

Stanny
®





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Boring System





搪孔組合系統

組合式搪孔刀-兩個相隔90°有斜面的鎖緊螺絲，結合搪孔刀柄使徑向與軸向和帶動稍緊密著，產生最大的剛性。

彈性的搪孔刀組合，對應各種加工孔徑的大小及加工孔徑的深度，組合搪孔刀柄、延長接桿、縮徑接桿、結合粗搪孔刀、精搪孔刀而彈性變化。

我們依據組合刀柄外徑為系統代表稱H25，H為系統代表，25為組合刀柄外徑尺寸值，目前有H25、H32、H40、H50、H63、H80、H100系統。

大孔徑組合系統

彈性的搪孔刀組合，對應各種較大的加工孔徑及加工孔徑的深度，組合搪孔刀柄、變徑滑座、結合粗搪孔刀、精搪孔刀而彈性變化，目前有h100-B72、h100-AL120系統。

Modular Boring System

Taper shank, stepped spacer, extension spacer and the body have two screw holes at a 90 degrees distance on the sides. Except taper shank, the stepped spacer, extension spacer and the body have a pin. A hole can also be found at the bottom of taper shank, stepped space and extension spacer. With these features of two screw holes, a pin and a bottom hole, the combination of taper shank with any of the stepped spacer, extension spacer and body, makes a tight lock in the system as it makes a strong interaction; thus, showing a more rigid feature of our modular boring system.

Besides being rigid, the modular boring system is also very flexible. Its flexibility allows the system to easily adapt to process various sizes and depth of the hole of the diameter.

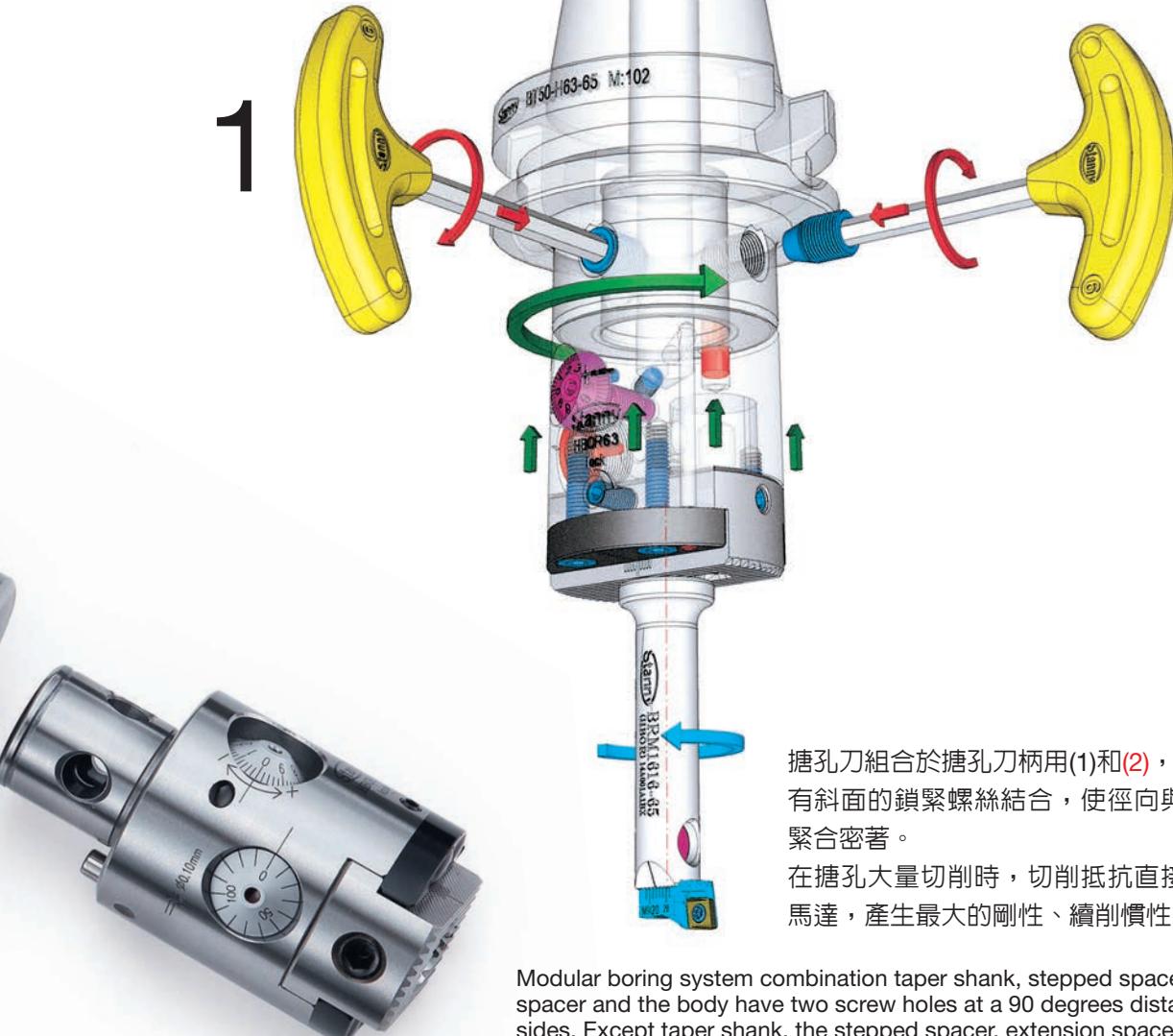
In naming the outer diameter of the taper shank, extension spacer, stepped spacer and boring head, we used the symbol "H" followed by a number, which represents the size of the outer diameter. For instance, H25, wherein in "H" is the symbol while 25 is the value of the outer diameter. Hence, in this series, there are H25, H32, H40, H50, H63, H80 and H100 system.

Large Diameter Modular Boring System

Large diameter modular boring system is also very flexible. Its flexibility allows the system to easily adapt to process various more big sizes and depth of the hole of the diameter. Hence, in this series, there are h100-B72 and h100-AL120 system.





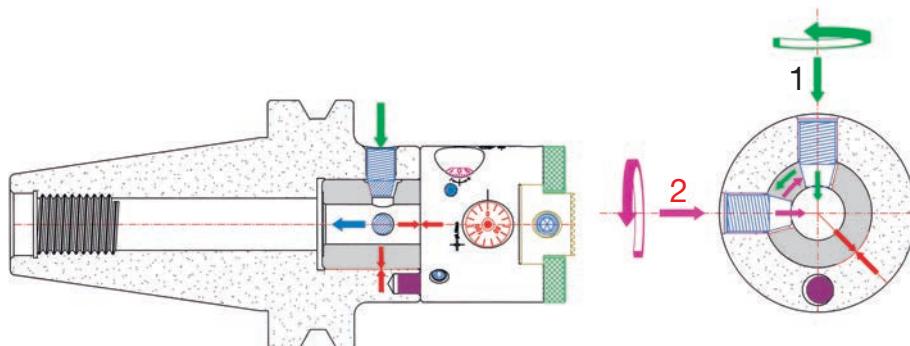


搪孔刀組合於搪孔刀柄用(1)和(2)，兩個相隔90°有斜面的鎖緊螺絲結合，使徑向與軸向和帶動梢緊密密。

在搪孔大量切削時，切削抵抗直接傳導至主軸與馬達，產生最大的剛性、續削慣性、尺寸穩定。

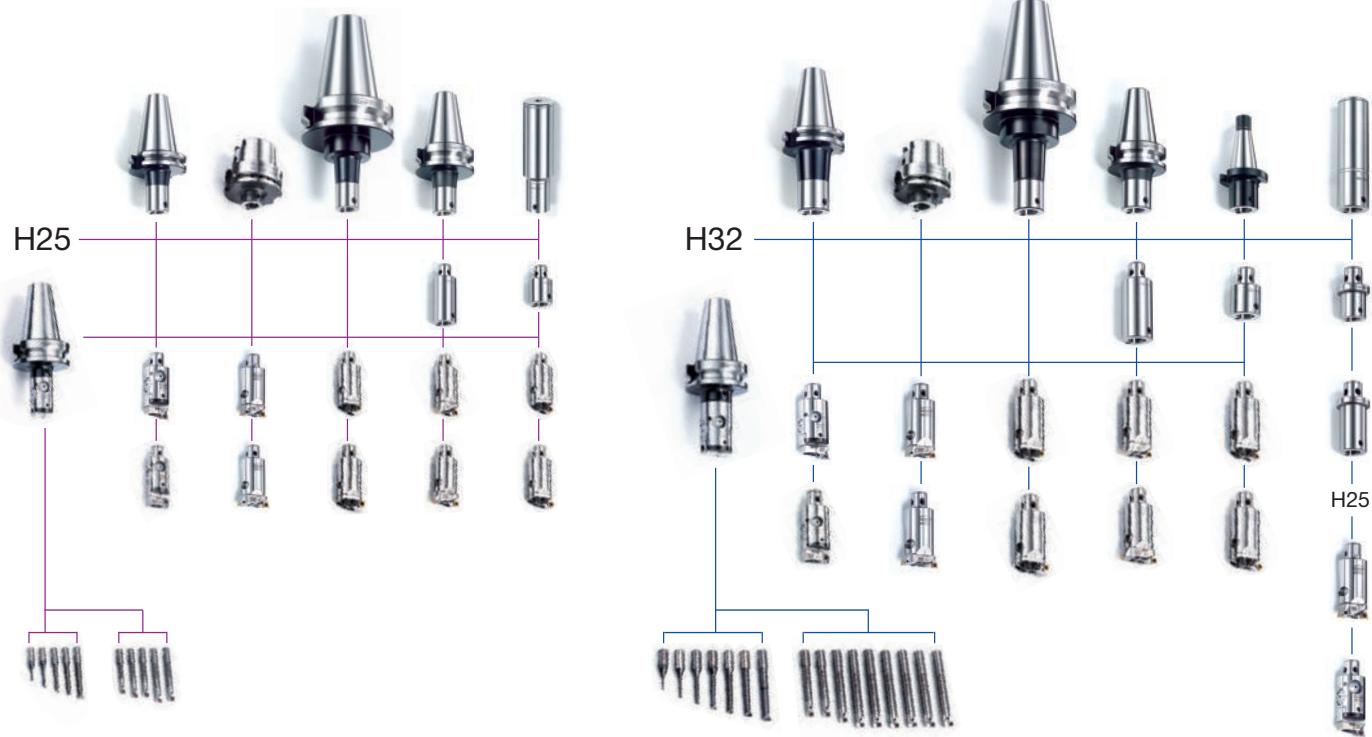
Modular boring system combination taper shank, stepped spacer, extension spacer and the body have two screw holes at a 90 degrees distance on the sides. Except taper shank, the stepped spacer, extension spacer and the body have a pin. A hole can also be found at the bottom of taper shank, stepped spacer and extension spacer. With these features of two screw holes, a pin and a bottom hole, the combination of taper shank with any of the stepped spacer, extension spacer and body, makes a tight lock in the system as it makes a strong interaction.

When boring, the cutting force is conducted to the spindle and motor providing a more rigid, continuous cutting action and dimensional stability.





搪孔組合系統
Modular Boring System



TW Pat.166331

TW Pat.162721

TW Pat.192985

TW Pat.226181

TW Pat.206367

TW Pat.208543

TW Pat.M360098

TW Pat.M407801

TW Pat.M444234

TW Pat.I491457

TW Pat.M501907

TW Pat.M513747

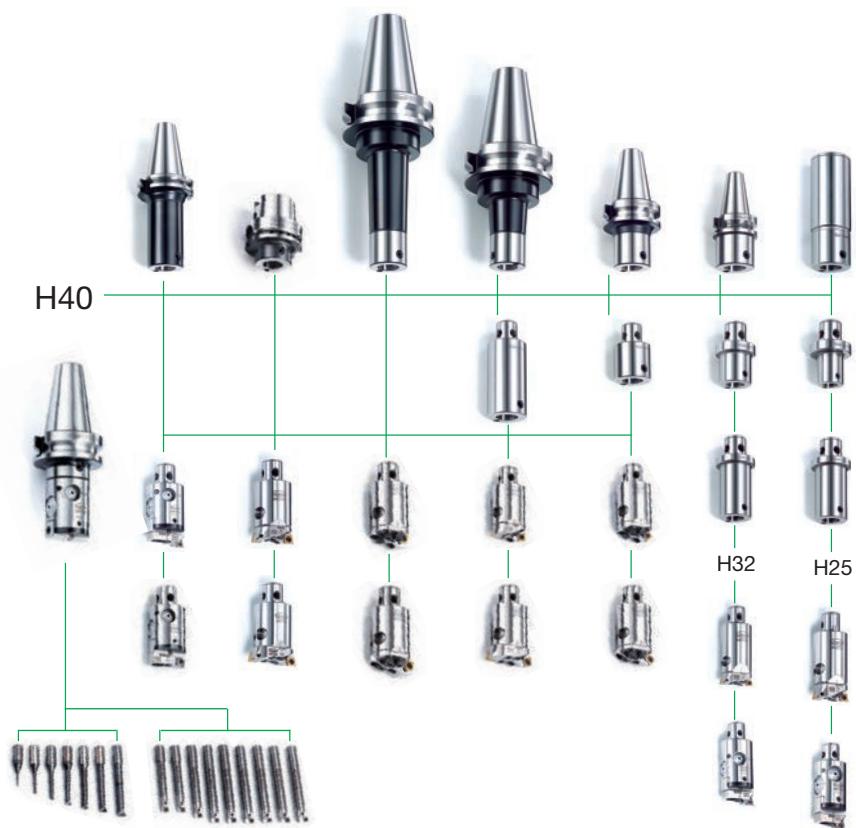
TW Pat.M513076

CN Pat.ZL 02 2 64588.8

CN Pat.ZL 02 2 64589.6

CN Pat.ZL 2010 1 0537456.3

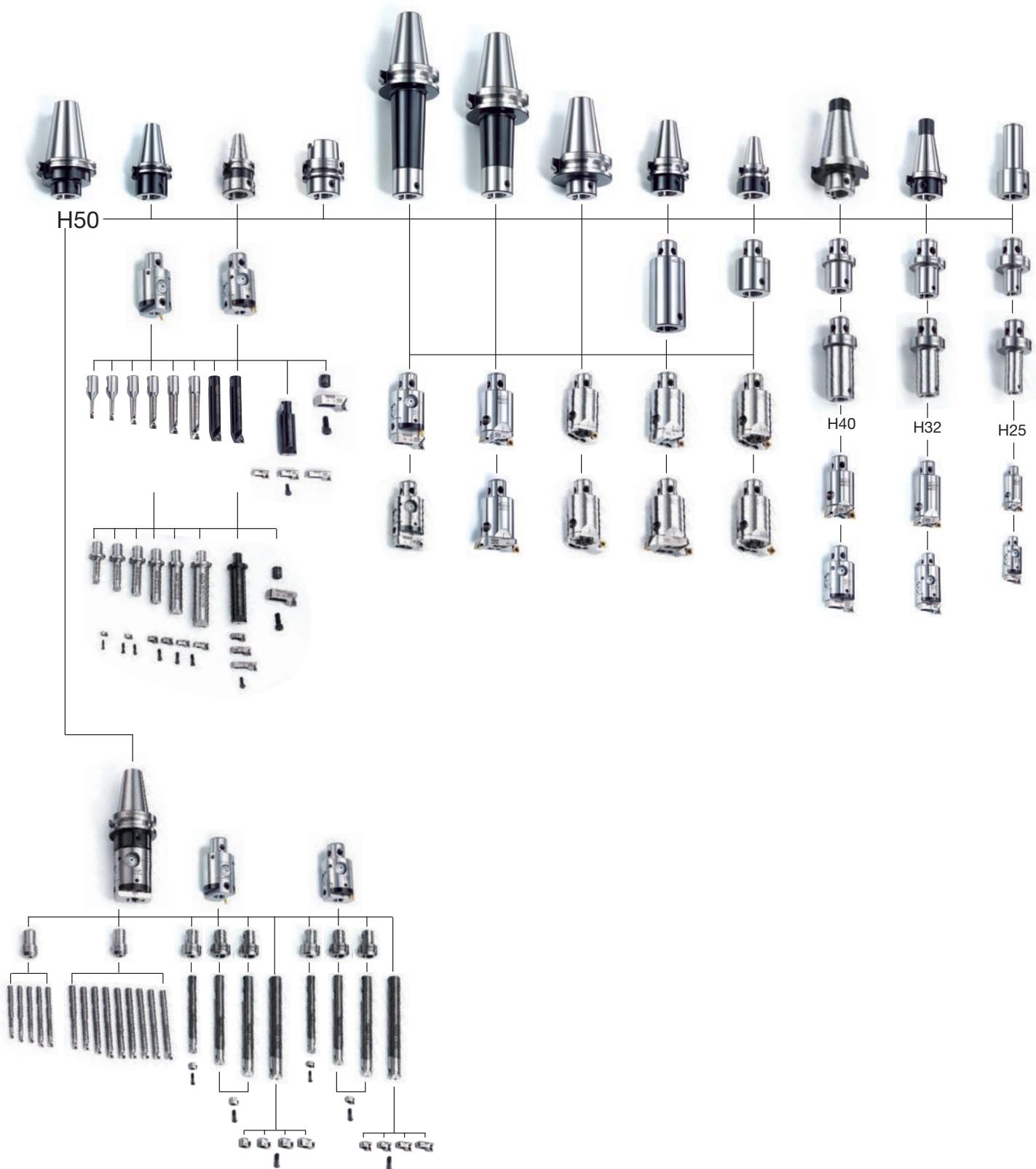
CN Pat.ZL 2015 2 0044685.X



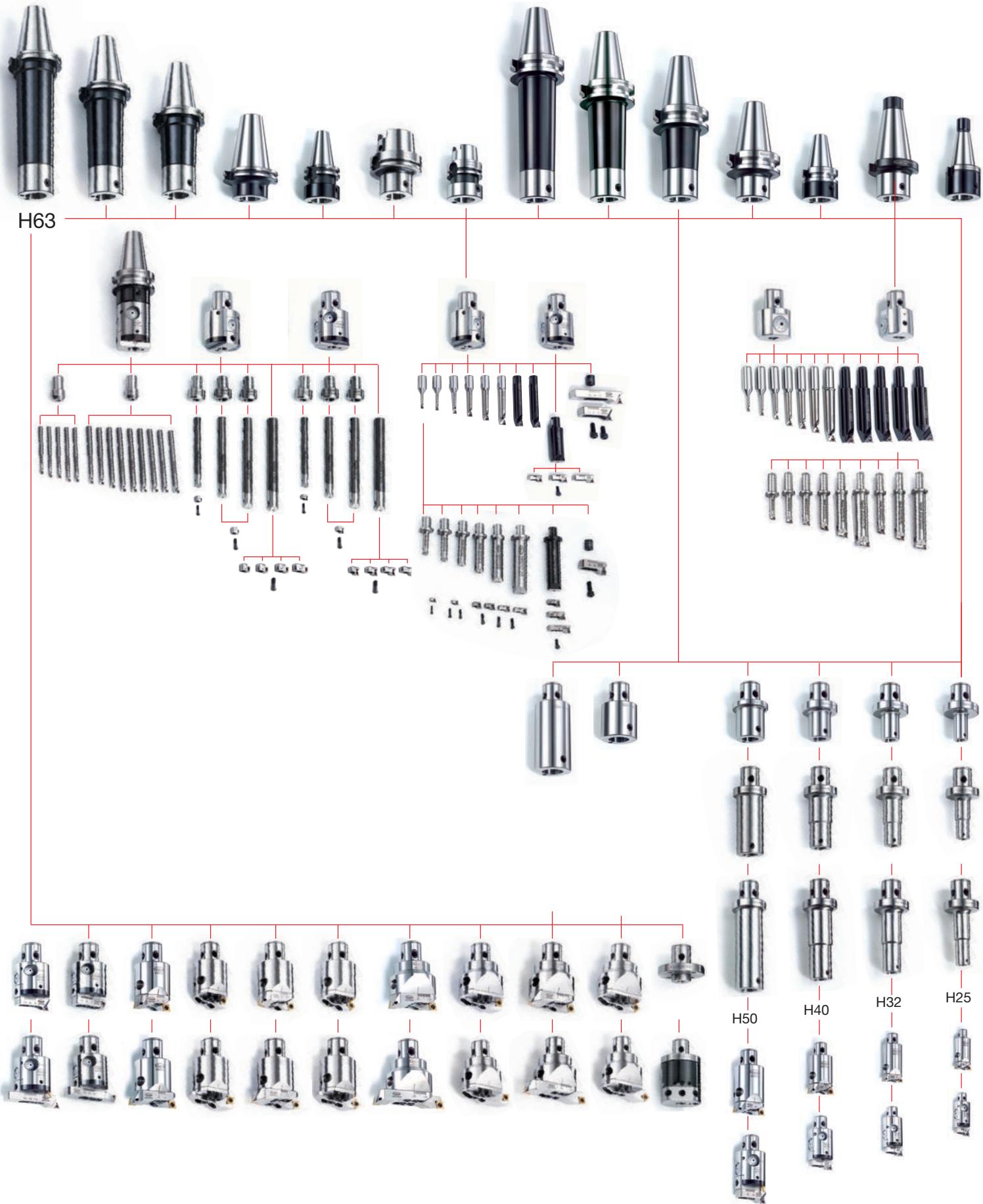
尺寸規格如有變更，恕不另行通知。

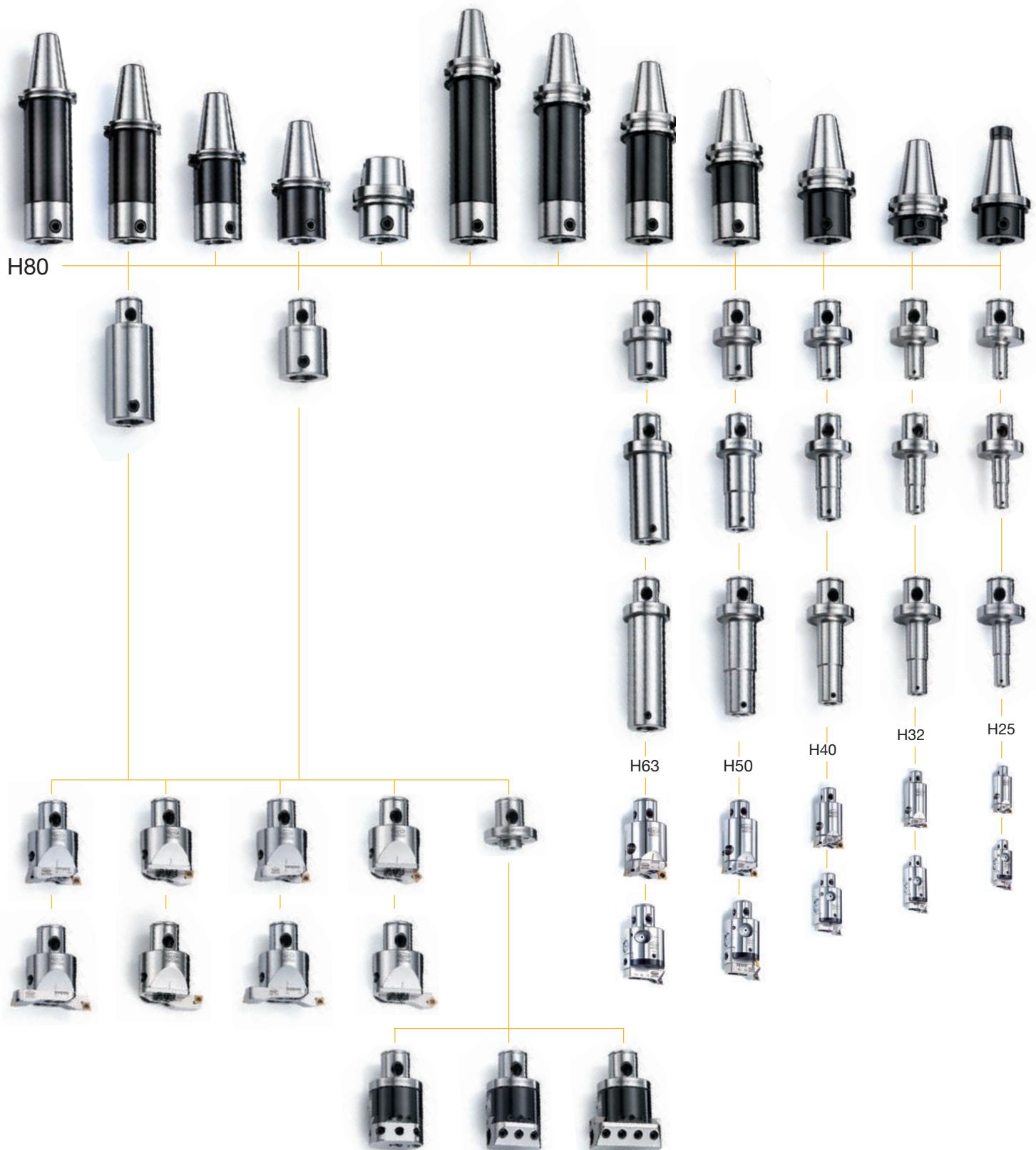
The above specifications are subject to change
without prior notice.



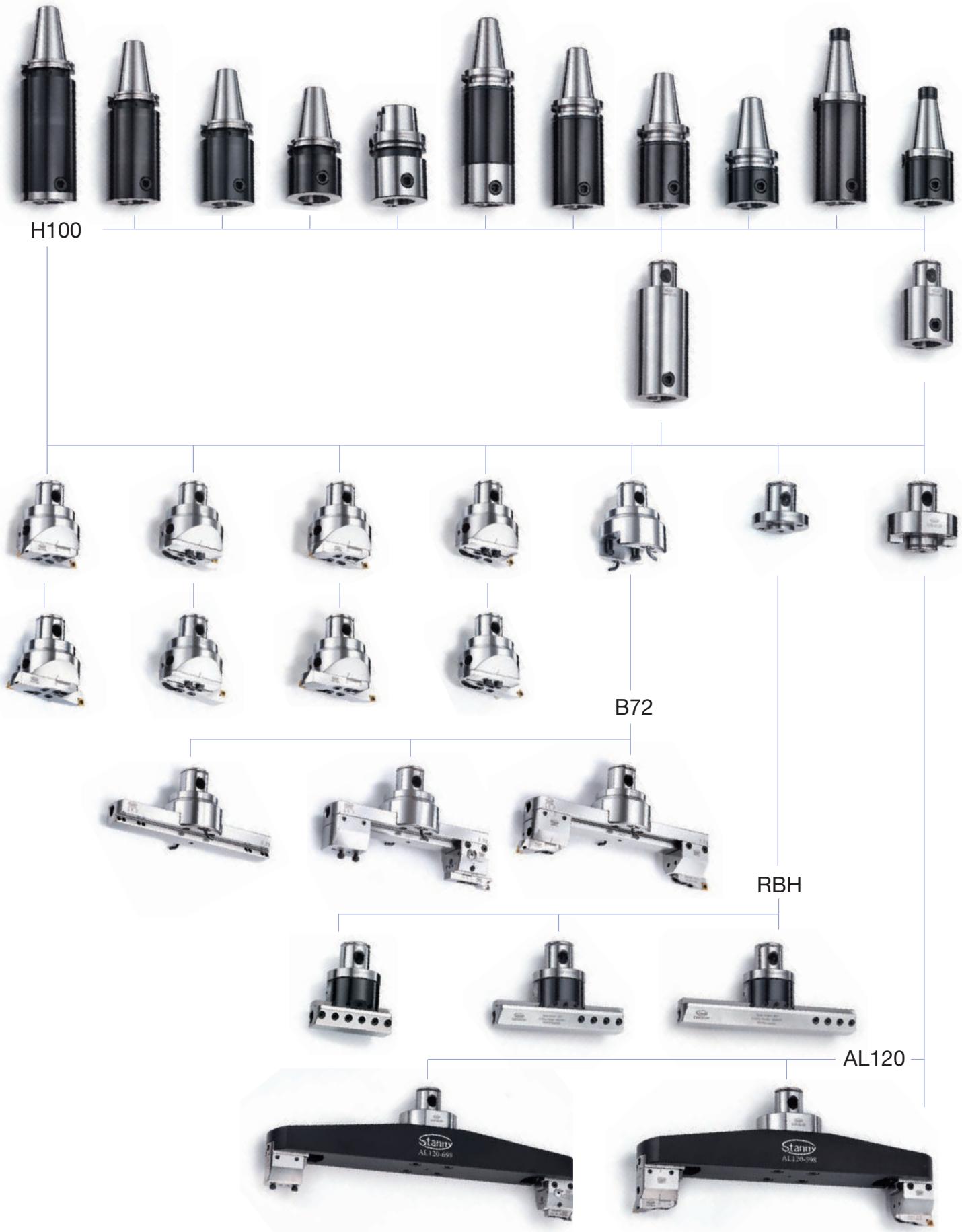


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H•BIT 雙刃粗搪孔刀組合系統

功能

粗搪孔刀組合系統，由粗搪孔刀本體組合不同的粗搪孔刀座—各種不同形式的搪孔切削。

- 單刃—搪孔，校正調整單刃(SACC或SBCC)粗搪孔刀座，切削孔徑尺寸—單刃精搪孔。
- 單刃—反搪，校正調整單刃(RKCC)粗搪孔刀座，切削反搪孔孔徑。
- 單刃—45°倒角，校正調整單刃(IWSC)粗搪孔刀座，切削孔徑正反倒角。
- 雙刃—粗搪，校正調整雙刃(SACC + SACC)或(SBCC + SBCC)等高粗搪刀座，切削相同直徑，可快速進給粗搪孔。
- 雙刃—段差粗搪，校正調整雙刃(SACC + SBCC)不等高粗搪刀座，分別切削不同直徑，為較大量切削，分割兩段切削，較容易排屑，為粗搪深孔切削。
- 雙刃—80°粗搪，校正調整雙刃(EMSC)粗搪孔刀座，切削相同直徑。大量切削，降低切削阻力，用於貫穿孔切削。

粗搪孔刀調整粗搪孔刀座尺寸：調整螺絲每迴轉一圈，促使粗搪孔刀座位移尺寸1mm，等同於外部尺寸刻劃線一格，為實際搪孔直徑 ϕ 2mm。



H • BIT Adjustable Twin Cutter Roughing and Semi-Finishing Boring System. Function

Adjustable twin cutter roughing and semi-finishing boring system can have the following functions:

- a.We can use either SACC or SBCC cutting insert holder.
- b.We can use RKCC cutting insert holder for reverse cutting.
- c.We can use IWSC cutting insert holder for positive and negative 45° chamfer cutting.
- d.We can use two SACC (SACC + SACC) or two SBCC (SBCC + SBCC) cutting insert holders.

Note: Using the same cutting diameters can speed up the feeding of roughing boring & cutting.

- e.We can use two different insert holders SACC + SBCC

Note: Using different height and different cutting diameters is easier for chip removal.

- f.We can use two EMSC (EMSC + EMSC) 80° cutting insert holders, cutting same diameter.

Note: A lot of cutting lower cutting resistance, used for cutting through the hole.

In adjusting the roughing and semi-finishing system, when you rotate the bolt one complete turn, at the side there is a scale or graduation wherein one graduation is equal to 1mm travel, thus, the total boring diameter is $\phi 2\text{mm}$.





H • BIT 雙刃粗搪孔刀

特色

雙刃粗搪孔刀，具有齒形組合搪孔刀，極為穩定牢固，在齒形方向調整粗搪孔刀座尺寸，可以使粗搪孔刀座往外出進，也可以使粗搪孔刀座向內後退，自由的前進後退，在刀具設定儀上校正調整粗搪孔刀座切削孔徑尺寸，配合鎖緊刀座螺絲，很容易完成粗搪孔刀座尺寸的調整，結合於搪孔刀柄，極為穩定牢固的粗搪孔刀。

H • BIT Adjustable Twin Cutter Roughing and Semi-Finishing Boring System.

Feature

With the "gear-mat type" feature of adjustable twin-cutter roughing and semi-finishing boring system, it allows the system to move forward and backward freely. This is best for adjusting the diameter in the tool preset as it is easier to set in a shorter time.





H • BIT 雙刃粗搪孔刀

零件

- A.鎖緊刀座螺絲、彈性墊片
- B.粗搪孔刀座、鎖緊刀片螺絲
- C.調整螺帽、雙向螺絲
- D.粗搪孔刀本體、中心冷卻劑出口
- E.搪孔刀柄

H • BIT Adjustable Twin Cutter Roughing and Semi-Finishing Boring System.

Components

- A. Cutting Insert Holder Mounting Bolt and Spring Washer
- B. Cutting Insert Holder and Insert Clamping Bolt
- C. Adjusting Nut and Setting Bolt
- D. Body and Coolant Outlet
- E. Taper Shank

H•BOR 極細微調精搪孔刀

功能

微調尺寸刻劃環，每一格 $\varnothing 0.002\text{mm}$ 極為精細的尺寸分割，配合被切削材質選適用的精密級刀片與預設平衡的迴轉切削，使精搪孔孔徑更為精確。

參考刻劃環，每一格 $\varnothing 0.10\text{mm}$ 為目視參考，當轉動微調尺寸刻劃環分割尺寸極細時，相對帶動參考刻劃環，位移精搪孔刀徑尺寸。齒型滑座外部刻劃線，每一格 $\varnothing 2\text{mm}$ 。

高速切削搪孔平衡系統”P系列”，組合搪孔刀柄與極細微調精搪孔刀本體，在中心軸線，預設G2.5 12000rpm動平衡，高速旋轉搪孔，依然保持動平衡，使搪孔更精確穩定。

- 在H•BOR25P極細微調精搪孔刀本體中的內孔 $\varnothing 6$ ，可組合CA、CB系列小徑鎢鋼刀桿，使搪孔孔徑範圍為 $\varnothing 2\sim\varnothing 7$ ， $\varnothing 5\sim\varnothing 7$ 為替換式刀片鎢鋼刀桿。
- 在H•BOR32P和H•BOR40P極細微調精搪孔刀本體中的內孔 $\varnothing 8$ ，可組合CA、CB系列小徑鎢鋼刀桿，使搪孔孔徑範圍為 $\varnothing 2\sim\varnothing 9$ ， $\varnothing 7\sim\varnothing 11$ 為替換式刀片鎢鋼刀桿。
- 在H•BOR50P極細微調精搪孔刀本體中的內孔 $\varnothing 16$ ，可組合CM、CR、BRM系列，可使搪孔孔徑範圍為 $\varnothing 5\sim\varnothing 90$ 。
- 在H•BOR63P極細微調精搪孔刀本體中的內孔 $\varnothing 16$ ，可組合CM、CR、BRM系列，可使搪孔孔徑範圍為 $\varnothing 5\sim\varnothing 150$ 。
- 在H•BOR50和H•BOR63極細微調精搪孔刀本體中的內孔 $\varnothing 16$ ，組合BR系列小徑精搪孔刀桿，使搪孔孔徑範圍為 $\varnothing 6\sim\varnothing 90$ 、 $\varnothing 6\sim\varnothing 150$ ，更為完整搪孔範圍組合。

在搪外徑系統，主要利用H•BOR63極細微調精搪孔刀本體，組合BM16D滑座，並組合各種SRTP(精搪)刀座，“反轉”切削搪外徑，範圍為 $0\sim\varnothing 100$ 。

極細微調反搪精搪孔刀，視切削孔徑大小、深淺組合，以反向進給做搪孔或切削背部端面。



H • BOR Micro-Finishing Cutter Fine Boring System.

Function

The boring head consists of a boring dial adjuster and a reference dial, wherein each scale of the boring dial adjuster is equivalent to $2\mu\text{m}$ or 0.002mm. Each marking scale of the reference dial is equal to $\phi 100\mu\text{m}$ or 0.10mm.

High speed boring cutting balance system, P series, it has dynamic balance in G2.5 and 12000rpm.

It will increase boring dimension and in high speed cutting it still have dynamic balance.

The inside diameter of H•BOR25P micro-finishing cutter fine boring system is $\phi 6\text{mm}$. With the combination of CA and CB series, the diameter of H•BOR25P can now be within the range of $\phi 2\sim\phi 7$ and $\phi 5\sim\phi 7$ respectively.

The inside diameter of H•BOR32P and H•BOR40P micro-finishing cutter fine boring system is $\phi 8\text{mm}$. With the combination of CA and CB series, the diameter of H•BOR32P and H•BOR40P can now be within the range of $\phi 2\sim\phi 9$ and $\phi 7\sim\phi 11$ respectively.

The inside diameter of H•BOR50P and H•BOR63P micro finish boring system is $\phi 16\text{mm}$. With the combination of CM, CR and BRM series, the diameter of H•BOR50P and H•BOR63P can now be within the range of $\phi 5\sim\phi 90$ and $\phi 5\sim\phi 150$ respectively.

The inside diameter of H•BOR50 and H•BOR63 micro finish boring system is $\phi 16\text{mm}$. With the combination of BR series, the diameter of HBOR50 and HBOR63 can now be within the range of $\phi 6\sim\phi 90$ and $\phi 6\sim\phi 150$ respectively.

Outer diameter boring system, use H•BOR63, BM16D and any kinds of SRTP cutting insert holder then reverse cutting external boring, the boring range $0\sim\phi 100$.

Micro-finishing cutter for reverse fine boring system should be assembled well depends on boring diameter and depth, then boring or machining back end with reverse feeding.





H • BOR

極細微調精搪孔刀

特色

極細微調精搪孔刀，具有齒形滑座，崁入方形滑軌，組合齒形精搪孔刀座可任意位移精搪孔刀座，極為穩定牢固。

齒形滑座，在齒形方向，可以前進也可以後退調整，配合迴轉平衡需求，可使齒形滑座先後退，再組合可位移精搪孔刀座至搪孔刀徑尺寸，為校正迴轉平衡最佳方法。

H • BOR Micro-Finishing Cutter Fine Boring System.

Feature

Micro-finishing cutter fine boring system is a "gear-mat type" slide and is inserted into the square track. This feature enables the boring system to be firmly and tightly locked.

The "gear-mat type" sliding feature of the micro finish boring system allows the system to be adjusted forward and backward to match its desired balance position. Thus, keeping the system firm and stable.



H • BOR 極細微調精搪孔刀

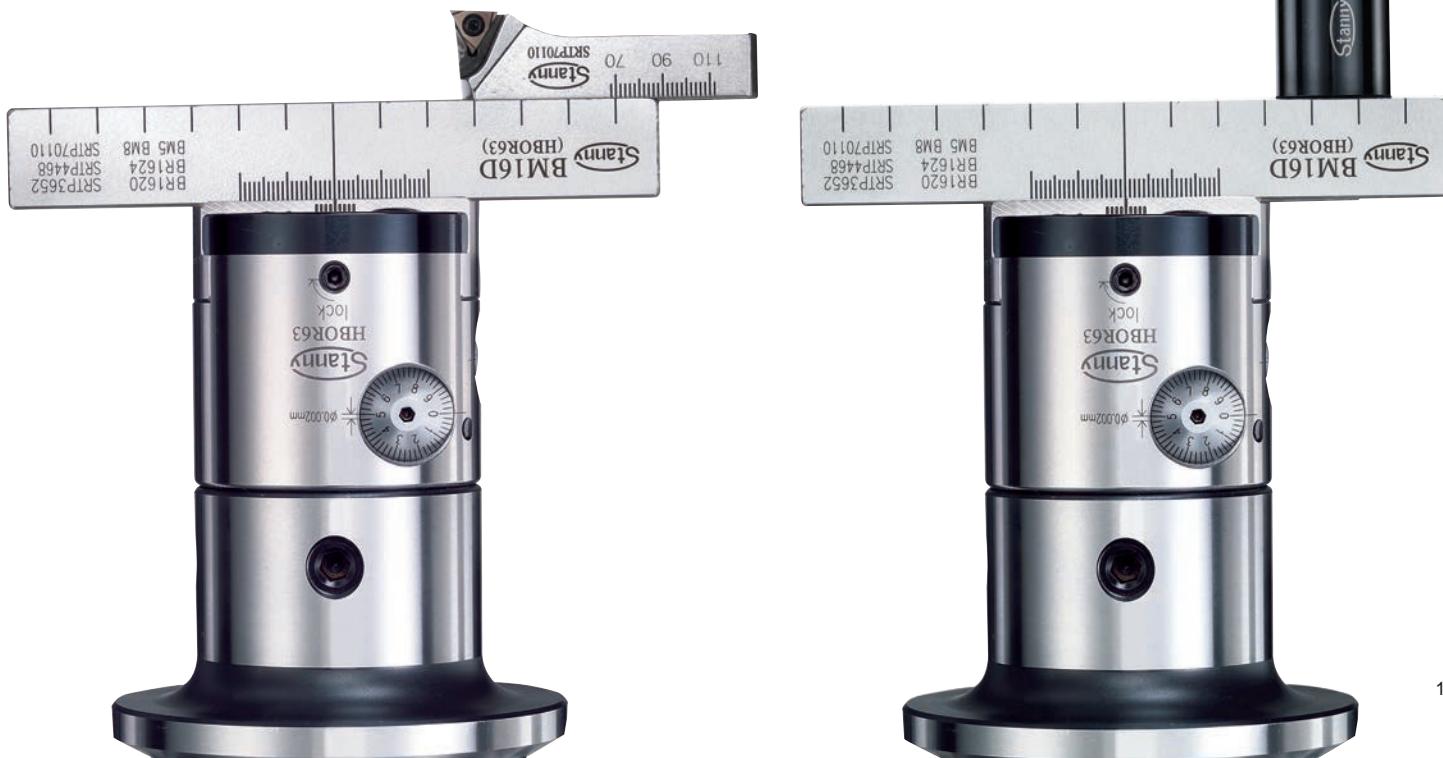
零件

- A. 鎖緊刀座螺絲
- B. 精搪孔刀座、鎖緊刀片螺絲
- C. 微調尺寸刻劃環，每一格0.001mm直徑
 $\phi 0.002\text{mm}$
- D. 參考刻劃環，每一格0.05mm直徑 $\phi 0.1\text{mm}$
- E. 刻劃線，每一格1mm直徑 $\phi 2\text{mm}$
- F. 精搪孔刀本體、中心冷卻劑出口
- G. 搪孔刀柄

H • BOR Micro-Finishing Cutter Fine Boring System.

