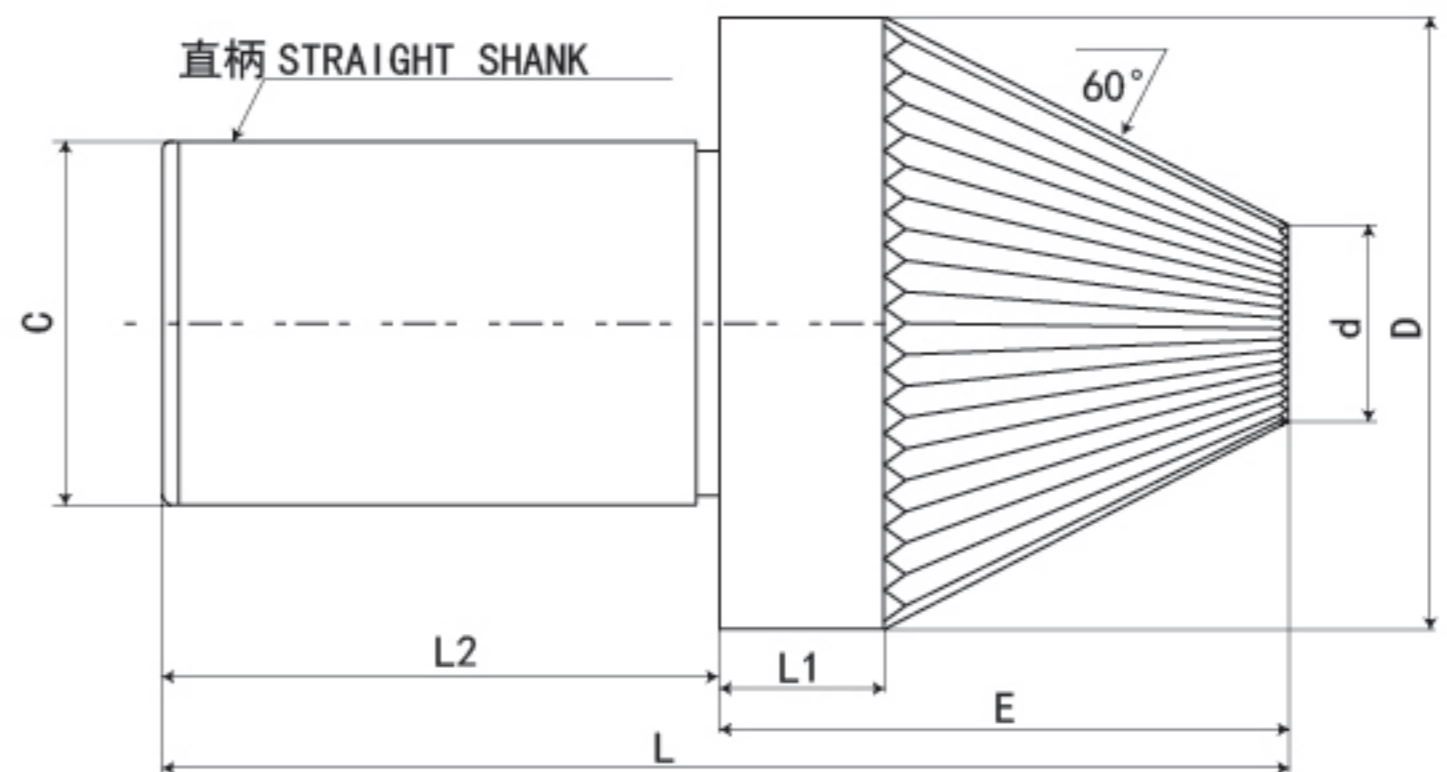
## PLUM DRIVE CENTER



| 莫氏型號 Morse | 規格 Type               | G      | L   | L1 | C   | E   | D   | d  | a   |
|------------|-----------------------|--------|-----|----|-----|-----|-----|----|-----|
| MT3        | MHDJ-MT3-D49-d15-60°  | 23.825 | 146 | 30 | 86  | 60  | 49  | 15 | 5   |
| MT4        | MHDJ-MT4-D49-d15-60°  | 31.267 | 169 | 30 | 109 | 60  | 49  | 15 | 6.5 |
| MT4        | MHDJ-MT4-D69-d20-60°  | 31.267 | 181 | 30 | 109 | 72  | 69  | 20 | 6.5 |
| MT4        | MHDJ-MT4-D103-d20-60° | 31.267 | 211 | 30 | 109 | 102 | 103 | 20 | 6.5 |
| MT5        | MHDJ-MT5-D49-d15-60°  | 44.399 | 196 | 30 | 136 | 60  | 49  | 15 | 6.5 |
| MT5        | MHDJ-MT5-D69-d20-60°  | 44.399 | 208 | 30 | 136 | 72  | 69  | 20 | 6.5 |
| MT5        | MHDJ-MT5-D103-d20-60° | 44.399 | 238 | 30 | 136 | 102 | 103 | 20 | 6.5 |
| MT6        | MHDJ-MT6-D103-d20-60° | 63.348 | 292 | 30 | 190 | 102 | 103 | 20 | 8   |
| MT6        | MHDJ-MT6-D148-d50-60° | 63.348 | 305 | 30 | 190 | 115 | 148 | 50 | 8   |

## 直柄梅花驅動頂尖

## STRAIGHT SHANK PLUM DRIVE CENTER



| 規格 Type                 | C  | L   | L1 | L2 | E   | D   | d  |
|-------------------------|----|-----|----|----|-----|-----|----|
| ZBMHDJ-C32-D49-d15-60°  | 32 | 110 | 30 | 50 | 60  | 49  | 15 |
| ZBMHDJ-C32-D69-d20-60°  | 32 | 122 | 30 | 50 | 72  | 69  | 20 |
| ZBMHDJ-C40-D103-d20-60° | 40 | 152 | 30 | 50 | 102 | 103 | 20 |