Components

- A. Cutting Insert Holder Mounting Bolt
- B. Cutting Insert Holder and Insert Clamping Bolt
- C. Adjust the Graduation of the size, 0.001mm of each, diameter $\phi 0.002\text{mm}$
- D. Vice-graduation, 0.05mm of each, diameter $\phi 0.1\text{mm}$
- E. Substandard, 1mm of each, diameter $\phi 2\text{mm}$
- F. Body and Coolant Outlet
- G. Taper Shank

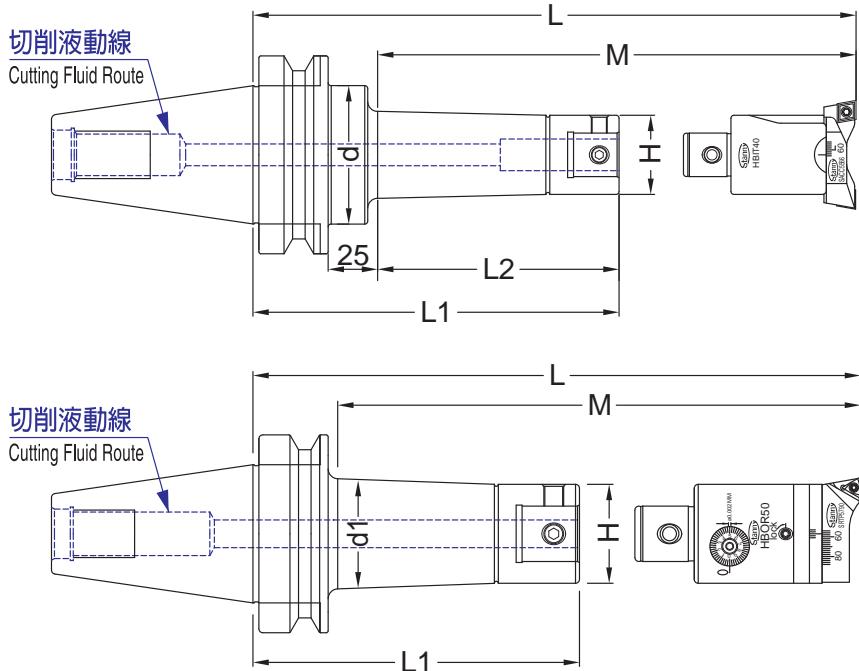




MAS403 BT 搪孔刀柄
MAS403 BT Taper Shank

| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨 重 N.W. |
|-------------------|--------------|----|---|----|-----|----|------|----|-------------|
| 40251303 | BT30-H25-35 | 25 | - | 25 | 85 | 35 | 9 | 60 | 0.40 |
| 40251305 | BT30-H25-55 | 25 | - | 25 | 105 | 55 | 29 | 75 | 0.49 |
| 40321303 | BT30-H32-35 | 32 | - | 32 | 98 | 35 | 9 | 75 | 0.45 |
| 40321305 | BT30-H32-55 | 32 | - | 32 | 118 | 55 | 31.5 | 93 | 0.54 |
| 40401303 | BT30-H40-35 | 40 | - | 40 | 98 | 35 | 14 | 75 | 0.45 |
| 40401305 | BT30-H40-55 | 40 | - | 40 | 118 | 55 | 32 | 93 | 0.63 |
| 40501304 | BT30-H50-45 | 50 | - | 50 | 125 | 45 | 23 | 93 | 0.57 |
| 40631306 | BT30-H63-65 | 63 | - | 63 | 145 | 65 | 43 | 93 | 0.91 |

| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨 重 N.W. |
|-------------------|--------------|----|---|----|-----|-----|-------|-----|-------------|
| 40251404 | BT40-H25-40 | 25 | - | 25 | 90 | 40 | 8 | 60 | 1.00 |
| 40251407 | BT40-H25-72 | 25 | - | 29 | 122 | 72 | 42.5 | 90 | 1.12 |
| 40251410 | BT40-H25-100 | 25 | - | 29 | 150 | 100 | 71 | 123 | 1.24 |
| 40251412 | BT40-H25-127 | 25 | - | 29 | 177 | 127 | 98 | 145 | 1.38 |
| 40321404 | BT40-H32-40 | 32 | - | 32 | 103 | 40 | 8 | 75 | 1.00 |
| 40321407 | BT40-H32-72 | 32 | - | 36 | 135 | 72 | 41 | 102 | 1.20 |
| 40321412 | BT40-H32-120 | 32 | - | 36 | 183 | 120 | 89 | 150 | 1.55 |
| 40321413 | BT40-H32-135 | 32 | - | 36 | 198 | 135 | 104 | 165 | 1.66 |
| 40401404 | BT40-H40-40 | 40 | - | 40 | 103 | 40 | 11 | 73 | 1.05 |
| 40401407 | BT40-H40-72 | 40 | - | 44 | 135 | 72 | 42 | 102 | 1.31 |
| 40401413 | BT40-H40-130 | 40 | - | 44 | 193 | 130 | 99 | 162 | 1.95 |
| 40401418 | BT40-H40-185 | 40 | - | 44 | 248 | 185 | 154 | 212 | 2.52 |
| 40501405 | BT40-H50-50 | 50 | - | 50 | 130 | 50 | 22 | 102 | 1.15 |
| 40501409 | BT40-H50-90 | 50 | - | 56 | 170 | 90 | 60.5 | 142 | 1.72 |
| 40501413 | BT40-H50-130 | 50 | - | 56 | 210 | 130 | 100.5 | 182 | 2.20 |
| 40501417 | BT40-H50-170 | 50 | - | 56 | 250 | 170 | 140.5 | 222 | 3.07 |
| 40631405 | BT40-H63-55 | 63 | - | 63 | 135 | 55 | 28 | 102 | 1.24 |
| 40631410 | BT40-H63-105 | 63 | - | 63 | 185 | 105 | 78 | 152 | 2.45 |
| 40631415 | BT40-H63-155 | 63 | - | 63 | 235 | 155 | 128 | 202 | 3.54 |



MAS403 BT 捲孔刀柄
MAS403 BT Taper Shank

| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨 重 N.W. |
|-------------------|------------------------|-----|----|-----|-----|-----|-----|-----|-------------|
| 40251511 | BT50-H25-115 | 25 | 50 | 29 | 165 | 115 | 52 | 102 | 4.15 |
| 40251514 | BT50-H25-140 | 25 | 50 | 29 | 190 | 140 | 77 | 127 | 4.30 |
| 40251516 | BT50-H25-165 | 25 | 50 | 29 | 215 | 165 | 102 | 152 | 4.40 |
| 40321513 | BT50-H32-135 | 32 | 63 | 36 | 198 | 135 | 72 | 135 | 4.55 |
| 40321516 | BT50-H32-165 | 32 | 63 | 36 | 228 | 165 | 102 | 165 | 4.80 |
| 40321520 | BT50-H32-200 | 32 | 63 | 36 | 263 | 200 | 137 | 200 | 5.00 |
| 40401513 | BT50-H40-135 | 40 | 70 | 44 | 198 | 135 | 72 | 135 | 4.90 |
| 40401518 | BT50-H40-185 | 40 | 70 | 44 | 248 | 185 | 122 | 185 | 5.45 |
| 40401522 | BT50-H40-225 | 40 | 70 | 44 | 288 | 225 | 162 | 225 | 5.90 |
| 40401526 | BT50-H40-265 | 40 | 70 | 44 | 328 | 265 | 202 | 265 | 6.30 |
| 40501506 | BT50-H50-65 | 50 | - | 50 | 145 | 65 | 22 | 102 | 3.80 |
| 40501516 | BT50-H50-165 | 50 | - | 56 | 245 | 165 | 122 | 202 | 5.35 |
| 40501521 | BT50-H50-215 | 50 | - | 56 | 295 | 215 | 172 | 252 | 6.30 |
| 40501526 | BT50-H50-265 | 50 | - | 56 | 345 | 265 | 222 | 302 | 7.20 |
| 40631506 | BT50-H63-65 | 63 | - | 63 | 145 | 65 | 22 | 102 | 3.80 |
| 40631508 | BT50-H63-85 | 63 | - | 63 | 165 | 85 | 42 | 122 | 4.30 |
| 40631516 | BT50-H63-165 | 63 | - | 70 | 245 | 165 | 122 | 202 | 6.20 |
| 40631521 | BT50-H63-215 | 63 | - | 70 | 295 | 215 | 172 | 252 | 7.75 |
| 40631526 | BT50-H63-265 | 63 | - | 70 | 345 | 265 | 222 | 302 | 8.70 |
| 40631531-8 | BT50-H63-315 ϕ 80 | 63 | - | 80 | 395 | 315 | 272 | 352 | 10.90 |
| 40631531-9 | BT50-H63-315 ϕ 90 | 63 | - | 90 | 395 | 315 | 273 | 352 | 11.95 |
| 40801507 | BT50-H80-70 | 80 | - | 80 | 150 | 70 | 27 | 102 | 4.00 |
| 40801511 | BT50-H80-115 | 80 | - | 80 | 195 | 115 | 72 | 152 | 5.55 |
| 40801516 | BT50-H80-165 | 80 | - | 80 | 245 | 165 | 122 | 202 | 7.25 |
| 40801521 | BT50-H80-215 | 80 | - | 80 | 295 | 215 | 172 | 252 | 9.00 |
| 40801526 | BT50-H80-265 | 80 | - | 80 | 345 | 265 | 222 | 302 | 10.75 |
| 40801531 | BT50-H80-315 | 80 | - | 80 | 395 | 315 | 272 | 352 | 12.45 |
| 41001510 | BT50-H100-100 | 100 | - | 100 | 200 | 100 | 62 | - | 5.95 |
| 41001515 | BT50-H100-150 | 100 | - | 100 | 250 | 150 | 112 | - | 8.60 |
| 41001520 | BT50-H100-200 | 100 | - | 100 | 300 | 200 | 162 | - | 11.55 |
| 41001525 | BT50-H100-250 | 100 | - | 100 | 350 | 250 | 212 | - | 14.50 |

DIN69871A

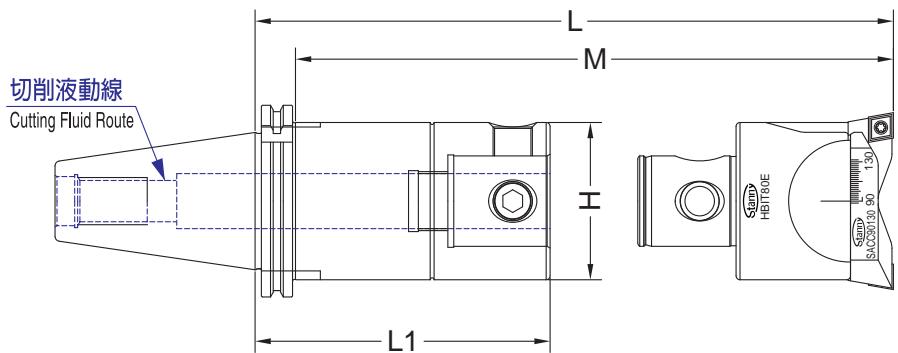
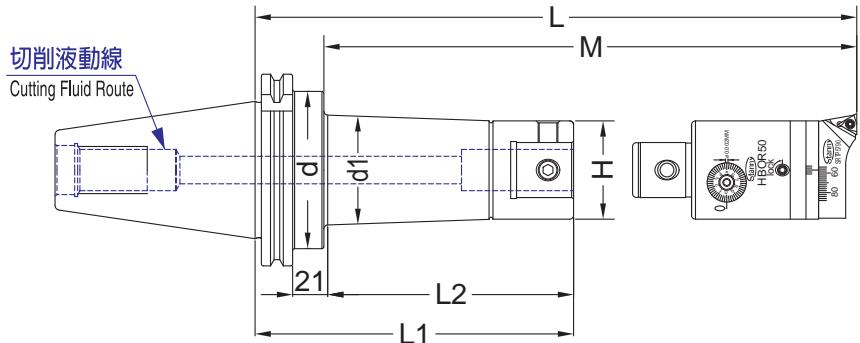
SK搪孔刀柄
Taper Shank for Boring System



DIN69871A 搪孔刀柄
DIN69871A Taper Shank

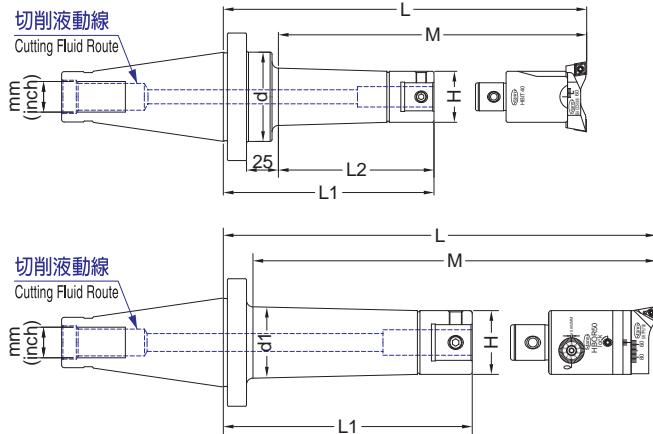
| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨 重 N.W. |
|-------------------|--------------|----|---|----|-----|----|----|-----|-------------|
| 40252303 | ISO30-H25-30 | 25 | - | 25 | 80 | 30 | 9 | 60 | 0.39 |
| 40322303 | ISO30-H32-35 | 32 | - | 32 | 98 | 35 | 14 | 75 | 0.42 |
| 40402303 | ISO30-H40-35 | 40 | - | 40 | 98 | 35 | 14 | 75 | 0.44 |
| 40502305 | ISO30-H50-55 | 50 | - | 50 | 135 | 55 | 35 | 112 | 0.67 |

| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨 重 N.W. |
|-------------------|---------------|----|---|----|-----|-----|-----|-----|-------------|
| 40252403 | ISO40-H25-30 | 25 | - | 25 | 80 | 30 | 10 | 60 | 0.83 |
| 40252406 | ISO40-H25-65 | 25 | - | 28 | 115 | 65 | 41 | 90 | 0.96 |
| 40252410 | ISO40-H25-100 | 25 | - | 29 | 150 | 100 | 79 | 125 | 1.15 |
| 40322403 | ISO40-H32-35 | 32 | - | 32 | 98 | 35 | 15 | 75 | 0.86 |
| 40322406 | ISO40-H32-65 | 32 | - | 35 | 128 | 65 | 42 | 102 | 1.05 |
| 40322408 | ISO40-H32-84 | 32 | - | 36 | 147 | 84 | 61 | 123 | 1.15 |
| 40322511 | ISO40-H32-115 | 32 | - | 36 | 178 | 115 | 92 | 152 | 1.40 |
| 40402403 | ISO40-H40-35 | 40 | - | 40 | 98 | 35 | 15 | 75 | 0.88 |
| 40402406 | ISO40-H40-65 | 40 | - | 43 | 128 | 65 | 43 | 102 | 1.17 |
| 40402410 | ISO40-H40-104 | 40 | - | 44 | 167 | 104 | 82 | 143 | 1.50 |
| 40402416 | ISO40-H40-165 | 40 | - | 44 | 228 | 165 | 143 | 202 | 2.12 |
| 40502405 | ISO40-H50-50 | 50 | - | 50 | 130 | 50 | 30 | 102 | 1.08 |
| 40502410 | ISO40-H50-104 | 50 | - | 50 | 184 | 104 | 84 | 163 | 1.81 |
| 40502415 | ISO40-H50-150 | 50 | - | 50 | 230 | 150 | 130 | 202 | 2.47 |
| 40632406 | ISO40-H63-60 | 63 | - | 63 | 140 | 60 | 40 | 115 | 1.23 |
| 40632411 | ISO40-H63-110 | 63 | - | 63 | 190 | 110 | 90 | 165 | 2.32 |



DIN69871A 捲孔刀柄
DIN69871A Taper Shank

| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨 重 N.W. |
|-------------------|----------------|-----|----|-----|-----|-----|-----|-----|-------------|
| 40252509 | ISO50-H25-92 | 25 | 80 | 29 | 142 | 92 | 52 | 102 | 3.45 |
| 40252511 | ISO50-H25-117 | 25 | 80 | 29 | 167 | 117 | 77 | 127 | 3.55 |
| 40252514 | ISO50-H25-142 | 25 | 80 | 29 | 192 | 142 | 102 | 152 | 3.65 |
| 40322511 | ISO50-H32-112 | 32 | 80 | 36 | 175 | 112 | 72 | 135 | 3.65 |
| 40322514 | ISO50-H32-144 | 32 | 80 | 36 | 207 | 144 | 104 | 165 | 3.90 |
| 40322517 | ISO50-H32-176 | 32 | 80 | 36 | 239 | 176 | 136 | 200 | 4.10 |
| 40402511 | ISO50-H40-112 | 40 | 80 | 44 | 175 | 112 | 72 | 135 | 3.85 |
| 40402516 | ISO50-H40-162 | 40 | 80 | 44 | 225 | 162 | 122 | 185 | 4.40 |
| 40402520 | ISO50-H40-202 | 40 | 80 | 44 | 265 | 202 | 162 | 225 | 4.85 |
| 40402524 | ISO50-H40-242 | 40 | 80 | 44 | 305 | 242 | 202 | 265 | 5.30 |
| 40502505 | ISO50-H50-50 | 50 | 80 | 50 | 130 | 50 | 18 | 98 | 3.35 |
| 40502516 | ISO50-H50-162 | 50 | 80 | 56 | 242 | 162 | 125 | 202 | 3.15 |
| 40502521 | ISO50-H50-212 | 50 | 80 | 56 | 292 | 212 | 175 | 252 | 5.80 |
| 40502526 | ISO50-H50-262 | 50 | 80 | 56 | 342 | 262 | 225 | 302 | 6.60 |
| 40632506 | ISO50-H63-65 | 63 | 80 | 63 | 145 | 65 | 28 | 108 | 3.50 |
| 40632516 | ISO50-H63-162 | 63 | 80 | 70 | 242 | 162 | 125 | 202 | 5.70 |
| 40632521 | ISO50-H63-212 | 63 | 80 | 70 | 292 | 212 | 175 | 252 | 6.95 |
| 40632526 | ISO50-H63-262 | 63 | 80 | 70 | 342 | 262 | 225 | 302 | 8.15 |
| 40802507 | ISO50-H80-70 | 80 | 80 | - | 150 | 70 | 50 | 125 | 3.70 |
| 40802510 | ISO50-H80-100 | 80 | 80 | - | 180 | 100 | 80 | 152 | 4.72 |
| 40802515 | ISO50-H80-150 | 80 | 80 | - | 230 | 150 | 130 | 202 | 6.44 |
| 40802520 | ISO50-H80-200 | 80 | 80 | - | 280 | 200 | 180 | 252 | 8.16 |
| 40802525 | ISO50-H80-250 | 80 | 80 | - | 330 | 250 | 230 | 302 | 9.88 |
| 40802530 | ISO50-H80-300 | 80 | 80 | - | 380 | 300 | 280 | 352 | 11.60 |
| 41002510 | ISO50-H100-100 | 100 | - | 100 | 200 | 105 | 85 | - | 6.20 |
| 41002515 | ISO50-H100-150 | 100 | - | 100 | 250 | 150 | 130 | - | 8.50 |
| 41002520 | ISO50-H100-200 | 100 | - | 100 | 300 | 200 | 180 | - | 11.35 |
| 41002525 | ISO50-H100-250 | 100 | - | 100 | 350 | 250 | 230 | - | 14.30 |

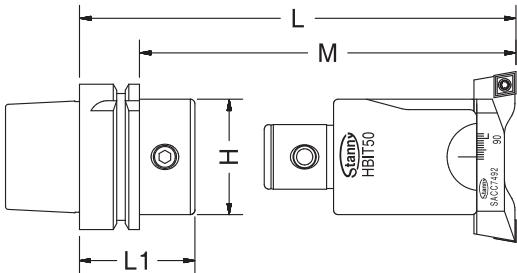
DIN2080(NT)
搪孔刀柄
Taper Shank for Boring System

DIN2080 (mm) 搪孔刀柄
DIN2080 (mm) Taper Shank

| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨重 N.W. |
|-------------------|----------------|-----|----|-----|-----|-----|-----|-----|------------|
| 40250304M | ISO30-H25-40 | 25 | - | 25 | 90 | 40 | 22 | 72 | 0.40 |
| 40320304M | ISO30-H32-40 | 32 | - | 32 | 103 | 40 | 27 | 90 | 0.45 |
| 40400304M | ISO30-H40-40 | 40 | - | 40 | 103 | 40 | 30 | 90 | 0.55 |
| 40500305M | ISO30-H50-50 | 50 | - | 50 | 130 | 50 | 42 | 120 | 0.75 |
| 40630306M | ISO30-H63-60 | 63 | - | 63 | 140 | 60 | 52 | 130 | 1.13 |
| 40250406M | ISO40-H25-60 | 25 | - | 29 | 122 | 60 | 45 | 95 | 0.95 |
| 40320406M | ISO40-H32-60 | 32 | - | 37 | 135 | 60 | 42 | 102 | 1.03 |
| 40400406M | ISO40-H40-60 | 40 | - | 44 | 135 | 60 | 43 | 102 | 1.14 |
| 40500403M | ISO40-H50-35 | 50 | - | 50 | 115 | 35 | 22 | 102 | 0.93 |
| 40630405M | ISO40-H63-55 | 63 | - | 63 | 140 | 55 | 42 | 102 | 1.40 |
| 40250511M | ISO50-H25-115 | 25 | 50 | 29 | 165 | 115 | 72 | 122 | 3.40 |
| 40320513M | ISO50-H32-135 | 32 | 63 | 36 | 198 | 135 | 92 | 155 | 3.90 |
| 40400516M | ISO50-H40-165 | 40 | 70 | 45 | 248 | 165 | 122 | 185 | 4.60 |
| 40500505M | ISO50-H50-50 | 50 | - | 50 | 130 | 50 | 27 | 102 | 3.20 |
| 40500520M | ISO50-H50-200 | 50 | - | 56 | 280 | 200 | 172 | 252 | 5.50 |
| 40630506M | ISO50-H63-65 | 63 | - | 63 | 145 | 65 | 37 | 122 | 3.50 |
| 40630524M | ISO50-H63-245 | 63 | - | 70 | 325 | 245 | 222 | 302 | 7.90 |
| 40800507M | ISO50-H80-70 | 80 | - | 80 | 150 | 70 | 47 | 125 | 3.90 |
| 40800521M | ISO50-H80-215 | 80 | - | 80 | 295 | 215 | 192 | 272 | 8.90 |
| 41000510M | ISO50-H100-100 | 100 | - | 100 | 200 | 100 | 80 | - | 6.20 |
| 41000520M | ISO50-H100-200 | 100 | - | 100 | 300 | 200 | 180 | - | 11.90 |

DIN2080 (inch) 搪孔刀柄
DIN2080 (inch) Taper Shank

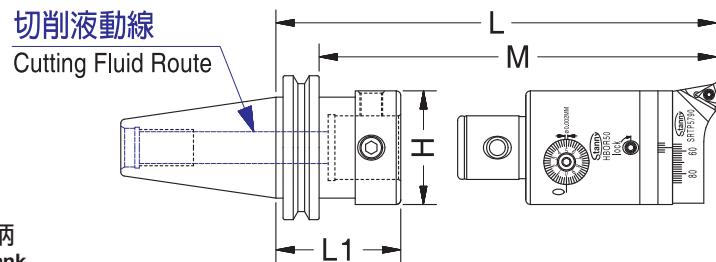
| 訂貨編號 Order No. | 規 格 Model | H | d | d1 | L | L1 | L2 | M | 淨重 N.W. |
|-------------------|----------------|-----|----|-----|-----|-----|-----|-----|------------|
| 40250304I | ISO30-H25-40 | 25 | - | 25 | 90 | 40 | 22 | 72 | 0.40 |
| 40320304I | ISO30-H32-40 | 32 | - | 32 | 103 | 40 | 27 | 90 | 0.45 |
| 40400304I | ISO30-H40-40 | 40 | - | 40 | 103 | 40 | 30 | 90 | 0.55 |
| 40500305I | ISO30-H50-50 | 50 | - | 50 | 130 | 50 | 42 | 120 | 0.75 |
| 40630306I | ISO30-H63-60 | 63 | - | 63 | 140 | 60 | 52 | 130 | 1.13 |
| 40250406I | ISO40-H25-60 | 25 | - | 29 | 122 | 60 | 45 | 95 | 0.95 |
| 40320406I | ISO40-H32-60 | 32 | - | 37 | 135 | 60 | 42 | 102 | 1.03 |
| 40400406I | ISO40-H40-60 | 40 | - | 44 | 135 | 60 | 43 | 102 | 1.14 |
| 40500403I | ISO40-H50-35 | 50 | - | 50 | 115 | 35 | 22 | 102 | 0.93 |
| 40630405I | ISO40-H63-55 | 63 | - | 63 | 140 | 55 | 42 | 102 | 1.40 |
| 40250511I | ISO50-H25-115 | 25 | 50 | 29 | 165 | 115 | 72 | 122 | 3.40 |
| 40320513I | ISO50-H32-135 | 32 | 63 | 36 | 198 | 135 | 92 | 155 | 3.90 |
| 40400516I | ISO50-H40-165 | 40 | 70 | 45 | 248 | 165 | 122 | 185 | 4.60 |
| 40500505I | ISO50-H50-50 | 50 | - | 50 | 130 | 50 | 27 | 102 | 3.20 |
| 40500520I | ISO50-H50-200 | 50 | - | 56 | 280 | 200 | 172 | 252 | 5.50 |
| 40630506I | ISO50-H63-65 | 63 | - | 63 | 145 | 65 | 37 | 122 | 3.50 |
| 40630524I | ISO50-H63-245 | 63 | - | 70 | 325 | 245 | 222 | 302 | 7.90 |
| 40800507I | ISO50-H80-70 | 80 | - | 80 | 150 | 70 | 47 | 125 | 3.90 |
| 40800521I | ISO50-H80-215 | 80 | - | 80 | 295 | 215 | 192 | 272 | 8.90 |
| 41000510I | ISO50-H100-100 | 100 | - | 100 | 200 | 100 | 80 | - | 6.20 |
| 41000520I | ISO50-H100-200 | 100 | - | 100 | 300 | 200 | 180 | - | 11.90 |

DIN69893A、ANSI、直柄、R8搪孔刀柄
DIN69893A, ANSI, Straight Shank, R8 Taper Shank for Boring System



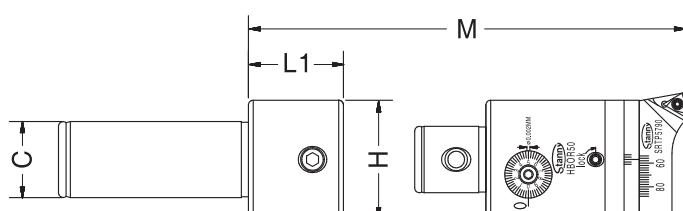
DIN69893A 搪孔刀柄
DIN69893A Shank

| 訂貨編號 Order No. | 規 格 Model | H | L | L1 | M | 淨 重 N.W. |
|-------------------|-----------------|-----|-----|-----|-----|-------------|
| 40254604 | HSK63-H25-40 | 25 | 90 | 40 | 60 | 0.66 |
| 40324604 | HSK63-H32-40 | 32 | 103 | 40 | 75 | 0.67 |
| 40404604 | HSK63-H40-45 | 40 | 108 | 45 | 80 | 0.74 |
| 40504605 | HSK63-H50-50 | 50 | 130 | 50 | 102 | 0.85 |
| 40634606 | HSK63-H63-67 | 63 | 147 | 67 | 102 | 1.16 |
| 40634907 | HSK100-H63-75 | 63 | 155 | 75 | 122 | 2.78 |
| 40804908 | HSK100-H80-80 | 100 | 160 | 80 | 130 | 3.30 |
| 41004911 | HSK100-H100-115 | 100 | 215 | 115 | 170 | 5.60 |



ANSI 搪孔刀柄
ANSI Taper Shank

| 訂貨編號 Order No. | 規 格 Model | H | L | L1 | M | 淨 重 N.W. |
|-------------------|--------------|----|-----|----|-----|-------------|
| 40253406 | CAT40-H25-63 | 25 | 113 | 63 | 90 | 0.96 |
| 40323406 | CAT40-H32-63 | 32 | 126 | 63 | 102 | 1.04 |
| 40403406 | CAT40-H40-63 | 40 | 126 | 63 | 102 | 1.14 |
| 40503405 | CAT40-H50-55 | 50 | 135 | 55 | 102 | 1.11 |
| 40503505 | CAT50-H50-50 | 50 | 130 | 50 | 102 | 2.85 |
| 40633506 | CAT50-H63-65 | 63 | 145 | 65 | 122 | 3.25 |

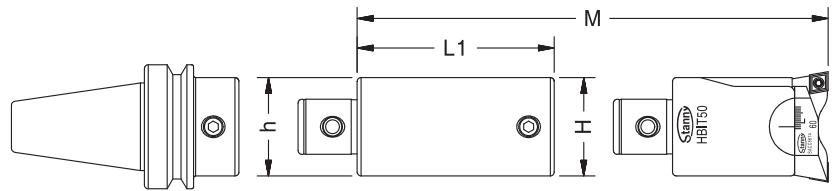


直柄
Straight Shank

| 訂貨編號 Order No. | 規 格 Model | C | H | L1 | M | 淨 重 N.W. |
|-------------------|--------------|----|----|----|-----|-------------|
| 40032503 | C32-H25-35 | 32 | 25 | 35 | 85 | 0.62 |
| 40033204 | C32-H32-40 | 32 | 32 | 40 | 102 | 0.67 |
| 40034004 | C32-H40-40 | 32 | 40 | 40 | 102 | 0.69 |
| 40035004 | C32-H50-40 | 32 | 50 | 40 | 120 | 0.86 |
| 40036305 | C32-H63-55 | 32 | 63 | 55 | 135 | 1.41 |

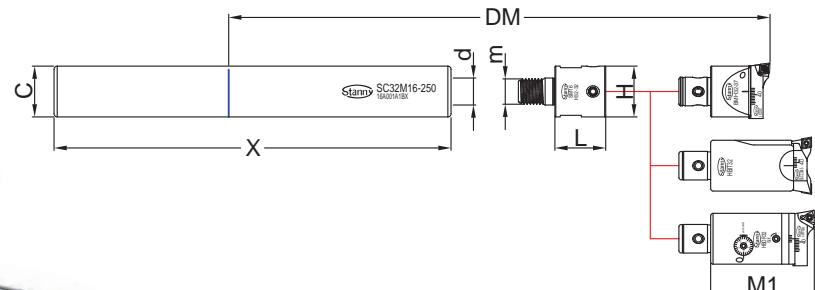
延長接桿、鎢鋼柄、接桿

Extension Spacer, Carbide Shank, Shank for Boring System



延長接桿
Extension Spacer

| 訂貨編號 Order No. | 規 格 Model | h | H | L1 | M | 淨重 N.W. |
|-------------------|--------------|-----|-----|-----|-----|------------|
| 42252502 | h25H25-25 | 25 | 25 | 25 | 75 | 0.09 |
| 42252505 | h25H25-50 | 25 | 25 | 50 | 100 | 0.18 |
| 42323203 | h32H32-32 | 32 | 32 | 32 | 95 | 0.18 |
| 42323206 | h32H32-64 | 32 | 32 | 64 | 125 | 0.37 |
| 42404004 | h40H40-40 | 40 | 40 | 40 | 102 | 0.37 |
| 42404008 | h40H40-80 | 40 | 40 | 80 | 142 | 0.92 |
| 42505005 | h50H50-50 | 50 | 50 | 50 | 130 | 0.69 |
| 42505010 | h50H50-100 | 50 | 50 | 100 | 180 | 1.41 |
| 42636306 | h63H63-63 | 63 | 63 | 63 | 143 | 1.40 |
| 42636312 | h63H63-126 | 63 | 63 | 126 | 205 | 2.77 |
| 42808008 | h80H80-80 | 80 | 80 | 80 | 160 | 2.80 |
| 42808016 | h80H80-160 | 80 | 80 | 160 | 240 | 5.60 |
| 42101010 | h100H100-100 | 100 | 100 | 100 | 200 | 5.75 |
| 42101020 | h100H100-200 | 100 | 100 | 200 | 300 | 11.30 |



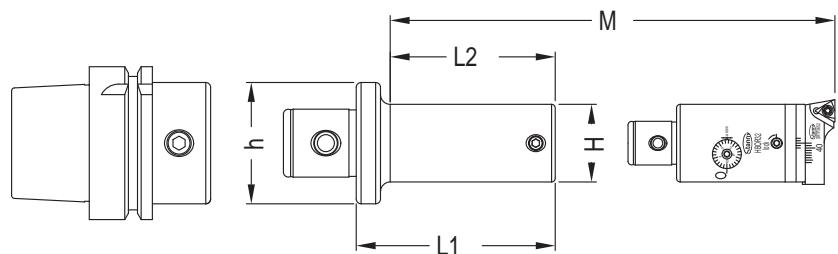
鎢鋼柄
Carbide Shank

| 訂貨編號 Order No. | 規 格 Model | C | X | d | 接桿 Shank | 淨重 N.W. |
|-------------------|--------------|---|-----|---|-------------|------------|
| 45072515 | SC25M12-150 | | 150 | | | 0.93 |
| 45072520 | SC25M12-200 | | 200 | | | 1.26 |
| 45072525 | SC25M12-250 | | 250 | | | 1.58 |
| 45072530 | SC25M12-300 | | 300 | | | 1.91 |
| 45073215 | SC32M16-150 | | 150 | | | 1.50 |
| 45073220 | SC32M16-200 | | 200 | | | 2.05 |
| 45073225 | SC32M16-250 | | 250 | | | 2.59 |
| 45073230 | SC32M16-300 | | 300 | | | 3.15 |

接桿
Shank

| 訂貨編號 Order No. | 規 格 Model | H | m | L | 鎢鋼柄 Carbide Shank | M1 | | | 深 度 DM | 淨 重 N.W. |
|-------------------|--------------|----|-----|----|----------------------|-----|------|------|-----------|-------------|
| | | | | | | BMH | HBIT | HBOR | | |
| 45081225 | SM12H25-25 | 25 | M12 | 25 | SC25M12 | 30 | 50 | 50 | 175 | 0.09 |
| 45081632 | SM16H32-32 | 32 | M16 | 32 | SC32M16 | 37 | 63 | 63 | 224 | 0.18 |

縮徑接桿
Stepped Spacer for Boring System

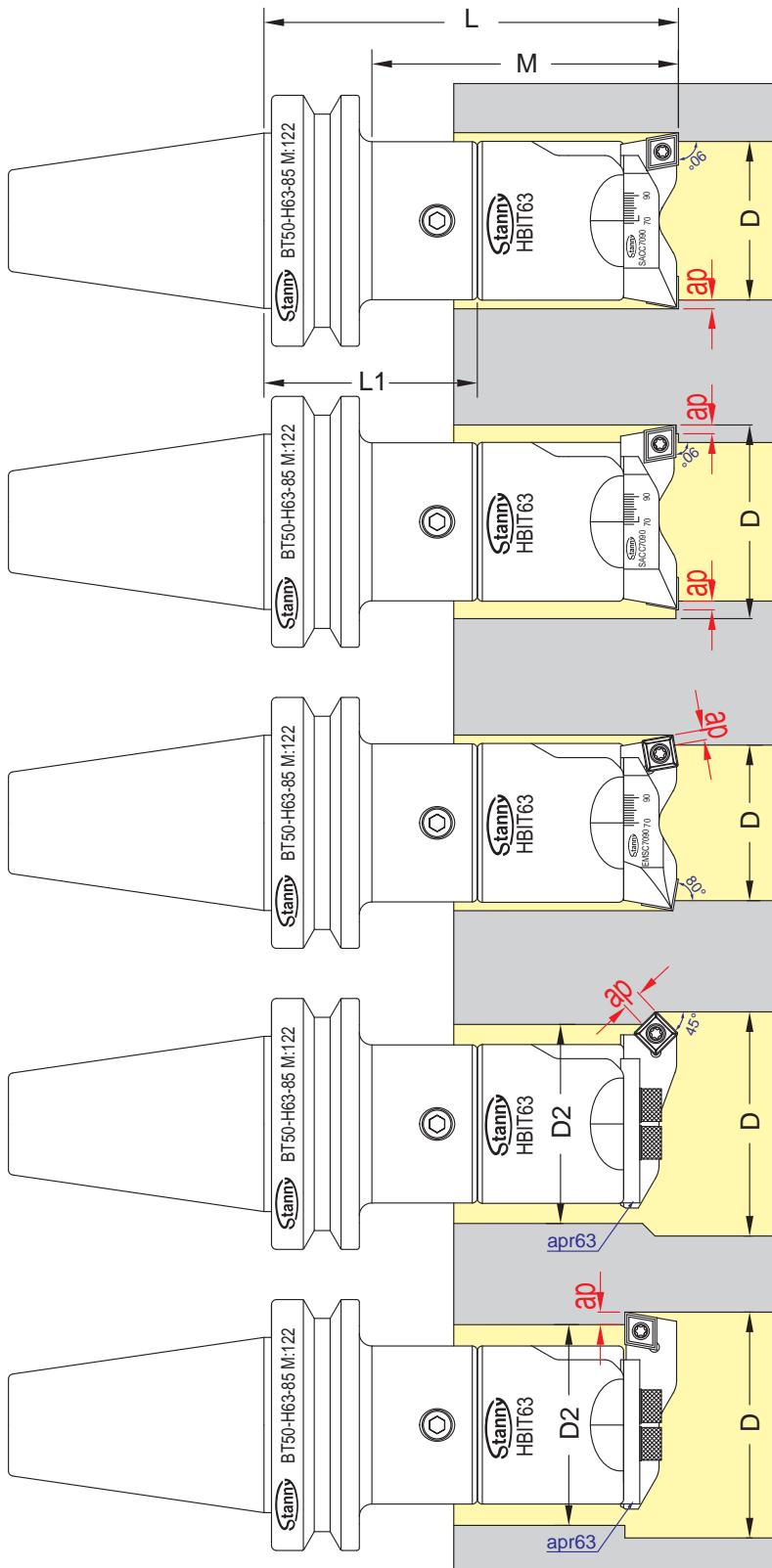


縮徑接桿
Stepped Spacer

| 訂貨編號 Order No. | 規 格 Model | h | H | L1 | L2 | M | 淨 重 N.W. |
|-------------------|--------------|----|----|-----|-----|-----|-------------|
| 43322503 | h32H25-25 | 32 | 25 | 32 | 23 | 75 | 0.14 |
| 43322505 | h32H25-48 | 32 | 25 | 57 | 48 | 100 | 0.22 |
| 43402504 | h40H25-30 | 40 | 25 | 40 | 28 | 75 | 0.24 |
| 43402506 | h40H25-50 | 40 | 25 | 65 | 53 | 105 | 0.33 |
| 43403204 | h40H32-30 | 40 | 32 | 40 | 28 | 92 | 0.28 |
| 43403207 | h40H32-60 | 40 | 32 | 72 | 60 | 123 | 0.46 |
| 43502505 | h50H25-35 | 50 | 25 | 50 | 30 | 85 | 0.44 |
| 43502507 | h50H25-60 | 50 | 25 | 75 | 55 | 110 | 0.53 |
| 43503205 | h50H32-35 | 50 | 32 | 50 | 30 | 98 | 0.45 |
| 43503208 | h50H32-67 | 50 | 32 | 82 | 62 | 130 | 0.64 |
| 43504005 | h50H40-35 | 50 | 40 | 50 | 33 | 98 | 0.55 |
| 43504009 | h50H40-75 | 50 | 40 | 90 | 73 | 138 | 1.10 |
| 43632506 | h63H25-40 | 63 | 25 | 63 | 38 | 90 | 0.73 |
| 43632509 | h63H25-70 | 63 | 25 | 93 | 68 | 120 | 0.84 |
| 43632511 | h63H25-90 | 63 | 25 | 113 | 88 | 140 | 0.91 |
| 43633206 | h63H32-40 | 63 | 32 | 63 | 38 | 102 | 0.83 |
| 43633210 | h63H32-80 | 63 | 32 | 107 | 82 | 145 | 1.08 |
| 43633212 | h63H32-100 | 63 | 32 | 127 | 102 | 165 | 1.21 |
| 43634006 | h63H40-40 | 63 | 40 | 63 | 40 | 102 | 0.94 |
| 43634011 | h63H40-90 | 63 | 40 | 113 | 90 | 153 | 1.64 |
| 43634014 | h63H40-120 | 63 | 40 | 143 | 120 | 183 | 2.04 |
| 43635006 | h63H50-40 | 63 | 50 | 63 | 44 | 120 | 1.09 |
| 43635012 | h63H50-100 | 63 | 50 | 123 | 104 | 180 | 1.95 |
| 43635016 | h63H50-140 | 63 | 50 | 163 | 144 | 220 | 2.53 |
| 43802508 | h80H25-50 | 80 | 25 | 80 | 50 | 100 | 1.45 |
| 43802511 | h80H25-80 | 80 | 25 | 110 | 80 | 130 | 1.60 |
| 43802513 | h80H25-100 | 80 | 25 | 130 | 100 | 150 | 1.70 |
| 43803208 | h80H32-50 | 80 | 32 | 80 | 50 | 112 | 1.55 |
| 43803212 | h80H32-90 | 80 | 32 | 120 | 90 | 150 | 1.85 |
| 43803214 | h80H32-115 | 80 | 32 | 145 | 115 | 175 | 2.05 |
| 43804008 | h80H40-50 | 80 | 40 | 80 | 50 | 112 | 1.70 |
| 43804013 | h80H40-100 | 80 | 40 | 130 | 100 | 162 | 2.20 |
| 43804016 | h80H40-130 | 80 | 40 | 160 | 130 | 190 | 2.50 |
| 43805008 | h80H50-50 | 80 | 50 | 80 | 50 | 130 | 1.95 |
| 43805015 | h80H50-120 | 80 | 50 | 150 | 120 | 200 | 3.10 |
| 43805018 | h80H50-150 | 80 | 50 | 180 | 150 | 230 | 3.55 |
| 43806308 | h80H63-60 | 80 | 63 | 80 | 60 | 140 | 2.30 |
| 43806316 | h80H63-140 | 80 | 63 | 160 | 140 | 220 | 4.05 |
| 43806320 | h80H63-186 | 80 | 63 | 206 | 186 | 265 | 5.05 |

雙刃粗搪孔組合系統-搪孔示意圖

Adjustable Twin Cutter Roughing and Semi-Finishing Boring System - Illustration Diagram



雙刃—粗搪

SACC and SACC Cutting Insert Holders

H • BIT-AA

雙刃—一段差粗搪

SACC and SBCC Cutting Insert Holders

H • BIT-AB

雙刃—80°粗搪

EMSC and EMSC 80° Cutting Insert Holders

H • BIT-MM

單刃—45°正反倒角

IWSC Positive and Negative 45° Chamfer

Cutting Insert Holder and Apron

H • BIT-AW

單刃—反搪孔

RKCC Reverse Cutting Insert Holder and

Apron

H • BIT-AK



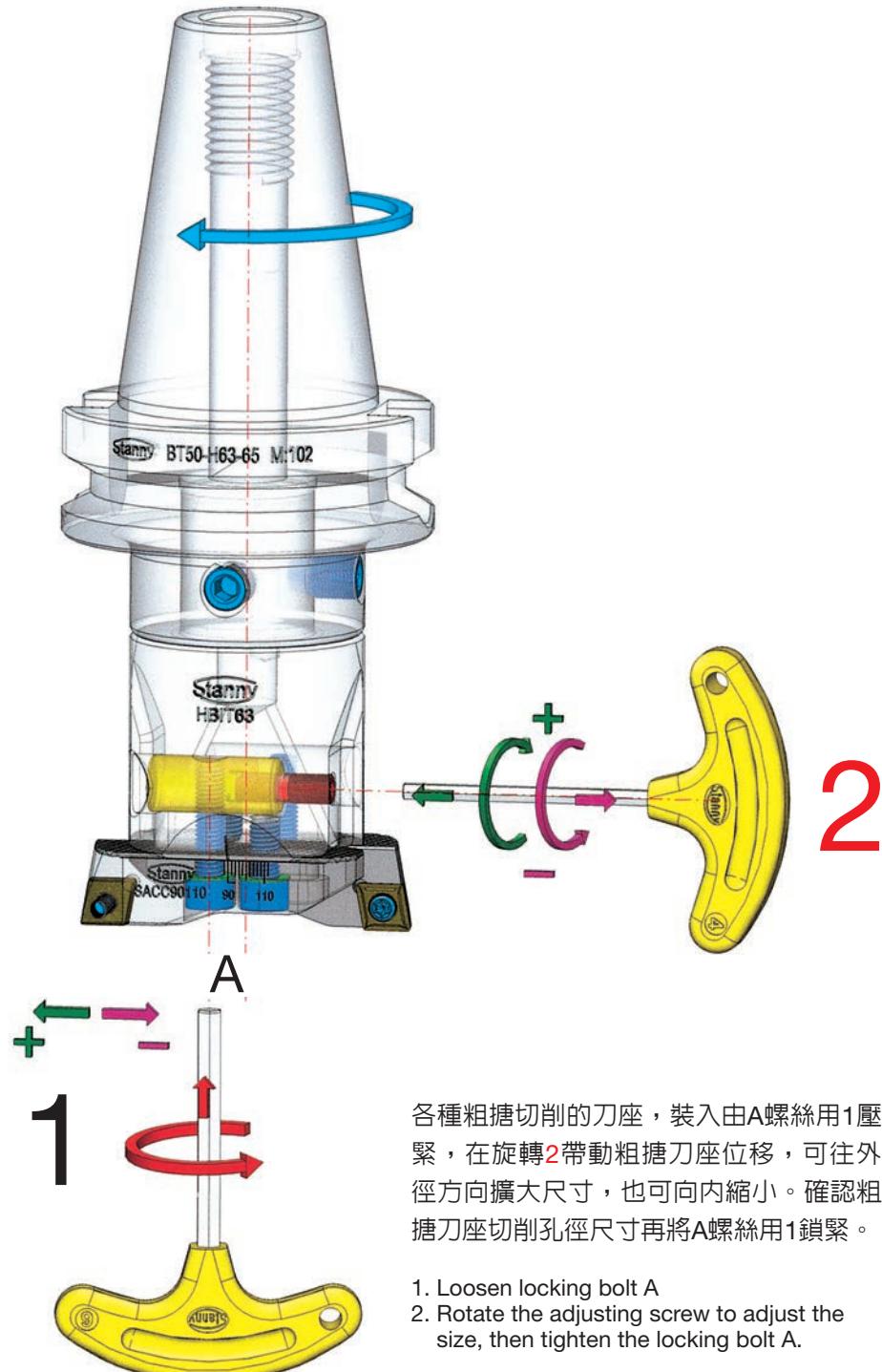
H·BIT

雙刃粗搪孔刀系統
Adjustable Twin Cutter Roughing
and Semi-Finishing Boring System



H·BIT 雙刃粗搪孔刀系統

Adjustable Twin Cutter Roughing and Semi-Finishing Boring System

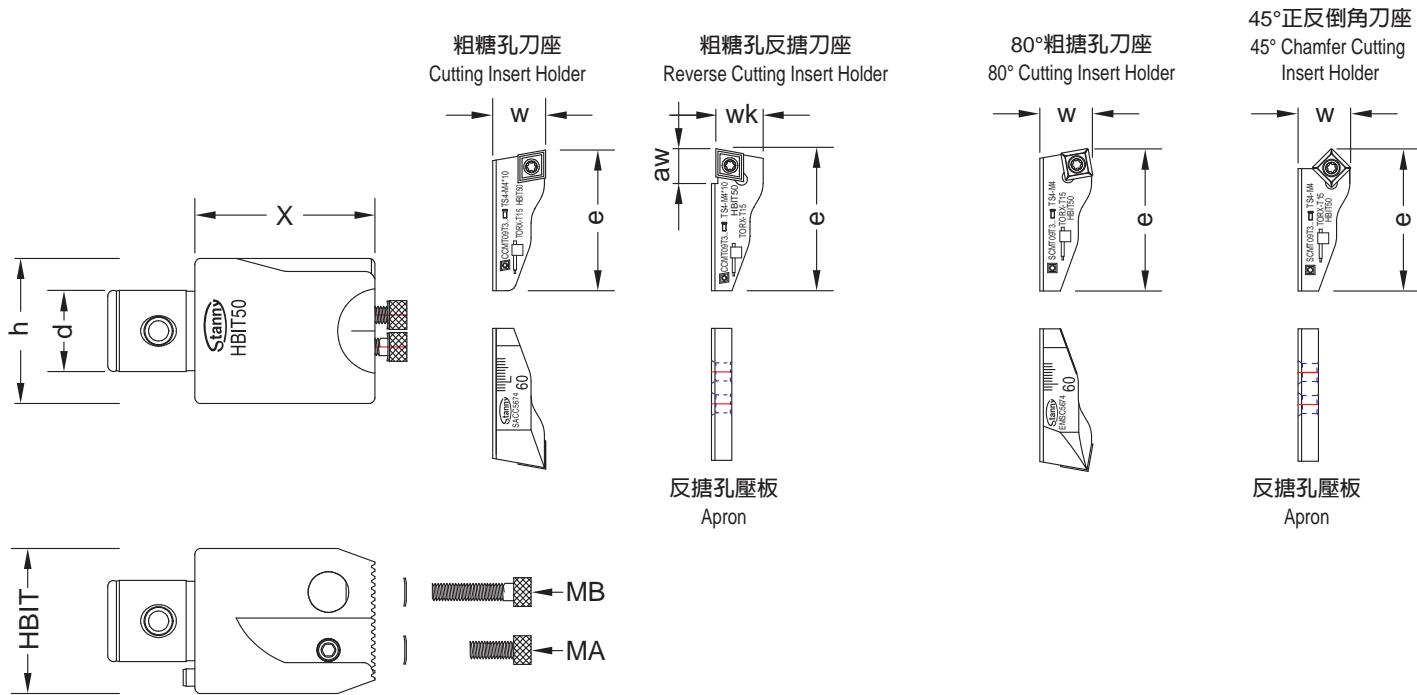


各種粗搪切削的刀座，裝入由A螺絲用1壓緊，在旋轉2帶動粗搪刀座位移，可往外徑方向擴大尺寸，也可向內縮小。確認粗搪刀座切削孔徑尺寸再將A螺絲用1鎖緊。

1. Loosen locking bolt A
2. Rotate the adjusting screw to adjust the size, then tighten the locking bolt A.

H • BIT

雙刃粗搪孔刀
Adjustable Twin Cutter Roughing and Semi-Finishing Boring System

粗搪孔刀本體 Body

H • BIT 雙刃粗搪孔刀-本體
Body for H•BIT Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 規 格 Model | 系 統 h | d | X | MA Bolt | MB Bolt | 淨重 N.W. |
|-------------------|--------------|----------|----|----|------------|------------|------------|
| 31000025 | HBIT25 | 25 | 14 | 40 | M4×10 | M4×18 | 0.15 |
| 31000032 | HBIT32 | 32 | 18 | 50 | M5×10 | M5×20 | 0.33 |
| 31000040 | HBIT40 | 40 | 22 | 48 | M6×12 | M6×20 | 0.48 |
| 31000050 | HBIT50 | 50 | 28 | 62 | M6×14 | M6×25 | 0.96 |
| 31000063 | HBIT63 | 63 | 36 | 58 | M8×16 | M8×30 | 1.54 |
| 31000080 | HBIT80 | 63 | 36 | 58 | M8×16 | M8×30 | 1.96 |
| 31000080E | HBIT80E | 80 | 46 | 58 | M8×16 | M8×30 | 2.42 |
| 31000120 | HBIT120 | 100 | 56 | 73 | M10×20 | M10×40 | 5.85 |

H • BIT

**雙刃粗搪孔刀
Adjustable Twin Cutter Roughing and Semi-Finishing Boring System**

粗搪孔刀座 **Cutting Insert Holder**
80° 粗搪孔刀座 **80° Cutting Insert Holder**



H • BIT 粗搪孔刀座
Cutting Insert Holder for H-BIT Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 較高粗搪孔刀座 Cutting Insert Holder | 系統 System | 範圍 D Boring Range øDMin-øDMax | W | e | 刀片 Insert | 搪孔量 ap | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------------------------------|--------------|-------------------------------------|------|-------|--------------|------------|------------|--------------|------------|
| 30252936A | SACC2936 | HBIT25 | 29-36 | | 25.9 | | | 0.5-1 | | 0.01 |
| 30253542A | SACC3542 | | 35-42 | | 30.6 | | CCMT0602.. | TS25-M2.5 | T8 | 0.02 |
| 30323645A | SACC3645 | HBIT32 | 36-45 | | 32 | | | 1-3 | | 0.02 |
| 30324453A | SACC4453 | | 44-53 | | 38 | | | | | 0.02 |
| 30404556A | SACC4556 | HBIT40 | 45-56 | | 40 | | CCMT09T3.. | 0.5-1 | | 0.04 |
| 30405566A | SACC5566 | | 55-66 | | 46.5 | | | TS4-M4 | T15 | 0.05 |
| 30505674A | SACC5674 | HBIT50 | 56-74 | | 49 | | | 1-4 | | 0.06 |
| 30507492A | SACC7492 | | 74-92 | | 62 | | | | | 0.09 |
| 30637090A | SACC7090 | HBIT63 | 70-90 | | 61 | | | | | 0.12 |
| 30639011A | SACC90110 | | 90-110 | | 78.5 | | | 0.5-1 | | 0.18 |
| 30809013A | SACC90130 | HBIT80 | 90-130 | | 80.5 | | CCMT1204.. | TS5-M5 | T25 | 0.17 |
| 30813017A | SACC130170 | HBIT80E | 130-170 | | 100.5 | | | | | 0.23 |
| 30912013A | SACC130190 | HBIT120 | 130-190 | | 119.5 | | | 1-5 | | 0.41 |
| 30912017A | SACC170230 | | 170-230 | 27.9 | 139.5 | | | | | 0.52 |

H • BIT 粗搪孔刀座
Cutting Insert Holder for H-BIT Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 較低粗搪孔刀座 Cutting Insert Holder | 系統 System | 範圍 D Boring Range øDMin-øDMax | W | e | 刀片 Insert | 搪孔量 ap | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------------------------------|--------------|-------------------------------------|------|-------|--------------|------------|------------|--------------|------------|
| 30252936B | SBCC2936 | HBIT25 | 29-36 | | 25.9 | | | 0.5-1 | | 0.01 |
| 30253542B | SBCC3542 | | 35-42 | | 30.6 | | CCMT0602.. | TS25-M2.5 | T8 | 0.02 |
| 30323645B | SBCC3645 | HBIT32 | 36-45 | | 32 | | | 1-3 | | 0.02 |
| 30324453B | SBCC4453 | | 44-53 | | 38 | | | | | 0.02 |
| 30404556B | SBCC4556 | HBIT40 | 45-56 | | 40 | | CCMT09T3.. | 0.5-1 | | 0.04 |
| 30405566B | SBCC5566 | | 55-66 | | 46.5 | | | TS4-M4 | T15 | 0.05 |
| 30505674B | SBCC5674 | HBIT50 | 56-74 | | 49 | | | 1-4 | | 0.07 |
| 30507492B | SBCC7492 | | 74-92 | | 62 | | | | | 0.09 |
| 30637090B | SBCC7090 | HBIT63 | 70-90 | | 61 | | | | | 0.13 |
| 30639011B | SBCC90110 | | 90-110 | | 78.5 | | | 0.5-1 | | 0.18 |
| 30809013B | SBCC90130 | HBIT80 | 90-130 | | 80.5 | | CCMT1204.. | TS5-M5 | T25 | 0.18 |
| 30813017B | SBCC130170 | HBIT80E | 130-170 | | 100.5 | | | | | 0.24 |
| 30912013B | SBCC130190 | HBIT120 | 130-190 | 27.5 | 119.5 | | | 1-5 | | 0.40 |
| 30912017B | SBCC170230 | | 170-230 | | 139.5 | | | | | 0.51 |

備註：SACC 刀座和 SBCC 刀座差別於(W)。

PS. The difference of SACC Cutting Insert Holder and SBCC Cutting Insert Holder is the height(W).

H • BIT 80°粗搪孔刀座
80° Cutting Insert Holder for H-BIT Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 80°粗搪孔刀座 80° Cutting Insert Holder | 系統 System | 範圍 D Boring Range øDMin-øDMax | W | e | 刀片 Insert | 搪孔量 ap | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--|--------------|-------------------------------------|------|-------|--------------|------------|------------|--------------|------------|
| 30252936M | EMSC2936 | HBIT25 | 29-36 | | 25.9 | | | 0.5-1 | | 0.01 |
| 30253542M | EMSC3542 | | 35-42 | | 30.6 | | SCET0602.. | TS25-M2.5 | T8 | 0.01 |
| 30323645M | EMSC3645 | HBIT32 | 36-45 | | 32 | | | 1-3 | | 0.01 |
| 30324453M | EMSC4453 | | 44-53 | | 38 | | | | | 0.02 |
| 30404556M | EMSC4556 | HBIT40 | 45-56 | | 40 | | SCMT09T3.. | 0.5-1 | | 0.03 |
| 30405566M | EMSC5566 | | 55-66 | | 46.5 | | | TS4-M4 | T15 | 0.04 |
| 30505674M | EMSC5674 | HBIT50 | 56-74 | | 49 | | | 1-4 | | 0.06 |
| 30507492M | EMSC7492 | | 74-92 | | 62 | | | | | 0.09 |
| 30637090M | EMSC7090 | HBIT63 | 70-90 | | 61 | | | | | 0.12 |
| 30639011M | EMSC90110 | | 90-110 | | 78.5 | | | 0.5-1 | | 0.18 |
| 30809013M | EMSC90130 | HBIT80 | 90-130 | | 80.5 | | SCMT1204.. | TS5-M5 | T25 | 0.17 |
| 30813017M | EMSC130170 | HBIT80E | 130-170 | | 100.5 | | | | | 0.23 |
| 30912013M | EMSC130190 | HBIT120 | 130-190 | 27.8 | 119.5 | | | 1-5 | | 0.41 |
| 30912017M | EMSC170230 | | 170-230 | | 139.5 | | | | | 0.52 |

45° 正反倒角粗搪孔刀座 45° Chamfer Cutting Insert Holder

粗搪孔反搪刀座 Reverse Cutting Insert Holder

反搪孔壓板 Apron



H • BIT 45° 正反倒角粗搪孔刀座

45° Chamfer Cutting Insert Holder for H•BIT Adjustable Single Cutter Roughing

| 訂貨編號 Order No. | 45°正反倒角刀座 45° Chamfer Cutting Insert Holder | 系統 System | 範圍 D Boring Range øDMin-øDMax | W | e | 刀片 Insert | 搪孔量 ap | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--|--------------|-------------------------------------|------|-------|--------------|-----------|------------|--------------|------------|
| 30252936W | IWSC2936 | HBIT25 | 29-36 | 12.4 | 25.9 | SCET0602.. | 0.5-1 | TS25-M2.5 | T8 | 0.01 |
| 30253542W | IWSC3542 | | 35-42 | | 30.6 | | 1-3 | | | 0.01 |
| 30323645W | IWSC3645 | | 36-45 | | 32 | | 0.5-1 | | | 0.01 |
| 30324453W | IWSC4453 | | 44-53 | 16 | 38 | | 1-4 | TS4-M4 | T15 | 0.02 |
| 30404556W | IWSC4556 | | 45-56 | | 40 | | 0.5-1 | | | 0.03 |
| 30405566W | IWSC5566 | | 55-66 | | 46.5 | | 1-4 | | | 0.04 |
| 30505674W | IWSC5674 | | 56-74 | | 49 | | 0.5-1 | | | 0.06 |
| 30507492W | IWSC7492 | HBIT50 | 74-92 | 18.3 | 62 | SCMT09T3.. | 1-5 | TS5-M5 | T25 | 0.09 |
| 30637090W | IWSC7090 | | 70-90 | 23.1 | 61 | | 0.5-1 | | | 0.11 |
| 30639011W | IWSC90110 | | 90-110 | | 78.5 | | 1-5 | | | 0.17 |
| 30809013W | IWSC90130 | HBIT80 | 90-130 | 27.8 | 80.5 | | 0.5-1 | TS5-M5 | T25 | 0.16 |
| 30813017W | IWSC130170 | | 130-170 | | 100.5 | | 1-5 | | | 0.22 |
| 30912013W | IWSC130190 | HBIT120 | 130-190 | 27.8 | 119.5 | | 0.5-1 | TS5-M5 | T25 | 0.39 |
| 30912017W | IWSC170230 | | 170-230 | | 139.5 | | 1-5 | | | 0.50 |



H • BIT 粗搪孔反搪刀座

Reverse Cutting Insert Holder for H•BIT Adjustable Single Cutter Roughing

| 訂貨編號 Order No. | 粗搪孔反搪刀座 Reverse Cutting Insert Holder | 系統 System | 範圍 D Boring Range øDMin-øDMax | 壓板 Apron | aw | wk | e | 刀片 Insert | 搪孔量 ap | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--|--------------|-------------------------------------|-------------|----|----|-------|--------------|-----------|------------|--------------|------------|
| 30252936K | RKCC2936 | HBIT25 | 29-36 | apr25 | 4 | 11 | 25 | CCMT0602.. | 0.5-1 | TS25-M2.5 | T8 | 0.01 |
| 30253542K | RKCC3542 | | 35-42 | | 7 | 11 | 30 | | 1-3 | | | 0.02 |
| 30323645K | RKCC3645 | | 36-45 | | 5 | 11 | 32 | | 0.5-1 | | | 0.02 |
| 30324453K | RKCC4453 | | 44-53 | apr32 | 9 | 11 | 38 | | 1-4 | TS4-M4 | T15 | 0.04 |
| 30404556K | RKCC4556 | | 45-56 | | 9 | 15 | 40 | | 0.5-1 | | | 0.05 |
| 30405566K | RKCC5566 | | 55-66 | | 10 | 15 | 46.5 | | 1-4 | | | 0.07 |
| 30505674K | RKCC5674 | | 56-74 | | 11 | 17 | 48.5 | | 0.5-1 | | | 0.09 |
| 30507492K | RKCC7492 | | 74-92 | apr50 | 17 | 17 | 62 | | 1-4 | TS4-M4 | T15 | 0.13 |
| 30637090K | RKCC7090 | | 70-90 | apr63 | 12 | 22 | 60 | | 0.5-1 | | | 0.18 |
| 30639011K | RKCC90110 | | 90-110 | | 22 | 22 | 78 | | 1-5 | TS5-M5 | T25 | 0.18 |
| 30809013K | RKCC90130 | HBIT80 | 90-130 | apr80 | 24 | 22 | 79.5 | CCMT1204.. | 0.5-1 | | | 0.25 |
| 30813017K | RKCC130170 | | 130-170 | | 44 | 22 | 99.5 | | 1-5 | | | 0.40 |
| 30912013K | RKCC130190 | HBIT120 | 130-190 | apr120 | 34 | 27 | 119.5 | | 0.5-1 | | | 0.50 |
| 30912017K | RKCC170230 | | 170-230 | | 54 | 27 | 139.5 | | 1-5 | | | 0.50 |

H • BIT 反搪孔壓板

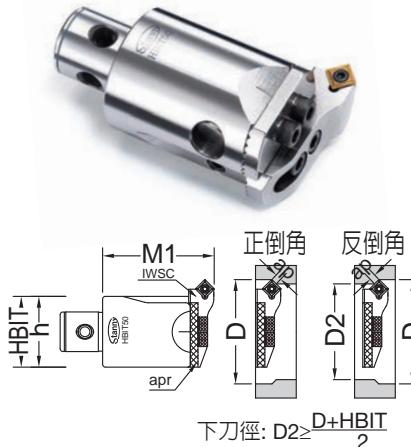
Apron for H • BIT Adjustable Single Cutter Roughing

| 訂貨編號 Order No. | 規 格 Model | 系 統 System | 淨 重 N.W. |
|-------------------|--------------|-------------------|-------------|
| 30002525 | apr25 | HBIT25 | 0.01 |
| 30003232 | apr32 | HBIT32 | 0.01 |
| 30004040 | apr40 | HBIT40 | 0.02 |
| 30005050 | apr50 | HBIT50 | 0.04 |
| 30006363 | apr63 | HBIT63 | 0.07 |
| 30008080 | apr80 | HBIT80 HBIT80E | 0.09 |
| 30012012 | apr120 | HBIT120 | 0.24 |

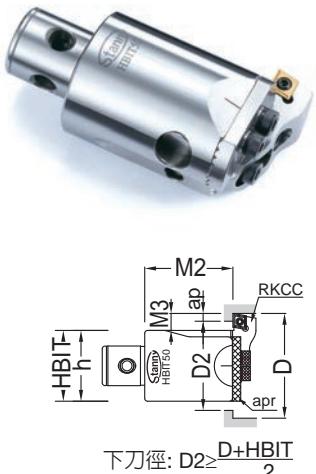


粗搪孔刀本體、45°正反倒角粗搪孔刀座 Body and 45° Chamfer Cutting Insert Holder

粗搪孔刀本體、粗搪孔反搪刀座 Body and Reverse Cutting Insert Holder

45°正反倒角粗搪頭系統組合
Body and 45° Chamfer Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圓 D Boring Range øDMin-øDMax | M1 | h | 粗搪孔刀本體 Boring Head | 45°正反倒角刀座 45° Chamfer Cutting Insert Holder | 壓 板 Apron | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-----|-----|-----------------------|---|--------------|-------------|
| 32290000AW | HBIT25 AW | 29-36 | 50 | 25 | HBIT25 | IWSC2936 | apr25 | 0.17 |
| 32350000AW | HBIT25 AW | 35-42 | | | | IWSC3542 | | 0.17 |
| 33360000AW | HBIT32 AW | 36-45 | | 32 | HBIT32 | IWSC3645 | apr32 | 0.35 |
| 33440000AW | HBIT32 AW | 44-53 | 63 | | | IWSC4453 | | 0.36 |
| 34450000AW | HBIT40 AW | 45-56 | | 40 | HBIT40 | IWSC4556 | apr40 | 0.53 |
| 34550000AW | HBIT40 AW | 55-66 | | | | IWSC5566 | | 0.54 |
| 35560000AW | HBIT50 AW | 56-74 | | 50 | HBIT50 | IWSC5674 | apr50 | 1.06 |
| 35740000AW | HBIT50 AW | 74-92 | | | | IWSC7492 | | 1.09 |
| 36700000AW | HBIT63 AW | 70-90 | | 63 | HBIT63 | IWSC7090 | apr63 | 1.72 |
| 36900000AW | HBIT63 AW | 90-110 | | | | IWSC90110 | | 1.78 |
| 38900000AW | HBIT80 AW | 90-130 | | | HBIT80 | IWSC90130 | apr80 | 2.21 |
| 38910000AW | HBIT80 AW | 130-170 | | | | IWSC130170 | | 2.27 |
| 38900000EAW | HBIT80E AW | 90-130 | | 80 | HBIT80E | IWSC90130 | apr80 | 2.67 |
| 38910000EAW | HBIT80E AW | 130-170 | | | | IWSC130170 | apr80 | 2.73 |
| 39130000AW | HBIT120 AW | 130-190 | 100 | 100 | HBIT120 | IWSC130190 | apr120 | 6.48 |
| 39170000AW | HBIT120 AW | 170-230 | | | | IWSC170230 | | 6.59 |

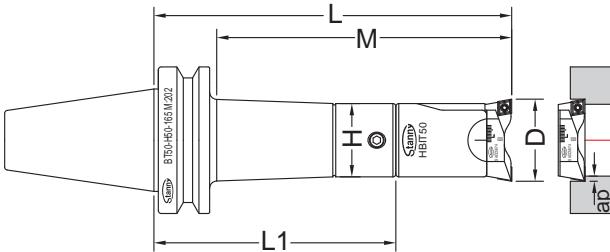
粗搪反搪孔頭系統組合
Body and Reverse Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圓 D Boring Range øDMin-øDMax | M3 | M2 | h | 粗搪孔刀本體 Boring Head | 粗搪孔反搪刀座 Reverse Cutting Insert Holder | 壓 板 Apron | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-------|----|-----|-----------------------|---|--------------|-------------|
| 32290000AK | HBIT25 AK | 29-36 | 1-4 | 40 | 25 | HBIT25 | RKCC2936 | apr25 | 0.17 |
| 32350000AK | HBIT25 AK | 35-42 | 4-7 | | | | RKCC3542 | | 0.18 |
| 33360000AK | HBIT32 AK | 36-45 | 1-5 | 50 | 32 | HBIT32 | RKCC3645 | apr32 | 0.36 |
| 33440000AK | HBIT32 AK | 44-53 | 5-9 | | | | RKCC4453 | | 0.36 |
| 34450000AK | HBIT40 AK | 45-56 | 1-5 | 48 | 40 | HBIT40 | RKCC4556 | apr40 | 0.54 |
| 34550000AK | HBIT40 AK | 55-66 | 6-12 | | | | RKCC5566 | | 0.55 |
| 35560000AK | HBIT50 AK | 56-74 | 2-11 | 62 | 50 | HBIT50 | RKCC5674 | apr50 | 1.07 |
| 35740000AK | HBIT50 AK | 74-92 | 11-17 | | | | RKCC7492 | | 1.09 |
| 36700000AK | HBIT63 AK | 70-90 | 2-12 | | | HBIT63 | RKCC7090 | apr63 | 1.74 |
| 36900000AK | HBIT63 AK | 90-110 | 12-22 | | 63 | | RKCC90110 | | 1.79 |
| 38900000AK | HBIT80 AK | 90-130 | 4-24 | 58 | | HBIT80 | RKCC90130 | apr80 | 2.23 |
| 38910000AK | HBIT80 AK | 130-170 | 24-44 | | | | RKCC130170 | | 2.30 |
| 38900000EAK | HBIT80E AK | 90-130 | 4-24 | | | HBIT80E | RKCC90130 | apr80 | 2.69 |
| 38910000EAK | HBIT80E AK | 130-170 | 24-44 | | | | RKCC130170 | | 2.70 |
| 39130000AK | HBIT120 AK | 130-190 | 4-34 | 73 | 100 | HBIT120 | RKCC130190 | apr120 | 6.49 |
| 39170000AK | HBIT120 AK | 170-230 | 24-54 | | | | RKCC170230 | | 6.59 |



H • BIT**雙刃粗搪孔刀-AA type
Adjustable Twin Cutter Roughing and Semi-Finishing Boring System**

搪孔刀柄、粗搪孔刀本體、粗搪孔刀座 Taper Shank, Body and Cutting Insert Holder

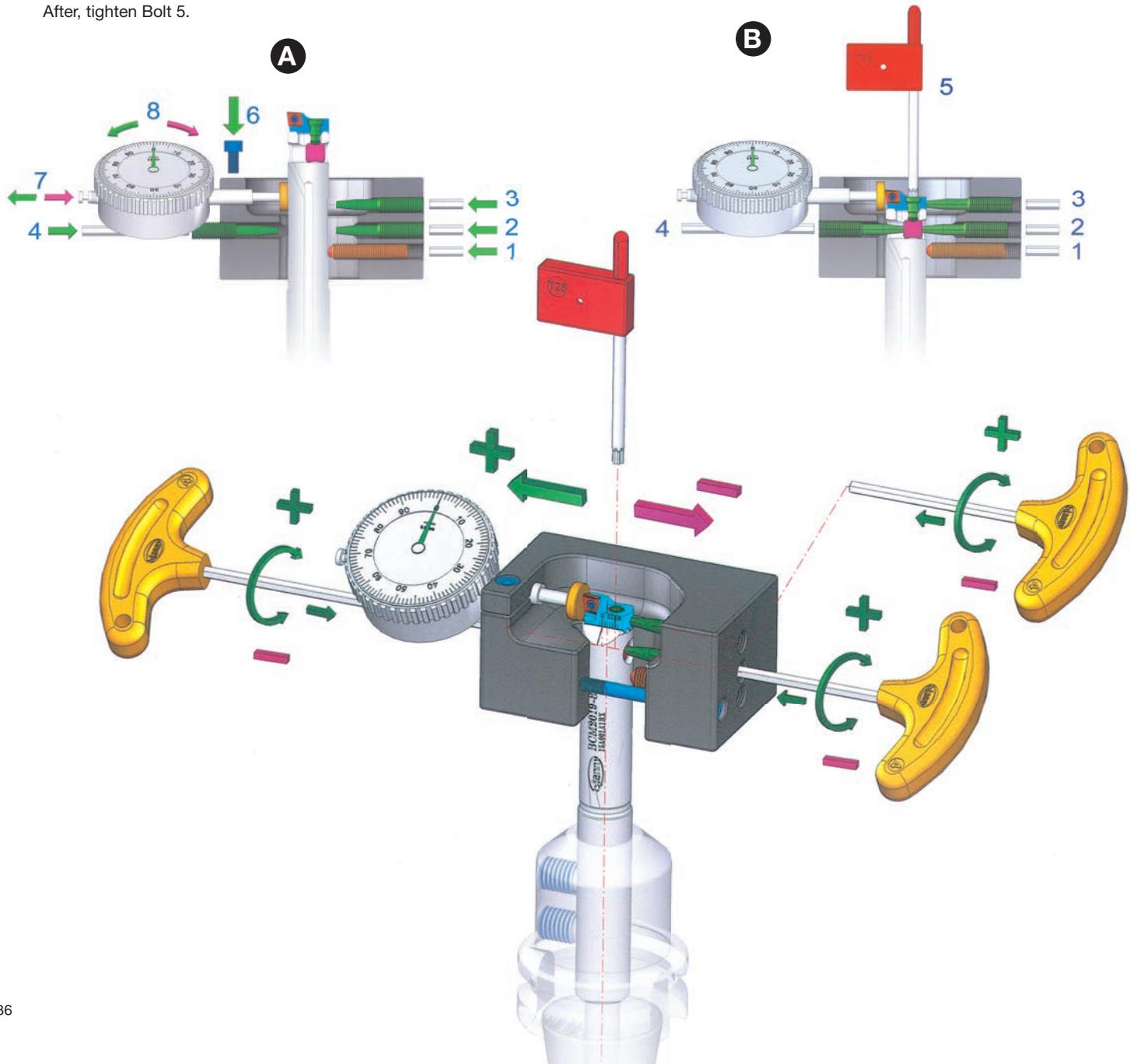
**整支 SET****MAS403 BT-H • BIT 雙刃粗搪孔刀(AA type)****MAS403 BT and H • BIT Adjustable Twin Cutter Boring Head (AA type)**

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{Min} - ϕD_{Max} | M | L | 粗搪孔系統組合 Adjustable Twin Cutter Boring System | | | 淨 重 N.W. |
|-------------------|-----------------|--|-----|-----|---|-----------------------|--------------------------------|-------------|
| | | | | | 搪孔刀柄 Taper Shank | 粗搪孔刀本體 Boring Head | 粗搪孔刀座 Cutting Insert Holder | |
| 32291406AA | BT40-HBIT25-60 | AA 29-36 | 60 | 90 | BT40-H25-40 | HBIT25 | SACC2936 | SACC2936 |
| 32291409AA | BT40-HBIT25-90 | AA 29-36 | 90 | 122 | BT40-H25-72 | | | |
| 32291412AA | BT40-HBIT25-123 | AA 29-36 | 123 | 150 | BT40-H25-100 | | | |
| 32291414AA | BT40-HBIT25-145 | AA 29-36 | 145 | 177 | BT40-H25-127 | | | |
| 32351406AA | BT40-HBIT25-60 | AA 35-42 | 60 | 90 | BT40-H25-40 | | | |
| 32351409AA | BT40-HBIT25-90 | AA 35-42 | 90 | 122 | BT40-H25-72 | | | |
| 32351412AA | BT40-HBIT25-123 | AA 35-42 | 123 | 150 | BT40-H25-100 | | | |
| 32351414AA | BT40-HBIT25-145 | AA 35-42 | 145 | 177 | BT40-H25-127 | | | |
| 33361407AA | BT40-HBIT32-75 | AA 36-45 | 75 | 103 | BT40-H32-40 | | | |
| 33361410AA | BT40-HBIT32-102 | AA 36-45 | 102 | 135 | BT40-H32-72 | HBIT32 | SACC3645 | SACC3645 |
| 33361415AA | BT40-HBIT32-150 | AA 36-45 | 150 | 183 | BT40-H32-120 | | | |
| 33361416AA | BT40-HBIT32-165 | AA 36-45 | 165 | 198 | BT40-H32-135 | | | |
| 33441407AA | BT40-HBIT32-75 | AA 44-53 | 75 | 103 | BT40-H32-40 | | | |
| 33441410AA | BT40-HBIT32-102 | AA 44-53 | 102 | 135 | BT40-H32-72 | | | |
| 33441415AA | BT40-HBIT32-150 | AA 44-53 | 150 | 183 | BT40-H32-120 | | | |
| 33441416AA | BT40-HBIT32-165 | AA 44-53 | 165 | 198 | BT40-H32-135 | | | |
| 34451407AA | BT40-HBIT40-73 | AA 45-56 | 73 | 103 | BT40-H40-40 | HBIT40 | SACC4453 | SACC4453 |
| 34451410AA | BT40-HBIT40-102 | AA 45-56 | 102 | 135 | BT40-H40-72 | | | |
| 34451416AA | BT40-HBIT40-162 | AA 45-56 | 162 | 193 | BT40-H40-130 | | | |
| 34451421AA | BT40-HBIT40-212 | AA 45-56 | 212 | 248 | BT40-H40-185 | | | |
| 34551407AA | BT40-HBIT40-73 | AA 55-66 | 73 | 103 | BT40-H40-40 | | | |
| 34551410AA | BT40-HBIT40-102 | AA 55-66 | 102 | 135 | BT40-H40-72 | | | |
| 34551416AA | BT40-HBIT40-162 | AA 55-66 | 162 | 193 | BT40-H40-130 | | | |
| 34551421AA | BT40-HBIT40-212 | AA 55-66 | 212 | 248 | BT40-H40-185 | | | |
| 35561410AA | BT40-HBIT50-102 | AA 56-74 | 102 | 130 | BT40-H50-50 | HBIT50 | SACC5674 | SACC5674 |
| 35561414AA | BT40-HBIT50-142 | AA 56-74 | 142 | 170 | BT40-H50-90 | | | |
| 35561418AA | BT40-HBIT50-182 | AA 56-74 | 182 | 210 | BT40-H50-130 | | | |
| 35561422AA | BT40-HBIT50-222 | AA 56-74 | 222 | 250 | BT40-H50-170 | | | |
| 35741410AA | BT40-HBIT50-102 | AA 74-92 | 102 | 130 | BT40-H50-50 | | | |
| 35741414AA | BT40-HBIT50-142 | AA 74-92 | 142 | 170 | BT40-H50-90 | | | |
| 35741418AA | BT40-HBIT50-182 | AA 74-92 | 182 | 210 | BT40-H50-130 | | | |
| 35741422AA | BT40-HBIT50-222 | AA 74-92 | 222 | 250 | BT40-H50-170 | | | |
| 36701410AA | BT40-HBIT63-102 | AA 70-90 | 102 | 135 | BT40-H63-55 | HBIT63 | SACC7492 | SACC7492 |
| 36701415AA | BT40-HBIT63-152 | AA 70-90 | 152 | 185 | BT40-H63-105 | | | |
| 36701420AA | BT40-HBIT63-202 | AA 70-90 | 202 | 235 | BT40-H63-155 | | | |
| 36901410AA | BT40-HBIT63-102 | AA 90-110 | 102 | 135 | BT40-H63-55 | | | |
| 36901415AA | BT40-HBIT63-152 | AA 90-110 | 152 | 185 | BT40-H63-105 | | | |
| 36901420AA | BT40-HBIT63-202 | AA 90-110 | 202 | 235 | BT40-H63-155 | | | |
| 38901410AA | BT40-HBIT80-102 | AA 90-130 | 102 | 135 | BT40-H63-55 | HBIT80 | SACC90130 | SACC90130 |
| 38901415AA | BT40-HBIT80-152 | AA 90-130 | 152 | 185 | BT40-H63-105 | | | |
| 38901420AA | BT40-HBIT80-202 | AA 90-130 | 202 | 235 | BT40-H63-155 | | | |
| 38911410AA | BT40-HBIT80-102 | AA 130-170 | 102 | 135 | BT40-H63-55 | | | |
| 38911415AA | BT40-HBIT80-152 | AA 130-170 | 152 | 185 | BT40-H63-105 | | | |
| 38911420AA | BT40-HBIT80-202 | AA 130-170 | 202 | 235 | BT40-H63-155 | | | |
| 38911420AA | BT40-HBIT80-202 | AA 130-170 | 202 | 235 | BT40-H63-155 | | | |

1143 高速搪孔刀

High Speed Cutting Bar Fine Boring System

1. 將BCM、BRM、BJM放置於ABM測量器的V槽內(如圖示A)，將1螺絲旋緊固定BCM、BRM、BJM。
 2. 指示量錶往BCM、BRM、BJM接觸(圖示7)，固定6螺絲。
 3. 旋轉錶面(圖示8)，使指針歸零。
 4. 將BCM、BRM、BJM放置於ABM測量器的V槽內(如圖示B)鬆緊1螺絲，可旋轉BCM、BRM、BJM對刀片最大尺寸，在固定1螺絲。
 5. 放鬆鎖5螺絲，調整刀座往外調2或3螺絲，向內調4螺絲。
 6. 調刀依指示量錶表示尺寸為半徑，半徑乘2為直徑加上對刀直徑則為搪刀徑。確認尺寸在鎖緊5螺絲。
1. BCM, BRM or BJM put into the measure instrument, tighten bolt 1. (Fig. A)
 2. Dial Indicator move to BCM, BRM or BJM, tighten bolt 6. (Fig. 7)
 3. Indicator make zero. (Fig. 8)
 4. BCM, BRM or BJM put into the measure instrument, loosen bolt 1. After adjust tighten bolt 1.(Fig. B)
 5. Loosen bolt 5, adjust cutting insert holder. Increase size adjust bolt 2 or bolt 3. Decrease size adjust bolt 4. (Fig 5)
 6. The size show in dial indicator is radius.
 ($r^2=D$) D+BCM, BRM or BJM=Boring Cutting Diameter
 After, tighten Bolt 5.





高速搪孔刀
High Speed Cutting Bar Fine Boring System



1143

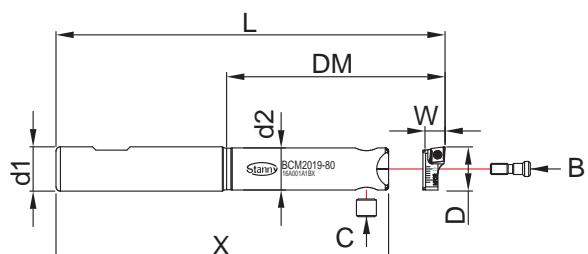
搪孔刀—測量器、接桿 Adjustable Measuring, Shank



測量器

Adjustable Measuring

| 訂貨編號 Order No. | 規格 Model | 夾持範圍 Diameter Range $\phi D_{\text{Min}} \sim \phi D_{\text{Max}}$ | 測量範圍 Boring Range $D_{\text{Min}} \sim \phi D_{\text{Max}}$ | 淨重 N.W. |
|-------------------|-------------|--|---|------------|
| 45900000 | ABM1025 | 10-25 | 11-43 | 0.55 |



接桿 Shank

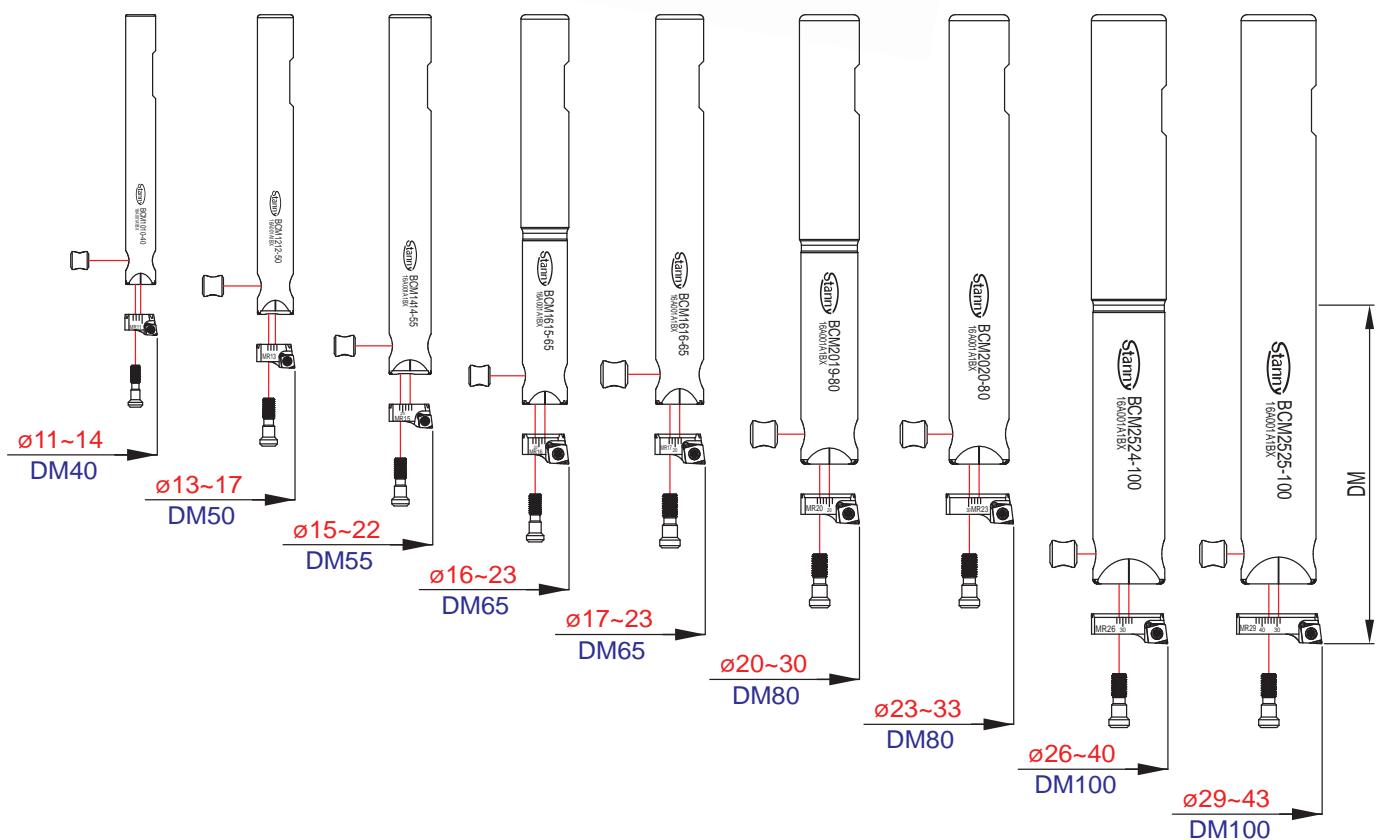
| 訂貨編號 Order No. | 規格 Model | 範圍 D Boring Range $\phi D_{\text{Min}} \sim \phi D_{\text{Max}}$ | DM | d1 | d2 | L | X | 刀座 Insert Holder | C導程螺帽 C-NUT | B螺絲 B-Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|--|-----|----|----|-----|-----|---------------------|----------------|---------------|--------------|------------|
| 45901010 | BCM1010-40 | 11-14 | 40 | 10 | 10 | 96 | 90 | MR/MK 11 | NUT6 | SLCS-M3 | T8 | 0.050 |
| 45901212 | BCM1212-50 | 13-17 | 50 | 12 | 12 | 107 | 100 | MR/MK 13 | | | | 0.087 |
| 45901414 | BCM1414-55 | 15-22 | 55 | 14 | 14 | 127 | 120 | MR/MK 15 | NUT7 | SLCS-M4 | T15 | 0.131 |
| 45901615 | BCM1615-65 | 16-23 | 65 | 16 | 15 | 139 | 130 | MR/MK 16 | | | | 0.178 |
| 45901616 | BCM1616-65 | 17-23 | 65 | 16 | 16 | 139 | 130 | MR/MK 17 | | | | 0.184 |
| 45902019 | BCM2019-80 | 20-30 | 80 | 20 | 19 | 159 | 150 | MR/MK 20 | NUT9 | SLCS-M5 | T25 | 0.324 |
| 45902020 | BCM2020-80 | 23-33 | 80 | 20 | 20 | 159 | 150 | MR/MK 23 | | | | 0.341 |
| 45902524 | BCM2524-100 | 26-40 | 100 | 25 | 24 | 199 | 190 | MR/MK 26 | | | | 0.661 |
| 45902525 | BCM2525-100 | 29-43 | 100 | 25 | 25 | 199 | 190 | MR/MK 29 | | | | 0.668 |

1143 ABC ABM+BCM+MR 捲孔刀 Semi-Finishing Boring System

整組SET ABC1143 淨重N.W. 7.0 kg



訂貨編號 : 45901143
Order No. 45901143



1143 ABR ABM+BRM+MR (HBOR50P, HBOR63P)高速搪孔刀

High Speed Cutting Bar Fine Boring System

整組SET ABR1143 淨重N.W. 6.3 kg



PS. 請參閱 P49, 62, 66.

PS. Specification please refer to P49, 62, 66.

1143 ABJ ABM+BJM+MR (HNBJ16P)高速搪孔刀
High Speed Cutting Bar Fine Boring System

整組SET ABJ1143 淨重N.W. 6.5 kg



PS. 請參閱 P49, 73.

PS. Specification please refer to P49, 73.

1143

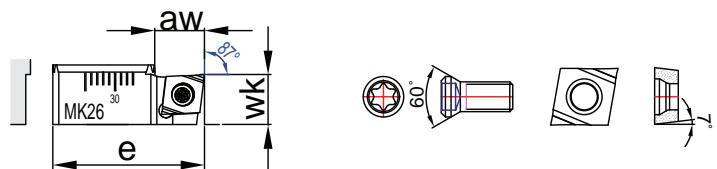
高速搪孔刀 For High Speed Cutting Bar Fine Boring System



MR精搪孔刀座
Cutting Insert Holder



| 訂貨編號 Order No. | 規格 Model | 範圍 D Boring Range øDMin-øDMax | W | e | 接桿 BCM | 接桿 BRM/BJM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|-------------------------------------|---|------|-----------|---------------|--------------|-------------------------------|--------------|------------|
| 50061114 | MR11 | 11-14 | 6 | 10.6 | 1010 | 1610 | CCGT0301..L | SB-1630TR-M1.6 | | 0.002 |
| 50061317 | MR13 | 13-17 | | 12.6 | 1212 | 1612 | | | T6 | 0.003 |
| 50061522 | MR15 | 15-22 | | 14.4 | 1414 | 1614 | CCGT0401..L | SB-2040TR-M2 | | 0.003 |
| 50061623 | MR16 | 16-23 | | 15.4 | 1615 | 1615 | | | | 0.005 |
| 50061723 | MR17 | 17-23 | | 16.6 | 1616 | 1616 | | | | 0.005 |
| 50062026 | MR20 | 20-30 | | 19.4 | 2019 | 1619 | CCGT0602..FL | SB-2545TR-M2.5 (TS25-M2.5) | T8 | 0.006 |
| 50062329 | MR23 | 23-33 | | 22.4 | 2020 | 1620 | | | | 0.008 |
| 50062632 | MR26 | 26-40 | | 25.4 | 2524 | 1624 | | | | 0.010 |
| 50062943 | MR29 | 29-43 | | 28.4 | 2525 | 1625 | | | | 0.013 |



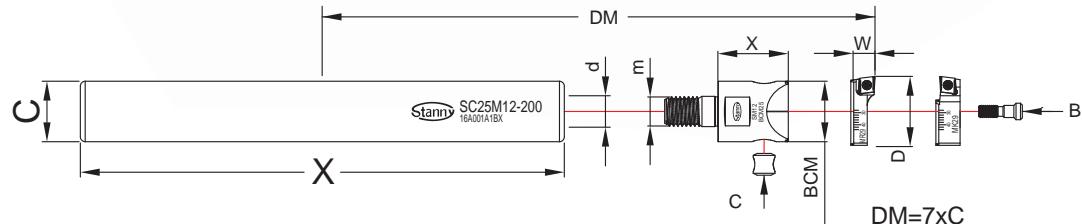
MK精搪孔反搪刀座
Reverse Cutting Insert Holder

| 訂貨編號 Order No. | 規格 Model | 範圍 D Boring Range øDMin-øDMax | aw | wk | e | 接桿 BCM | 接桿 BRM/BJM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|-------------------------------------|-----|----|------|-----------|---------------|--------------|-------------------------------|--------------|------------|
| 50051114 | MK11 | 11-14 | 2.5 | 6 | 10.6 | 1010 | 1610 | CCGT0301..R | SB-1630TR-M1.6 | | 0.002 |
| 50051317 | MK13 | 13-17 | 2.8 | | 12.6 | 1212 | 1612 | | | T6 | 0.003 |
| 50051522 | MK15 | 15-22 | 4.4 | | 14.4 | 1414 | 1614 | CCGT0401..R | SB-2040TR-M2 | | 0.004 |
| 50051623 | MK16 | 16-23 | 4.5 | | 15.4 | 1615 | 1615 | | | | 0.005 |
| 50051723 | MK17 | 17-23 | 4 | | 16.6 | 1616 | 1616 | | | | 0.005 |
| 50052026 | MK20 | 20-30 | 5.4 | | 19.4 | 2019 | 1619 | CCGT0602..FR | SB-2545TR-M2.5 (TS25-M2.5) | T8 | 0.007 |
| 50052329 | MK23 | 23-33 | 6.6 | | 22.4 | 2020 | 1620 | | | | 0.009 |
| 50052632 | MK26 | 26-40 | 8.1 | | 25.4 | 2524 | 1624 | | | | 0.011 |
| 50052943 | MK29 | 29-43 | 9 | | 28.4 | 2525 | 1625 | | | | 0.014 |

1143

高速搪孔刀

For High Speed Cutting Bar Fine Boring System

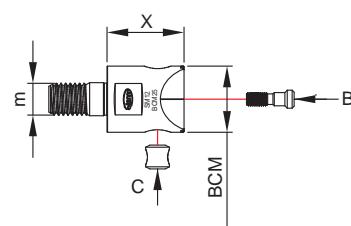


鎢鋼柄
Carbide Shank

| 訂貨編號 Order No. | 規 格 Model | C | X | d | 接桿 Shank | 淨重 N.W. |
|-------------------|--------------|----|-----|------|-------------|------------|
| 45071007 | SC10M5-75 | | 75 | | | 0.069 |
| 45071010 | SC10M5-100 | 10 | 100 | 5.5 | SM5BCM10 | 0.098 |
| 45071015 | SC10M5-150 | | 150 | | | 0.149 |
| 45071207 | SC12M6-75 | | 75 | | | 0.106 |
| 45071210 | SC12M6-100 | 12 | 100 | 6.5 | SM6BCM12 | 0.140 |
| 45071215 | SC12M6-150 | | 150 | | | 0.216 |
| 45071410 | SC14M8-100 | | 100 | | | 0.190 |
| 45071415 | SC14M8-150 | 14 | 150 | 8.5 | SM8BCM14 | 0.300 |
| 45071420 | SC14M8-200 | | 200 | | | 0.410 |
| 45071610 | SC16M8-100 | | 100 | | | 0.254 |
| 45071615 | SC16M8-150 | 16 | 150 | 8.5 | SM8BCM16 | 0.377 |
| 45071620 | SC16M8-200 | | 200 | | | 0.517 |
| 45072015 | SC20M10-150 | | 150 | | | 0.589 |
| 45072020 | SC20M10-200 | 20 | 200 | 10.5 | SM10BCM20 | 0.802 |
| 45072025 | SC20M10-250 | | 250 | | | 1.006 |
| 45072515 | SC25M12-150 | | 150 | | | 0.922 |
| 45072520 | SC25M12-200 | | 200 | | | 1.253 |
| 45072525 | SC25M12-250 | | 250 | | | 1.575 |
| 45072530 | SC25M12-300 | 25 | 300 | 12.5 | SM12BCM25 | 1.908 |



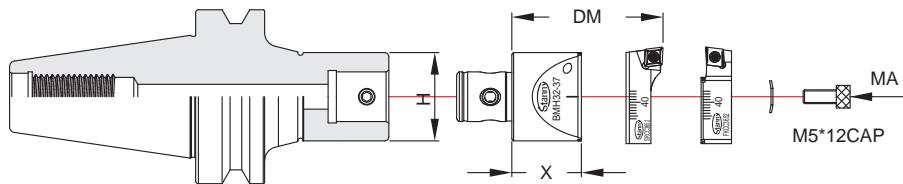
接桿
Shank



| 訂貨編號 Order No. | 規 格 Model | m | X | 刀座 Insert Holder | C導程螺帽 C-NUT | B螺絲 B-Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|-----|----|-----------------------------|----------------|---------------|--------------|-------------|
| 45090510 | SM5BCM10 | M5 | 19 | MR/MK 11 | NUT6 | SLCS-M3 | T8 | 0.011 |
| 45090612 | SM6BCM12 | M6 | 22 | MR/MK 13 | NUT7 | SLCS-M4 | T15 | 0.019 |
| 45090814 | SM8BCM14 | M8 | 23 | MR/MK 15,16 | NUT7 | SLCS-M4 | T15 | 0.028 |
| 45090816 | SM8BCM16 | M8 | 26 | MR/MK 17, 20, 23, 26, 29 | NUT9 | SLCS-M5 | T25 | 0.039 |
| 45091020 | SM10BCM20 | M10 | 27 | | NUT9 | SLCS-M5 | T25 | 0.063 |
| 45091225 | SM12BCM25 | M12 | 29 | | NUT9 | SLCS-M5 | T25 | 0.105 |

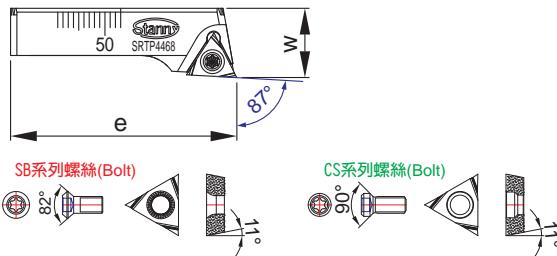
BMH

搪孔刀系列
Semi-Finishing Boring System



**接桿
Shank**

| 訂貨編號 Order No. | 規 格 Model | H | X | DM | MA | 淨 重 N.W. |
|-------------------|--------------|----|----|----|-------|-------------|
| 44002530 | BMH25-30 | 25 | 20 | 30 | M5×12 | 0.084 |
| 44003237 | BMH32-37 | 32 | 25 | 37 | M6×12 | 0.164 |
| 44004044 | BMH40-44 | 40 | 32 | 44 | M6×12 | 0.309 |



精搪孔刀座
Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | W | e | 接 桿 Shank | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----|----|----------------------|------------------------------|-------------------------|---------------|-------------|
| 50252938 | SRTP2938 | 29-38 | 11 | 28 | BMH25-30 | TPGH0902..L (TPGX0902..L) | SB-2TR-M2.5 (CS250T) | T8 | 0.01 |
| 50323652 | SRTP3652 | 36-52 | 13 | 35 | BMH32-37 | | | | 0.02 |
| 50404468 | SRTP4468 | 44-68 | 13 | 43 | BMH32-37 BMH40-44 | | | | 0.03 |
| 50406690 | SRTP6690 | 66-90 | 13 | 54 | BMH32-37 BMH40-44 | | | | 0.04 |
| 50408811 | SRTP88112 | 88-112 | 13 | 65 | BMH40-44 | | | | 0.05 |

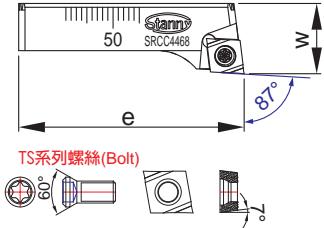
PS.(CS系列螺絲，請訂貨時另外告知)

PS.Order bolt CS series, please advise in advance.