### 特點:

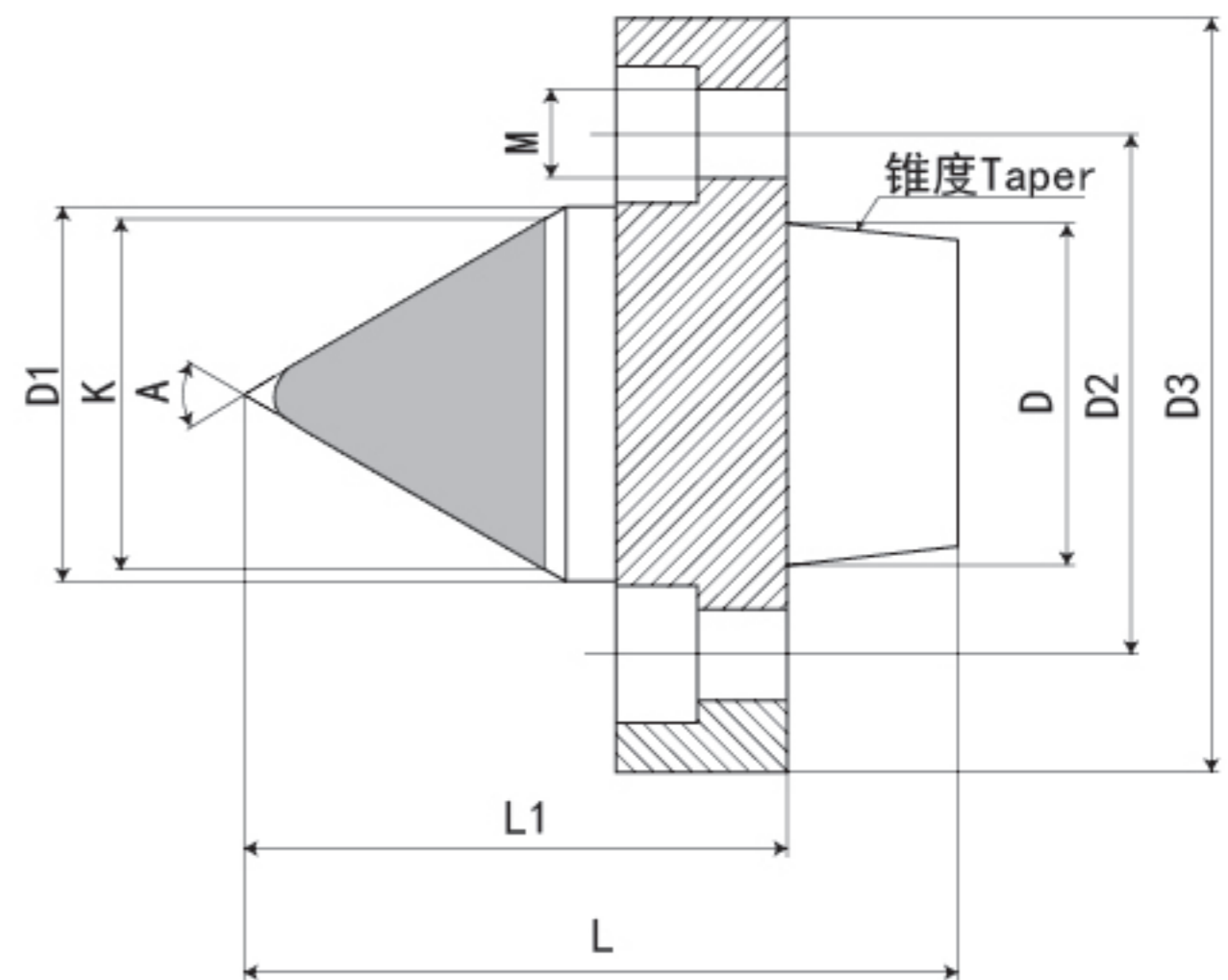
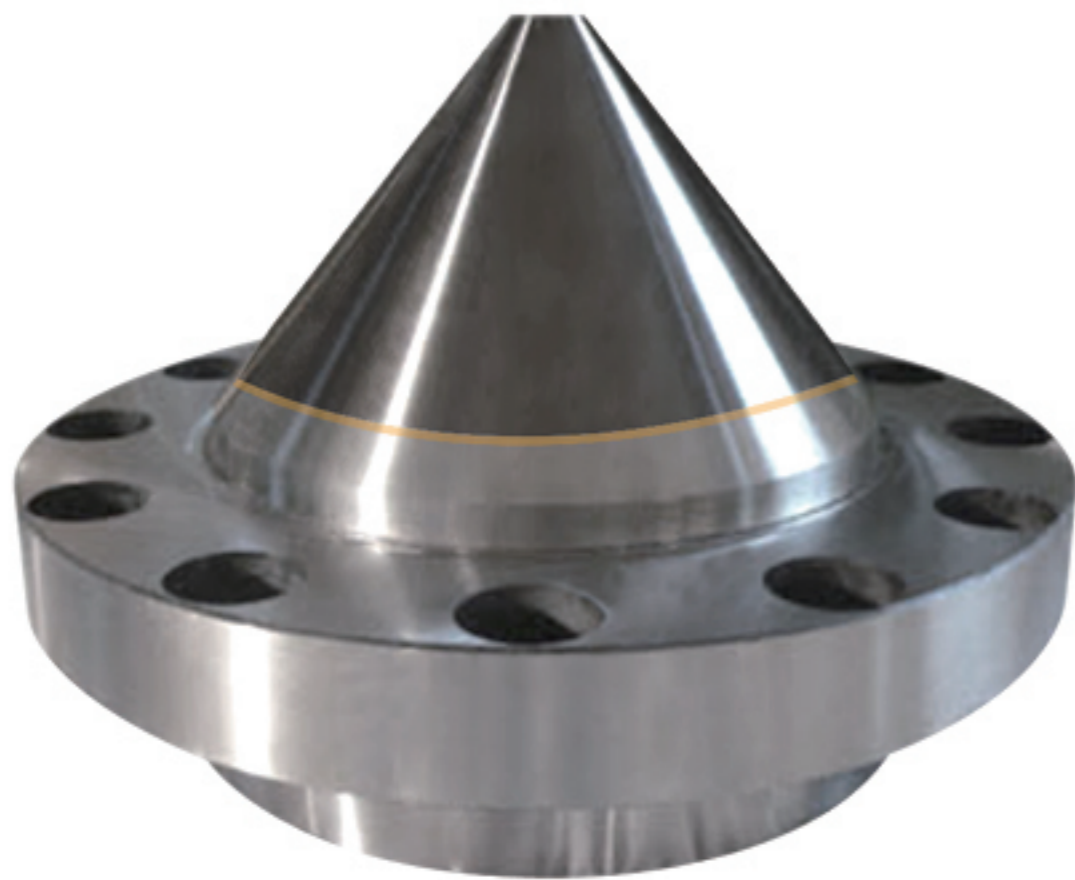