BMH

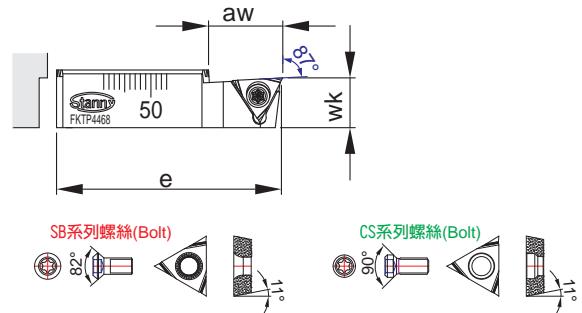
搪孔刀系列

Semi-Finishing Boring System



菱形精搪孔刀座
Rhombus Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{Min} - ϕD_{Max} | W | e | 接 桿 Shank | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--|----|----|----------------------|---------------|-------------|---------------|-------------|
| 50252938CC | SRCC2938 | 29-38 | 11 | 28 | BMH25-30 | | | | 0.01 |
| 50323652CC | SRCC3652 | 36-52 | 13 | 35 | BMH32-37 | | | | 0.02 |
| 50404468CC | SRCC4468 | 44-68 | 13 | 43 | BMH32-37 BMH40-44 | CCGT0602..L | TS25-M2.5 | T8 | 0.03 |
| 50406690CC | SRCC6690 | 66-90 | 13 | 54 | BMH32-37 BMH40-44 | | | | 0.04 |
| 50408811CC | SRCC88112 | 88-112 | 13 | 65 | BMH40-44 | | | | 0.05 |

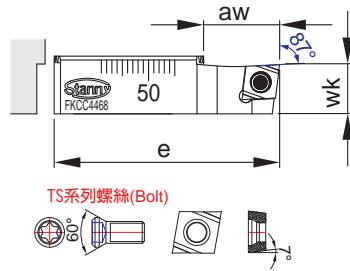


精搪孔反搪刀座
Reverse Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{Min} - ϕD_{Max} | aw | wk | e | 接 桿 Shank | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--|------|----|----|----------------------|------------------------------|-------------------------|---------------|-------------|
| 50252938K | FTKP2938 | 29-38 | 9.5 | 11 | 27 | BMH25-30 | | | | 0.01 |
| 50323652K | FTKP3652 | 36-52 | 11.1 | 11 | 35 | BMH32-37 | | | | 0.02 |
| 50404468K | FTKP4468 | 44-68 | 13.6 | 11 | 43 | BMH32-37 BMH40-44 | TPGH0902..R (TPGX0902..R) | SB-2TR-M2.5 (CS250T) | T8 | 0.03 |
| 50406690K | FTKP6690 | 66-90 | 17 | 14 | 54 | BMH32-37 BMH40-44 | | | | 0.05 |
| 50408811K | FTKP88112 | 88-112 | 17.2 | 14 | 65 | BMH40-44 | | | | 0.06 |

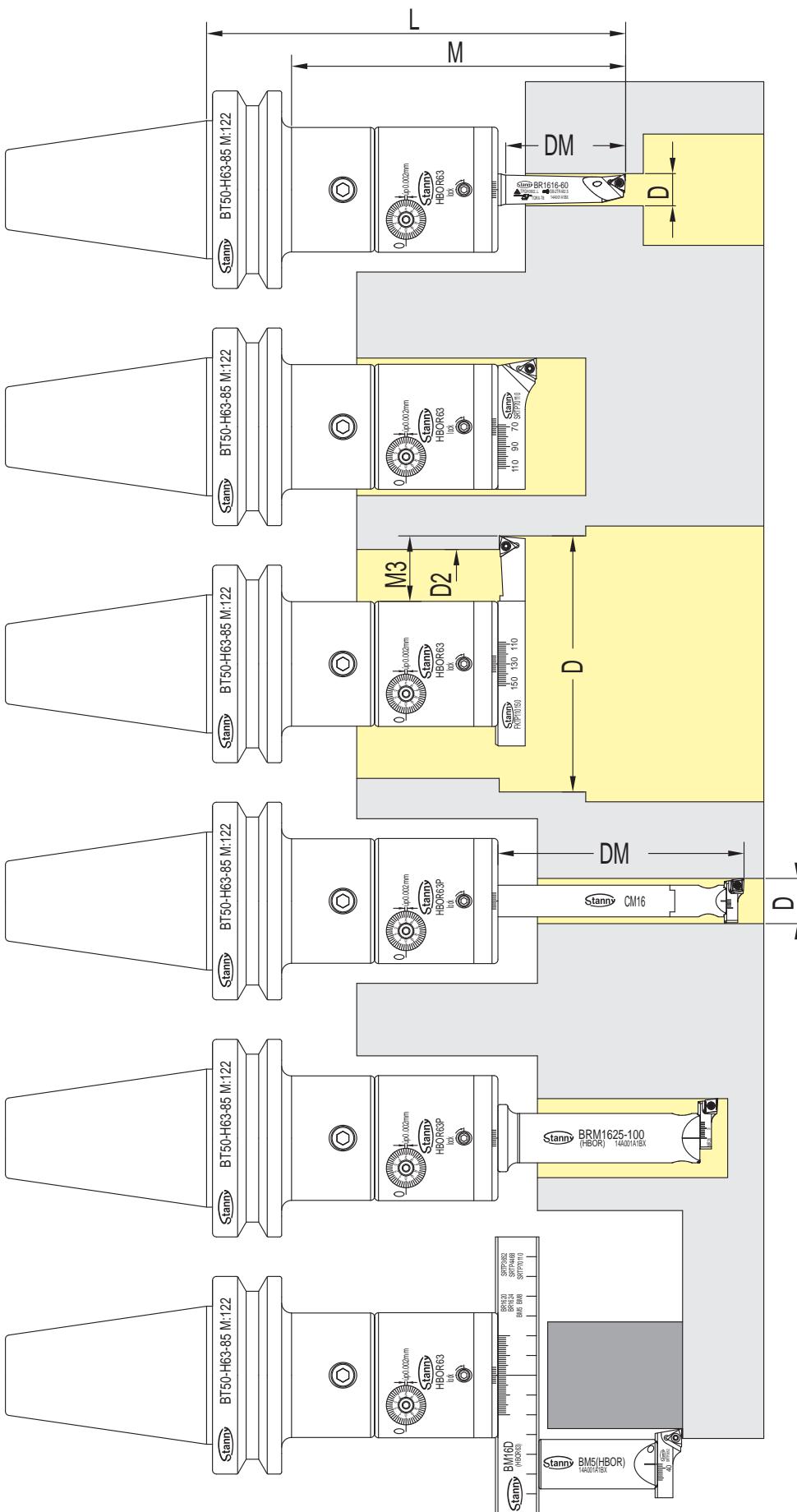
PS.(CS系列螺絲，請訂貨時另外告知)

PS.Order bolt CS series, please advise in advance.



菱形精搪孔反搪刀座
Rhombus Reverse Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{Min} - ϕD_{Max} | aw | wk | e | 接 桿 Shank | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--|------|----|----|----------------------|---------------|-------------|---------------|-------------|
| 50252938KC | FKCC2938 | 29-38 | 8.2 | 11 | 26 | BMH25-30 | | | | 0.01 |
| 50323652KC | FKCC3652 | 36-52 | 11.1 | 11 | 35 | BMH32-37 | | | | 0.02 |
| 50404468KC | FKCC4468 | 44-68 | 13.9 | 11 | 43 | BMH32-37 BMH40-44 | CCGT0602..R | TS25-M2.5 | T8 | 0.03 |
| 50406690KC | FKCC6690 | 66-90 | 17 | 14 | 54 | BMH32-37 BMH40-44 | | | | 0.05 |
| 50408811KC | FKCC88112 | 88-112 | 17.5 | 14 | 65 | BMH40-44 | | | | 0.06 |



精搪孔刀桿

Cutting Bar

H • BOR50

H • BOR63

精搪孔刀座

Cutting Insert Holder

H • BOR

精搪孔反搪刀座

Reverse Cutting Insert Holder

H • BOR

高速切削搪孔平衡系統

High Speed Cutting Boring System

H • BOR25P

H • BOR32P

H • BOR40P

H • BOR50P

H • BOR63P

H • BOR50P - BRM16

H • BOR63P - BRM16

搪外徑系統-“反轉”切削

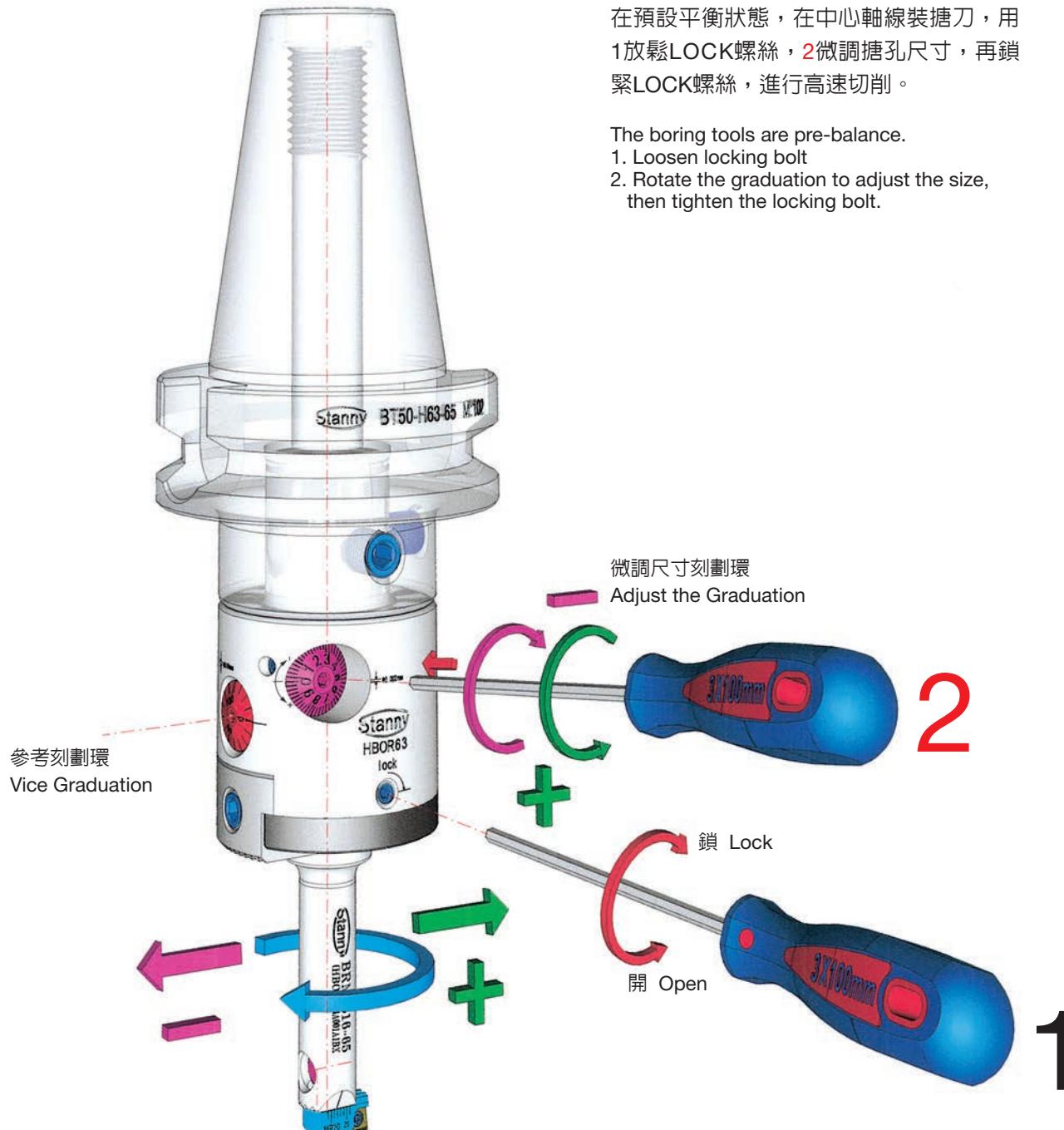
Outer Diameter Boring System -
Reverse Cutting

H • BOR63-BM16D



H·BOR 極細微調精搪孔刀系統

Micro-Finishing Cutter Fine Boring System



在預設平衡狀態，在中心軸線裝搪刀，用
1放鬆LOCK螺絲，2微調搪孔尺寸，再鎖
緊LOCK螺絲，進行高速切削。

The boring tools are pre-balance.

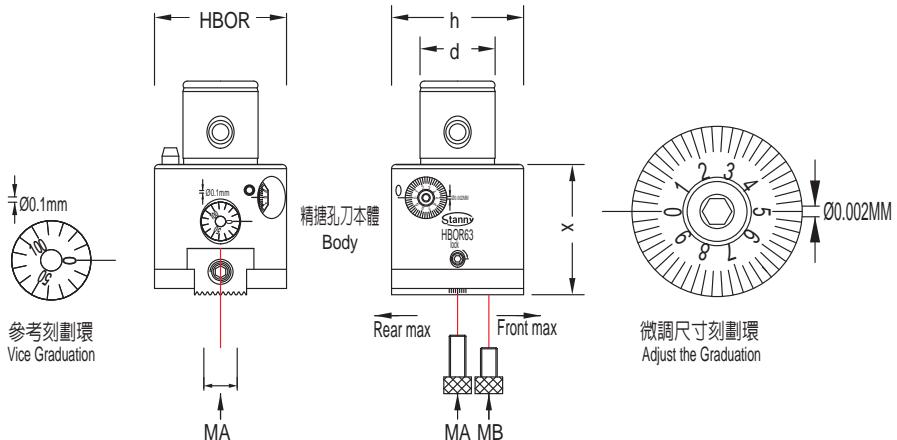
1. Loosen locking bolt
2. Rotate the graduation to adjust the size, then tighten the locking bolt.

H • BOR

極細微調精搪孔刀

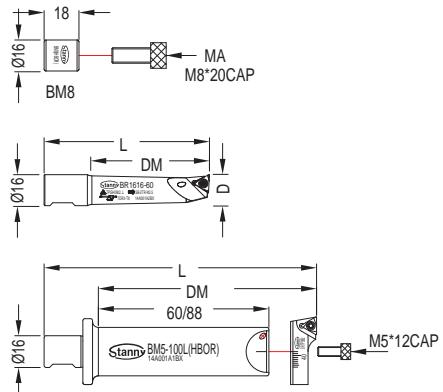
Micro-Finishing Cutter Fine Boring System

精搪孔刀本體 Body
精搪孔刀桿 Cutting Bar



H • BOR 極細微調精搪孔刀-精搪孔刀本體
Body for H-BOR Micro-Finishing Cutter Fine Boring

| 訂貨編號 Order No. | 規 格 Model | h | d | Front | Rear | X | MA Bolt | MB Bolt | 淨 重 N.W. |
|-------------------|--------------|----|----|-------|------|----|------------|------------|-------------|
| 51000025 | HBOR25 | 25 | 14 | 1 | 1 | 42 | M5x12 | | 0.15 |
| 51000032 | HBOR32 | 32 | 18 | 2 | 2 | 52 | M6x12 | | 0.35 |
| 51000040 | HBOR40 | 40 | 22 | 2 | 2 | 53 | M6x12 | | 0.50 |
| 51000050 | HBOR50 | 50 | 28 | 2 | 2 | 63 | ø16 | | 0.92 |
| 51000063 | HBOR63 | 63 | 36 | 4 | 4 | 63 | ø16 | M8x14 | 1.52 |

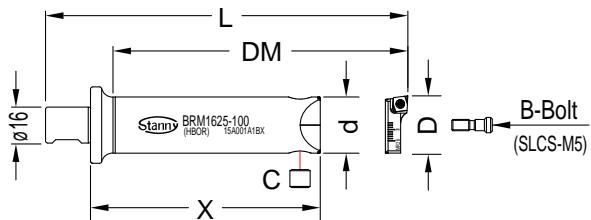


H • BOR 極細微調精搪孔刀-精搪孔刀桿
Cutting Bar for H-BOR50、H-BOR63 Micro-Finishing Cutter Fine Boring

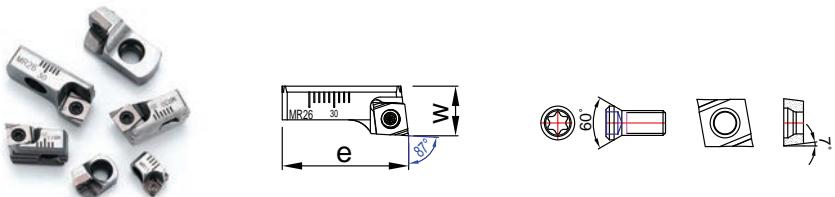
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深 度 Dimensions DM | 系 統 System | 刀 片 Insert | L | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. | |
|-------------------|--------------|---------------------------------------|-------------------------|------------------|------------------------------|-----|-------------------------|---------------|-------------|--|
| 50160621 | BR1606-21 | 6-9 | 21 | HBOR50 HBOR63 | WBGT0601..L | 54 | SB-1STR-M2 | T6 | 0.04 | |
| 50160828 | BR1608-28 | 8-11 | 28 | | TBGT0601..L | 59 | | | 0.04 | |
| 50161035 | BR1610-35 | 10-13 | 35 | | | 65 | | | 0.05 | |
| 50161242 | BR1612-42 | 12-15 | 42 | | TPGH0902..L (TPGX0902..L) | 70 | SB-2TR-M2.5 (CS250T) | T8 | 0.06 | |
| 50161450 | BR1614-50 | 14-17 | 50 | | | 77 | | | 0.07 | |
| 50161660 | BR1616-60 | 16-20 | 60 | | TPGH1103..L (TPGX1103..L) | 85 | | | 0.09 | |
| 50162065 | BR1620-65 | 20-24 | 65 | | | 88 | SB-3TR-M3 (CS300T) | T8 | 0.11 | |
| 50162468 | BR1624-68 | 24-28 | 68 | | TPGH1103..L (TPGX1103..L) | 91 | | | 0.12 | |
| 50162505 | BM5 | 60 + SRTP2938 or SRTP3652 or SRTP4468 | | | | 80 | M5x12 | ◇ 4 | 0.25 | |
| 50162510 | BM5-100L | 88 + SRTP2938 or SRTP3652 or SRTP4468 | | | | 116 | M8x20 | ◇ 6 | 0.40 | |
| 50501608 | BM8 | +SRTP5790 or SRTP70110 or SRTP110150 | | | | | | | 0.03 | |

PS.(CS系列螺絲，請訂貨時另外告知)

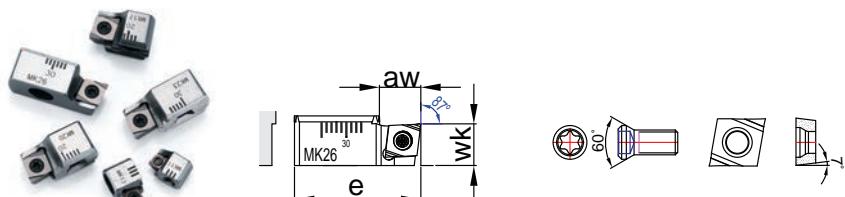
PS.Order bolt CS series, please advise in advance.


H • BOR 極細微調精搪孔刀-接桿
Shank for H-BOR50(P)、H-BOR63(P) Micro-Finishing Cutter Fine Boring

| 訂貨編號 Order No. | 規 格 Model | X | 深度 DM | L | d | C導程螺帽 C-NUT | B螺絲 B-Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|-----|----------|-----|----|----------------|---------------|--------------|-------------|
| 50171004 | BRM1610-40 | 45 | 41 | 71 | 10 | NUT6 | SLCS-M3 | T8 | 0.07 |
| 50171205 | BRM1612-50 | 54 | 51 | 81 | 12 | | | | 0.09 |
| 50171405 | BRM1614-55 | 59 | 56 | 86 | 14 | NUT7 | SLCS-M4 | T15 | 0.11 |
| 50171506 | BRM1615-65 | 67 | 66 | 96 | 15 | | | | 0.13 |
| 50171606 | BRM1616-65 | 67 | 66 | 96 | 16 | | | | 0.14 |
| 50171908 | BRM1619-80 | 82 | 81 | 111 | 19 | | | | 0.2 |
| 50172008 | BRM1620-80 | 82 | 81 | 111 | 20 | NUT9 | SLCS-M5 | T25 | 0.22 |
| 50172410 | BRM1624-100 | 102 | 101 | 131 | 24 | | | | 0.38 |
| 50172510 | BRM1625-100 | 102 | 101 | 131 | 25 | | | | 0.41 |


**H • BOR 極細微調精搪孔刀-MR精搪孔刀座
Cutting Insert Holder**

| 訂貨編號 Order No. | 規 格 Model | 範 圓 D Boring Range øDMin-øDMax | W | e | 接桿 Shank | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|---|------|-------------|--------------|-------------------------------|--------------|-------------|
| 50061114 | MR11 | 11-14 | 6 | 10.6 | BRM1610-40 | CCGT0301..L | SB-1630TR-M1.6 | | 0.002 |
| 50061317 | MR13 | 13-17 | 7 | 12.6 | BRM1612-50 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.003 |
| 50061522 | MR15 | 15-22 | | 14.4 | BRM1614-55 | | | | 0.003 |
| 50061623 | MR16 | 16-23 | | 15.4 | BRM1615-65 | | | | 0.005 |
| 50061723 | MR17 | 17-23 | | 16.6 | BRM1616-65 | | | | 0.005 |
| 50062026 | MR20 | 20-30 | 9 | 19.4 | BRM1619-80 | CCGT0602..FL | SB-2545TR-M2.5 (TS25-M2.5) | T8 | 0.006 |
| 50062329 | MR23 | 23-33 | | 22.4 | BRM1620-80 | | | | 0.008 |
| 50062632 | MR26 | 26-40 | | 25.4 | BRM1624-100 | | | | 0.009 |
| 50062943 | MR29 | 29-43 | | 28.4 | BRM1625-100 | | | | 0.009 |


**H • BOR 極細微調精搪孔刀-MK精搪孔反搪刀座
Reverse Cutting Insert Holder**

| 訂貨編號 Order No. | 規 格 Model | 範 圓 D Boring Range øDMin-øDMax | aw | wk | e | 接桿 Shank | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-----|-----|------|-------------|--------------|-------------------------------|--------------|-------------|
| 50051114 | MK11 | 11-14 | 2.5 | 6 | 10.7 | BRM1610-40 | CCGT0301..R | SB-1630TR-M1.6 | | 0.002 |
| 50051317 | MK13 | 13-17 | 2.8 | 7 | 12.6 | BRM1612-50 | CCGT0401..R | SB-2040TR-M2 | T6 | 0.003 |
| 50051522 | MK15 | 15-22 | | 4.4 | 14.4 | BRM1614-55 | | | | 0.004 |
| 50051623 | MK16 | 16-23 | | 4.5 | 15.4 | BRM1615-65 | | | | 0.005 |
| 50051723 | MK17 | 17-23 | | 4 | 16.6 | BRM1616-65 | | | | 0.005 |
| 50052026 | MK20 | 20-30 | 9 | 5.4 | 19.4 | BRM1619-80 | CCGT0602..FR | SB-2545TR-M2.5 (TS25-M2.5) | T8 | 0.007 |
| 50052329 | MK23 | 23-33 | | 6.6 | 22.4 | BRM1620-80 | | | | 0.009 |
| 50052632 | MK26 | 26-40 | | 8.1 | 25.4 | BRM1624-100 | | | | 0.011 |
| 50052943 | MK29 | 29-43 | | 9 | 28.4 | BRM1625-100 | | | | 0.014 |

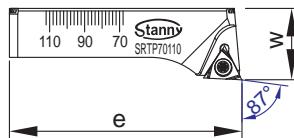
H·BOR

極細微調精搪孔刀
Micro-Finishing Cutter Fine Boring System

精搪孔刀座 Cutting Insert Holder

菱形精搪孔刀座 Rhombus Cutting Insert Holder

90°菱形精搪孔刀座 90° Rhombus Cutting Insert Holder



SB系列螺絲(Bolt)



CS系列螺絲(Bolt)



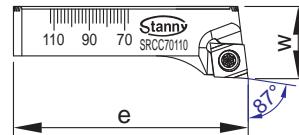
H·BOR 極細微調精搪孔刀-精搪孔刀座

Cutting Insert Holder for H-BOR Micro-Finishing Cutter Fine Boring

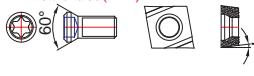
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{Min} - ϕD_{Max} | W | e | 系 統 System | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--|----|-----|---------------|------------------------------|-------------------------|---------------|-------------|
| 50252938 | SRTP2938 | 29-38 | 11 | 28 | HBOR25 | TPGH0902..L (TPGX0902..L) | SB-2TR-M2.5 (CS250T) | | 0.01 |
| 50323652 | SRTP3652 | 36-52 | 13 | 35 | HBOR32 | | | | 0.02 |
| 50404468 | SRTP4468 | 44-68 | 13 | 43 | HBOR40 | | | | 0.03 |
| 50505790 | SRTP5790 | 57-90 | 20 | 54 | HBOR50 | TPGH1103..L (TPGX1103..L) | SB-3TR-M3 (CS300T) | T8 | 0.10 |
| 50637011 | SRTP70110 | 70-110 | 20 | 67 | HBOR63 | | | | 0.10 |
| 50637115 | SRTP110150 | 110-150 | 20 | 107 | HBOR63 | | | | 0.21 |

PS.(CS系列螺絲，請訂貨時另外告知)

PS.Order bolt CS series, please advise in advance.



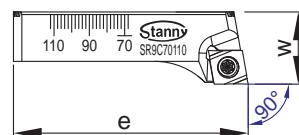
TS系列螺絲(Bolt)



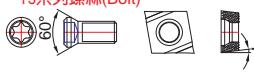
H·BOR 極細微調精搪孔刀-菱形精搪孔刀座

Rhombus Cutting Insert Holder for H-BOR Micro-Finishing Cutter Fine Boring

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{Min} - ϕD_{Max} | W | e | 系 統 System | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--|----|-----|---------------|---------------|-------------|---------------|-------------|
| 50252938CC | SRCC2938 | 29-38 | 11 | 26 | HBOR25 | CCGT0602..L | TS25-M2.5 | | 0.01 |
| 50323652CC | SRCC3652 | 36-52 | 13 | 35 | HBOR32 | | | | 0.02 |
| 50404468CC | SRCC4468 | 44-68 | 13 | 43 | HBOR40 | | | | 0.03 |
| 50505790CC | SRCC5790 | 57-90 | 20 | 54 | HBOR50 | CCGT09T3..L | TS4-M4 | T15 | 0.09 |
| 50637011CC | SRCC70110 | 70-110 | 20 | 67 | HBOR63 | | | | 0.10 |
| 50637115CC | SRCC110150 | 110-150 | 20 | 107 | HBOR63 | | | | 0.20 |



TS系列螺絲(Bolt)



H·BOR 極細微調精搪孔刀-90°菱形精搪孔刀座

90° Rhombus Cutting Insert Holder for H-BOR Micro-Finishing Cutter Fine Boring

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{Min} - ϕD_{Max} | W | e | 系 統 System | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--|----|-----|---------------|---------------|-------------|---------------|-------------|
| 50252938C9 | SR9C2938 | 29-38 | 11 | 26 | HBOR25 | CCGT0602..L | TS25-M2.5 | | 0.01 |
| 50323652C9 | SR9C3652 | 36-52 | 13 | 35 | HBOR32 | | | | 0.02 |
| 50404468C9 | SR9C4468 | 44-68 | 13 | 43 | HBOR40 | | | | 0.03 |
| 50505790C9 | SR9C5790 | 57-90 | 20 | 54 | HBOR50 | CCGT09T3..L | TS4-M4 | T15 | 0.09 |
| 50637011C9 | SR9C70110 | 70-110 | 20 | 67 | HBOR63 | | | | 0.10 |
| 50637115C9 | SR9C110150 | 110-150 | 20 | 107 | HBOR63 | | | | 0.20 |

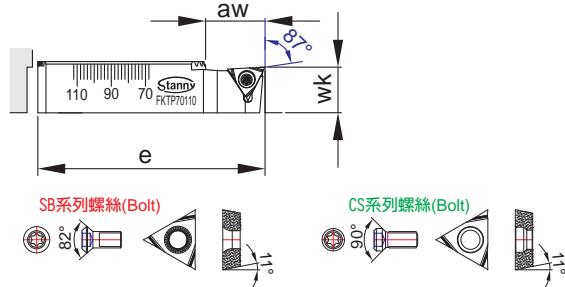
H·BOR

極細微調精搪孔刀 Micro-Finishing Cutter Fine Boring System

精搪孔反搪刀座 Reverse Cutting Insert Holder

菱形精搪孔反搪刀座 Rhombus Reverse Cutting Insert Holder

90°菱形精搪孔反搪刀座 90° Rhombus Reverse Cutting Insert Holder

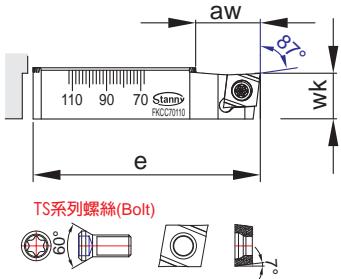
**H·BOR 極細微調精搪孔刀-精搪孔反搪刀座**

Reverse Cutting Insert Holder for H·BOR Micro-Finishing Cutter Fine Boring

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | aw | wk | e | 系 統 System | 刀 片 Insert | 螺 緲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----|----|-----|---------------|------------------------------|-------------------------|---------------|-------------|
| 50252938K | FKTP2938 | 29-38 | 6 | 11 | 27 | HBOR25 | TPGH0902..R (TPGX0902..R) | SB-2TR-M2.5 (CS250T) | | 0.01 |
| 50323652K | FKTP3652 | 36-52 | 10 | 11 | 35 | HBOR32 | | | | 0.02 |
| 50404468K | FKTP4468 | 44-68 | 12 | 11 | 43 | HBOR40 | | | | 0.03 |
| 50505790K | FKTP5790 | 57-90 | 14 | 15 | 54 | HBOR50 | TPGH1103..R (TPGX1103..R) | SB-3TR-M3 (CS300T) | T8 | 0.10 |
| 50637011K | FKTP70110 | 70-110 | 16 | 15 | 66 | HBOR63 | | | | 0.10 |
| 50637115K | FKTP110150 | 110-150 | 25 | 15 | 106 | HBOR63 | | | | 0.21 |

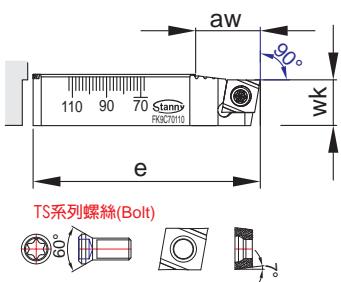
PS.(CS系列螺絲，請訂貨時另外告知)

PS. Order bolt CS series, please advise in advance.

**H·BOR 極細微調精搪孔刀-菱形精搪孔反搪刀座**

Rhombus Reverse Cutting Insert Holder for H·BOR Micro-Finishing Cutter Fine Boring

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | aw | wk | e | 系 統 System | 刀 片 Insert | 螺 緲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----|----|-----|---------------|---------------|-------------|---------------|-------------|
| 50252938KC | FKCC2938 | 29-38 | 7 | 11 | 26 | HBOR25 | CCGT0602..R | TS25-M2.5 | | 0.01 |
| 50323652KC | FKCC3652 | 36-52 | 10 | 11 | 35 | HBOR32 | | | | 0.02 |
| 50404468KC | FKCC4468 | 44-68 | 13 | 11 | 43 | HBOR40 | | | | 0.03 |
| 50505790KC | FKCC5790 | 57-90 | 14 | 15 | 54 | HBOR50 | | | | 0.09 |
| 50637011KC | FKCC70110 | 70-110 | 16 | 15 | 67 | HBOR63 | CCGT09T3..R | TS4-M4 | T15 | 0.10 |
| 50637115KC | FKCC110150 | 110-150 | 28 | 15 | 107 | HBOR63 | | | | 0.20 |

**H·BOR 極細微調精搪孔刀-90°菱形精搪孔反搪刀座**

90° Rhombus Reverse Cutting Insert Holder for H·BOR Micro-Finishing Cutter Fine Boring

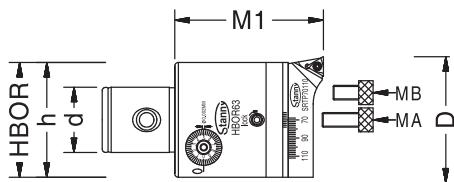
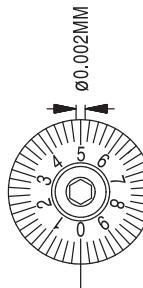
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | aw | wk | e | 系 統 System | 刀 片 Insert | 螺 緲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----|----|-----|---------------|---------------|-------------|---------------|-------------|
| 50252938K9 | FKC2938 | 29-38 | 7 | 11 | 26 | HBOR25 | CCGT0602..R | TS25-M2.5 | | 0.01 |
| 50323652K9 | FKC3652 | 36-52 | 10 | 11 | 35 | HBOR32 | | | | 0.02 |
| 50404468K9 | FKC4468 | 44-68 | 13 | 11 | 43 | HBOR40 | | | | 0.03 |
| 50505790K9 | FKC5790 | 57-90 | 14 | 15 | 54 | HBOR50 | | | | 0.09 |
| 50637011K9 | FKC70110 | 70-110 | 16 | 15 | 67 | HBOR63 | CCGT09T3..R | TS4-M4 | T15 | 0.10 |
| 50637115K9 | FKC110150 | 110-150 | 28 | 15 | 107 | HBOR63 | | | | 0.20 |

H•BOR

極細微調精搪孔刀
Micro-Finishing Cutter Fine Boring System

精搪孔刀本體、精搪孔刀座 **Body and Cutting Insert Holder**

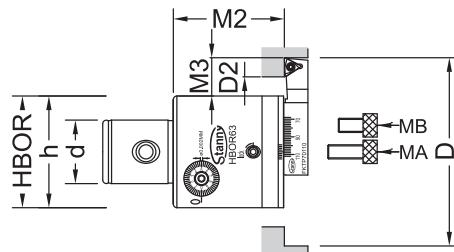
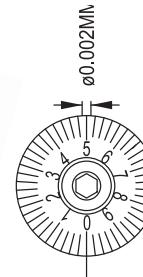
精搪孔刀本體、精搪孔反搪刀座 **Body and Reverse Cutting Insert Holder**



H•BOR 極細微調精搪孔刀

H•BOR Micro-Finishing Cutter Fine Boring Head

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | M1 | h | Micro-Finishing Cutter Fine Boring and Cutting System | | | | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----|----|---|------------|------------|--------------------------------|-------------|
| | | | | | 精搪孔刀本體 Boring Head | MA Bolt | MB Bolt | 精搪孔刀座 Cutting Insert Holder | |
| 52290000 | HBOR25 M | 29-38 | 50 | 25 | HBOR25 | M5×12 | | SRTP2938 | 0.16 |
| 53360000 | HBOR32 M | 36-52 | 63 | 32 | HBOR32 | M6×12 | | SRTP3652 | 0.37 |
| 54440000 | HBOR40 M | 44-68 | 63 | 40 | HBOR40 | M6×12 | | SRTP4468 | 0.53 |
| 55570000 | HBOR50 BM | 57-90 | 80 | 50 | HBOR50 | BM8×20 | | SRTP5790 | 1.05 |
| 56700000 | HBOR63 BM | 70-110 | 80 | 63 | HBOR63 | BM8×20 | M8×14 | SRTP70110 | 1.65 |
| 56710000 | HBOR63 BM | 110-150 | 80 | 63 | HBOR63 | BM8×20 | M8×14 | SRTP110150 | 1.76 |



$$\text{下刀徑: } D_2 \geq \frac{D + HBOR}{2}$$

H•BOR 極細微調精搪孔刀－反搪

H•BOR Micro-Finishing Cutter for Reverse Fine Boring Head

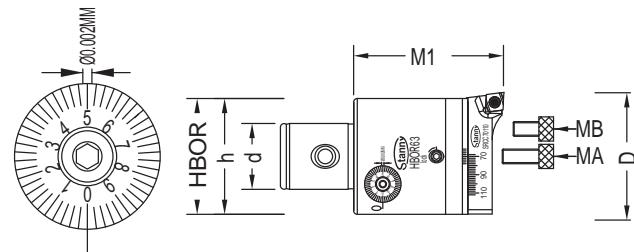
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | M3 | M2 | h | Micro-Finishing Cutter for Reverse Fine Boring and Cutting System | | | | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-------|------|----|---|------------|------------|--|-------------|
| | | | | | | 精搪孔刀本體 Boring Head | MA Bolt | MB Bolt | 精搪孔反搪刀座 Reverse Cutting Insert Holder | |
| 52290000K | HBOR25 MK | 29-38 | 1-5 | 42 | 25 | HBOR25 | M5×12 | | FKTP2938 | 0.16 |
| 53360000K | HBOR32 MK | 36-52 | 1-9 | 52.5 | 32 | HBOR32 | M6×12 | | FKTP3652 | 0.37 |
| 54440000K | HBOR40 MK | 44-68 | 1-13 | 53 | 40 | HBOR40 | M6×12 | | FKTP4468 | 0.53 |
| 55570000K | HBOR50 BMK | 57-90 | 2-19 | 64.5 | 50 | HBOR50 | BM8×20 | | FKTP5790 | 1.05 |
| 56700000K | HBOR63 BMK | 70-110 | 2-22 | 62.5 | 63 | HBOR63 | BM8×20 | M8×14 | FKTP70110 | 1.65 |
| 56710000K | HBOR63 BMK | 110-150 | 22-42 | 62.5 | 63 | HBOR63 | BM8×20 | M8×14 | FKTP110150 | 1.76 |

H•BOR

極細微調精搪孔刀－菱形／90°菱形
Micro-Finishing Cutter for Rhombus & 90° Rhombus Fine Boring System

精搪孔刀本體、90°菱形精搪孔刀座 Body and 90° Rhombus Cutting Insert Holder

精搪孔刀本體、90°菱形精搪孔反搪刀座 Body and 90° Rhombus Reverse Cutting Insert Holder

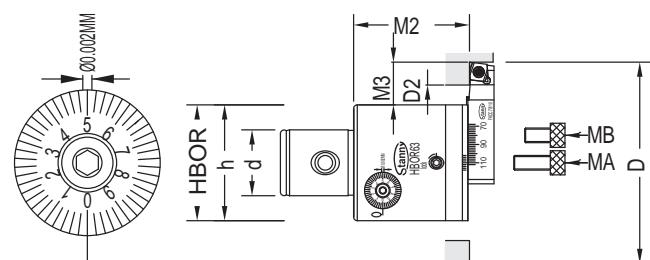


H•BOR 極細微調精搪孔刀－菱形 H•BOR Micro-Finishing Cutter for Rhombus Fine Boring Head

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | M1 | h | 精搪孔系統組合 Micro-Finishing Cutter Fine Boring and Cutting System | | | | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----|----|--|------------|------------|--|-------------|
| | | | | | 精搪孔刀本體 Boring Head | MA Bolt | MB Bolt | 菱形精搪孔刀座 Rhombus Cutting Insert Holder | |
| 52290000CC | HBOR25 MCC | 29-38 | 50 | 25 | HBOR25 | M5×12 | | SRCC2938 | 0.16 |
| 53360000CC | HBOR32 MCC | 36-52 | 63 | 32 | HBOR32 | M6×12 | | SRCC3652 | 0.37 |
| 54440000CC | HBOR40 MCC | 44-68 | 63 | 40 | HBOR40 | M6×12 | | SRCC4468 | 0.53 |
| 55570000CC | HBOR50 BMCC | 57-90 | 80 | 50 | HBOR50 | BM8×20 | | SRCC5790 | 1.06 |
| 56700000CC | HBOR63 BMCC | 70-110 | 80 | 63 | HBOR63 | BM8×20 | M8×14 | SRCC70110 | 1.65 |
| 56710000CC | HBOR63 BMCC | 110-150 | 80 | 63 | HBOR63 | BM8×20 | M8×14 | SRCC110150 | 1.75 |

H•BOR 極細微調精搪孔刀－90°菱形 H•BOR Micro-Finishing Cutter for 90° Rhombus Fine Boring Head

| | | | | | | | | | |
|------------|-------------|---------|----|----|--------|--------|-------|------------|------|
| 52290000C9 | HBOR25 M9C | 29-38 | 50 | 25 | HBOR25 | M5×12 | | SR9C2938 | 0.16 |
| 53360000C9 | HBOR32 M9C | 36-52 | 63 | 32 | HBOR32 | M6×12 | | SR9C3652 | 0.37 |
| 54440000C9 | HBOR40 M9C | 44-68 | 63 | 40 | HBOR40 | M6×12 | | SR9C4468 | 0.53 |
| 55570000C9 | HBOR50 BM9C | 57-90 | 80 | 50 | HBOR50 | BM8×20 | | SR9C5790 | 1.06 |
| 56700000C9 | HBOR63 BM9C | 70-110 | 80 | 63 | HBOR63 | BM8×20 | M8×14 | SR9C70110 | 1.65 |
| 56710000C9 | HBOR63 BM9C | 110-150 | 80 | 63 | HBOR63 | BM8×20 | M8×14 | SR9C110150 | 1.75 |



H•BOR 極細微調精搪孔刀－菱形反搪 H•BOR Micro-Finishing Cutter for Rhombus Reverse Fine Boring Head

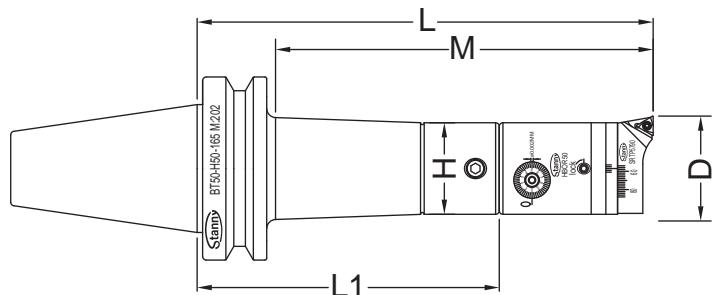
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | M3 | M2 | h | 精搪孔反搪系統組合 Micro-Finishing Cutter for Reverse Fine Boring and Cutting System | | | | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-------|------|----|--|------------|------------|--|-------------|
| | | | | | | 精搪孔刀本體 Boring Head | MA Bolt | MB Bolt | 菱形精搪孔反搪刀座 Rhombus Reverse Cutting Insert Holder | |
| 52290000KC | HBOR25 MKC | 29-38 | 1-5 | 42 | 25 | HBOR25 | M5×12 | | FKCC2938 | 0.16 |
| 53360000KC | HBOR32 MKC | 36-52 | 1-9 | 52.5 | 32 | HBOR32 | M6×12 | | FKCC3652 | 0.37 |
| 54440000KC | HBOR40 MKC | 44-68 | 1-13 | 53 | 40 | HBOR40 | M6×12 | | FKCC4468 | 0.53 |
| 55570000KC | HBOR50 BMKC | 57-90 | 2-19 | 64.5 | 50 | HBOR50 | BM8×20 | | FKCC5790 | 1.06 |
| 56700000KC | HBOR63 BMKC | 70-110 | 2-22 | 62.5 | 63 | HBOR63 | BM8×20 | M8×14 | FKCC70110 | 1.65 |
| 56710000KC | HBOR63 BMKC | 110-150 | 22-42 | 62.5 | 63 | HBOR63 | BM8×20 | M8×14 | FKCC110150 | 1.75 |

H•BOR 極細微調精搪孔刀－90°菱形反搪 H•BOR Micro-Finishing Cutter for 90° Rhombus Reverse Fine Boring Head

| | | | | | | | | | | |
|------------|-------------|---------|-------|------|----|--------|--------|-------|------------|------|
| 52290000K9 | HBOR25 MK9C | 29-38 | 1-5 | 42 | 25 | HBOR25 | M5×12 | | FK9C2938 | 0.16 |
| 53360000K9 | HBOR32 MK9C | 36-52 | 1-9 | 52.5 | 32 | HBOR32 | M6×12 | | FK9C3652 | 0.37 |
| 54440000K9 | HBOR40 MK9C | 44-68 | 1-13 | 53 | 40 | HBOR40 | M6×12 | | FK9C4468 | 0.53 |
| 55570000K9 | HBOR50 BM9C | 57-90 | 2-19 | 64.5 | 50 | HBOR50 | BM8×20 | | FK9C5790 | 1.06 |
| 56700000K9 | HBOR63 BM9C | 70-110 | 2-22 | 62.5 | 63 | HBOR63 | BM8×20 | M8×14 | FK9C70110 | 1.65 |
| 56710000K9 | HBOR63 BM9C | 110-150 | 22-42 | 62.5 | 63 | HBOR63 | BM8×20 | M8×14 | FK9C110150 | 1.75 |

搪孔刀柄、精搪孔刀本體、精搪孔刀座 **Taper Shank, Body and Cutting Insert Holder****整支 SET****MAS403 BT-H•BOR 極細微調精搪孔刀****MAS403 BT and H•BOR Micro-Finishing Cutter Fine Boring Head**

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | | M | L | 精搪孔系統組合 Micro-Finishing Cutter Fine Boring System | | | | 淨 重 N.W. |
|-------------------|-----------------|--------------------------------------|-----------------------|-----|-----|--|-----------------------------------|-----|------------|-------------|
| | | 搪孔刀柄 Taper Shank | 精搪孔刀本體 Boring Head | | | 連接器 Connector | 精搪孔刀座 Cutting Insert Holder | | | |
| 52291306 | BT30-HBOR25-60 | M | 29-38 | 60 | 85 | BT30-H25-35 | HBOR25 | M5 | SRTP2938 | 0.56 |
| 52291307 | BT30-HBOR25-75 | M | 29-38 | | 105 | BT30-H25-55 | | | | 0.62 |
| 53361307 | BT30-HBOR32-75 | M | 36-52 | 75 | 98 | BT30-H32-35 | HBOR32 | | | 0.82 |
| 53361309 | BT30-HBOR32-93 | M | 36-52 | 93 | 118 | BT30-H32-55 | | | | 0.79 |
| 54441307 | BT30-HBOR40-75 | M | 44-68 | 75 | 98 | BT30-H40-35 | HBOR40 | M6 | SRTP4468 | 0.98 |
| 54441309 | BT30-HBOR40-93 | M | 44-68 | | 118 | BT30-H40-55 | | | | 0.95 |
| 55571309 | BT30-HBOR50-93 | BM | 57-90 | 93 | 125 | BT30-H50-45 | HBOR50 | | SRTP5790 | 1.33 |
| 56701309 | BT30-HBOR63-93 | BM | 70-110 | | 145 | BT30-H63-65 | HBOR63 | BM8 | SRTP70110 | 2.18 |
| 52291406 | BT40-HBOR25-60 | M | 29-38 | 60 | 90 | BT40-H25-40 | HBOR25 | M5 | SRTP2938 | 1.16 |
| 52291409 | BT40-HBOR25-90 | M | 29-38 | 90 | 122 | BT40-H25-72 | | | | 1.28 |
| 52291412 | BT40-HBOR25-123 | M | 29-38 | 123 | 150 | BT40-H25-100 | | | | 1.40 |
| 52291414 | BT40-HBOR25-145 | M | 29-38 | 145 | 177 | BT40-H25-127 | | | | 1.54 |
| 53361407 | BT40-HBOR32-75 | M | 36-52 | 75 | 103 | BT40-H32-40 | HBOR32 | | | 1.37 |
| 53361410 | BT40-HBOR32-102 | M | 36-52 | 102 | 135 | BT40-H32-72 | | | | 1.57 |
| 53361415 | BT40-HBOR32-150 | M | 36-52 | 150 | 183 | BT40-H32-120 | | | | 1.92 |
| 53361416 | BT40-HBOR32-165 | M | 36-52 | 165 | 198 | BT40-H32-135 | | M6 | | 2.03 |
| 54441407 | BT40-HBOR40-73 | M | 44-68 | 73 | 103 | BT40-H40-40 | | | | 1.58 |
| 54441410 | BT40-HBOR40-102 | M | 44-68 | 102 | 135 | BT40-H40-72 | HBOR40 | | SRTP4468 | 1.84 |
| 54441416 | BT40-HBOR40-162 | M | 44-68 | 162 | 193 | BT40-H40-130 | | | | 2.48 |
| 54441421 | BT40-HBOR40-212 | M | 44-68 | 212 | 248 | BT40-H40-185 | | | | 3.05 |
| 55571410 | BT40-HBOR50-102 | BM | 57-90 | 102 | 130 | BT40-H50-50 | HBOR50 | | | 1.91 |
| 55571414 | BT40-HBOR50-142 | BM | 57-90 | 142 | 170 | BT40-H50-90 | | | | 2.48 |
| 55571418 | BT40-HBOR50-182 | BM | 57-90 | 182 | 210 | BT40-H50-130 | | | SRTP5790 | 3.25 |
| 55571422 | BT40-HBOR50-222 | BM | 57-90 | 222 | 250 | BT40-H50-170 | | | | 4.12 |
| 56701410 | BT40-HBOR63-102 | BM | 70-110 | 102 | 135 | BT40-H63-55 | HBOR63 | BM8 | | 2.51 |
| 56701415 | BT40-HBOR63-152 | BM | 70-110 | 152 | 185 | BT40-H63-105 | | | SRTP70110 | 3.72 |
| 56701420 | BT40-HBOR63-202 | BM | 70-110 | 202 | 235 | BT40-H63-155 | | | | 4.81 |
| 56711410 | BT40-HBOR63-102 | BM | 110-150 | 102 | 135 | BT40-H63-55 | | | | 2.60 |
| 56711415 | BT40-HBOR63-152 | BM | 110-150 | 152 | 185 | BT40-H63-105 | | | SRTP110150 | 3.81 |
| 56711420 | BT40-HBOR63-202 | BM | 110-150 | 202 | 235 | BT40-H63-155 | | | | 4.90 |



| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | M | L | 精搪孔系統組合 Micro-Finishing Cutter Fine Boring System | | | | 淨 重 N.W. |
|-------------------|-----------------|--------------------------------------|-----|-----|--|-----------------------|------------------|--------------------------------|-------------|
| | | | | | 搪孔刀柄 Taper Shank | 精搪孔刀本體 Boring Head | 連接器 Connector | 精搪孔刀座 Cutting Insert Holder | |
| 52291510 | BT50-HBOR25-102 | M 29-38 | 102 | 165 | BT50-H25-115 | | | | 4.31 |
| 52291512 | BT50-HBOR25-127 | M 29-38 | 127 | 190 | BT50-H25-140 | HBOR25 | M5 | SRTP2938 | 4.46 |
| 52291515 | BT50-HBOR25-152 | M 29-38 | 152 | 215 | BT50-H25-165 | | | | 4.56 |
| 53361513 | BT50-HBOR32-135 | M 36-52 | 135 | 198 | BT50-H32-135 | | | | 4.92 |
| 53361516 | BT50-HBOR32-165 | M 36-52 | 165 | 228 | BT50-H32-165 | HBOR32 | | SRTP3652 | 5.17 |
| 53361520 | BT50-HBOR32-200 | M 36-52 | 200 | 263 | BT50-H32-200 | | | | 5.37 |
| 54441513 | BT50-HBOR40-135 | M 44-68 | 135 | 198 | BT50-H40-135 | | M6 | | 5.43 |
| 54441518 | BT50-HBOR40-185 | M 44-68 | 185 | 248 | BT50-H40-185 | HBOR40 | | SRTP4468 | 5.98 |
| 54441522 | BT50-HBOR40-225 | M 44-68 | 225 | 288 | BT50-H40-225 | | | | 6.43 |
| 54441526 | BT50-HBOR40-265 | M 44-68 | 265 | 328 | BT50-H40-265 | | | | 6.83 |
| 55571510 | BT50-HBOR50-102 | BM 57-90 | 102 | 145 | BT50-H50-65 | | | | 4.56 |
| 55571520 | BT50-HBOR50-202 | BM 57-90 | 202 | 245 | BT50-H50-165 | HBOR50 | | SRTP5790 | 6.11 |
| 55571525 | BT50-HBOR50-252 | BM 57-90 | 252 | 295 | BT50-H50-215 | | | | 7.06 |
| 55571530 | BT50-HBOR50-302 | BM 57-90 | 302 | 345 | BT50-H50-265 | | | | 8.22 |
| 56701512 | BT50-HBOR63-122 | BM 70-110 | 122 | 165 | BT50-H63-85 | | | | 5.57 |
| 56701520 | BT50-HBOR63-202 | BM 70-110 | 202 | 245 | BT50-H63-165 | BM8 | | SRTP70110 | 7.47 |
| 56701525 | BT50-HBOR63-252 | BM 70-110 | 252 | 295 | BT50-H63-215 | | | | 9.02 |
| 56701530 | BT50-HBOR63-302 | BM 70-110 | 302 | 345 | BT50-H63-265 | | | | 9.97 |
| 56701535 | BT50-HBOR63-352 | BM 70-110 | 352 | 395 | BT50-H63-315 | HBOR63 | | | 13.22 |
| 56711512 | BT50-HBOR63-122 | BM 110-150 | 122 | 165 | BT50-H63-85 | | | | 5.66 |
| 56711520 | BT50-HBOR63-202 | BM 110-150 | 202 | 245 | BT50-H63-165 | | | | 7.56 |
| 56711525 | BT50-HBOR63-252 | BM 110-150 | 252 | 295 | BT50-H63-215 | | | SRTP110150 | 9.11 |
| 56711530 | BT50-HBOR63-302 | BM 110-150 | 302 | 345 | BT50-H63-265 | | | | 10.06 |
| 56711535 | BT50-HBOR63-352 | BM 110-150 | 352 | 395 | BT50-H63-315 | | | | 13.31 |



彈性的高速切削搪孔平衡系統組合，任意組合搪刀

(接桿、鎢鋼、套筒、搪孔刀座)高速搪孔，

提高效率，平衡切削，精密穩定。

High speed boring cutting balance system can work with other boring cutting
(boring cutting bar, carbide, sleeve and cutting insert holder).
It's more efficient, balance cutting, accurate and stable.



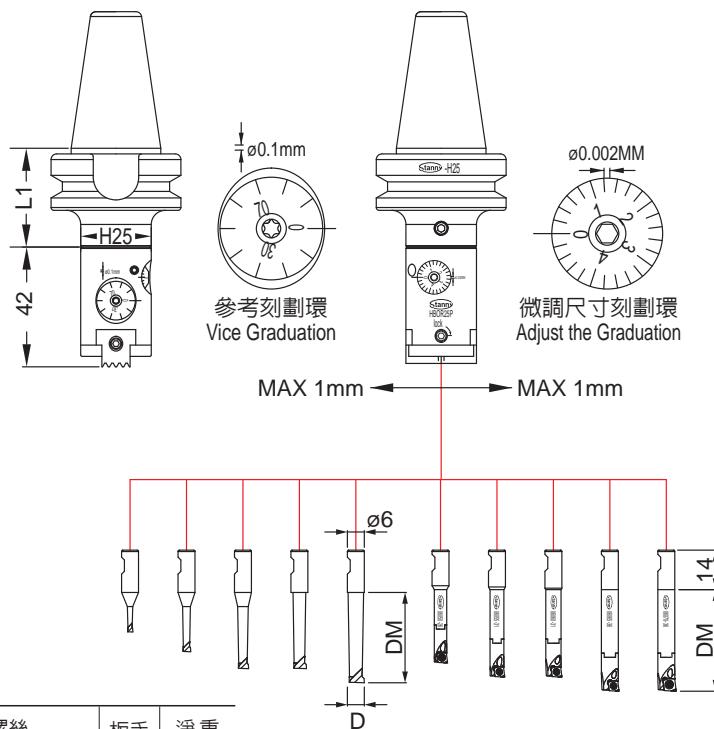
H•BOR25P

極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET G2.5 12000rpm



| 訂貨編號 Order No. | 規 格 Model | L1 | 淨重 N.W |
|-------------------|---------------|----|-----------|
| 52161303P | BT30-HBOR25P | 35 | 0.63 |
| 52161404P | BT40-HBOR25P | 40 | 1.22 |
| 52162303P | SK30-HBOR25P | 30 | 0.58 |
| 52162403P | SK40-HBOR25P | 30 | 0.72 |
| 52164604P | HSK63-HBOR25P | 40 | 0.92 |



鎢鋼刀桿 Carbide Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|-----------|
| 50060209T | CA0602-09T | 2-3.2 | 9 | 0.01 |
| 50060316T | CA0603-16T | 3-4.2 | 16 | 0.01 |
| 50060422T | CA0604-22T | 4-5.2 | 22 | 0.02 |
| 50060527T | CA0605-27T | 5-6.2 | 27 | 0.02 |
| 50060632T | CA0606-32T | 6-7.2 | 32 | 0.02 |

鎢鋼刀桿 Carbide Cutting Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|--------------|----------------|--------------|-----------|
| 5006605021 | CB06050-21 | 5-6 | 21 | | | | 0.0078 |
| 5006605526 | CB06055-26 | 5.5-6.5 | 26 | CCGT0301..L | | | 0.0100 |
| 5006606026 | CB06060-26 | 6-7 | 26 | | SB-1630TR-M1.6 | T6 | 0.0106 |
| 5006606531 | CB06065-31 | 6.5-7.5 | 31 | | | | 0.0142 |
| 5006607031 | CB06070-31 | 7-8 | 31 | CCGT0401..L | SB-2040TR-M2 | | 0.0146 |

鎢鋼刀桿 Carbide Cutting Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|--------------|----------------|--------------|-----------|
| 5006605026 | CB06050-26 | 5-6 | 26 | | | | 0.0090 |
| 5006605531 | CB06055-31 | 5.5-6.5 | 31 | CCGT0301..L | | | 0.0112 |
| 5006606031 | CB06060-31 | 6-7 | 31 | | SB-1630TR-M1.6 | T6 | 0.0124 |
| 5006606536 | CB06065-36 | 6.5-7.5 | 36 | | | | 0.0162 |
| 5006607036 | CB06070-36 | 7-8 | 36 | CCGT0401..L | SB-2040TR-M2 | | 0.0160 |

H•BOR32P

極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET G2.5 12000rpm



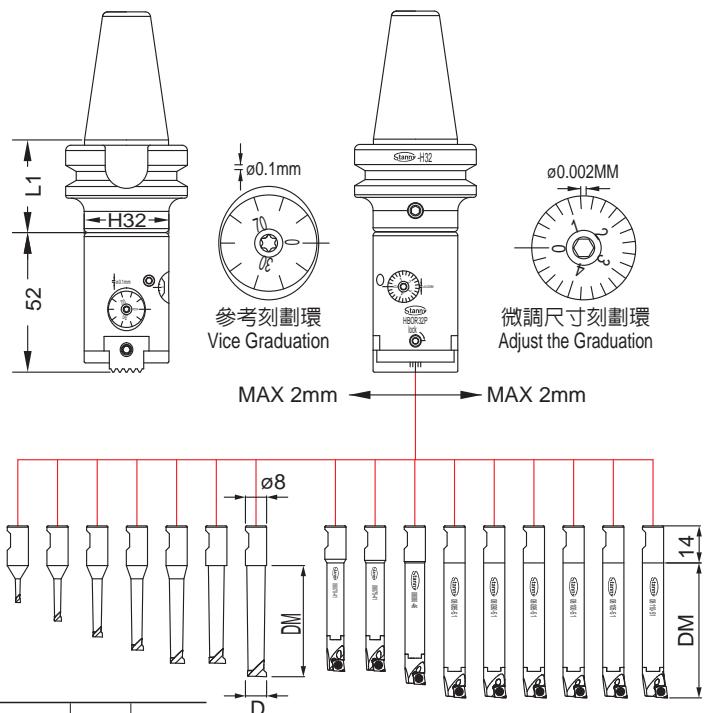
| 訂貨編號 Order No. | 規 格 Model | L1 | 淨重 N.W |
|-------------------|---------------|----|-----------|
| 53181303P | BT30-HBOR32P | 35 | 0.76 |
| 53181404P | BT40-HBOR32P | 40 | 1.35 |
| 53182303P | SK30-HBOR32P | 35 | 0.71 |
| 53182403P | SK40-HBOR32P | 35 | 1.3 |
| 53184604P | HSK63-HBOR32P | 40 | 1.32 |

鎢鋼刀桿 Carbide Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|-----------|
| 50080209T | CA0802-09T | 2-3.2 | 9 | 0.03 |
| 50080316T | CA0803-16T | 3-4.2 | 16 | 0.03 |
| 50080422T | CA0804-22T | 4-5.2 | 22 | 0.03 |
| 50080527T | CA0805-27T | 5-6.2 | 27 | 0.04 |
| 50080632T | CA0806-32T | 6-7.2 | 32 | 0.04 |
| 50080737T | CA0807-37T | 7-8.2 | 37 | 0.04 |
| 50080842T | CA0808-42T | 8-9.2 | 42 | 0.05 |

鎢鋼刀桿 Carbide Cutting Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|--------------|--------------|--------------|-----------|
| 5008807031 | CB08070-31 | 7-8 | 31 | | | | 0.0200 |
| 5008807536 | CB08075-36 | 7.5-8.5 | 36 | | | | 0.0232 |
| 5008808036 | CB08080-36 | 8-9 | 36 | | | | 0.0264 |
| 5008808541 | CB08085-41 | 8.5-9.5 | 41 | | | | 0.0332 |
| 5008809041 | CB08090-41 | 9-10 | 41 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.0334 |
| 5008809541 | CB08095-41 | 9.5-10.5 | 41 | | | | 0.0338 |
| 5008810041 | CB08100-41 | 10-11 | 41 | | | | 0.0340 |
| 5008810541 | CB08105-41 | 10.5-11.5 | 41 | | | | 0.0334 |
| 5008811041 | CB08110-41 | 11-12 | 41 | | | | 0.0344 |



H•BOR40P

極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET G2.5 12000rpm



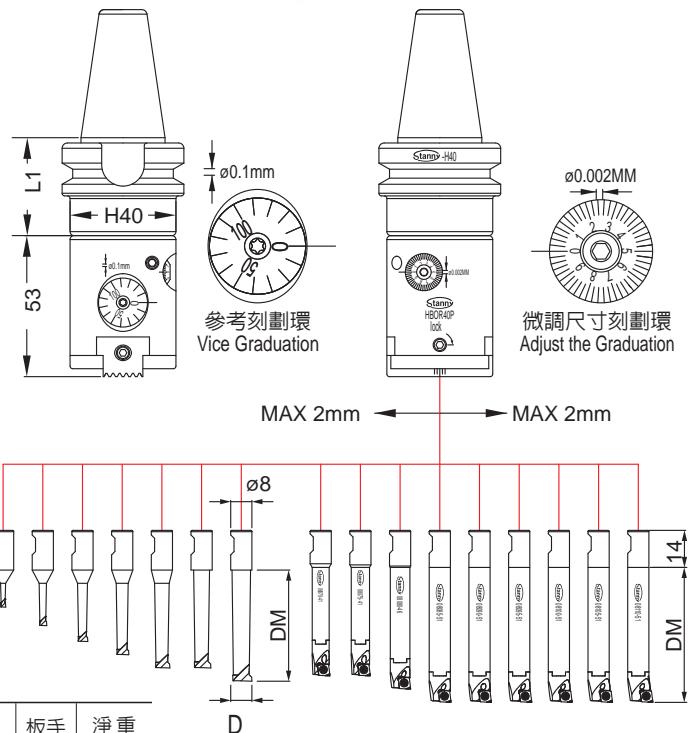
| 訂貨編號 Order No. | 規 格 Model | L1 | 淨重 N.W |
|-------------------|---------------|----|-----------|
| 54181303P | BT30-HBOR40P | 35 | 0.95 |
| 54181404P | BT40-HBOR40P | 40 | 1.34 |
| 54182303P | SK30-HBOR40P | 35 | 0.9 |
| 54182403P | SK40-HBOR40P | 35 | 1.29 |
| 54184604P | HSK63-HBOR40P | 45 | 0.92 |

鎢鋼刀桿 Carbide Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|-----------|
| 50080209T | CA0802-09T | 2-3.2 | 9 | 0.03 |
| 50080316T | CA0803-16T | 3-4.2 | 16 | 0.03 |
| 50080422T | CA0804-22T | 4-5.2 | 22 | 0.03 |
| 50080527T | CA0805-27T | 5-6.2 | 27 | 0.04 |
| 50080632T | CA0806-32T | 6-7.2 | 32 | 0.04 |
| 50080737T | CA0807-37T | 7-8.2 | 37 | 0.04 |
| 50080842T | CA0808-42T | 8-9.2 | 42 | 0.05 |

鎢鋼刀桿 Carbide Cutting Bar

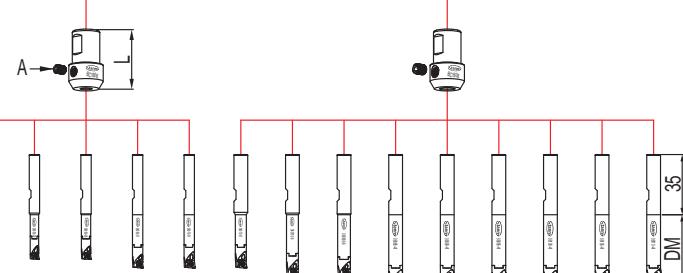
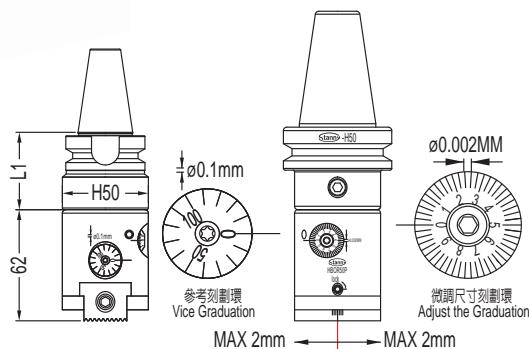
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|--------------|--------------|--------------|-----------|
| 5008807041 | CB08070-41 | 7-8 | 41 | | | | 0.0234 |
| 5008807541 | CB08075-41 | 7.5-8.5 | 41 | | | | 0.0262 |
| 5008808046 | CB08080-46 | 8-9 | 46 | | | | 0.0326 |
| 5008808551 | CB08085-51 | 8.5-9.5 | 51 | | | | 0.0396 |
| 5008809051 | CB08090-51 | 9-10 | 51 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.0404 |
| 5008809551 | CB08095-51 | 9.5-10.5 | 51 | | | | 0.0402 |
| 5008810051 | CB08100-51 | 10-11 | 51 | | | | 0.0402 |
| 5008810551 | CB08105-51 | 10.5-11.5 | 51 | | | | 0.0406 |
| 5008811051 | CB08110-51 | 11-12 | 51 | | | | 0.0404 |



H • BOR50P

**極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System**

整組SET G2.5 12000rpm ø5~ø11



套筒 Sleeve

| 訂貨編號 Order No. | 規 格 Model | 內徑 Inner | L | A螺絲 A-Bolt | 鎢鋼刀桿 Carbide Cutting Bar | 淨 重 N.W. |
|-------------------|--------------|-------------|----|---------------|-----------------------------|-------------|
| 50081606 | BC1606 | ø6 | 34 | M5 | CR06... | 0.0542 |
| 50081608 | BC1608 | ø8 | | M6 | CR08... | 0.0484 |

鎢鋼刀桿 Carbide Cutting Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 套筒 Sleeve | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----------|--------------|--------------|----------------|--------------|-------------|
| 5007605021 | CR06050-21 | 5-6 | 21 | | | | | 0.0184 |
| 5007605526 | CR06055-26 | 5.5-6.5 | | | | | | 0.0204 |
| 5007606026 | CR06060-26 | 6-7 | 26 | BC1606 | CCGT0301..L | SB-1630TR-M1.6 | T6 | 0.0214 |
| 5007606531 | CR06065-31 | 6.5-7.5 | 31 | | | | | 0.0250 |
| 5007607031 | CR06070-31 | 7-8 | | | CCGT0401..L | SB-2040TR-M2 | | 0.0250 |

| | | | | | | | | |
|------------|------------|-----------|----|--------|-------------|--------------|----|--------|
| 5009807031 | CR08070-31 | 7-8 | | | | | | 0.0380 |
| 5009807536 | CR08075-36 | 7.5-8.5 | 36 | | | | | 0.0420 |
| 5009808036 | CR08080-36 | 8-9 | | | | | | 0.0450 |
| 5009808541 | CR08085-41 | 8.5-9.5 | | | | | | 0.0518 |
| 5009809041 | CR08090-41 | 9-10 | | | | | | 0.0518 |
| 5009809541 | CR08095-41 | 9.5-10.5 | | | | | | 0.0520 |
| 5009810041 | CR08100-41 | 10-11 | | | | | | 0.0520 |
| 5009810541 | CR08105-41 | 10.5-11.5 | 41 | BC1608 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.0520 |
| 5009811041 | CR08110-41 | 11-12 | | | | | | 0.0524 |

H•BOR50P

極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET G2.5 12000rpm ø11~ø32



| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|---------------|--------------------------------------|---------------------------|----|------------|
| 55801304 | BT30-HBOR50P | 11-32 | MAS403 BT30-H50-45 | 45 | 6.23 |
| 55801405 | BT40-HBOR50P | 11-32 | MAS403 BT40-H50-50 | 50 | 6.81 |
| 55801506 | BT50-HBOR50P | 11-32 | MAS403 BT50-H50-65 | 65 | 9.46 |
| 55802305 | SK30-HBOR50P | 11-32 | DIN69871A ISO30-H50-55 | 55 | 6.36 |
| 55802405 | SK40-HBOR50P | 11-32 | DIN69871A ISO40-H50-50 | 50 | 6.78 |
| 55802505 | SK50-HBOR50P | 11-32 | DIN69871A ISO50-H50-50 | 50 | 9.01 |
| 55804605 | HSK63-HBOR50P | 11-32 | DIN69893A HSK63-H50-50 | 50 | 6.52 |

套筒 Sleeve

| 訂貨編號 Order No. | 規 格 Model | 內 徑 Inner | L | A螺絲 A-Bolt | 鎢鋼柄 Carbide Shank | 淨 重 N.W. |
|-------------------|--------------|--------------|----|---------------|----------------------|-------------|
| 50081610 | BC1610 | ø10 | 34 | M8 | CM10 | 0.06 |
| 50081612 | BC1612 | ø12 | 34 | M8 | CM12 | 0.05 |
| 50081614 | BC1614 | ø14 | 34 | M8 | CM14 | 0.04 |

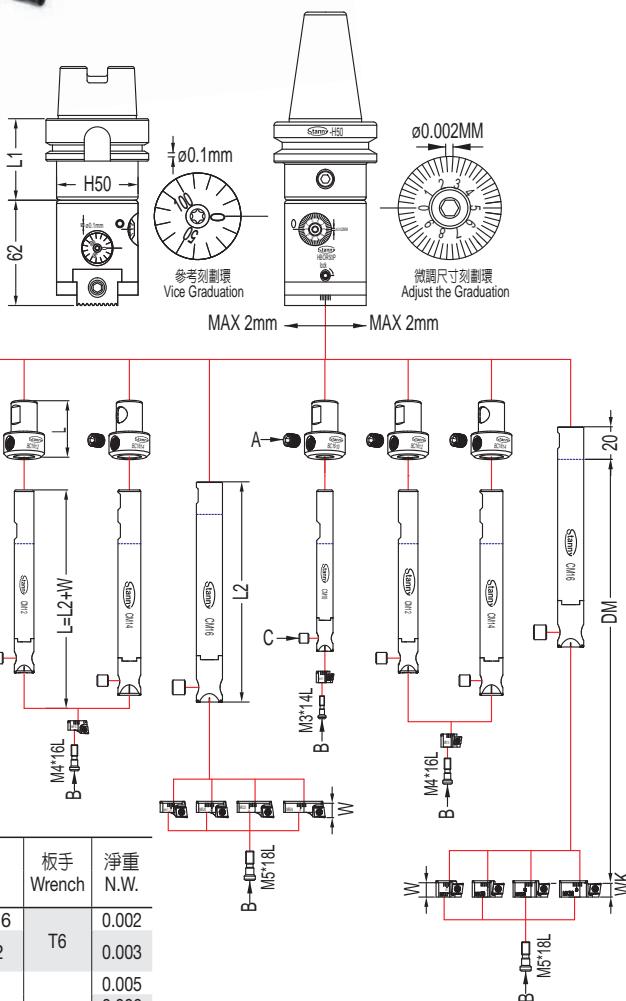
鎢鋼柄 Carbide Shank

| 訂貨編號 Order No. | 規 格 Model | 外 徑 Outer | L2 | C導程螺帽 C-NUT | B螺絲 B-Bolt | 淨 重 N.W. |
|-------------------|--------------|--------------|-----|----------------|---------------|-------------|
| 50071009 | CM10 | ø10 | 99 | NUT6 | SLCS-M3 | 0.10 |
| 50071211 | CM12 | ø12 | 112 | NUT7 | SLCS-M4 | 0.16 |
| 50071411 | CM14 | ø14 | 115 | NUT7 | SLCS-M4 | 0.21 |
| 50071613 | CM16 | ø16 | 135 | NUT9 | SLCS-M5 | 0.35 |

MR (正搪) 和 MK (反搪) 搪孔刀座
MR and MK(Reverse) Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 刀座高度 W | 深度 WK | L | 鎢鋼柄 Carbide Shank | 套筒 Sleeve | 刀 片 Insert | 螺 絲 Bolt | 板手 Wrench | 淨 重 N.W. | |
|-------------------|--------------|--------------------------------------|-----------|----------|-----|-------------------------|--------------|---------------|-------------|----------------|-------------|-------|
| 50061114 | MR11 | 11-14 | 6 | | 72 | 105 | CM10 | BC1610 | CCGT0301..L | SB-1630TR-M1.6 | T6 | 0.002 |
| 50061317 | MR13 | 13-17 | 7 | | 86 | 119 | CM12 | BC1612 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.003 |
| 50061723 | MR17 | 17-23 | | | 89 | 122 | CM14 | BC1614 | | | | 0.005 |
| 50062026 | MR20 | 20-26 | 9 | | 124 | 144 | CM16 | | CCGT0602..L | TS25-M2.5 | T8 | 0.006 |
| 50062329 | MR23 | 23-29 | | | | | | | | | | 0.008 |
| 50062632 | MR26 | 26-32 | | | | | | | | | | 0.009 |

| | | | | | | | | | | | | |
|----------|------|-------|----|---|-----|-----|------|--------|-------------|----------------|----|-------|
| 50051114 | MK11 | 11-14 | 7 | 6 | 59 | 106 | CM10 | BC1610 | CCGT0301..R | SB-1630TR-M1.6 | T6 | 0.002 |
| 50051317 | MK13 | 13-17 | 8 | 7 | 72 | 120 | CM12 | BC1612 | CCGT0401..R | SB-2040TR-M2 | T6 | 0.003 |
| 50051723 | MK17 | 17-23 | | | 86 | 119 | CM14 | BC1614 | | | | 0.005 |
| 50052026 | MK20 | 20-26 | 10 | 9 | 115 | 145 | CM16 | | CCGT0602..R | TS25-M2.5 | T8 | 0.007 |
| 50052329 | MK23 | 23-29 | | | | | | | | | | 0.009 |
| 50052632 | MK26 | 26-32 | | | | | | | | | | 0.011 |



H • BOR50P

極細微調精搪孔系統 - 菱形
Micro-Finishing Cutter Fine Boring System

整組SET G2.5 12000rpm ø11~ø90



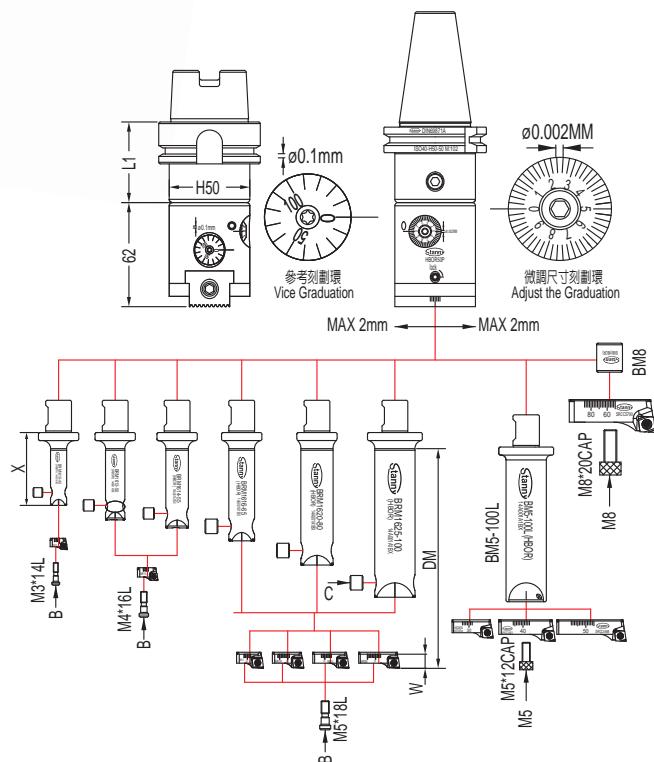
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin~øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|---------------|--------------------------------------|---------------------------|----|------------|
| 55801304RM | BT30-HBOR50P | 11-90 | MAS403 BT30-H50-45 | 45 | 6.85 |
| 55801405RM | BT40-HBOR50P | 11-90 | MAS403 BT40-H50-50 | 50 | 7.43 |
| 55801506RM | BT50-HBOR50P | 11-90 | MAS403 BT50-H50-65 | 65 | 10.08 |
| 55802305RM | SK30-HBOR50P | 11-90 | DIN69871A ISO30-H50-55 | 55 | 6.98 |
| 55802405RM | SK40-HBOR50P | 11-90 | DIN69871A ISO40-H50-50 | 50 | 7.40 |
| 55802505RM | SK50-HBOR50P | 11-90 | DIN69871A ISO50-H50-50 | 50 | 9.63 |
| 55804605RM | HSK63-HBOR50P | 11-90 | DIN69893A HSK63-H50-50 | 50 | 7.14 |

接桿 Shank

| 訂貨編號 Order No. | 規 格 Model | X | 深度 DMM | C導程螺帽 C-NUT | 螺絲 B-Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--------------|-----|-----------|----------------|--------------|--------------|------------|
| 50171004 | BRM1610-40 | 45 | 41 | NUT6 | SLCS-M3 | T8 | 0.07 |
| 50171205 | BRM1612-50 | 54 | 51 | | | | 0.09 |
| 50171405 | BRM1614-55 | 59 | 56 | NUT7 | SLCS-M4 | T15 | 0.11 |
| 50171606 | BRM1616-65 | 67 | 66 | | | | 0.14 |
| 50172008 | BRM1620-80 | 82 | 81 | NUT9 | SLCS-M5 | T25 | 0.22 |
| 50172510 | BRM1625-100 | 102 | 101 | | | | 0.41 |
| 50162510 | BM5-100L | 96 | 88+ | | M5×12 | ◇ 4 | 0.40 |
| 50501608 | BM8 | | | | M8×20 | ◇ 6 | 0.03 |

搪孔刀座 Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin~øDMax | 刀座高度 W | 接桿 Shank | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--------------|--------------------------------------|-----------|--------------------------|--------------|----------------|--------------|------------|
| 50061114 | MR11 | 11-14 | 6 | BRM1610-40 | CCGT0301..L | SB-1630TR-M1.6 | | 0.002 |
| 50061317 | MR13 | 13-17 | 7 | BRM1612-50 BRM1614-55 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.003 |
| 50061723 | MR17 | 17-23 | | | | | | 0.005 |
| 50062026 | MR20 | 20-26 | | BRM1616-65 | | | | 0.006 |
| 50062329 | MR23 | 23-29 | 9 | BRM1620-80 | | | | 0.008 |
| 50062632 | MR26 | 26-32 | | BRM1625-100 | | | | 0.009 |
| 50252938CC | SRCC2938 | 29-38 | 11 | | CCGT0602..L | TS25-M2.5 | T8 | 0.010 |
| 50323652CC | SRCC3652 | 36-52 | 13 | BM5-100L | | | | 0.020 |
| 50404468CC | SRCC4468 | 44-68 | 13 | | | | | 0.030 |
| 50505790CC | SRCC5790 | 57-90 | 20 | BM8 | CCGT09T3..L | TS4-M4 | T15 | 0.100 |



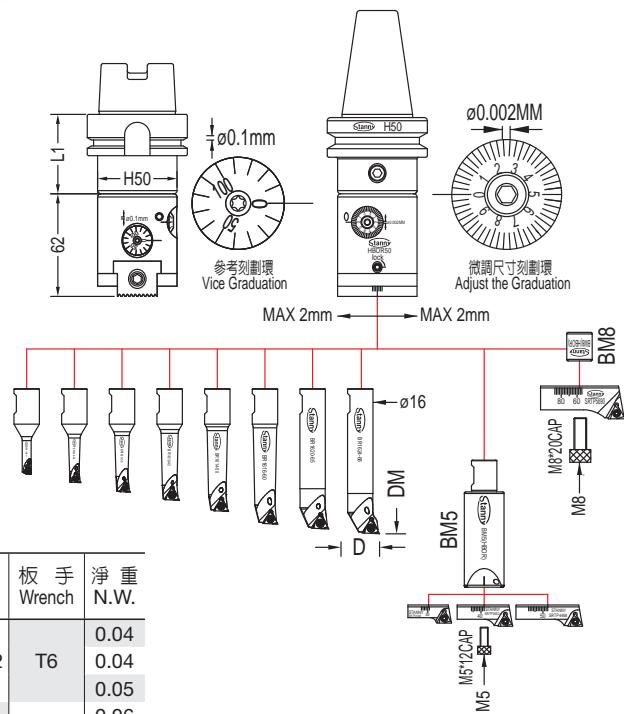
H•BOR50

極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET ø6~ø90



| 訂貨編號 Order No. | 規格 Model | 範圍 D Boring Range øDMin-øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|--------------|-------------------------------------|---------------------------|----|------------|
| 55901309 | BT30-HBOR50 | 6-90 | MAS403 BT30-H50-45 | 45 | 6.7 |
| 55901410 | BT40-HBOR50 | 6-90 | MAS403 BT40-H50-50 | 50 | 7.3 |
| 55901510 | BT50-HBOR50 | 6-90 | MAS403 BT50-H50-65 | 65 | 9.9 |
| 55902309 | SK30-HBOR50 | 6-90 | DIN69871A ISO30-H50-55 | 55 | 6.8 |
| 55902410 | SK40-HBOR50 | 6-90 | DIN69871A ISO40-H50-50 | 50 | 7.3 |
| 55902510 | SK50-HBOR50 | 6-90 | DIN69871A ISO50-H50-50 | 50 | 9.5 |
| 55904610 | HSK63-HBOR50 | 6-90 | DIN69893A HSK63-H50-50 | 50 | 7.0 |



| 訂貨編號 Order No. | 規格 Model | 範圍 D Boring Range øDMin-øDMax | 深度 DM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|-------------------------------------|---------------------------------------|--------------|-------------|--------------|------------|
| 50160621 | BR1606-21 | 6-9 | 21 | WBGT0601..L | | | 0.04 |
| 50160828 | BR1608-28 | 8-11 | 28 | TBGT0601..L | SB-1STR-M2 | T6 | 0.04 |
| 50161035 | BR1610-35 | 10-13 | 35 | | | | 0.05 |
| 50161242 | BR1612-42 | 12-15 | 42 | | | | 0.06 |
| 50161450 | BR1614-50 | 14-17 | 50 | TPGH0902..L | SB-2TR-M2.5 | | 0.07 |
| 50161660 | BR1616-60 | 16-20 | 60 | | | T8 | 0.09 |
| 50162065 | BR1620-65 | 20-24 | 65 | TPGH1103..L | SB-3TR-M3 | | 0.11 |
| 50162468 | BR1624-68 | 24-28 | 68 | | | | 0.12 |
| 50162505 | BM5 | | 60 + SRTP2938 or SRTP3652 or SRTP4468 | M5×12 | ◇ 4 | | 0.25 |
| 50252938 | SRTP2938 | 29-38 | +10 | | | | 0.01 |
| 50323652 | SRTP3652 | 36-52 | +12 | TPGH0902..L | SB-2TR-M2.5 | T8 | 0.02 |
| 50404468 | SRTP4468 | 44-68 | +12 | | | | 0.03 |
| 50501608 | BM8 | | +SRTP5790 | M8×20 | ◇ 6 | | 0.03 |
| 50505790 | SRTP5790 | 57-90 | +20 | TPGH1103..L | SB-3TR-M3 | T8 | 0.10 |

H•BOR63P

極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET G2.5 12000rpm ø5~ø11



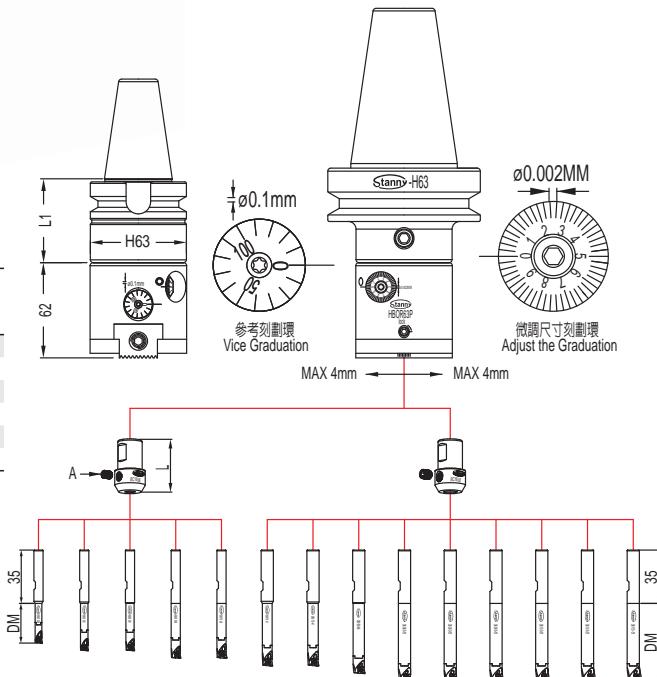
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|---------------|--------------------------------------|---------------------------|----|------------|
| 56801405CR | BT40-HBOR63P | 5-11 | MAS403 BT40-H63-55 | 55 | 7.2 |
| 56801506CR | BT50-HBOR63P | 5-11 | MAS403 BT50-H63-65 | 65 | 9.8 |
| 56801508CR | BT50-HBOR63P | 5-11 | MAS403 BT50-H63-85 | 85 | 10.3 |
| 56802406CR | SK40-HBOR63P | 5-11 | DIN69871A ISO40-H63-60 | 60 | 7.2 |
| 56802506CR | SK50-HBOR63P | 5-11 | DIN69871A ISO50-H63-65 | 65 | 9.0 |
| 56804606CR | HSK63-HBOR63P | 5-11 | DIN69893A HSK63-H63-67 | 67 | 7.0 |

套筒 Sleeve

| 訂貨編號 Order No. | 規 格 Model | 內徑 Inner | L | A螺絲 A-Bolt | 鎢鋼刀桿 Carbide Cutting Bar | 淨 重 N.W. |
|-------------------|--------------|-------------|----|---------------|-----------------------------|-------------|
| 50081606 | BC1606 | ø6 | 34 | M5 | CR06… | 0.0542 |
| 50081608 | BC1608 | ø8 | | M6 | CR08… | 0.0484 |

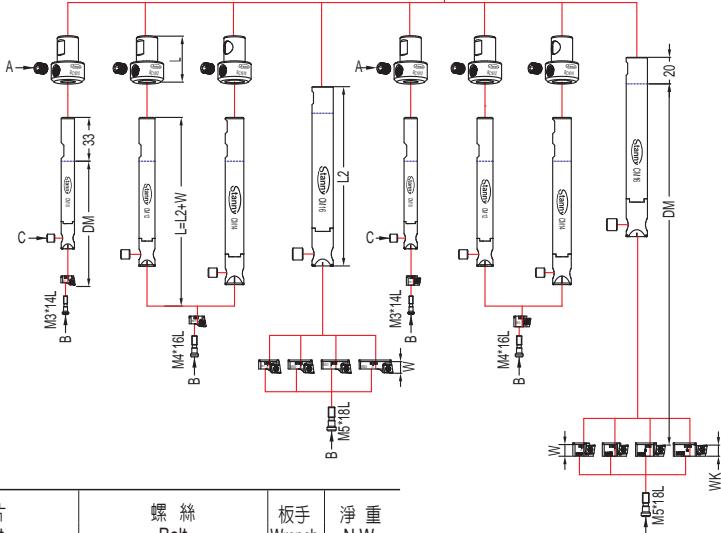
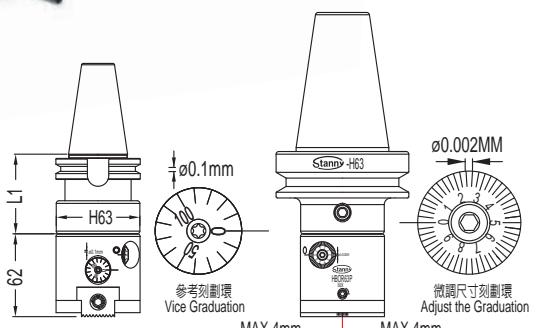
鎢鋼刀桿 Carbide Cutting Bar

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 套筒 Sleeve | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|----------|--------------|--------------|----------------|--------------|-------------|
| 5007605026 | CR06050-26 | 5-6 | 26 | | | | | 0.0192 |
| 5007605531 | CR06055-31 | 5.5-6.5 | 31 | | | | | 0.0216 |
| 5007606031 | CR06060-31 | 6-7 | | BC1606 | CCGT0301..L | SB-1630TR-M1.6 | T6 | 0.0228 |
| 5007606536 | CR06065-36 | 6.5-7.5 | 36 | | | | | 0.0268 |
| 5007607036 | CR06070-36 | 7-8 | | | CCGT0401..L | SB-2040TR-M2 | | 0.0268 |
| 5009807041 | CR08070-41 | 7-8 | 41 | | | | | 0.0424 |
| 5009807541 | CR08075-41 | 7.5-8.5 | | | | | | 0.0448 |
| 5009808046 | CR08080-46 | 8-9 | 46 | | | | | 0.0512 |
| 5009808551 | CR08085-51 | 8.5-9.5 | | | | | | 0.0586 |
| 5009809051 | CR08090-51 | 9-10 | | | | | | 0.0586 |
| 5009809551 | CR08095-51 | 9.5-10.5 | 51 | | | | | 0.0590 |
| 5009810051 | CR08100-51 | 10-11 | | | | | | 0.0590 |
| 5009810551 | CR08105-51 | 10.5-11.5 | | | | | | 0.0592 |
| 5009811051 | CR08110-51 | 11-12 | | | | | | 0.0592 |



H • BOR63P
極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET G2.5 12000rpm ø11~ø32



套筒 Sleeve

| 訂貨編號 Order No. | 規 格 Model | 內 徑 Inner | L | A螺絲 A-Bolt | 鈷鋼柄 Carbide Shank | 淨重 N.W. |
|-------------------|--------------|--------------|----|---------------|----------------------|------------|
| 50081610 | BC1610 | ø10 | | | CM10 | 0.06 |
| 50081612 | BC1612 | ø12 | 34 | M8 | CM12 | 0.05 |
| 50081614 | BC1614 | ø14 | | | CM14 | 0.04 |

鈷鋼柄 Carbide Shank

| 訂貨編號 Order No. | 規 格 Model | 外 徑 Outer | L2 | C導程螺帽 C-NUT | B螺絲 B-Bolt | 淨重 N.W. |
|-------------------|--------------|--------------|-----|----------------|---------------|------------|
| 50071009 | CM10 | ø10 | 99 | NUT6 | SLCS-M3 | 0.10 |
| 50071211 | CM12 | ø12 | 112 | NUT7 | SLCS-M4 | 0.16 |
| 50071411 | CM14 | ø14 | 115 | NUT7 | SLCS-M4 | 0.21 |
| 50071613 | CM16 | ø16 | 135 | NUT9 | SLCS-M5 | 0.35 |