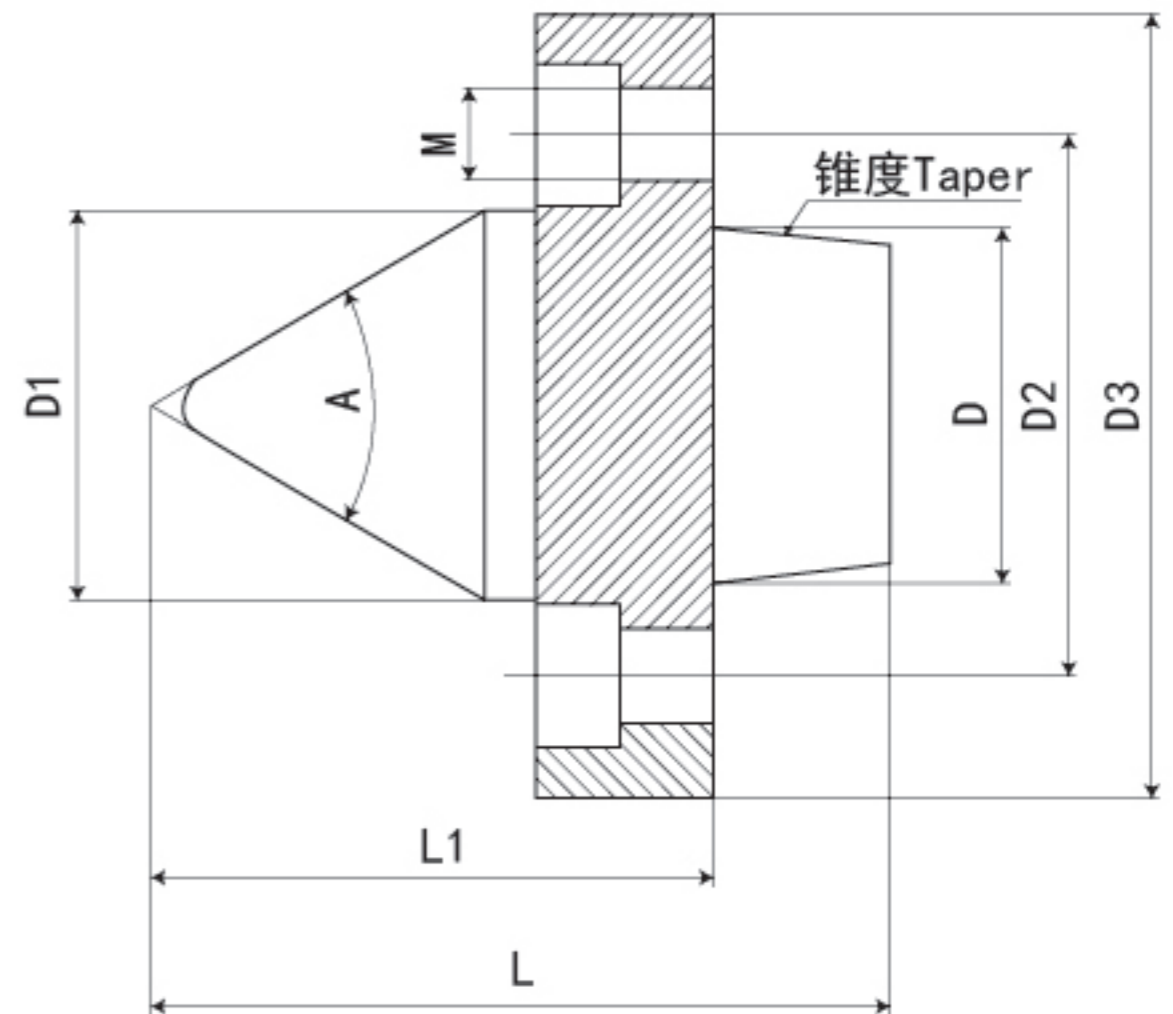
- 材質: GCr15 軸承鋼 / T8/T10 碳素工具鋼
- 熱處理硬度: HRC58-62
- 此免夾頂針因機械之結構, 故障率低。經深冷熱處理為 (HRC60° ± 1°)。
- 以往車床加工使用傳動夾來帶動, 避免工作物之停止, 此免夾頂針在本體端面有 6T 及 8T 之設計來頂住加工之端面, 就可免用傳動夾, 使加工方便速度更快。
- 此免夾頂針, 滾齒機械可使用。