MR (正搪) 和 MK (反搪) 搪孔刀座
MR and MK(Reverse) Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin~øDMax | 刀座高度 W | 深度 WK | L | 鈷鋼柄 Carbide Shank | 套筒 Sleeve | 刀 片 Insert | 螺 絲 Bolt | 扳手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-----------|----------|-----|-------------------------|--------------|---------------|----------------|--------------|-------------|
| 50061114 | MR11 | 11-14 | 6 | 72 | 105 | CM10 | BC1610 | CCGT0301..L | SB-1630TR-M1.6 | | 0.002 |
| 50061317 | MR13 | 13-17 | 7 | 86 | 119 | CM12 | BC1612 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.003 |
| 50061723 | MR17 | 17-23 | | 89 | 122 | CM14 | BC1614 | | | | 0.005 |
| 50062026 | MR20 | 20-26 | 9 | 124 | 144 | CM16 | | CCGT0602..L | TS25-M2.5 | T8 | 0.006 |
| 50062329 | MR23 | 23-29 | | | | | | | | | 0.008 |
| 50062632 | MR26 | 26-32 | | | | | | | | | 0.009 |

| | | | | | | | | | | | | |
|----------|------|-------|----|---|-----|-----|------|--------|-------------|----------------|----|-------|
| 50051114 | MK11 | 11-14 | 7 | 6 | 59 | 106 | CM10 | BC1610 | CCGT0301..R | SB-1630TR-M1.6 | T6 | 0.002 |
| 50051317 | MK13 | 13-17 | 8 | 7 | 72 | 120 | CM12 | BC1612 | CCGT0401..R | SB-2040TR-M2 | | 0.003 |
| 50051723 | MK17 | 17-23 | | | | | CM14 | BC1614 | | | | 0.005 |
| 50052026 | MK20 | 20-26 | 10 | 9 | 115 | 145 | CM16 | | CCGT0602..R | TS25-M2.5 | T8 | 0.007 |
| 50052329 | MK23 | 23-29 | | | | | | | | | | 0.009 |
| 50052632 | MK26 | 26-32 | | | | | | | | | | 0.011 |

H • BOR63P

極細微調精搪孔系統 - 菱形 Micro-Finishing Cutter for Rhombus Fine Boring System

整組SET G2.5 12000rpm ø11~ø150



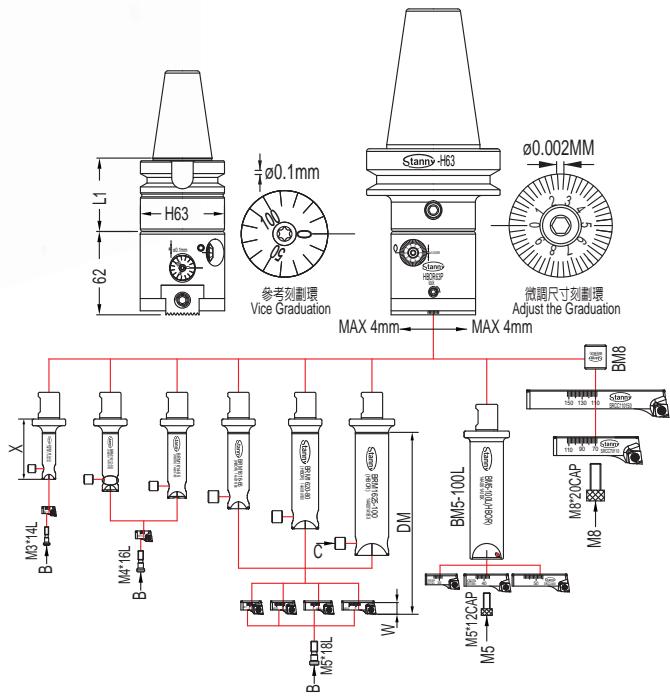
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin~øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|---------------|--------------------------------------|---------------------------|----|------------|
| 56801405RM | BT40-HBOR63P | 11-150 | MAS403 BT40-H63-55 | 55 | 8.4 |
| 56801506RM | BT50-HBOR63P | 11-150 | MAS403 BT50-H63-65 | 65 | 10.9 |
| 56801508RM | BT50-HBOR63P | 11-150 | MAS403 BT50-H63-85 | 85 | 11.4 |
| 56802406RM | SK40-HBOR63P | 11-150 | DIN69871A ISO40-H63-60 | 60 | 8.4 |
| 56802506RM | SK50-HBOR63P | 11-150 | DIN69871A ISO50-H63-65 | 65 | 10.0 |
| 56804606RM | HSK63-HBOR63P | 11-150 | DIN69893A HSK63-H63-67 | 67 | 8.3 |

接桿 Shank

| 訂貨編號 Order No. | 規 格 Model | X | 深度 DM | C導程螺帽 C-NUT | 螺絲 B-Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--------------|-----|----------|----------------|--------------|--------------|------------|
| 50171004 | BRM1610-40 | 45 | 41 | NUT6 | SLCS-M3 | T8 | 0.07 |
| 50171205 | BRM1612-50 | 54 | 51 | NUT7 | SLCS-M4 | T15 | 0.09 |
| 50171405 | BRM1614-55 | 59 | 56 | | | | 0.11 |
| 50171606 | BRM1616-65 | 67 | 66 | | | | 0.14 |
| 50172008 | BRM1620-80 | 82 | 81 | NUT9 | SLCS-M5 | T25 | 0.22 |
| 50172510 | BRM1625-100 | 102 | 101 | | | | 0.41 |
| 50162510 | BM5-100L | 96 | 88+ | | M5×12 | ○4 | 0.40 |
| 50501608 | BM8 | | | | M8×20 | ○6 | 0.03 |

搪孔刀座 Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin~øDMax | 刀座高度 W | 接桿 Shank | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--------------|--------------------------------------|-----------|---|--------------|----------------|--------------|------------|
| 50061114 | MR11 | 11-14 | 6 | BRM1610-40 | CCGT0301..L | SB-1630TR-M1.6 | | 0.002 |
| 50061317 | MR13 | 13-17 | 7 | BRM1612-50 BRM1614-55 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.003 |
| 50061723 | MR17 | 17-23 | | | | | | 0.005 |
| 50062026 | MR20 | 20-26 | | BRM1616-65 BRM1620-80 BRM1625-100 | | | | 0.006 |
| 50062329 | MR23 | 23-29 | | | | | | 0.008 |
| 50062632 | MR26 | 26-32 | | | | TS25-M2.5 | T8 | 0.009 |
| 50252938CC | SRCC2938 | 29-38 | 11 | | | | | 0.010 |
| 50323652CC | SRCC3652 | 36-52 | 13 | BM5-100L | | | | 0.020 |
| 50404468CC | SRCC4468 | 44-68 | 13 | | | | | 0.030 |
| 50637011CC | SRCC70110 | 70-110 | 20 | | CCGT09T3..L | TS4-M4 | T15 | 0.100 |
| 50637115CC | SRCC110150 | 110-150 | 20 | BM8 | | | | 0.210 |



H•BOR63

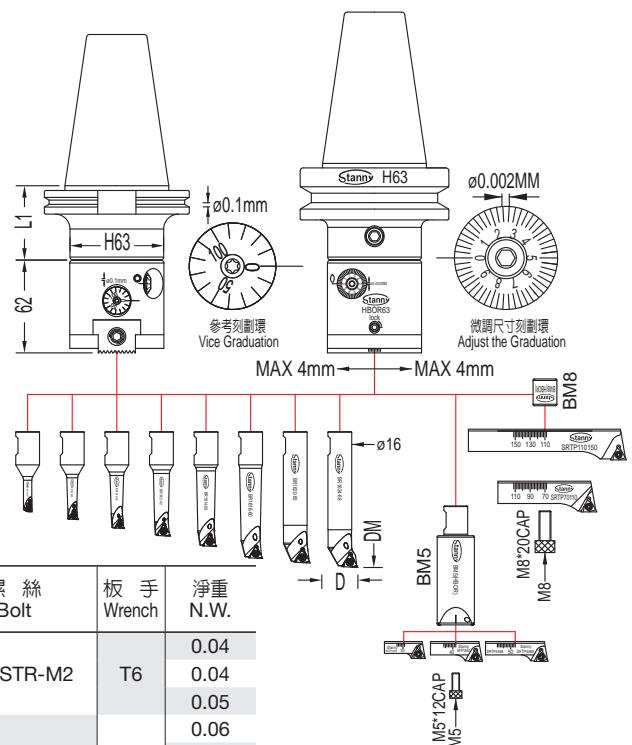
極細微調精搪孔系統
Micro-Finishing Cutter Fine Boring System

整組SET ø6~ø150



| 訂貨編號 Order No. | 規格 Model | 範圍D Boring Range øDMin-øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|--------------|------------------------------------|---------------------------|----|------------|
| 56900410 | NT40-HBOR63 | 6-150 | DIN2080 ISO40-H63-55 | 55 | 8.4 |
| 56900510 | NT50-HBOR63 | 6-150 | DIN2080 ISO50-H63-65 | 65 | 10.4 |
| 56901410 | BT40-HBOR63 | 6-150 | MAS403 BT40-H63-55 | 55 | 8.2 |
| 56901510 | BT50-HBOR63 | 6-150 | MAS403 BT50-H63-65 | 65 | 10.8 |
| 56901512 | BT50-HBOR63 | 6-150 | MAS403 BT50-H63-85 | 85 | 11.3 |
| 56902410 | SK40-HBOR63 | 6-150 | DIN69871A ISO40-H63-60 | 60 | 8.3 |
| 56902510 | SK50-HBOR63 | 6-150 | DIN69871A ISO50-H63-65 | 65 | 10.0 |
| 56904610 | HSK63-HBOR63 | 6-150 | DIN69893A HSK63-H63-67 | 67 | 8.2 |

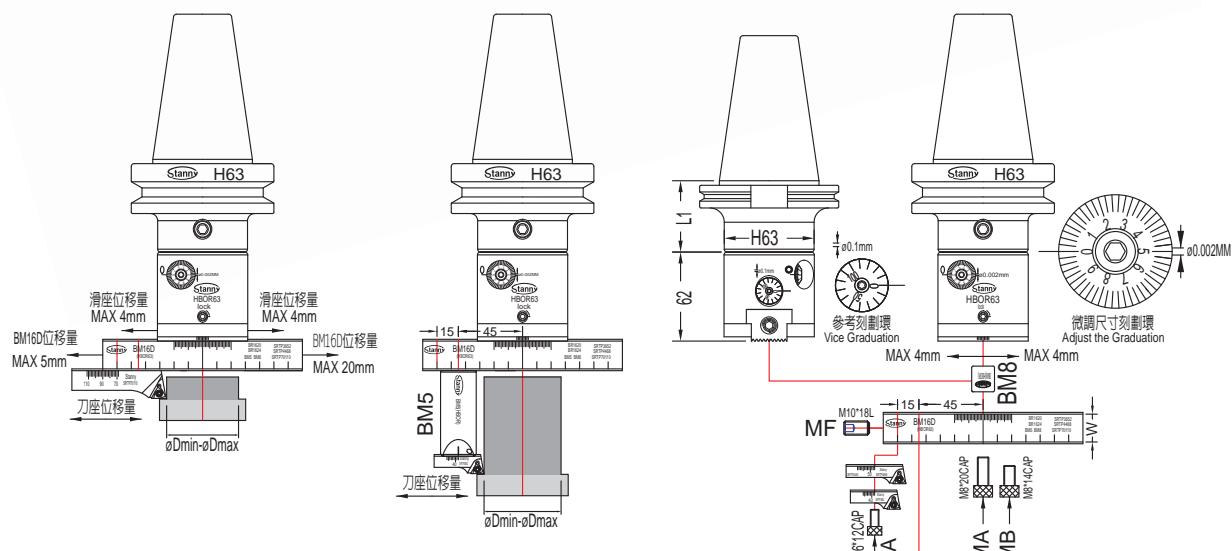
| 訂貨編號 Order No. | 規格 Model | 範圍D Boring Range øDMin-øDMax | 深度 DM | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|------------------------------------|----------|---------------------------------------|-------------|--------------|------------|
| 50160621 | BR1606-21 | 6-9 | 21 | WBGT0601..L | | | 0.04 |
| 50160828 | BR1608-28 | 8-11 | 28 | TBGT0601..L | SB-1STR-M2 | T6 | 0.04 |
| 50161035 | BR1610-35 | 10-13 | 35 | | | | 0.05 |
| 50161242 | BR1612-42 | 12-15 | 42 | | | | 0.06 |
| 50161450 | BR1614-50 | 14-17 | 50 | TPGH0902..L | SB-2TR-M2.5 | | 0.07 |
| 50161660 | BR1616-60 | 16-20 | 60 | | | T8 | 0.09 |
| 50162065 | BR1620-65 | 20-24 | 65 | TPGH1103..L | SB-3TR-M3 | | 0.11 |
| 50162468 | BR1624-68 | 24-28 | 68 | | | | 0.12 |
| 50162505 | BM5 | | | 60 + SRTP2938 or SRTP3652 or SRTP4468 | M5×12 | ◇ 4 | 0.25 |
| 50252938 | SRTP2938 | 29-38 | +10 | | | | 0.01 |
| 50323652 | SRTP3652 | 36-52 | +12 | TPGH0902..L | SB-2TR-M2.5 | T8 | 0.02 |
| 50404468 | SRTP4468 | 44-68 | +12 | | | | 0.03 |
| 50501608 | BM8 | | | +SRTP70110 or SRTP110150 | M8×20 | ◇ 6 | 0.03 |
| 50637011 | SRTP70110 | 70-110 | +20 | TPGH1103..L | SB-3TR-M3 | T8 | 0.10 |
| 50637115 | SRTP110150 | 110-150 | +20 | | | | 0.21 |



**H•BOR63
+ BM16D**

極細微調精搪孔系統—搪外徑
Micro-Finishing Cutter Fine Boring System - Cutting Outer Diameter

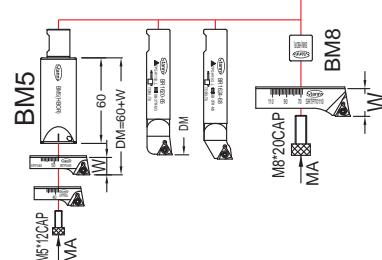
0~ø100



註：“反轉”切削搪外徑

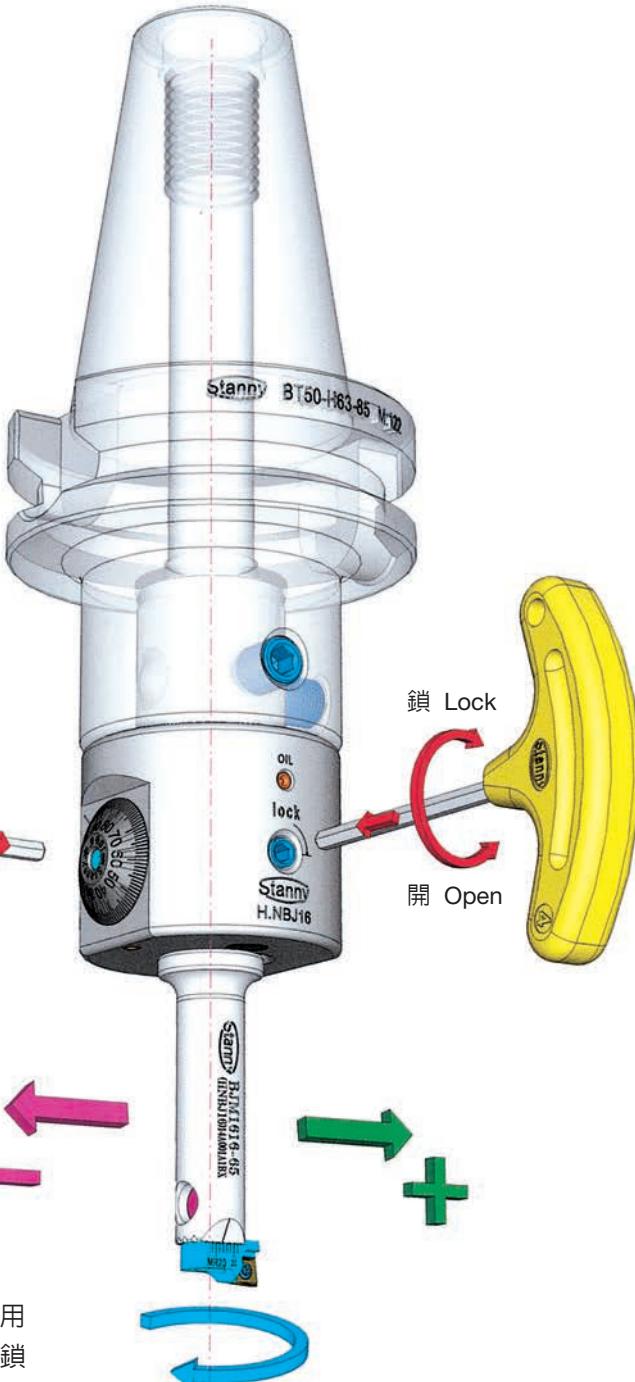
Remark: Reverse Cutting Outer Diameter Boring

| 訂貨編號 Order No. | 規格 Model | 範圍 D Boring Range øDMin-øDMax | 深度 Depth | | MA Bolt | MB Bolt | 淨重 N.W |
|-------------------|-------------|-------------------------------------|-------------|----|------------|------------|-----------|
| | | | DM | W | | | |
| 50630160 | BM16D | | 20 | | BM8 | M8×14 | 0.46 |
| 50323652 | SRTP3652 | 20-102 | | | | | 0.02 |
| 50404468 | SRTP4468 | 4-94 | 12 | | M6×12 | | 0.03 |
| 50162505 | BM5 | +SRTP3652 or +SRTP4468 | | | M5×12 | | 0.25 |
| 50323652 | +SRTP3652 | 0-72 | 72 | 12 | | | 0.02 |
| 50404468 | +SRTP4468 | 0-64 | | | | | 0.03 |
| 50162065 | BR1620-65 | 22-88 | 65 | | | | 0.11 |
| 50162468 | BR1624-68 | 18-84 | 68 | | | | 0.12 |
| 50637011 | SRTP70110 | 0-68 | | 19 | BM8 | | 0.10 |





H•NBJ16 小徑精搪孔系統



在預設平衡狀態，在中心軸線裝搪刀，用
1放鬆LOCK螺絲，2微調搪孔尺寸，再鎖
緊LOCK螺絲，進行高速切削。

The boring tools are pre-balance.

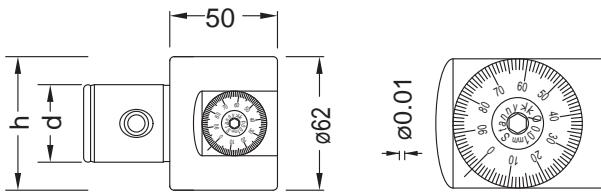
1. Loosen locking bolt
2. Rotate the graduation to adjust the size, then tighten the locking bolt.

H•NBJ16

小徑精搪孔刀
Small Diameter Boring System

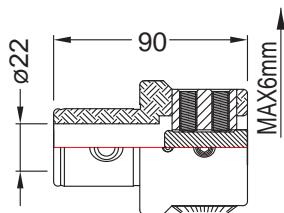
精搪孔刀本體 Body

精搪孔刀桿 Cutting Bar



精搪孔刀本體
Body

微調尺寸刻劃環
Adjust the Graduation

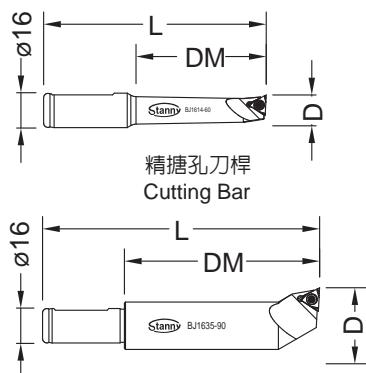


H•NBJ16 小徑精搪孔刀—精搪孔刀本體
Body for H•NBJ16 Boring System

| 訂貨編號 Order No. | 規 格 Model | h | d | 行 程 Front | 刀 徑 Cutting Bar | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|----|--------------|--------------------|---------------|-------------|
| 16300050 | HNBJ16 | 63 | 36 | 6 | ø 16 | □ 4 | 1.20 |



H•NBJ16 小徑精搪孔刀—精搪孔刀桿
Cutting Bar for H•NBJ16 Boring System



| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDmin-øDmax | 深 度 DM | L | 系 統 System | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-----------|-----|---------------|---------------|-------------|---------------|-------------|
| 16010624 | BJ1606-24 | 6-9 | 24 | 73 | HNBJ16 | WBGT0601..L | SB-1STR-M2 | T6 | 0.08 |
| 16010832 | BJ1608-32 | 8-11 | 32 | 80 | | TBGT0601..L | | | 0.08 |
| 16011040 | BJ1610-40 | 10-13 | 40 | 87 | | TPGH0902..L | SB-2TR-M2.5 | | 0.08 |
| 16011253 | BJ1612-53 | 12-15 | 53 | 98 | | TPGH1103..L | T8 | 0.10 | |
| 16011460 | BJ1614-60 | 14-17 | 60 | 103 | | TPGH1103..L | | 0.10 | |
| 16011668 | BJ1616-68 | 16-21 | 68 | 110 | | TPGH1103..L | | 0.12 | |
| 16012083 | BJ1620-83 | 20-26 | 83 | 125 | | TPGH1103..L | | 0.20 | |
| 16012590 | BJ1625-90 | 25-31 | 90 | 128 | | TPGH1103..L | | 0.30 | |
| 16013090 | BJ1630-90 | 30-36 | 90 | 128 | | TPGH1103..L | | 0.32 | |
| 16013590 | BJ1635-90 | 35-41 | 90 | 128 | | TPGH1103..L | | 0.32 | |
| 16014090 | BJ1640-90 | 40-46 | 90 | 128 | | TPGH1103..L | | 0.38 | |
| 16014590 | BJ1645-90 | 45-51 | 90 | 128 | | TPGH1103..L | | 0.38 | |

H•NBJ16P

小徑精搪孔系統
Small Diameter Boring System

整組SET G2.5 12000rpm ø5~ø11



| 訂貨編號 Order No. | 規 格 Model | 範圍D Boring Range øDMin~øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨 重 N.W. |
|-------------------|---------------|------------------------------------|---------------------------|----|-------------|
| 16811410CR | BT40-HNBJ16P | 5-11 | MAS403 BT40-H63-55 | 55 | 6.85 |
| 16811510CR | BT50-HNBJ16P | 5-11 | MAS403 BT50-H63-65 | 65 | 9.41 |
| 16811512CR | BT50-HNBJ16P | 5-11 | MAS403 BT50-H63-85 | 85 | 9.91 |
| 16812410CR | SK40-HNBJ16P | 5-11 | DIN69871A ISO40-H63-60 | 60 | 6.89 |
| 16812510CR | SK50-HNBJ16P | 5-11 | DIN69871A ISO50-H63-65 | 65 | 8.61 |
| 16814610CR | HSK63-HNBJ16P | 5-11 | DIN69893A HSK63-H63-67 | 67 | 6.74 |

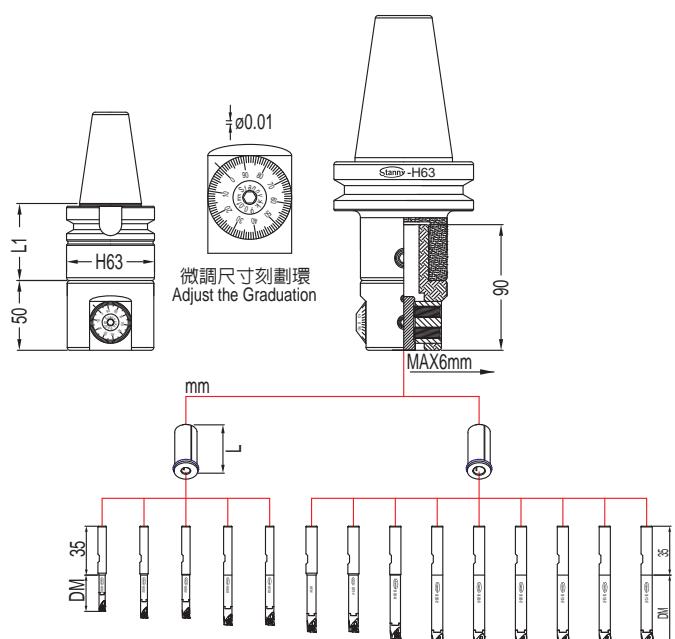
套筒 Sleeve

| 訂貨編號 Order No. | 規 格 Model | 內徑 Inner | L | 鎢鋼刀桿 Carbide Cutting Bar | 淨重 N.W. |
|-------------------|--------------|-------------|----|-----------------------------|------------|
| 16081606 | C1606 | ø6 | 40 | CR06... | 0.0542 |
| 16081608 | C1608 | ø8 | 40 | CR08... | 0.0484 |

鎢鋼刀桿 Carbide Cutting Bar

| 訂貨編號 Order No. | 規 格 Model | 範圍D Boring Range øDMin~øDMax | 深 度 DMM | 套筒 Sleeve | 刀 片 Insert | 螺 絲 Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|------------------------------------|------------|--------------|---------------|----------------|--------------|-------------|
| 5007605026 | CR06050-26 | 5-6 | 26 | | | | | 0.0192 |
| 5007605531 | CR06055-31 | 5.5-6.5 | 31 | | | | | 0.0216 |
| 5007606031 | CR06060-31 | 6-7 | 31 | C1606 | CCGT0301..L | SB-1630TR-M1.6 | T6 | 0.0228 |
| 5007606536 | CR06065-36 | 6.5-7.5 | 36 | | | | | 0.0268 |
| 5007607036 | CR06070-36 | 7-8 | 36 | | CCGT0401..L | SB-2040TR-M2 | | 0.0268 |

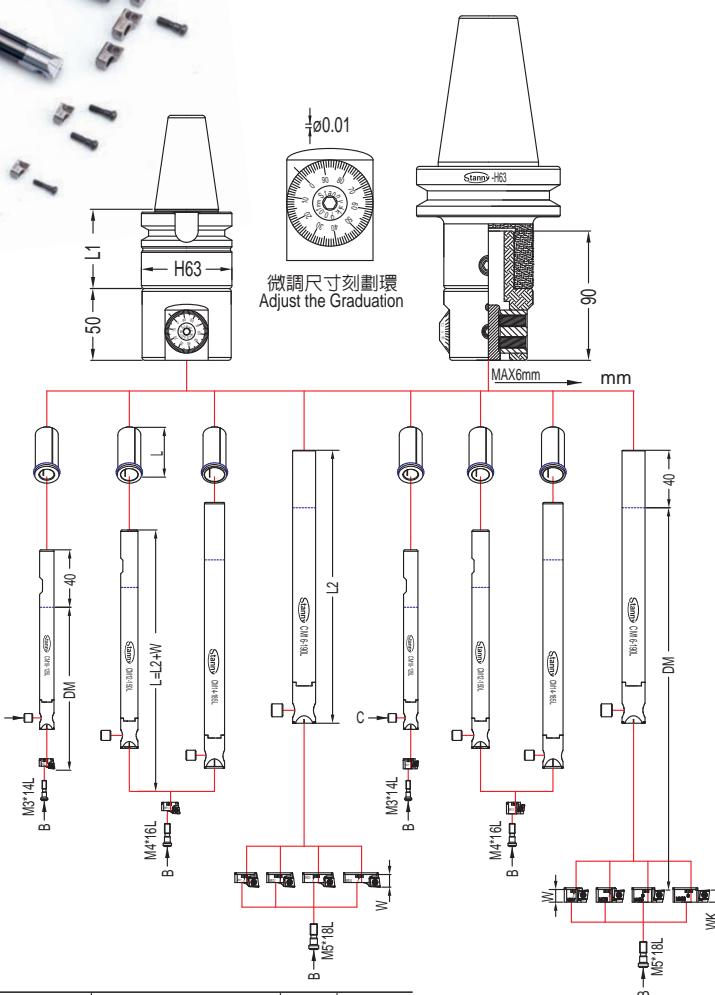
| | | | | | | | | |
|------------|------------|-----------|----|-------|-------------|--------------|----|--------|
| 5009807041 | CR08070-41 | 7-8 | 41 | | | | | 0.0424 |
| 5009807541 | CR08075-41 | 7.5-8.5 | 41 | | | | | 0.0448 |
| 5009808046 | CR08080-46 | 8-9 | 46 | | | | | 0.0512 |
| 5009808551 | CR08085-51 | 8.5-9.5 | 51 | | | | | 0.0586 |
| 5009809051 | CR08090-51 | 9-10 | 51 | C1608 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.0586 |
| 5009809551 | CR08095-51 | 9.5-10.5 | 51 | | | | | 0.0590 |
| 5009810051 | CR08100-51 | 10-11 | 51 | | | | | 0.0590 |
| 5009810551 | CR08105-51 | 10.5-11.5 | 51 | | | | | 0.0592 |
| 5009811051 | CR08110-51 | 11-12 | 51 | | | | | 0.0592 |



H•NBJ16P

小徑精搪孔系統
Small Diameter Boring System

整組SET G2.5 12000rpm ø11~ø32



| 訂貨編號 Order No. | 規 格 Model | 範圍D Boring Range øMin-øMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|---------------|----------------------------------|---------------------------|----|------------|
| 16811410 | BT40-HNBJ16P | 11-32 | MAS403 BT40-H63-55 | 55 | 7.50 |
| 16811510 | BT50-HNBJ16P | 11-32 | MAS403 BT50-H63-65 | 65 | 10.10 |
| 16811512 | BT50-HNBJ16P | 11-32 | MAS403 BT50-H63-85 | 85 | 10.60 |
| 16812410 | SK40-HNBJ16P | 11-32 | DIN69871A ISO40-H63-60 | 60 | 7.60 |
| 16812510 | SK50-HNBJ16P | 11-32 | DIN69871A ISO50-H63-65 | 65 | 9.30 |
| 16814610 | HSK63-HNBJ16P | 11-32 | DIN69893A HSK63-H63-67 | 67 | 7.40 |

套筒 Sleeve

| 訂貨編號 Order No. | 規 格 Model | 內徑 Inner | L | 鎢鋼柄 Carbide Shank | 淨重 N.W. |
|-------------------|--------------|-------------|----|----------------------|------------|
| 16081610 | C1610 | ø10 | | CM10-125L | 0.0360 |
| 16081612 | C1612 | ø12 | 40 | CM12-150L | 0.0264 |
| 16081614 | C1614 | ø14 | | CM14-185L | 0.0142 |

鎢鋼柄 Carbide Shank

| 訂貨編號 Order No. | 規 格 Model | 外徑 Outer | L2 | C導程螺帽 C-NUT | B螺絲 B-Bolt | 淨重 N.W. |
|-------------------|--------------|-------------|-----|----------------|---------------|------------|
| 50071012 | CM10-125L | ø10 | 125 | NUT6 | SLCS-M3 | 0.1282 |
| 50071215 | CM12-150L | ø12 | 150 | NUT7 | SLCS-M4 | 0.2244 |
| 50071418 | CM14-185L | ø14 | 185 | NUT7 | SLCS-M4 | 0.3818 |
| 50071619 | CM16-190L | ø16 | 190 | NUT9 | SLCS-M5 | 0.5006 |

MR (正搪) 和 MK (反搪) 搪孔刀座
MR and MK(Reverse) Cutting Insert Holder

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øMin-øMax | 刀座高度 W | 深度 WK | L | 鎢鋼柄 Carbide Shank | 套筒 Sleeve | 刀 片 Insert | 螺 絲 Bolt | 板手 Wrench | 淨 重 N.W. |
|-------------------|--------------|------------------------------------|-----------|----------|-----|----------------------|--------------|---------------|----------------|--------------|-------------|
| 50061114 | MR11 | 11-14 | 6 | 72 | 131 | CM10-125L | C1610 | CCGT0301..L | SB-1630TR-M1.6 | T6 | 0.002 |
| 50061317 | MR13 | 13-17 | 7 | 86 | 157 | CM12-150L | C1612 | CCGT0401..L | SB-2040TR-M2 | T6 | 0.003 |
| 50061723 | MR17 | 17-23 | | | 192 | CM14-185L | C1614 | | | | 0.005 |
| 50062026 | MR20 | 20-26 | 9 | 124 | 199 | CM16-190L | | CCGT0602..L | TS25-M2.5 | T8 | 0.006 |
| 50062329 | MR23 | 23-29 | | | | | | | | | 0.008 |
| 50062632 | MR26 | 26-32 | | | | | | | | | 0.009 |

| | | | | | | | | | | | | |
|----------|------|-------|----|---|-----|-----|-----------|-------|-------------|----------------|----|-------|
| 50051114 | MK11 | 11-14 | 7 | 6 | 59 | 132 | CM10-125L | C1610 | CCGT0301..R | SB-1630TR-M1.6 | T6 | 0.002 |
| 50051317 | MK13 | 13-17 | 8 | 7 | 72 | 158 | CM12-150L | C1612 | CCGT0401..R | SB-2040TR-M2 | T6 | 0.003 |
| 50051723 | MK17 | 17-23 | | | 193 | 199 | CM14-185L | C1614 | | | | 0.005 |
| 50052026 | MK20 | 20-26 | 10 | 9 | 115 | 200 | CM16-190L | | CCGT0602..R | | T8 | 0.007 |
| 50052329 | MK23 | 23-29 | | | | | | | TS25-M2.5 | | | 0.009 |
| 50052632 | MK26 | 26-32 | | | | | | | | | | 0.011 |

H•NBJ16P

小徑精搪孔系統－菱形
Small Diameter for Rhombus Boring System

整組SET G2.5 12000rpm ø11~ø68



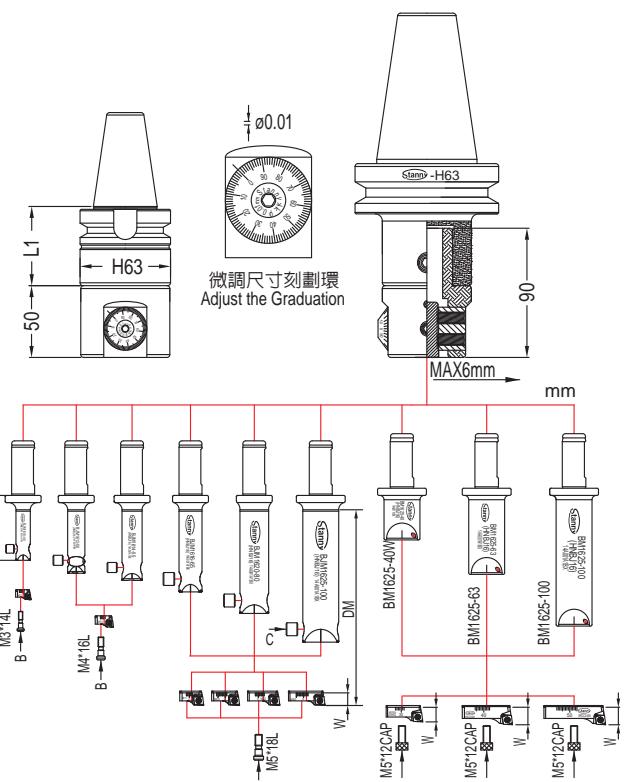
| 訂貨編號 Order No. | 規 格 Model | 範 圍D Boring Range øDMin-øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W. |
|-------------------|---------------|-------------------------------------|---------------------------|----|------------|
| 16811410JM | BT40-HNBJ16P | 11-68 | MAS403 BT40-H63-55 | 55 | 8.50 |
| 16811510JM | BT50-HNBJ16P | 11-68 | MAS403 BT50-H63-65 | 65 | 11.05 |
| 16811512JM | BT50-HNBJ16P | 11-68 | MAS403 BT50-H63-85 | 85 | 11.55 |
| 16812410JM | SK40-HNBJ16P | 11-68 | DIN69871A ISO40-H63-60 | 60 | 8.53 |
| 16812510JM | SK50-HNBJ16P | 11-68 | DIN69871A ISO50-H63-65 | 65 | 10.25 |
| 16814610JM | HSK63-HNBJ16P | 11-68 | DIN69893A HSK63-H63-67 | 67 | 8.38 |

接桿 Shank

| 訂貨編號 Order No. | 規 格 Model | X | 深度 DM | C導程螺帽 C-NUT | 螺絲 B-Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|--------------|-----|----------|----------------|--------------|--------------|------------|
| 16171004 | BJM1610-40 | 45 | 41 | NUT6 | SLCS-M3 | T8 | 0.12 |
| 16171205 | BJM1612-50 | 54 | 51 | NUT7 | SLCS-M4 | T15 | 0.14 |
| 16171405 | BJM1614-55 | 59 | 56 | | | | 0.16 |
| 16171606 | BJM1616-65 | 67 | 66 | | | | 0.19 |
| 16172008 | BJM1620-80 | 82 | 81 | NUT9 | SLCS-M5 | T25 | 0.27 |
| 16172510 | BJM1625-100 | 102 | 101 | | | | 0.46 |
| 16025040 | BM1625-40 | 36 | 40 | | | | 0.20 |
| 16025063 | BM1625-63 | 60 | 63 | | M5×12 | ◇ 4 | 0.29 |
| 16025100 | BM1625-100 | 96 | 100 | | | | 0.43 |

搪孔刀座 Cutting Insert Holder

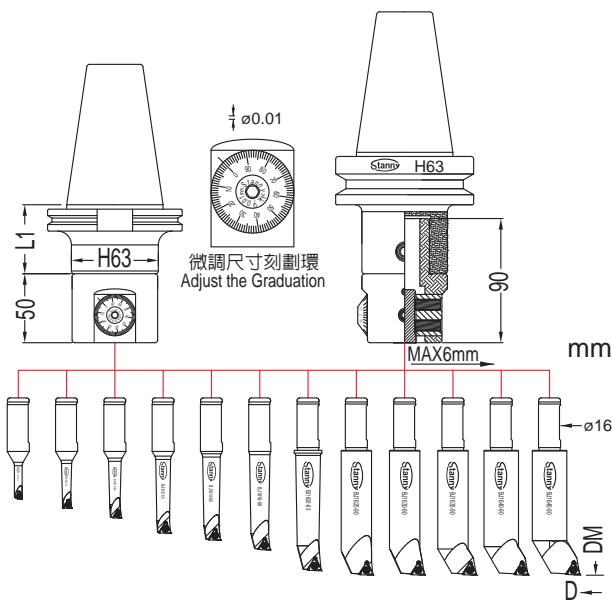
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 刀座高度 W | 接桿 Shank | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W |
|-------------------|--------------|--------------------------------------|-----------|--------------------------|--------------|----------------|--------------|-----------|
| 50061114 | MR11 | 11-14 | 6 | BJM1610-40 | CCGT0301..L | SB-1630TR-M1.6 | T6 | 0.002 |
| 50061317 | MR13 | 13-17 | 7 | BJM1612-50 BJM1614-55 | CCGT0401..L | SB-2040TR-M2 | | 0.003 |
| 50061723 | MR17 | 17-23 | 9 | BJM1616-65 | | | | 0.005 |
| 50062026 | MR20 | 20-26 | 9 | BJM1620-80 | | | | 0.006 |
| 50062329 | MR23 | 23-29 | 9 | BJM1625-100 | | | | 0.008 |
| 50062632 | MR26 | 26-32 | 9 | | CCGT0602..L | TS25-M2.5 | T8 | 0.009 |
| 50252938CC | SRCC2938 | 29-38 | 11 | BM1625-40 | | | | 0.010 |
| 50323652CC | SRCC3652 | 36-52 | 13 | BM1625-63 | | | | 0.020 |
| 50404468CC | SRCC4468 | 44-68 | 13 | BM1625-100 | | | | 0.030 |



H•NBJ16

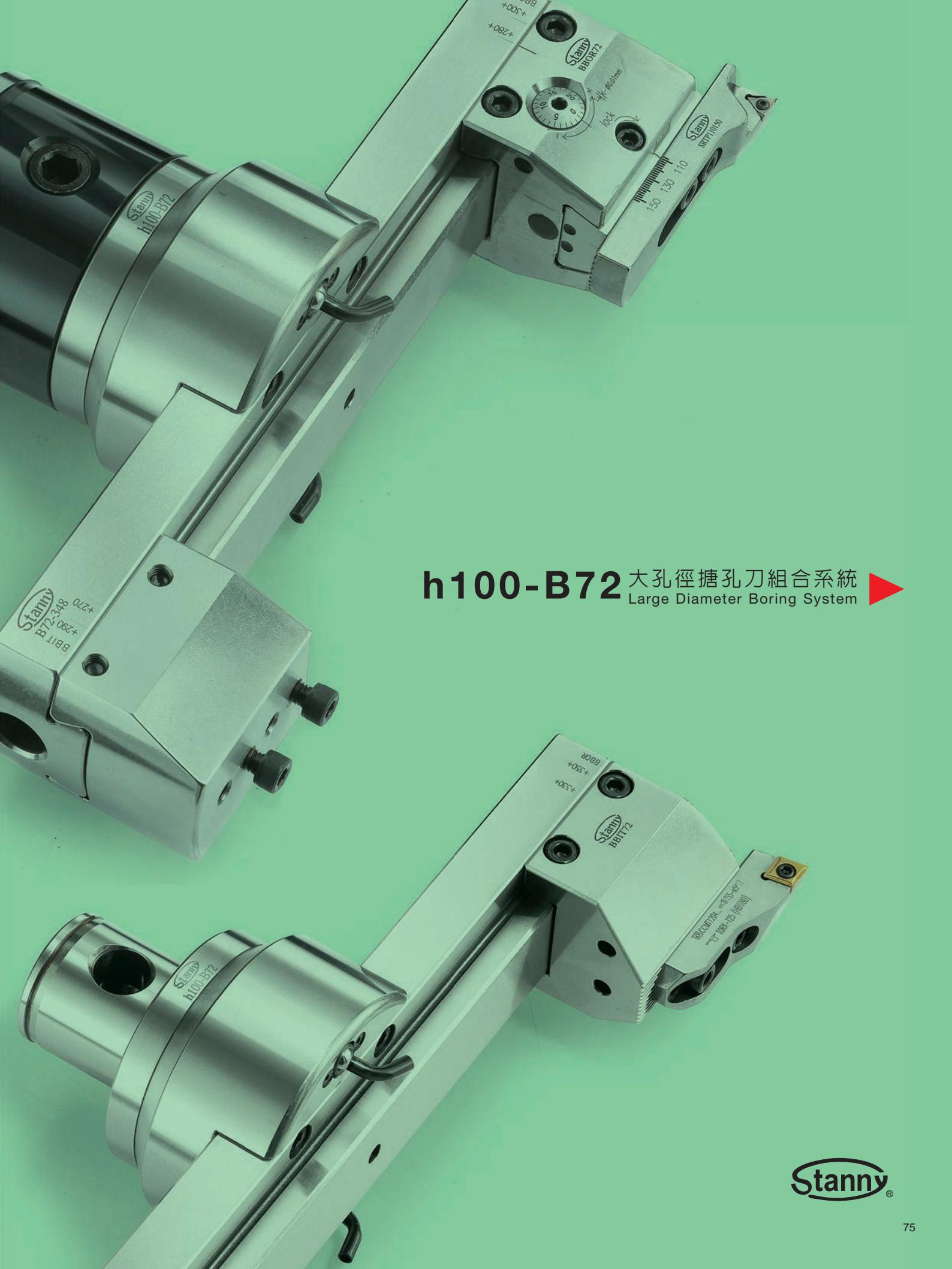
小徑精搪孔系統
Small Diameter Boring System

整組 SET ø6~ø51



| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 組合系統-主軸柄規格 Taper Shank | L1 | 淨重 N.W |
|-------------------|--------------|--------------------------------------|---------------------------|----|-----------|
| 16910410 | NT40-HNBJ16 | 6-51 | DIN2080 ISO40-H63-55 | 55 | 9.3 |
| 16910510 | NT50-HNBJ16 | 6-51 | DIN2080 ISO50-H63-65 | 65 | 11.2 |
| 16911410 | BT40-HNBJ16 | 6-51 | MAS403 BT40-H63-55 | 55 | 9.1 |
| 16911510 | BT50-HNBJ16 | 6-51 | MAS403 BT50-H63-65 | 65 | 11.7 |
| 16911512 | BT50-HNBJ16 | 6-51 | MAS403 BT50-H63-85 | 85 | 12.2 |
| 16912410 | SK40-HNBJ16 | 6-51 | DIN69871A ISO40-H63-60 | 60 | 9.1 |
| 16912510 | SK50-HNBJ16 | 6-51 | DIN69871A ISO50-H63-65 | 65 | 10.9 |
| 16914610 | HSK63-HNBJ16 | 6-51 | DIN69893A HSK63-H63-67 | 67 | 9.0 |

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | 深度 DM | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨重 N.W |
|-------------------|--------------|--------------------------------------|----------|---------------|-------------|---------------|-----------|
| 16010624 | BJ1606-24 | 6-9 | 24 | WBGT0601..L | | | 0.08 |
| 16010832 | BJ1608-32 | 8-11 | 32 | | TBGT0601..L | | 0.08 |
| 16011040 | BJ1610-40 | 10-13 | 40 | | | | 0.08 |
| 16011253 | BJ1612-53 | 12-15 | 53 | | | | 0.10 |
| 16011460 | BJ1614-60 | 14-17 | 60 | TPGH0902..L | SB-2TR-M2.5 | | 0.10 |
| 16011668 | BJ1616-68 | 16-21 | 68 | | | | 0.12 |
| 16012083 | BJ1620-83 | 20-26 | 83 | | | | 0.20 |
| 16012590 | BJ1625-90 | 25-31 | 90 | | | | 0.30 |
| 16013090 | BJ1630-90 | 30-36 | 90 | | | | 0.32 |
| 16013590 | BJ1635-90 | 35-41 | 90 | TPGH1103..L | SB-3TR-M3 | | 0.32 |
| 16014090 | BJ1640-90 | 40-46 | 90 | | | | 0.38 |
| 16014590 | BJ1645-90 | 45-51 | 90 | | | | 0.38 |



h100-B72 大孔徑搪孔刀組合系統

Large Diameter Boring System



Stanny®

h100-B72

大孔徑搪孔刀組合系統 Large Diameter Boring System

- 搪孔刀柄 Taper Shank
- 延長接桿 Extension Spacer

接盤 Adapter

變徑滑座 Plate

大孔徑粗搪孔刀本體 Large Diameter Body

粗搪孔刀座 Cutting Insert Holder

80°粗搪孔刀座 80° Cutting Insert Holder

45°正反倒角粗搪孔刀座 45° Chamfer Cutting Insert Holder

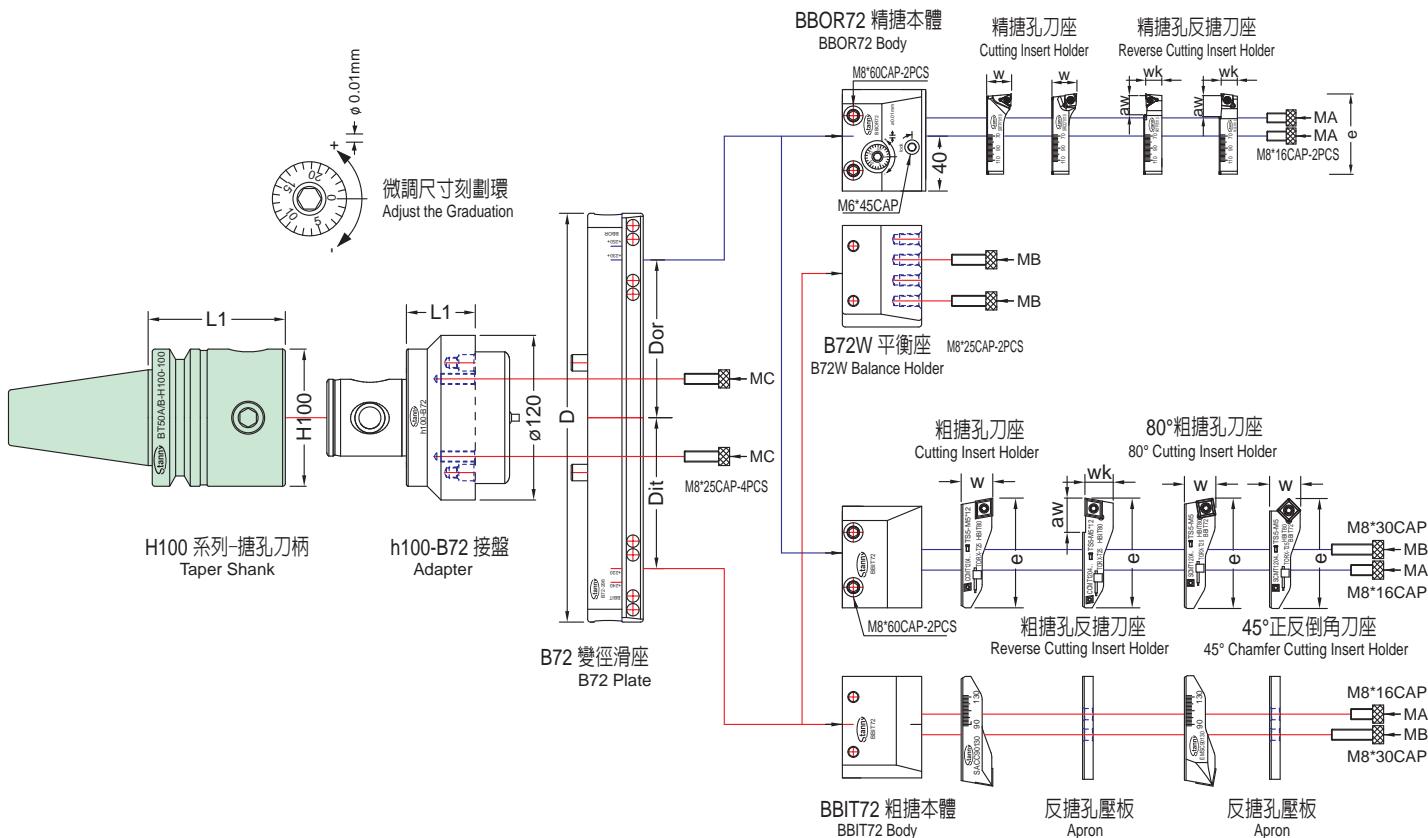
粗搪孔反搪刀座 Reverse Cutting Insert Holder

大孔徑精搪孔刀本體 Large Diameter Body

平衡座 Balance Holder

精搪孔刀座 Cutting Insert Holder

精搪孔反搪刀座 Reverse Cutting Insert Holder



BT50-H100-100

規格：請參閱P.19

Specification please refer to P.19



DIN69871A
ISO50-H100-100

規格：請參閱P.21

Specification please refer to P.21



h100H100-100

規格：請參閱P.24

Specification please refer to P.24

h100-B72

大孔徑搪孔刀組合系統 Large Diameter Boring System

搪孔刀柄 Taper Shank

延長接桿 Extension Spacer

接盤 Adapter

變徑滑座 Plate

大孔徑粗搪孔刀本體 Large Diameter Body

粗搪孔刀座 Cutting Insert Holder

80°粗搪孔刀座 80° Cutting Insert Holder

45°正反倒角粗搪孔刀座 45° Chamfer Cutting Insert Holder

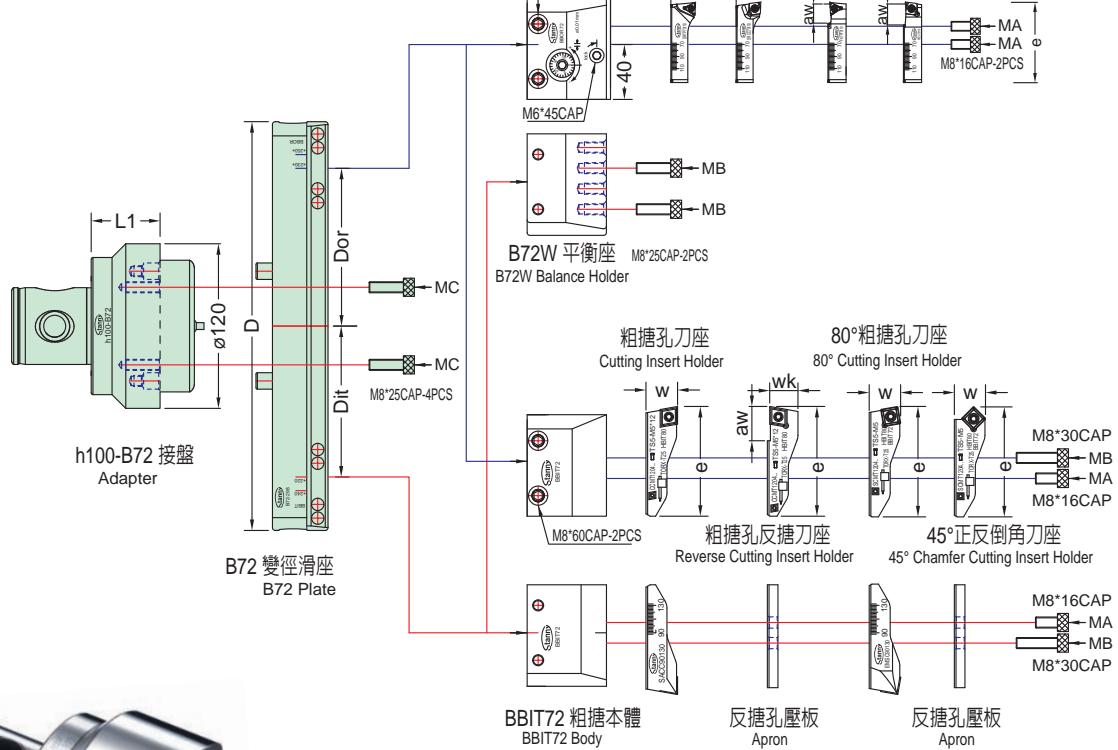
粗搪孔反搪刀座 Reverse Cutting Insert Holder

大孔徑精搪孔刀本體 Large Diameter Body

平衡座 Balance Holder

精搪孔刀座 Cutting Insert Holder

精搪孔反搪刀座 Reverse Cutting Insert Holder



h100-B72接盤
Adapter for B•BIT and B•BOR Large Diameter Boring System

| 訂貨編號 Order No. | 規 格 Model | L1 | MC螺絲 MC Bolt | 淨 重 N.W. |
|-------------------|--------------|----|-----------------|-------------|
| 41720000 | h100-B72 | 50 | M8x25-4PCS | 4.80 |



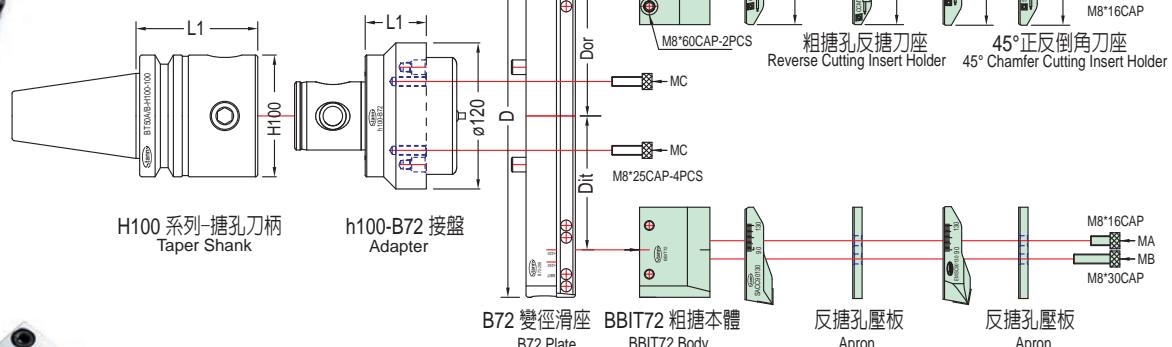
B72 變徑滑座
Plate for B•BIT and B•BOR Large Diameter Boring System

| 訂貨編號 Order No. | 規 格 Model | 長 度 D | BBOR Dor | BBIT Dit | 淨 重 N.W. |
|-------------------|--------------|----------|----------|----------|-------------|
| 70172148 | B72-148 | 148 | 40 | 35 | 2.15 |
| 70272198 | B72-198 | 198 | 65 | 60 | 3.00 |
| 70372248 | B72-248 | 248 | 90 | 85 | 3.80 |
| 70472298 | B72-298 | 298 | 115 | 110 | 4.60 |
| 70572348 | B72-348 | 348 | 140 | 135 | 5.40 |
| 70672398 | B72-398 | 398 | 165 | 160 | 6.20 |

註:變徑滑座設有兩組測孔,相距10mm,可增加 $\phi 20$ mm搪孔範圍,使搪孔範圍更附彈性。
Remark : Plate has four holes, distance 10mm and the boring range increase $\phi 20$ mm.

h100-B72

大孔徑搪孔刀組合系統 Large Diameter Boring System



B • BIT72 大孔徑粗搪孔本體
Body for Large Diameter Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 規格 Model | 移動量 Mobile | MA Bolt | MB Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|---------------|------------|------------|--------------|------------|
| 70007372 | BBIT72 | 20 | M8x16 | M8x30 | ◇ 4 ◇ 6 | 1.44 |



B • BIT72 粗搪孔刀座
Cutting Insert Holder for B • BIT Large Diameter Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 規格 Model | W | e | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|------|------|--------------|------------|--------------|------------|
| 30809013A | SACC90130 | | 79.5 | | | | 0.17 |
| 30809013B | SBCC90130 | | 99.5 | | | | 0.18 |
| 30813017A | SACC130170 | 22.6 | | CCMT1204.. | TS5-M5 | T25 | 0.23 |
| 30813017B | SBCC130170 | | | | | | 0.24 |



B • BIT72 粗搪孔反搪刀座
Reverse Cutting Insert Holder for B • BIT Large Diameter Adjustable Single Cutter Roughing

| 訂貨編號 Order No. | 規格 Model | aw | wk | e | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|----|----|------|--------------|------------|--------------|------------|
| 30809013K | RKCC90130 | 22 | 22 | 79.5 | CCMT1204.. | TS5-M5 | T25 | 0.18 |
| 30813017K | RKCC130170 | 44 | 22 | 99.5 | CCMT1204.. | TS5-M5 | T25 | 0.25 |



B • BIT72 80°粗搪孔刀座
80° Cutting Insert Holder for B • BIT Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 規格 Model | W | e | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|------|-------|--------------|------------|--------------|------------|
| 30809013M | EMSC90130 | | 80.5 | | | | 0.17 |
| 30813017M | EMSC130170 | 23.1 | 100.5 | SCMT1204.. | TS5-M5 | T25 | 0.23 |



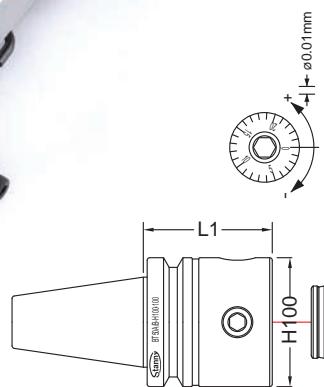
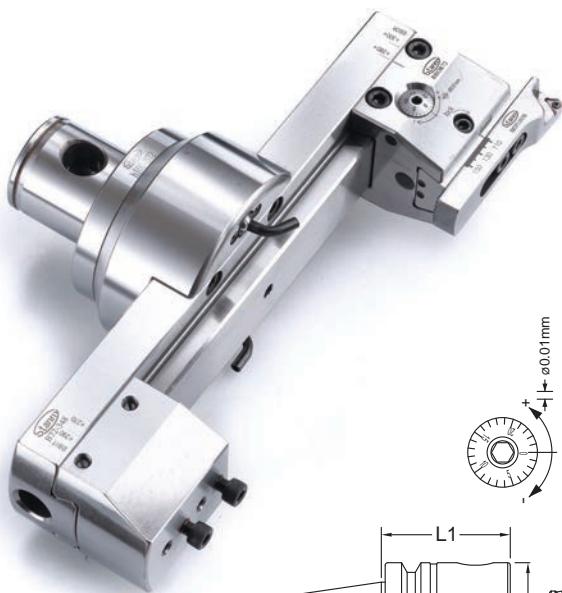
B • BIT72 45°正反倒角粗搪孔刀座
45° Chamfer Cutting Insert Holder for B • BIT Adjustable Single Cutter Roughing

| 訂貨編號 Order No. | 規格 Model | W | e | 刀片 Insert | 螺絲 Bolt | 板手 Wrench | 淨重 N.W. |
|-------------------|-------------|------|-------|--------------|------------|--------------|------------|
| 30809013W | IWSC90130 | | 80.5 | | | | 0.16 |
| 30813017W | IWSC130170 | 23.1 | 100.5 | SCMT1204.. | TS5-M5 | T25 | 0.22 |

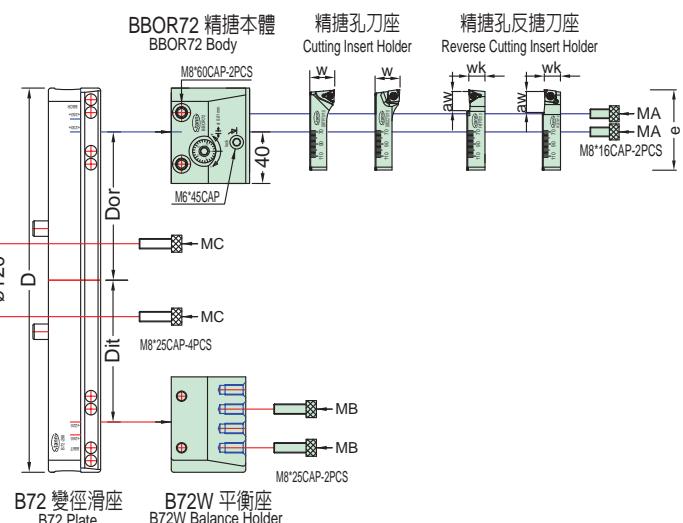


h100-B72

大孔徑搪孔刀組合系統 Large Diameter Boring System

H100 系列-搪孔刀柄
Taper Shankh100-B72 接盤
Adapter

- 搪孔刀柄 Taper Shank**
長延接桿 Extension Spacer
接盤 Adapter
變徑滑座 Plate
- 大孔徑精搪孔刀本體 Large Diameter Body
 - 平衡座 Balance Holder
 - 精搪孔刀座 Cutting Insert Holder
 - 菱形精搪孔刀座 Rhombus Cutting Insert Holder
 - 精搪孔反搪刀座 Reverse Cutting Insert Holder
 - 菱形精搪孔反搪刀座 Rhombus Reverse Cutting Insert Holder


B • BOR72 大孔徑微調精搪孔本體+B72W平衡座
Body and Balance Holder for Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | 移動量 Mobile | MA Bolt | MB Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|---------------|------------|------------|---------------|-------------|
| 70007572 | BBOR72 | 28.5 | M8x16 | | ◇ 5 ◇ 6 | 1.65 |
| 70007472 | B72W | | | M8x25 | | 1.59 |


B • BOR72 精搪孔刀座
Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | W | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|-----|---------------|-------------|---------------|-------------|
| 50637011 | SRTP70110 | 20 | 66 | TPGH1103..L | SB-3TR-M3 | T8 | 0.10 |
| 50637115 | SRTP110150 | 20 | 106 | | | | 0.21 |


B • BOR72 菱形精搪孔刀座
Rhombus Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | W | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|-----|---------------|-------------|---------------|-------------|
| 50637011CC | SRCC70110 | 20 | 67 | CCGT09T3..L | TS4-M4 | T15 | 0.10 |
| 50637115CC | SRCC110150 | 20 | 107 | | | | 0.20 |


B • BOR72 精搪孔反搪刀座
Reverse Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | aw | wk | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|----|-----|---------------|-------------|---------------|-------------|
| 50637011K | FKTP70110 | 16 | 15 | 66 | TPGH1103..R | SB-3TR-M3 | T8 | 0.10 |
| 50637115K | FKTP110150 | 25 | 15 | 106 | | | | 0.21 |


B • BOR72 菱形精搪孔反搪刀座
Rhombus Reverse Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | aw | wk | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|----|-----|---------------|-------------|---------------|-------------|
| 50637011KC | FKCC70110 | 16 | 15 | 67 | CCGT09T3..R | TS4-M4 | T15 | 0.10 |
| 50637115KC | FKCC110150 | 28 | 15 | 107 | | | | 0.20 |

搪孔刀柄、接盤、變徑滑座、大孔徑粗搪孔刀本體、粗搪孔刀座
Taper Shank, Adapter, Plate, Large Diameter Body and Cutting Insert Holder

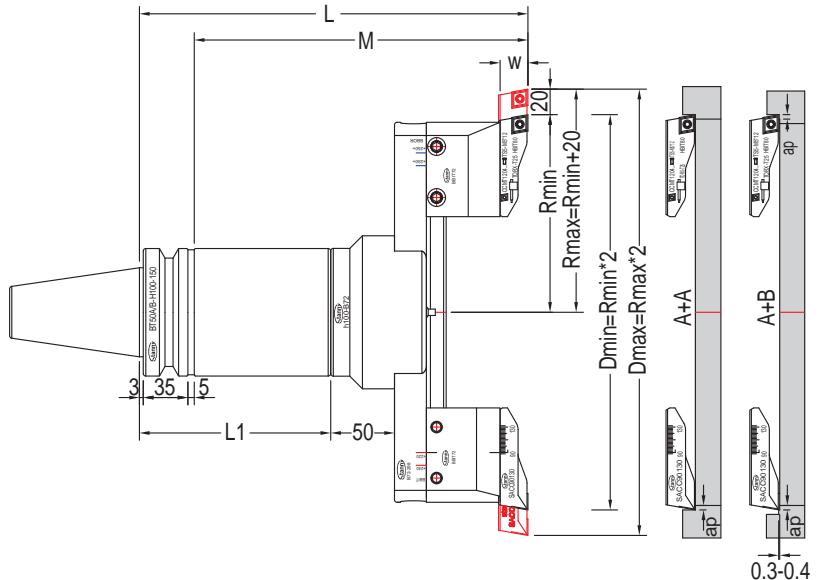


整支 SET

MAS403 BT 和 B•BIT72 大孔徑雙刃粗搪孔刀(AB type)

MAS403 BT and B•BIT72 Large Diameter Adjustable Twin Cutter Roughing and Semi-Finishing Boring System

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range øDMin-øDMax | M | L | 大孔徑粗搪孔系統組合 Large Diameter Adjustable Twin Cutter Boring System | | | | | 淨 重 N.W. |
|-------------------|--------------------|--------------------------------------|-----|-----|---|---------|-------|-------------|-----------------------|--|
| | | | | | Taper Shank | Adapter | Plate | Boring Head | Cutting Insert Holder | |
| 83101520AB | BT50-BBIT72-202 AB | 160-220 | 202 | 245 | BT50-H100-100 | B72-148 | | | | 16.13 16.98 17.78 18.58 19.38 20.18 16.25 17.10 17.90 18.70 19.50 20.30 18.78 19.63 20.43 21.23 22.03 22.83 18.90 19.75 20.55 21.35 22.15 22.95 21.73 22.58 23.38 24.18 24.98 25.78 21.85 22.70 23.50 24.30 25.10 25.90 |
| 83201520AB | BT50-BBIT72-202 AB | 210-270 | | | | B72-198 | | | | |
| 83301520AB | BT50-BBIT72-202 AB | 260-320 | | | | B72-248 | | | | |
| 83401520AB | BT50-BBIT72-202 AB | 310-370 | | | | B72-298 | | | | |
| 83501520AB | BT50-BBIT72-202 AB | 360-420 | | | | B72-348 | | | | |
| 83601520AB | BT50-BBIT72-202 AB | 410-470 | | | | B72-398 | | | | |
| 83111520AB | BT50-BBIT72-202 AB | 200-260 | | | | B72-148 | | | | |
| 83211520AB | BT50-BBIT72-202 AB | 250-310 | | | | B72-198 | | | | |
| 83311520AB | BT50-BBIT72-202 AB | 300-360 | | | | B72-248 | | | | |
| 83411520AB | BT50-BBIT72-202 AB | 350-410 | | | | B72-298 | | | | |
| 83511520AB | BT50-BBIT72-202 AB | 400-460 | | | | B72-348 | | | | |
| 83611520AB | BT50-BBIT72-202 AB | 450-510 | | | | B72-398 | | | | |
| 83101525AB | BT50-BBIT72-252 AB | 160-220 | 252 | 295 | BT50-H100-150 | B72-148 | | | | 18.78 19.63 20.43 21.23 22.03 22.83 18.90 19.75 20.55 21.35 22.15 22.95 21.73 22.58 23.38 24.18 24.98 25.78 21.85 22.70 23.50 24.30 25.10 25.90 |
| 83201525AB | BT50-BBIT72-252 AB | 210-270 | | | | B72-198 | | | | |
| 83301525AB | BT50-BBIT72-252 AB | 260-320 | | | | B72-248 | | | | |
| 83401525AB | BT50-BBIT72-252 AB | 310-370 | | | | B72-298 | | | | |
| 83501525AB | BT50-BBIT72-252 AB | 360-420 | | | | B72-348 | | | | |
| 83601525AB | BT50-BBIT72-252 AB | 410-470 | | | | B72-398 | | | | |
| 83111525AB | BT50-BBIT72-252 AB | 200-260 | | | | B72-148 | | | | |
| 83211525AB | BT50-BBIT72-252 AB | 250-310 | | | | B72-198 | | | | |
| 83311525AB | BT50-BBIT72-252 AB | 300-360 | | | | B72-248 | | | | |
| 83411525AB | BT50-BBIT72-252 AB | 350-410 | | | | B72-298 | | | | |
| 83511525AB | BT50-BBIT72-252 AB | 400-460 | | | | B72-348 | | | | |
| 83611525AB | BT50-BBIT72-252 AB | 450-510 | | | | B72-398 | | | | |
| 83101530AB | BT50-BBIT72-302 AB | 160-220 | 302 | 345 | BT50-H100-200 | B72-148 | | | | 21.73 22.58 23.38 24.18 24.98 25.78 21.85 22.70 23.50 24.30 25.10 25.90 |
| 83201530AB | BT50-BBIT72-302 AB | 210-270 | | | | B72-198 | | | | |
| 83301530AB | BT50-BBIT72-302 AB | 260-320 | | | | B72-248 | | | | |
| 83401530AB | BT50-BBIT72-302 AB | 310-370 | | | | B72-298 | | | | |
| 83501530AB | BT50-BBIT72-302 AB | 360-420 | | | | B72-348 | | | | |
| 83601530AB | BT50-BBIT72-302 AB | 410-470 | | | | B72-398 | | | | |
| 83111530AB | BT50-BBIT72-302 AB | 200-260 | | | | B72-148 | | | | |
| 83211530AB | BT50-BBIT72-302 AB | 250-310 | | | | B72-198 | | | | |
| 83311530AB | BT50-BBIT72-302 AB | 300-360 | | | | B72-248 | | | | |
| 83411530AB | BT50-BBIT72-302 AB | 350-410 | | | | B72-298 | | | | |
| 83511530AB | BT50-BBIT72-302 AB | 400-460 | | | | B72-348 | | | | |
| 83611530AB | BT50-BBIT72-302 AB | 450-510 | | | | B72-398 | | | | |



| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range $\phi D_{\text{Min}}-\phi D_{\text{Max}}$ | M | L | 大孔徑粗搪孔系統組合 Large Diameter Adjustable Twin Cutter Boring System | | | | 淨 重 N.W. |
|-------------------|--------------------|--|-----|-----|---|---------|-------|-------------|-----------------------|
| | | | | | Taper Shank | Adapter | Plate | Boring Head | Cutting Insert Holder |
| 83101535AB | BT50-BBIT72-352 AB | 160-220 | | | B72-148 | | | | 24.68 |
| 83201535AB | BT50-BBIT72-352 AB | 210-270 | | | B72-198 | | | | 25.53 |
| 83301535AB | BT50-BBIT72-352 AB | 260-320 | | | B72-248 | | | | 26.33 |
| 83401535AB | BT50-BBIT72-352 AB | 310-370 | | | B72-298 | | | | 27.13 |
| 83501535AB | BT50-BBIT72-352 AB | 360-420 | | | B72-348 | | | | 27.93 |
| 83601535AB | BT50-BBIT72-352 AB | 410-470 | | | B72-398 | | | | 28.73 |
| 83111535AB | BT50-BBIT72-352 AB | 200-260 | 352 | 395 | B72-148 | | | | 24.80 |
| 83211535AB | BT50-BBIT72-352 AB | 250-310 | | | B72-198 | | | | 25.65 |
| 83311535AB | BT50-BBIT72-352 AB | 300-360 | | | B72-248 | | | | 26.45 |
| 83411535AB | BT50-BBIT72-352 AB | 350-410 | | | B72-298 | | | | 27.25 |
| 83511535AB | BT50-BBIT72-352 AB | 400-460 | | | B72-348 | | | | 28.05 |
| 83611535AB | BT50-BBIT72-352 AB | 450-510 | | | B72-398 | | | | 28.85 |

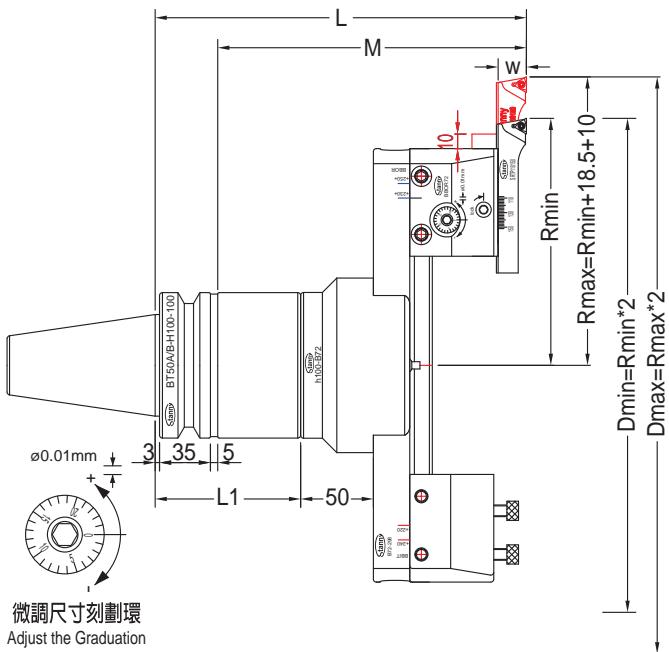
B•BOR72

**大孔徑微調精搪孔刀組合系統
Large Diameter Finishing Cutter Fine Boring System**

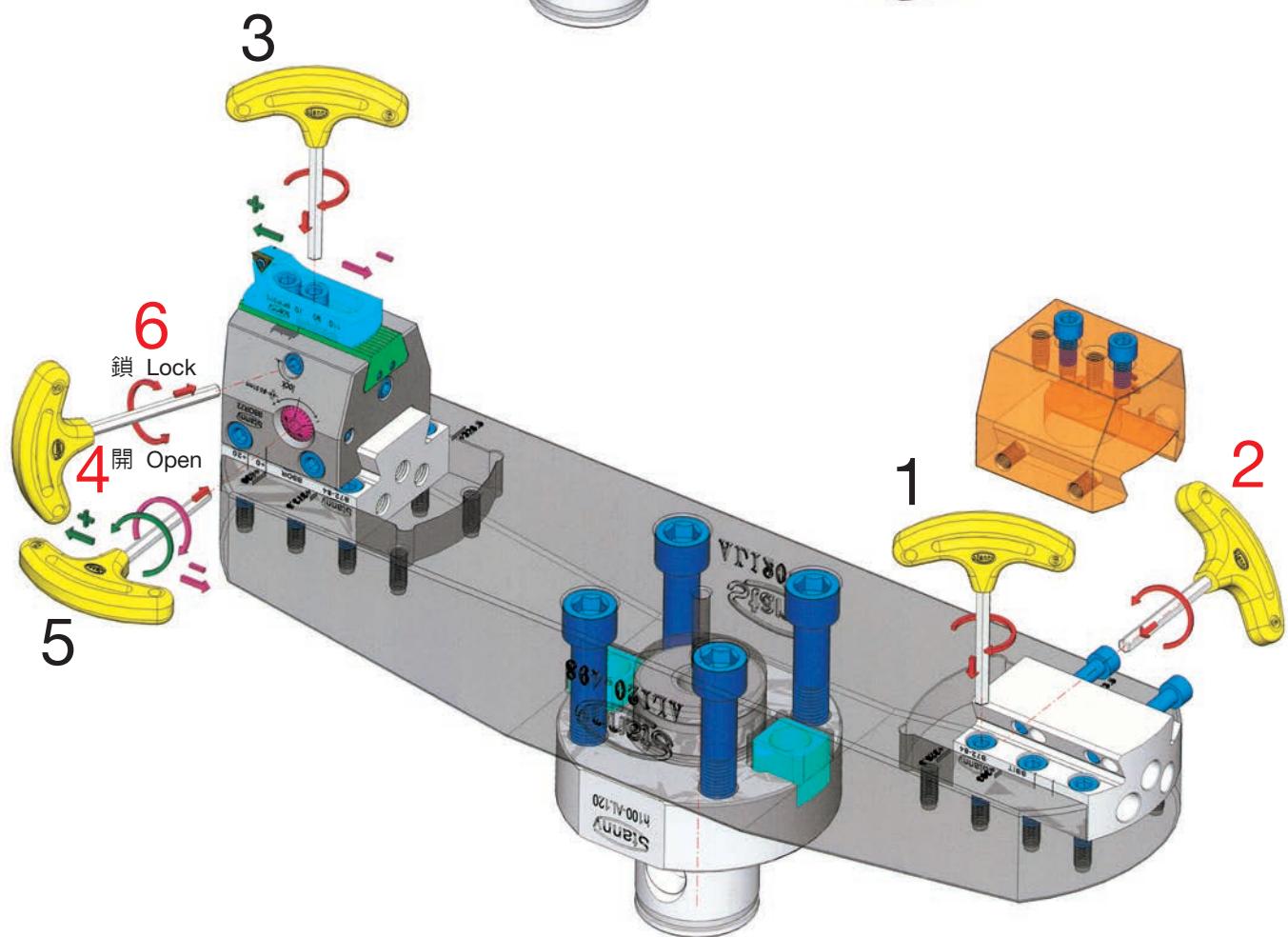
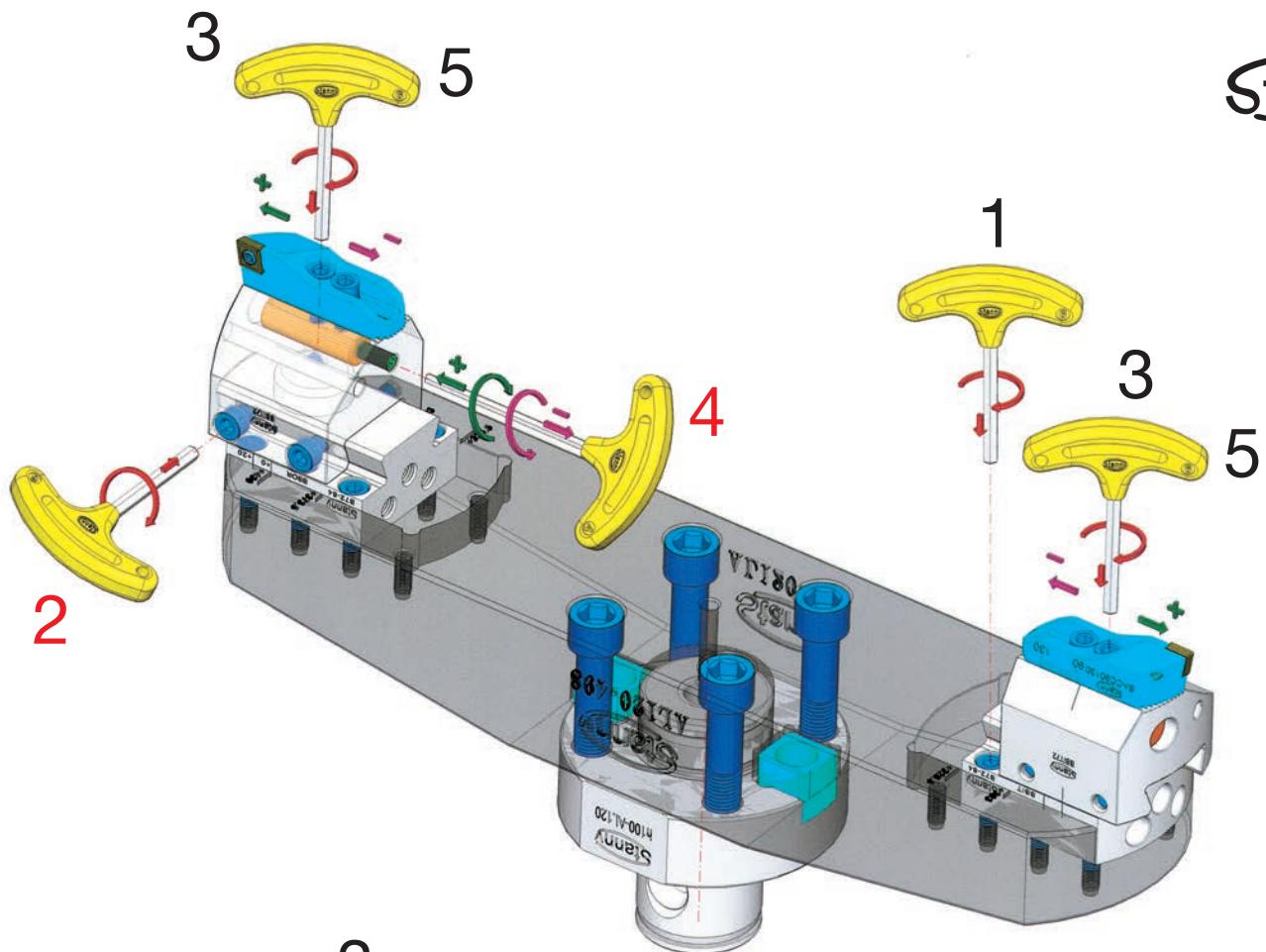
搪孔刀柄、接盤、變徑滑座、大孔徑精搪孔刀本體、平衡座、精搪孔刀座
Taper Shank, Adapter, Plate, Large Diameter Body, Balance Holder
and Cutting Insert Holder

**整支 SET****MAS403 BT 和 B•BOR72 大孔徑微調精搪孔刀****MAS403 BT and B•BOR72 Large Diameter Finishing Cutter Fine Boring System**

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range $\varnothing D_{\min} - \varnothing D_{\max}$ | M | L | 大孔徑精搪孔系統組合 Large Diameter Finishing Cutter Fine Boring System | | | | | 淨 重 N.W. |
|-------------------|-----------------|--|----------|---------|--|----------|----------------|-------------|-----------------------|-------------|
| | | | | | Taper Shank | Adapter | Plate | Boring Head | Cutting Insert Holder | |
| 85101520 | BT50-BBOR72-202 | M 150-227 | 202 | 245 | BT50-H100-100 | | | B72-148 | SRTP70110 | 16.24 |
| 85201520 | BT50-BBOR72-202 | M 200-277 | | | | | | B72-198 | | 17.09 |
| 85301520 | BT50-BBOR72-202 | M 250-327 | | | | | | B72-248 | | 17.89 |
| 85401520 | BT50-BBOR72-202 | M 300-377 | | | | | | B72-298 | | 18.69 |
| 85501520 | BT50-BBOR72-202 | M 350-427 | | | | | | B72-348 | | 19.49 |
| 85601520 | BT50-BBOR72-202 | M 400-477 | | | | | | B72-398 | | 20.29 |
| 85111520 | BT50-BBOR72-202 | M 190-267 | | | | | | B72-148 | | 16.35 |
| 85211520 | BT50-BBOR72-202 | M 240-317 | | | | | | B72-198 | | 17.20 |
| 85311520 | BT50-BBOR72-202 | M 290-367 | | | | | | B72-248 | | 18.00 |
| 85411520 | BT50-BBOR72-202 | M 340-417 | | | | | | B72-298 | | 18.80 |
| 85511520 | BT50-BBOR72-202 | M 390-467 | 252 | 295 | BT50-H100-150 | h100-B72 | BBOR72 B72W | B72-348 | SRTP11050 | 19.60 |
| 85611520 | BT50-BBOR72-202 | M 440-517 | | | | | | B72-398 | | 20.40 |
| 85101525 | BT50-BBOR72-252 | M 150-227 | | | | | | B72-148 | | 18.89 |
| 85201525 | BT50-BBOR72-252 | M 200-277 | | | | | | B72-198 | | 19.74 |
| 85301525 | BT50-BBOR72-252 | M 250-327 | | | | | | B72-248 | | 20.54 |
| 85401525 | BT50-BBOR72-252 | M 300-377 | | | | | | B72-298 | | 21.34 |
| 85501525 | BT50-BBOR72-252 | M 350-427 | | | | | | B72-348 | | 22.14 |
| 85601525 | BT50-BBOR72-252 | M 400-477 | | | | | | B72-398 | | 22.94 |
| 85111525 | BT50-BBOR72-252 | M 190-267 | | | | | | B72-148 | | 19.00 |
| 85211525 | BT50-BBOR72-252 | M 240-317 | | | | | | B72-198 | | 19.85 |
| 85311525 | BT50-BBOR72-252 | M 290-367 | 302 | 345 | BT50-H100-200 | | BBOR72 B72W | B72-248 | SRTP11050 | 20.65 |
| 85411525 | BT50-BBOR72-252 | M 340-417 | | | | | | B72-298 | | 21.45 |
| 85511525 | BT50-BBOR72-252 | M 390-467 | | | | | | B72-348 | | 22.25 |
| 85611525 | BT50-BBOR72-252 | M 440-517 | | | | | | B72-398 | | 23.05 |
| 85101530 | BT50-BBOR72-302 | M 150-227 | | | | | | B72-148 | | 21.84 |
| 85201530 | BT50-BBOR72-302 | M 200-277 | | | | | | B72-198 | | 22.69 |
| 85301530 | BT50-BBOR72-302 | M 250-327 | | | | | | B72-248 | | 23.49 |
| 85401530 | BT50-BBOR72-302 | M 300-377 | | | | | | B72-298 | | 24.29 |
| 85501530 | BT50-BBOR72-302 | M 350-427 | | | | | | B72-348 | | 25.09 |
| 85601530 | BT50-BBOR72-302 | M 400-477 | | | | | | B72-398 | | 25.89 |
| 85111530 | BT50-BBOR72-302 | M 190-267 | 85211530 | 240-317 | BT50-H100-200 | | BBOR72 B72W | B72-148 | SRTP11050 | 21.95 |
| 85211530 | BT50-BBOR72-302 | M 240-317 | | | | | | B72-198 | | 22.80 |
| 85311530 | BT50-BBOR72-302 | M 290-367 | | | | | | B72-248 | | 23.60 |
| 85411530 | BT50-BBOR72-302 | M 340-417 | | | | | | B72-298 | | 24.40 |
| 85511530 | BT50-BBOR72-302 | M 390-467 | | | | | | B72-348 | | 25.20 |
| 85611530 | BT50-BBOR72-302 | M 440-517 | | | | | | B72-398 | | 26.00 |



| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range $\phi D_{\text{Min}} - \phi D_{\text{Max}}$ | M | L | 大孔徑精搪孔系統組合 Large Diameter Finishing Cutter Fine Boring System | | | | | 淨 重 N.W. |
|-------------------|-----------------|--|-----|-----|--|----------------|---------------|--------------------------|--------------------------------|-------------|
| | | | | | 搪孔刀柄 Taper Shank | 接 盤 Adapter | 變徑滑座 Plate | 大孔徑精搪孔刀本體 Boring Head | 精搪孔刀座 Cutting Insert Holder | |
| 85101535 | BT50-BBOR72-352 | M 150-227 | | | B72-148 | | | | | 24.79 |
| 85201535 | BT50-BBOR72-352 | M 200-277 | | | B72-198 | | | | | 25.64 |
| 85301535 | BT50-BBOR72-352 | M 250-327 | | | B72-248 | | | | | 26.44 |
| 85401535 | BT50-BBOR72-352 | M 300-377 | | | B72-298 | | | | | 27.24 |
| 85501535 | BT50-BBOR72-352 | M 350-427 | | | B72-348 | | | | | 28.04 |
| 85601535 | BT50-BBOR72-352 | M 400-477 | | | B72-398 | | | | | 28.84 |
| 85111535 | BT50-BBOR72-352 | M 190-267 | 352 | 395 | B72-148 | BBOR72 B72W | | | | 24.90 |
| 85211535 | BT50-BBOR72-352 | M 240-317 | | | B72-198 | | | | | 25.75 |
| 85311535 | BT50-BBOR72-352 | M 290-367 | | | B72-248 | | | | | 26.55 |
| 85411535 | BT50-BBOR72-352 | M 340-417 | | | B72-298 | | | | | 27.35 |
| 85511535 | BT50-BBOR72-352 | M 390-467 | | | B72-348 | | | | | 28.15 |
| 85611535 | BT50-BBOR72-352 | M 440-517 | | | B72-398 | | | | | 28.95 |





h100-AL120 大孔徑搪孔刀組合系統

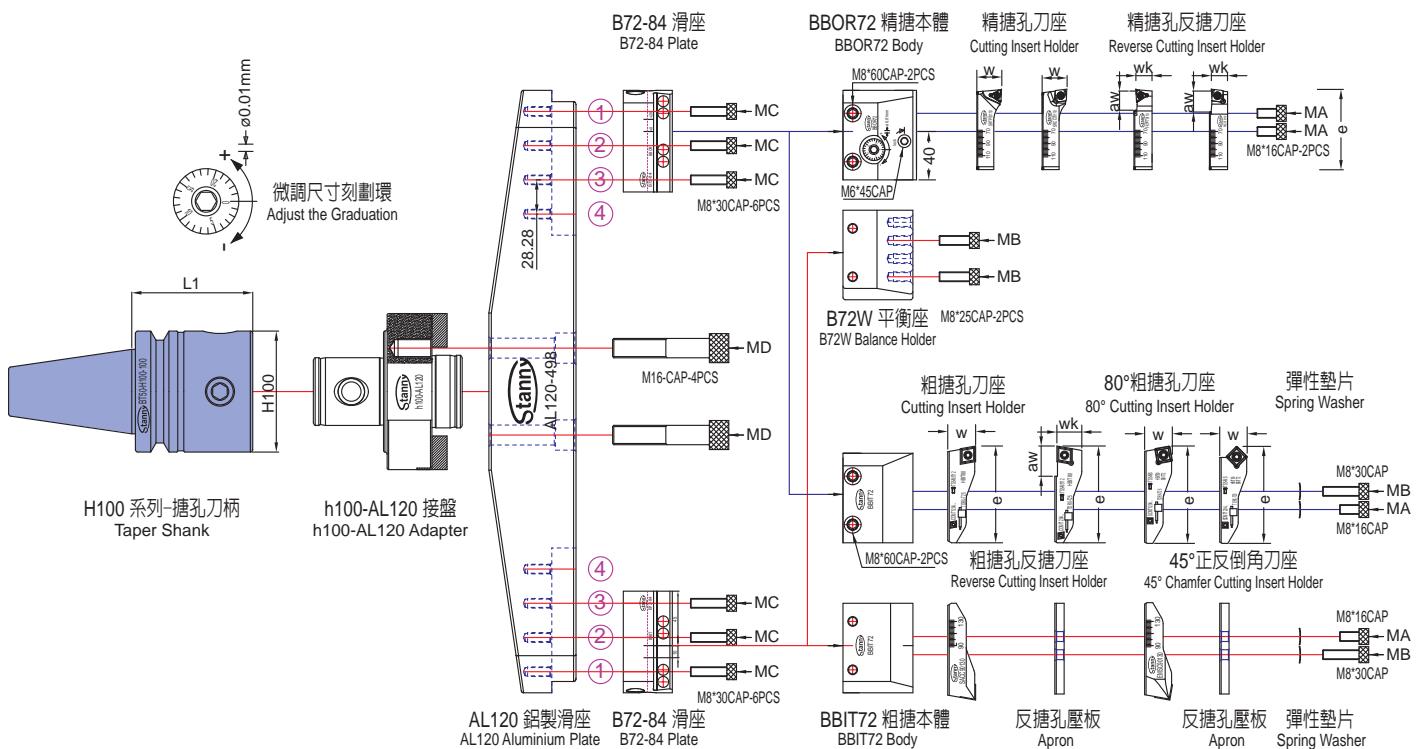
Large Diameter Boring System



h100-AL120

大孔徑搪孔刀組合系統 Large Diameter Boring System

- 搪孔刀柄 Taper Shank
- 延長接桿 Extension Spacer
- 接盤 Adapter
- 鋁製滑座 Aluminium Plate
- 滑座 Plate
- 大孔徑粗搪孔刀本體 Large Diameter Body
- 粗搪孔刀座 Cutting Insert Holder
- 80°粗搪孔刀座 80° Cutting Insert Holder
- 45°正反倒角粗搪孔刀座 45° Chamfer Cutting Insert Holder
- 粗搪孔反搪刀座 Reverse Cutting Insert Holder
- 大孔徑精搪孔刀本體 Large Diameter Body
- 平衡座 Balance Holder
- 精搪孔刀座 Cutting Insert Holder
- 菱形精搪孔刀座 Rhombus Cutting Insert Holder
- 精搪孔反搪刀座 Reverse Cutting Insert Holder
- 菱形精搪孔反搪刀座 Rhombus Reverse Cutting Insert Holder



BT50-H100-100

規格：請參閱P.19

Specification please refer to P.19



DIN69871A

ISO50-H100-100

規格：請參閱P.21

Specification please refer to P.21



h100H100-100

規格：請參閱P.24

Specification please refer to P.24

h100-AL120

大孔徑搪孔刀組合系統 Large Diameter Boring System

搪孔刀柄 Taper Shank
延長接桿 Extension Spacer

■ 接盤 Adapter
■ 鋁製滑座 Aluminium Plate

■ 滑座 Plate
大孔徑粗搪孔刀本體 Large Diameter Body
粗搪孔刀座 Cutting Insert Holder
80°粗搪孔刀座 80° Cutting Insert Holder

45°正反倒角粗搪孔刀座 45° Chamfer Cutting Insert Holder

粗搪孔反搪刀座 Reverse Cutting Insert Holder

大孔徑精搪孔刀本體 Large Diameter Body

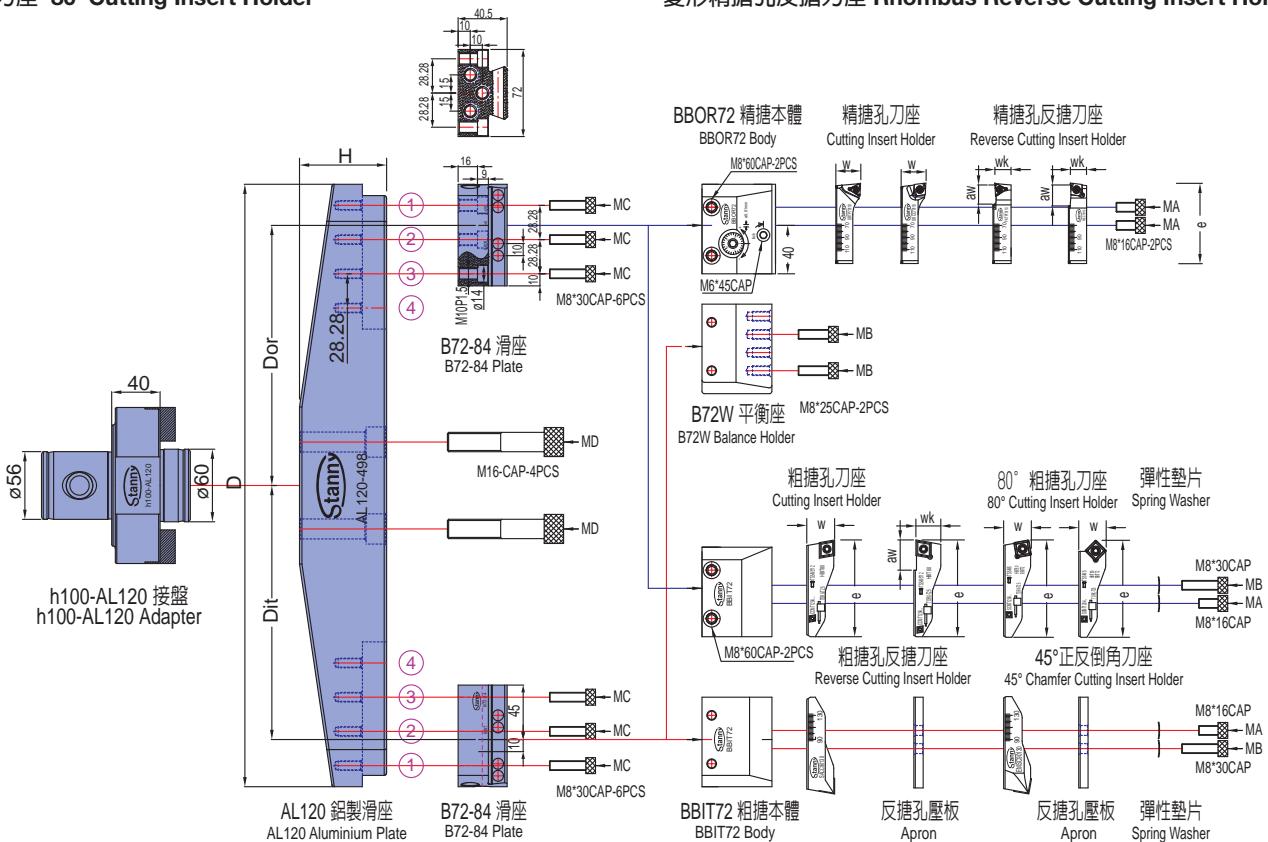
平衡座 Balance Holder

精搪孔刀座 Cutting Insert Holder

菱形精搪孔刀座 Rhombus Cutting Insert Holder

精搪孔反搪刀座 Reverse Cutting Insert Holder

菱形精搪孔反搪刀座 Rhombus Reverse Cutting Insert Holder



h100-AL120接盤
Adapter for B•BIT and B•BOR Large Diameter Boring System

| 訂貨編號 Order No. | 規 格 Model | 淨 重 N.W. |
|-------------------|--------------|-------------|
| 41120000 | h100-AL120 | 5.00 |



AL120 鋁製滑座
Aluminium Plate for B•BIT and B•BOR Large Diameter Boring System

| 訂貨編號 Order No. | 規 格 Model | H | BBOR Dor | BBIT Dit | MD | MC | 淨 重 N.W. |
|-------------------|--------------|----|----------|----------|--------------|-------------|-------------|
| 70720398 | AL120-398 | 67 | 165 | 160 | M16×75-4PCS | M8×30-12PCS | 6.36 |
| 70720498 | AL120-498 | 72 | 215 | 210 | M16×80-4PCS | M8×30-12PCS | 8.76 |
| 70720598 | AL120-598 | 77 | 265 | 260 | M16×85-4PCS | M8×30-12PCS | 11.27 |
| 70720698 | AL120-698 | 82 | 315 | 310 | M16×90-4PCS | M8×30-12PCS | 13.77 |
| 70720798 | AL120-798 | 87 | 365 | 360 | M16×95-4PCS | M8×30-12PCS | 16.87 |
| 70720898 | AL120-898 | 92 | 415 | 410 | M16×100-4PCS | M8×30-12PCS | 19.92 |
| 70720998 | AL120-998 | 97 | 465 | 460 | M16×105-4PCS | M8×30-12PCS | 23.07 |

註:鋁製變徑滑座設有兩組M8孔,相距28.28mm,可增加ø56.5mm搪孔範圍,使搪孔範圍更附彈性。
Remark : Aluminium Plate has M8 holes, distance 28.28mm and the boring range increase ø56.5mm.