### Features:

- Material: GCr15 Bearing steel / T8/T10 Carbon tool steel
- Heat treatment hardness: HRC58-62
- Body and center shaft are made of alloy steel with heat and sub-zero treatment.
- Driving dog is required for traditional lathes turning to prevent workpiece from stopping. These work driving centers are either with 6 teeth or 8 teeth design for superseding the driving dogs. It supports the workpiece on end surface for easy setup and rapid machining.
- The work-driving center is also applicable for gear hobbing machine.

# ZGM 軋輥磨床頂尖

## ZGM ROLL GRINDER CENTER



| 規格 / 型號 Model      | L   | L1  | L2 | D      | D3  | D2  | D1  | M      | A   | K  | 錐度 Taper | 精度 Accuracy |
|--------------------|-----|-----|----|--------|-----|-----|-----|--------|-----|----|----------|-------------|
| ZGMDJ-D80-1:4-60°  | 135 | 113 | 22 | 80.00  | 140 | 110 | 80  | 6-17.5 | 60° | 50 | 1: 4     | 0.005       |
| ZGMDJ-D80-1:4-75°  | 120 | 98  | 22 | 80.00  | 140 | 110 | 80  | 6-17.5 | 75° | 50 | 1: 4     | 0.005       |
| ZGMDJ-D80-1:4-90°  | 106 | 84  | 22 | 80.00  | 140 | 110 | 80  | 6-17.5 | 90° | 50 | 1: 4     | 0.005       |
| ZGMDJ-D100-1:5-60° | 210 | 160 | 50 | 100.00 | 220 | 152 | 110 | 8-26   | 60° | 60 | 1: 5     | 0.005       |
| ZGMDJ-D100-1:5-75° | 190 | 140 | 50 | 100.00 | 220 | 152 | 110 | 8-26   | 75° | 60 | 1: 5     | 0.005       |
| ZGMDJ-D100-1:5-90° | 170 | 120 | 50 | 100.00 | 220 | 152 | 110 | 8-26   | 90° | 60 | 1: 5     | 0.005       |
| ZGMDJ-D110-1:5-60° | 165 | 139 | 26 | 110.00 | 180 | 145 | 100 | 6-22   | 60° | 60 | 1: 5     | 0.005       |
| ZGMDJ-D110-1:5-75° | 144 | 118 | 26 | 110.00 | 180 | 145 | 100 | 6-22   | 75° | 60 | 1: 5     | 0.005       |
| ZGMDJ-D110-1:5-90° | 128 | 102 | 26 | 110.00 | 180 | 145 | 100 | 6-22   | 90° | 60 | 1: 5     | 0.005       |
| ZGMDJ-D120-1:5-60° | 244 | 184 | 60 | 120.00 | 232 | 180 | 130 | 8-26   | 60° | 70 | 1: 5     | 0.005       |
| ZGMDJ-D120-1:5-75° | 216 | 156 | 60 | 120.00 | 232 | 180 | 130 | 8-26   | 75° | 70 | 1: 5     | 0.005       |
| ZGMDJ-D120-1:5-90° | 197 | 137 | 60 | 120.00 | 232 | 180 | 130 | 8-26   | 90° | 70 | 1: 5     | 0.005       |
| ZGMDJ-D125-1:4-60° | 195 | 165 | 30 | 125.00 | 220 | 170 | 125 | 8-26   | 60° | 70 | 1: 4     | 0.005       |
| ZGMDJ-D125-1:4-75° | 169 | 139 | 30 | 125.00 | 220 | 170 | 125 | 8-26   | 75° | 70 | 1: 4     | 0.005       |
| ZGMDJ-D125-1:4-90° | 150 | 120 | 30 | 125.00 | 220 | 170 | 125 | 8-26   | 90° | 70 | 1: 4     | 0.005       |

### 特點:

◎ ZGMDJ 系列重型短錐固定頂尖是最新開發的產品，專為重大型數控磨床、軋輥磨床，及重型車床使用的頂尖，採用優質鋼材制作而成，有精度高、承載力大，耐磨損、使用壽命長，便于安裝等特點。在大多數情況下安裝于主軸和尾座上，是大型車、磨設備提高加工效率，保證加工精度的重要附件。可根據用戶需要制作各種非標加重型頂尖。

### Features:

◎ The ZGMDJ series heavy-duty short taper dead center is the latest development of products, designed for the large and heavy duty of CNC grinding machine, roll grinder, and other heavy lathe, the use of high quality steel produced with high precision, large bearing capacity, abrasion resistance, long service life, convenient installation and so on. In most cases under installed on the spindle and the tail seat of the large lathe, grinding equipment, this type center is the important accessories to improve the machining efficiency and guarantee machining precision. And also can be customized all kinds of non-standard and heavy-duty center according to user needs.

DEAD CENTER  
固定頂尖