B72-84滑座
Plate for B•BIT and B•BOR Large Diameter Boring System

| 訂貨編號 Order No. | 規 格 Model | 淨 重 N.W. |
|-------------------|--------------|-------------|
| 70072084 | B72-84 | 1.20 |

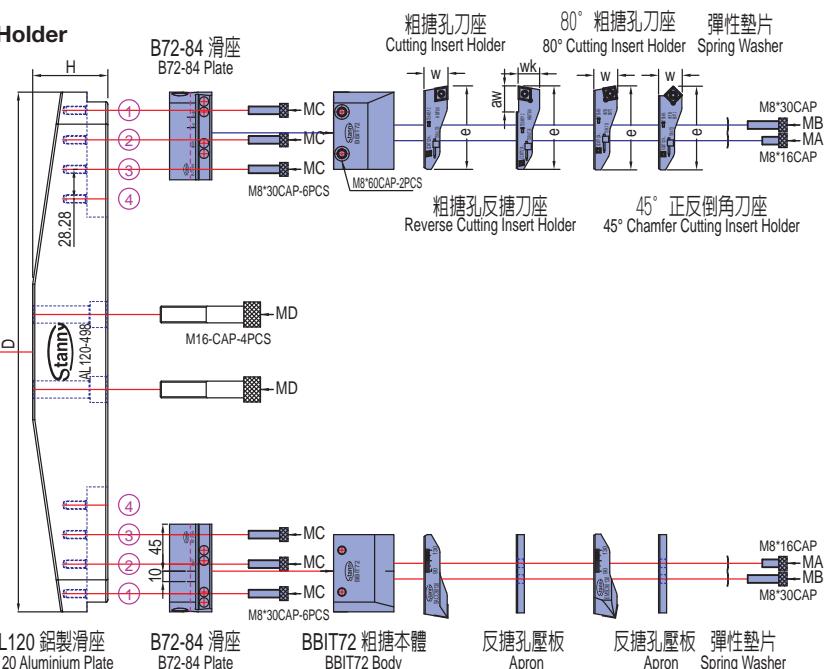
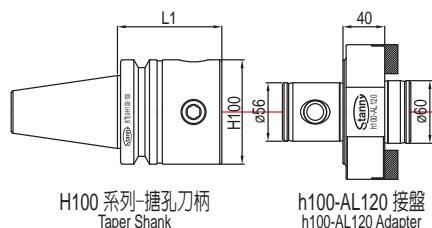
註:變徑滑座設有兩組測孔,相距10mm,可增加ø20mm搪孔範圍,使搪孔範圍更附彈性。
Remark : Plate has four holes, distance 10mm and the boring range increase ø20mm.

h100-AL120

大孔徑搪孔刀組合系統 Large Diameter Boring System

搪孔刀柄 Taper Shank
延長接桿 Extension Spacer
接盤 Adapter
鋁製滑座 Aluminium Plate
滑座 Plate

- 大孔徑粗搪孔刀本體 Large Diameter Body
- 粗搪孔刀座 Cutting Insert Holder
- 80°粗搪孔刀座 80° Cutting Insert Holder
- 45°正反倒角粗搪孔刀座 45° Chamfer Cutting Insert Holder
- 粗搪孔反搪刀座 Reverse Cutting Insert Holder



B•BIT72 大孔徑粗搪孔本體
Body for Large Diameter Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 規 格 Model | 移動量 Mobile | MA Bolt | MB Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|---------------|------------|------------|---------------|-------------|
| 70007372 | BBIT72 | 20 | M8x16 | M8x30 | ◇ 4 ◇ 6 | 1.44 |



B•BIT72 粗搪孔刀座
Cutting Insert Holder for B•BIT Large Diameter Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 規 格 Model | W | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|---|------|---------------|-------------|---------------|-------------|
| 30809013A | SACC90130 | | 79.5 | | | | 0.17 |
| 30809013B | SBCC90130 | | 22.6 | | | | 0.18 |
| 30813017A | SACC130170 | | 99.5 | CCMT1204.. | TS5-M5 | T25 | 0.23 |
| 30813017B | SBCC130170 | | | | | | 0.24 |



B•BIT72 80°粗搪孔刀座
80° Cutting Insert Holder for B•BIT Adjustable Twin Cutter Roughing

| 訂貨編號 Order No. | 規 格 Model | W | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|------|-------|---------------|-------------|---------------|-------------|
| 30809013M | EMSC90130 | | 80.5 | | | | 0.17 |
| 30813017M | EMSC130170 | 23.1 | 100.5 | SCMT1204.. | TS5-M5 | T25 | 0.23 |

B•BIT72 45°正反倒角粗搪孔刀座
45° Chamfer Cutting Insert Holder for B•BIT Adjustable Single Cutter Roughing

| 訂貨編號 Order No. | 規 格 Model | W | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|------|-------|---------------|-------------|---------------|-------------|
| 30809013W | IWSC90130 | | 80.5 | | | | 0.16 |
| 30813017W | IWSC130170 | 23.1 | 100.5 | SCMT1204.. | TS5-M5 | T25 | 0.22 |

B•BIT72 粗搪孔反搪刀座
Reverse Cutting Insert Holder for B•BIT Large Diameter Adjustable Single Cutter Roughing

| 訂貨編號 Order No. | 規 格 Model | aw | wk | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|----|------|---------------|-------------|---------------|-------------|
| 30809013K | RKCC90130 | 22 | 22 | 79.5 | CCMT1204.. | TS5-M5 | T25 | 0.18 |
| 30813017K | RKCC130170 | 44 | 22 | 99.5 | CCMT1204.. | TS5-M5 | T25 | 0.25 |

h100-AL120

大孔徑搪孔刀組合系統 Large Diameter Boring System

搪孔刀柄 Taper Shank

延長接桿 Extension Spacer

接盤 Adapter

鋁製滑座 Aluminium Plate

■ 大孔徑精搪孔刀本體 Large Diameter Body

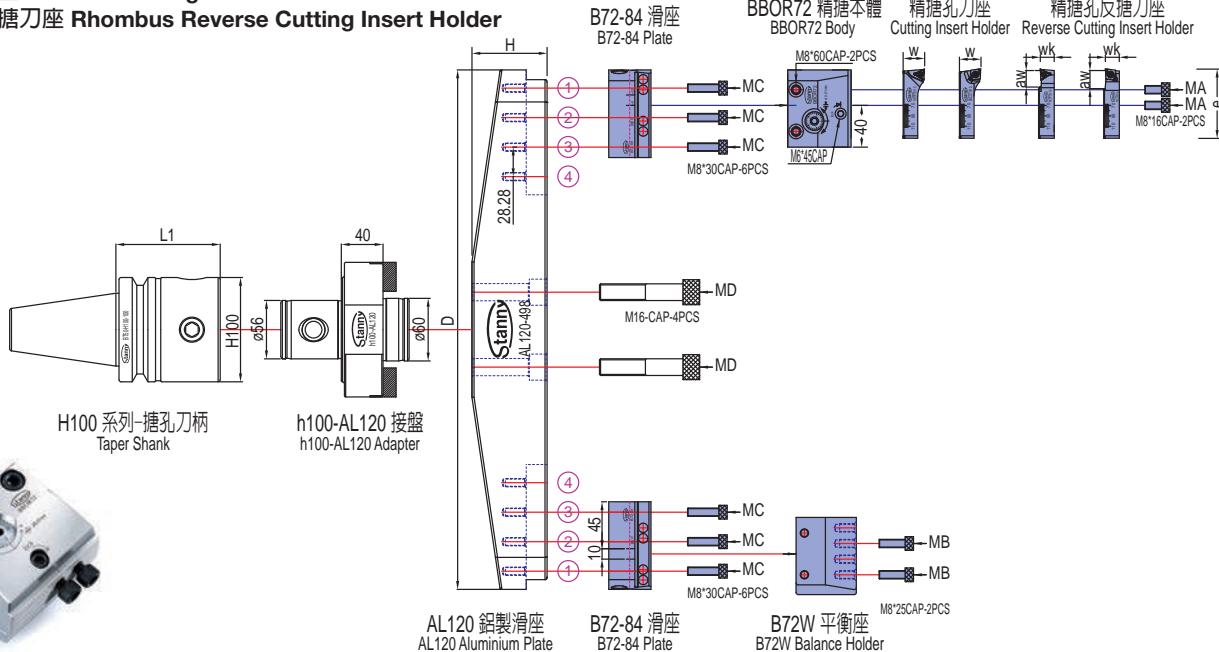
■ 平衡座 Balance Holder

■ 精搪孔刀座 Cutting Insert Holder

■ 菱形精搪孔刀座 Rhombus Cutting Insert Holder

■ 精搪孔反搪刀座 Reverse Cutting Insert Holder

■ 菱形精搪孔反搪刀座 Rhombus Reverse Cutting Insert Holder



B • BOR72 大孔徑微調精搪孔本體+B72W平衡座 Body and Balance Holder for Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | 移動量 Mobile | MA Bolt | MA Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|---------------|------------|------------|---------------|-------------|
| 70007572 | BBOR72 | 28.5 | M8x16 | | ◇ 5 ◇ 6 | 1.65 |
| 70007472 | B72W | | | M8x25 | | 1.59 |

B • BOR72 精搪孔刀座 Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | W | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|-----|---------------|-------------|---------------|-------------|
| 50637011 | SRTP70110 | 20 | 66 | TPGH1103..L | SB-3TR-M3 | T8 | 0.10 |
| 50637115 | SRTP110150 | 20 | 106 | | | | 0.21 |

B • BOR72 菱形精搪孔刀座 Rhombus Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | W | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|-----|---------------|-------------|---------------|-------------|
| 50637011CC | SRCC70110 | 20 | 67 | CCGT09T3..L | TS4-M4 | T15 | 0.10 |
| 50637115CC | SRCC110150 | 20 | 107 | | | | 0.20 |

B • BOR72 精搪孔反搪刀座 Reverse Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | aw | wk | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|----|-----|---------------|-------------|---------------|-------------|
| 50637011K | FKTP70110 | 16 | 15 | 66 | TPGH1103..R | SB-3TR-M3 | T8 | 0.10 |
| 50637115K | FKTP110150 | 25 | 15 | 106 | | | | 0.21 |

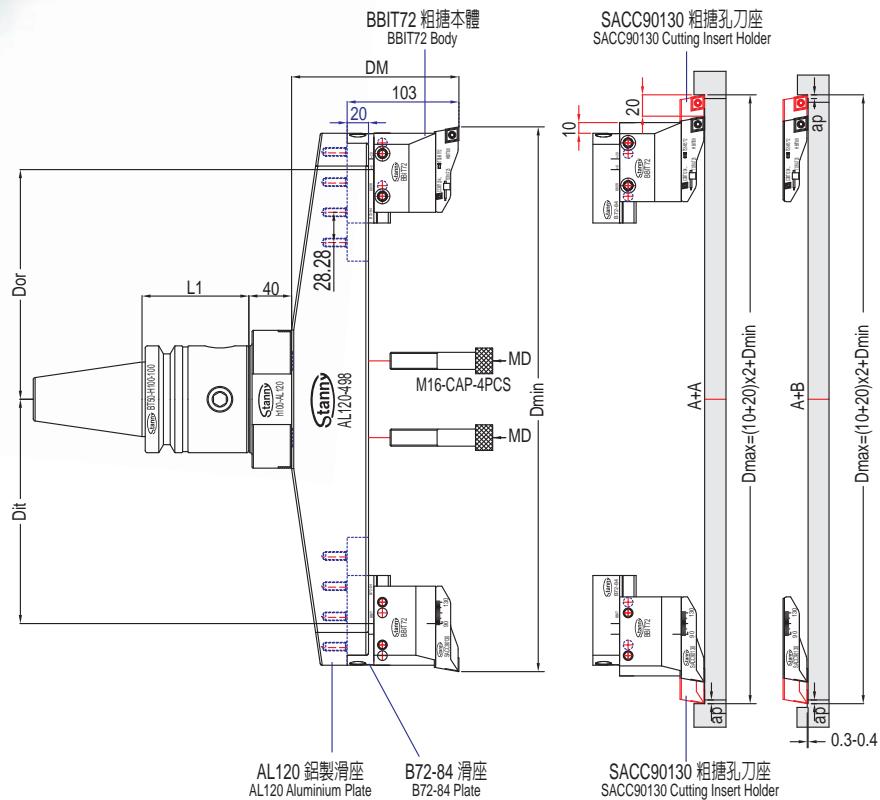
B • BOR72 菱形精搪孔反搪刀座 Rhombus Reverse Cutting Insert Holder for B•BOR Large Diameter Finishing Cutter Fine Boring System

| 訂貨編號 Order No. | 規 格 Model | aw | wk | e | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|----|----|-----|---------------|-------------|---------------|-------------|
| 50637011KC | FKCC70110 | 16 | 15 | 67 | CCGT09T3..R | TS4-M4 | T15 | 0.10 |
| 50637115KC | FKCC110150 | 28 | 15 | 107 | | | | 0.20 |

AL-B•BIT72

大孔徑雙刃粗搪孔刀組合系統--AB type
Large Diameter Adjustable Twin Cutter Roughing and Semi-Finishing Boring System

搪孔刀柄、接盤、鋁製滑座、大孔徑粗搪孔刀本體、粗搪孔刀座
Taper Shank, Adapter, Aluminium Plate, Large Diameter Body and Cutting Insert Holder



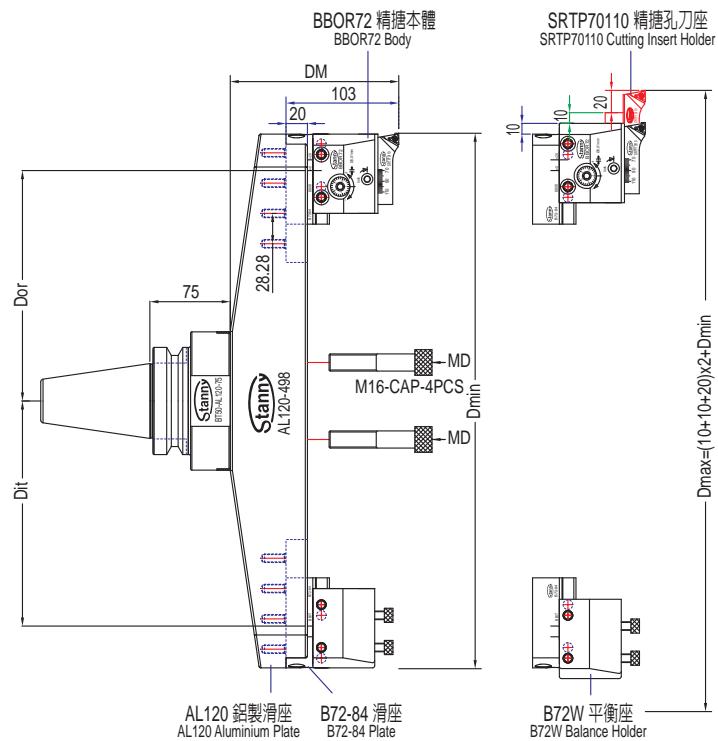
| 訂貨編號 Order No. | 規格 Model | 範圍 D Boring Range $\phi D_{\text{Min}} - \phi D_{\text{Max}}$ | 深度 DM | 大孔徑粗搪孔系統組合 Large Diameter Adjustable Twin Cutter Boring System | | | | | 淨重 N.W. |
|-------------------|--------------|---|----------|---|-----------------|--------|--------------------------|--------------------------|------------|
| | | | | Taper Shank | Aluminium Plate | Plate | Boring Head | Cutting Insert Holder | |
| 93310000AB | AL-BBIT72 AB | 410-470 | 150 | BT50-H100 (P.19) + h100-AL120 (P.87) | AL120-398 | B72-84 | BBIT72 | SACC90130 SBCC90130 | 12.00 |
| 93410000AB | AL-BBIT72 AB | 510-570 | 155 | | AL120-498 | | | | 14.40 |
| 93510000AB | AL-BBIT72 AB | 610-670 | 160 | | AL120-598 | | | | 16.91 |
| 93610000AB | AL-BBIT72 AB | 710-770 | 165 | | AL120-698 | | | | 19.41 |
| 93710000AB | AL-BBIT72 AB | 810-870 | 170 | | AL120-798 | | | | 22.51 |
| 93810000AB | AL-BBIT72 AB | 910-970 | 175 | | AL120-898 | | | | 25.56 |
| 93910000AB | AL-BBIT72 AB | 1010-1070 | 180 | | AL120-998 | | | | 28.72 |
| 93320000AB | AL-BBIT72 AB | 450-510 | 150 | | AL120-398 | | | | 12.12 |
| 93420000AB | AL-BBIT72 AB | 550-610 | 155 | | AL120-498 | | | | 14.52 |
| 93520000AB | AL-BBIT72 AB | 650-710 | 160 | | AL120-598 | | | | 17.03 |
| 93620000AB | AL-BBIT72 AB | 750-810 | 165 | BT50-AL120 (P.92) | AL120-698 | BBIT72 | SACC130170 SBCC130170 | SACC130170 SBCC130170 | 19.53 |
| 93720000AB | AL-BBIT72 AB | 850-910 | 170 | | AL120-798 | | | | 22.63 |
| 93820000AB | AL-BBIT72 AB | 950-1010 | 175 | | AL120-898 | | | | 25.68 |
| 93920000AB | AL-BBIT72 AB | 1050-1110 | 180 | | AL120-998 | | | | 28.84 |

AL-B•BOR72

大孔徑微調精搪孔刀組合系統
Large Diameter Finishing Cutter Fine Boring System

搪孔刀柄、接盤、鋁製滑座、大孔徑精搪孔刀本體、平衡座、精搪孔刀座

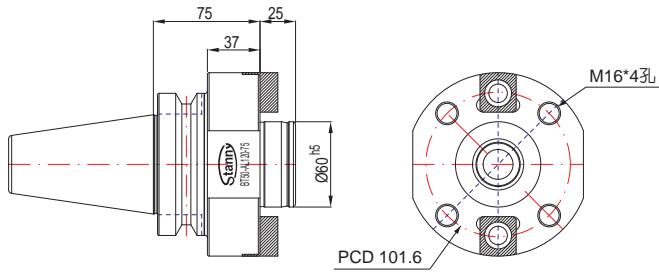
Taper Shank, Adapter, Aluminium Plate, Large Diameter Body,
 Balance Holder and Cutting Insert Holder



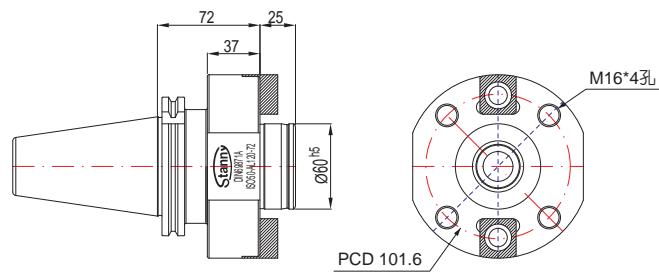
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range $\phi D_{\text{Min}} - \phi D_{\text{Max}}$ | 深度 DM | 大孔徑精搪孔系統組合 | | | | | 淨 重 N.W. |
|-------------------|--------------|--|----------|--|-----------------|-------|-------------|-----------------------|-------------|
| | | | | Taper Shank | Aluminium Plate | Plate | Boring Head | Cutting Insert Holder | |
| 95310000 | AL-BBOR72 M | 400-480 | 150 | | AL120-398 | | | | 12.36 |
| 95410000 | AL-BBOR72 M | 500-580 | 155 | | AL120-498 | | | | 14.76 |
| 95510000 | AL-BBOR72 M | 600-680 | 160 | | AL120-598 | | | | 17.27 |
| 95610000 | AL-BBOR72 M | 700-780 | 165 | | AL120-698 | | | | 19.77 |
| 95710000 | AL-BBOR72 M | 800-880 | 170 | | AL120-798 | | | | 22.87 |
| 95810000 | AL-BBOR72 M | 900-980 | 175 | | AL120-898 | | | | 25.92 |
| 95910000 | AL-BBOR72 M | 1000-1080 | 180 | | AL120-998 | | | | 29.08 |
| 95320000 | AL-BBOR72 M | 440-520 | 150 | BT50-H100 (P.19) + h100-AL120 (P.87) | AL120-398 | | | | 12.47 |
| 95420000 | AL-BBOR72 M | 540-620 | 155 | BT50-AL120 (P.92) | AL120-498 | | | | 14.87 |
| 95520000 | AL-BBOR72 M | 640-720 | 160 | | AL120-598 | | | | 17.38 |
| 95620000 | AL-BBOR72 M | 740-820 | 165 | | AL120-698 | | | | 19.88 |
| 95720000 | AL-BBOR72 M | 840-920 | 170 | | AL120-798 | | | | 22.98 |
| 95820000 | AL-BBOR72 M | 940-1020 | 175 | | AL120-898 | | | | 26.03 |
| 95920000 | AL-BBOR72 M | 1040-1120 | 180 | | AL120-998 | | | | 29.19 |

h100-AL120

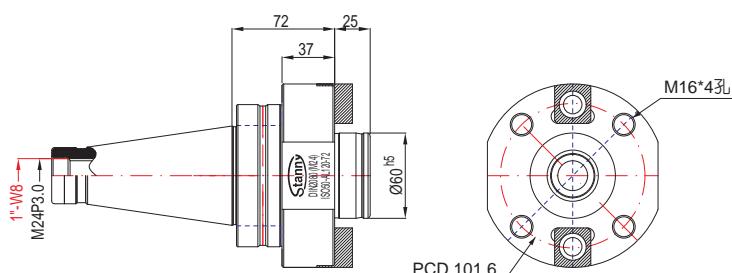
搪孔刀柄
Taper Shank for Boring System



| 訂貨編號 Order No. | 規 格 Model | 淨 重 N.W. |
|-------------------|---------------|-------------|
| 41201507 | BT50-AL120-75 | 7.00 |



| 訂貨編號 Order No. | 規 格 Model | 淨 重 N.W. |
|-------------------|-------------------------|-------------|
| 41202507 | DIN69871A SK50-AL120-72 | 7.10 |



| 訂貨編號 Order No. | 規 格 Model | 淨 重 N.W. |
|-------------------|-----------------------------|-------------|
| 41200507 M | DIN2080 NT50-AL120-72 M24 | 7.15 |
| 41200507 I | DIN2080 NT50-AL120-72 1" W8 | 7.15 |

NBH2084/RBH 微調精搪孔系統

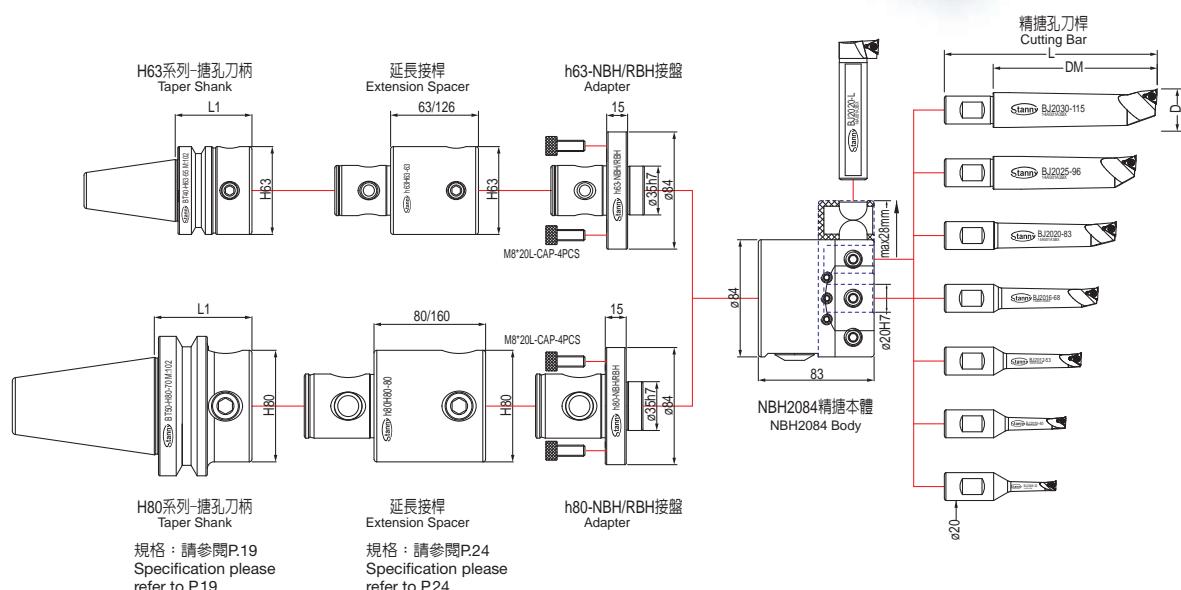
Boring System



NBH2084

微調精搪孔系統 Boring System

搪孔刀柄 Taper Shank
 延長接桿 Extension Spacer
 接盤 Adapter
 精搪孔刀本體 Body
 精搪孔刀桿 Cutting Bar



**NBH2084微調精搪孔系統 - 接盤
Adapter for NBH2084 Boring System**

| 訂貨編號 Order No. | 規 格 Model | 淨重 N.W. |
|-------------------|--------------|------------|
| 42638415 | h63-NBH/RBH | 0.85 |
| 42808415 | h80-NBH/RBH | 1.12 |



**NBH2084微調精搪孔系統 - 精搪孔刀本體
Body for NBH2084 Boring System**

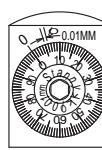
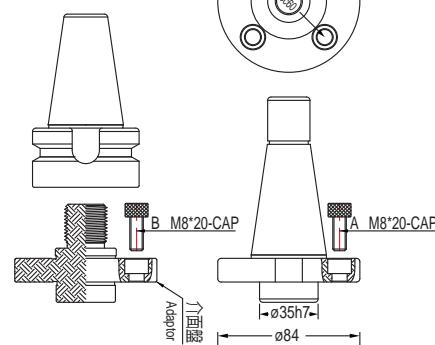
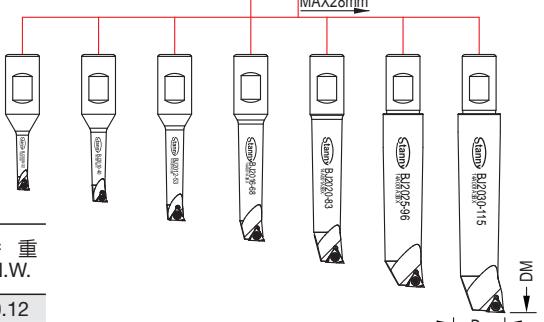
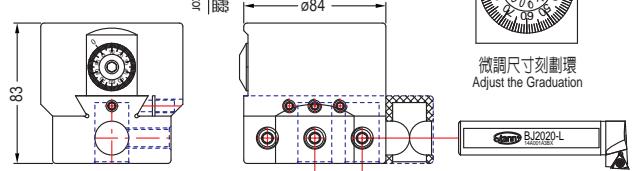
| 訂貨編號 Order No. | 規 格 Model | 刀 径 Cutting Bar | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------|---------------|-------------|
| 20840000 | NBH2084 | Ø 20 | Ø 4 Ø 6 | 3.0 |



**NBH2084微調精搪孔系統 - 精搪孔刀桿
Cutting Bar for NBH2084 Boring System**

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ØDmin-ØDmax | 深 度 DM | L | 系 統 System | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-----------|-----|---------------|---------------|-------------|---------------|-------------|
| 20010832 | BJ2008-32 | 8-11 | 32 | 80 | NBH2084 | TBGT0601..L | SB-1STR-M2 | T6 | 0.12 |
| 20011040 | BJ2010-40 | 10-13 | 40 | 87 | | TPGH0902..L | SB-2TR-M2.5 | | 0.12 |
| 20011253 | BJ2012-53 | 12-17 | 53 | 98 | | | | | 0.12 |
| 20011668 | BJ2016-68 | 16-21 | 68 | 110 | | | | | 0.16 |
| 20012083 | BJ2020-83 | 20-125 | 83 | 123 | | | | | 0.22 |
| 20012596 | BJ2025-96 | 25-130 | 96 | 137 | | TPGH1103..L | SB-3TR-M3 | | 0.24 |
| 20013011 | BJ2030-115 | 30-135 | 115 | 152 | | | | | 0.38 |
| 20012020 | BJ2020-L | 120-280 | 84+BT L1 | 100 | | | | | 0.46 |



NBH2084
微調精搪孔系統
Boring System
整組 SET $\phi 8 \sim \phi 280$ A-TYPE 搪孔刀柄(主軸柄)
Taper ShankB-TYPE 搪孔刀柄(主軸柄)
Taper Shank微調尺寸刻劃環
Adjust the Graduation

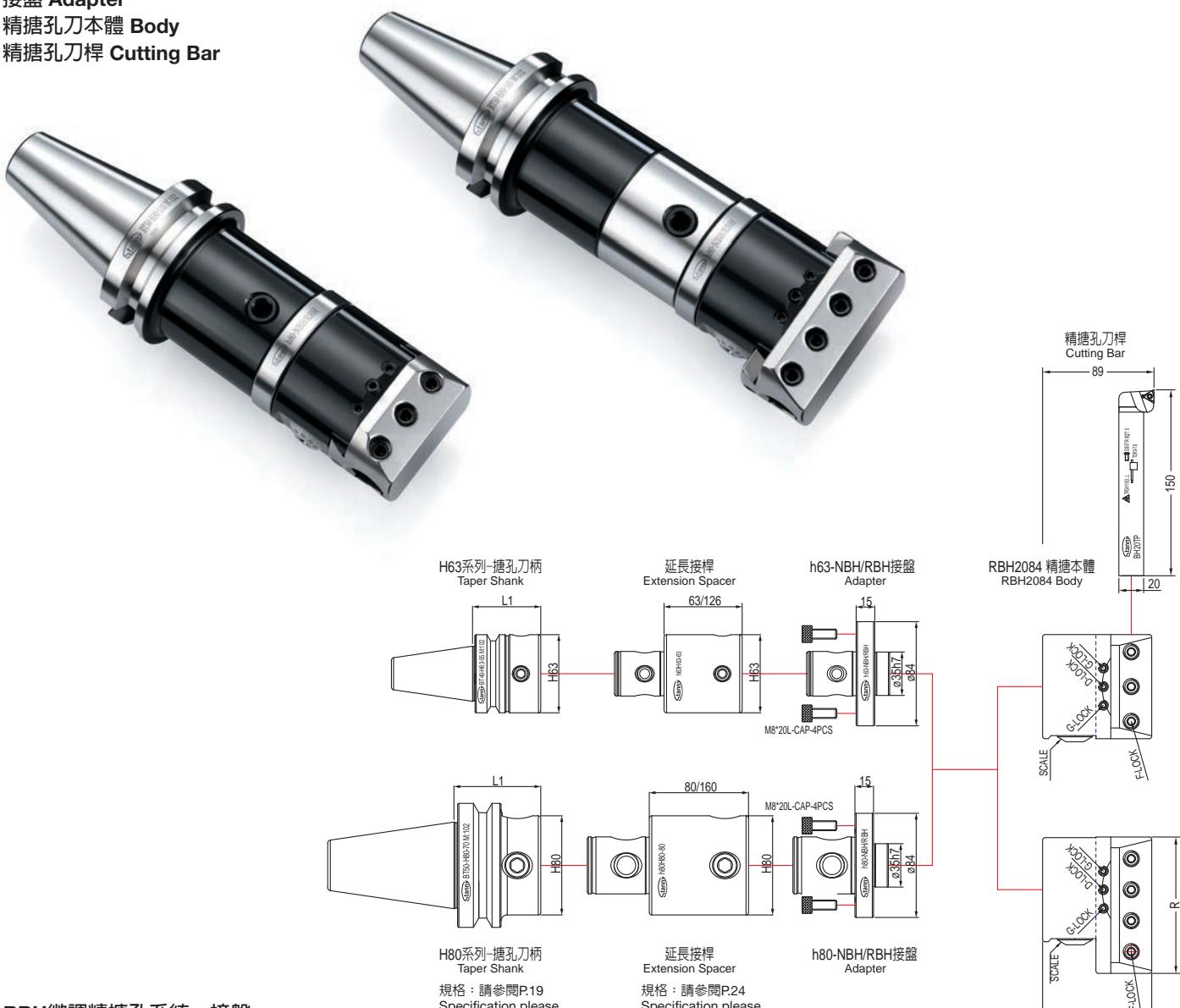
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range $\phi D_{min} \sim \phi D_{max}$ | 組合系統-主軸柄規格 Taper Shank | 淨 重 N.W. |
|-------------------|--------------|---|---------------------------|-------------|
| 20908808 | R8-NBH2084 | 8-280 | R8-UNF7/16-20-NBH2084 | 10 |
| 20900308 | NT30-NBH2084 | 8-280 | DIN2080 ISO30-NBH2084 | 9.8 |
| 20900408 | NT40-NBH2084 | 8-280 | DIN2080 ISO40-NBH2084 | 10.3 |
| 20900510 | NT50-NBH2084 | 8-280 | DIN2080 ISO50-NBH2084 | 12.6 |
| 20906408 | MT4-NBH2084 | 8-280 | DIN228A MT4-NBH2084 | 10.3 |
| 20906508 | MT5-NBH2084 | 8-280 | DIN228A MT5-NBH2084 | 11.1 |
| 20901410 | BT40-NBH2084 | 8-280 | MAS403 BT40-NBH2084 | 10.8 |
| 20901510 | BT50-NBH2084 | 8-280 | MAS403 BT50-NBH2084 | 13.5 |
| 20902410 | SK40-NBH2084 | 8-280 | DIN69871A ISO40-NBH2084 | 10.7 |
| 20902510 | SK50-NBH2084 | 8-280 | DIN69871A ISO50-NBH2084 | 13 |

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range $\phi D_{min} \sim \phi D_{max}$ | 深 度 D.M | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|---|------------|---------------|-------------|---------------|-------------|
| 20010832 | BJ2008-32 | 8-11 | 32 | TBGT0601..L | SB-1STR-M2 | T6 | 0.12 |
| 20011040 | BJ2010-40 | 10-13 | 40 | | | | 0.12 |
| 20011253 | BJ2012-53 | 12-17 | 53 | TPGH0902..L | SB-2TR-M2.5 | | 0.12 |
| 20011668 | BJ2016-68 | 16-21 | 68 | | | | 0.16 |
| 20012083 | BJ2020-83 | 20-125 | 83 | | | T8 | 0.22 |
| 20012596 | BJ2025-96 | 25-130 | 96 | TPGH1103..L | SB-3TR-M3 | | 0.24 |
| 20013011 | BJ2030-115 | 30-135 | 115 | | | | 0.38 |
| 20012020 | BJ2020-L | 120-280 | 84+BT L1 | | | | 0.46 |

RBH

微調精搪孔系統 Boring System

- 搪孔刀柄 Taper Shank
- 延長接桿 Extension Spacer
- 接盤 Adapter
- 精搪孔刀本體 Body
- 精搪孔刀桿 Cutting Bar



RBH微調精搪孔系統 - 接盤 Adapter for RBH Boring System

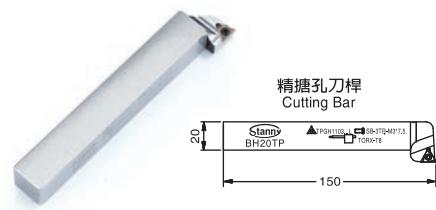
| 訂貨編號 Order No. | 規 格 Model | 淨 重 N.W. |
|-------------------|--------------|-------------|
| 42638415 | h63-NBH/RBH | 0.85 |
| 42808415 | h80-NBH/RBH | 1.12 |

RBH微調精搪孔系統 - 精搪孔刀本體 Body for RBH Boring System

| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ØDmin-ØDmax | 滑座外徑 R Body Diameter | 刀 徑 Cutting Bar | 淨 重 N.W. |
|-------------------|--------------|--------------------------------------|-------------------------|--------------------|-------------|
| 20850080 | RBH2084 | 140-300 | Ø84 | □20 | 2.88 |
| 20860080 | RBH20110 | 150-350 | Ø110 | □20 | 3.88 |

RBH微調精搪孔系統 - 精搪孔刀桿 Cutting Bar for RBH Boring System

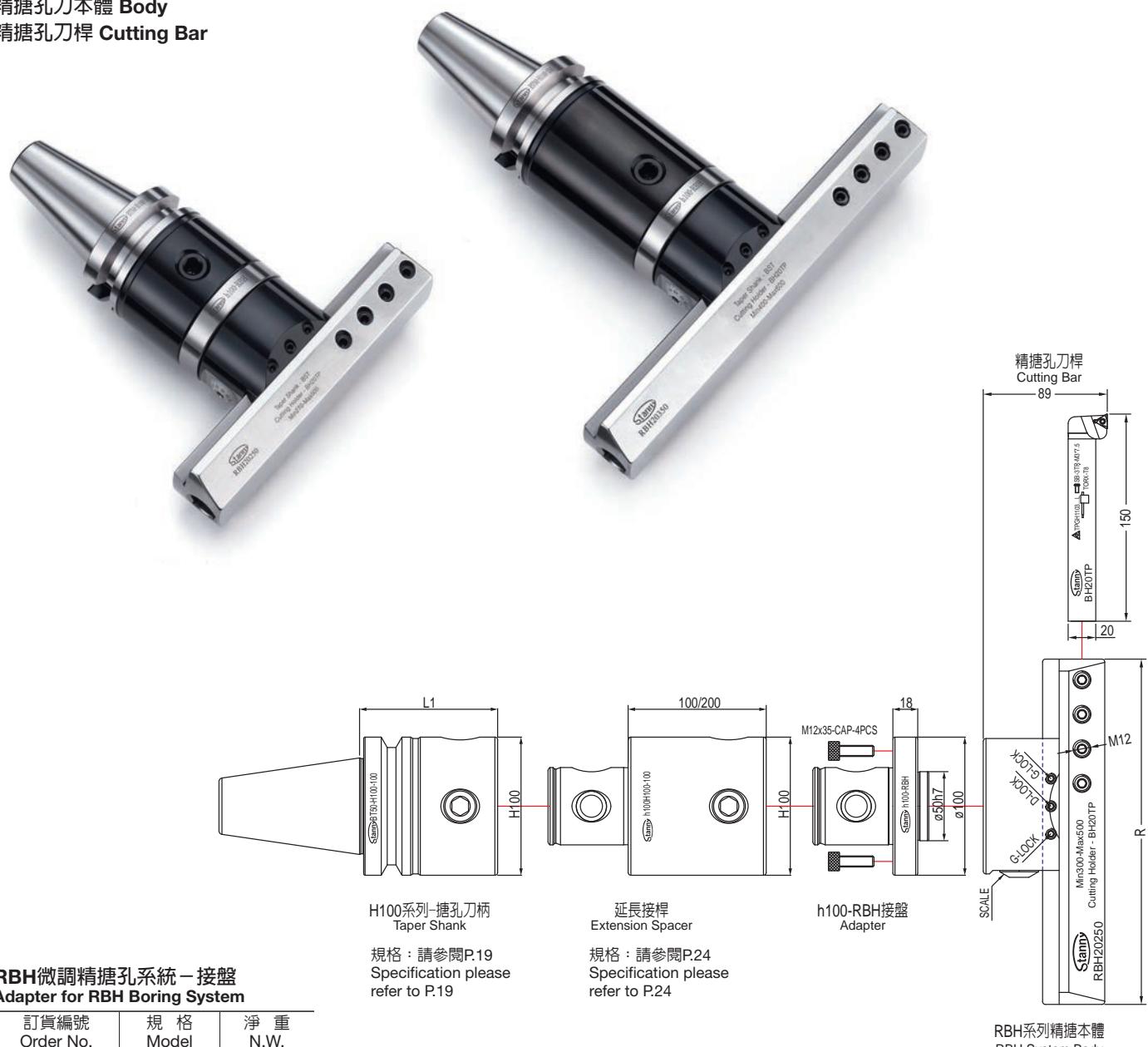
| 訂貨編號 Order No. | 規 格 Model | 刀 径 Cutting Bar | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------|---------------|-------------|---------------|-------------|
| 20020150 | BH20TP | □20 | TPGH1103..L | SB-3TR-M3 | T8 | 0.45 |



RBH

微調精搪孔系統 Boring System

- 搪孔刀柄 Taper Shank
 延長接桿 Extension Spacer
 接盤 Adapter
 精搪孔刀本體 Body
 精搪孔刀桿 Cutting Bar



RBH微調精搪孔系統 - 接盤 Adapter for RBH Boring System

| 訂貨編號 Order No. | 規 格 Model | 淨 重 N.W. |
|-------------------|--------------|-------------|
| 42101218 | h100-RBH | 1.95 |

RBH微調精搪孔系統 - 精搪孔刀本體 Body for RBH Boring System

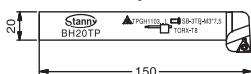
| 訂貨編號 Order No. | 規 格 Model | 範 圍 D Boring Range ϕD_{min} - ϕD_{max} | 滑座外徑 R Body Diameter | 刀 徑 Cutting Bar | 淨 重 N.W. |
|-------------------|--------------|--|-------------------------|--------------------|-------------|
| 20870080 | RBH20150 | 170-370 | Ø150 | □20 | 4.88 |
| 20880080 | RBH20250 | 270-470 | Ø250 | □20 | 5.90 |
| 20890080 | RBH20350 | 370-570 | Ø350 | □20 | 7.35 |

RBH微調精搪孔系統 - 精搪孔刀桿 Cutting Bar for RBH Boring System

| 訂貨編號 Order No. | 規 格 Model | 刀 径 Cutting Bar | 刀 片 Insert | 螺 絲 Bolt | 板 手 Wrench | 淨 重 N.W. |
|-------------------|--------------|--------------------|---------------|-------------|---------------|-------------|
| 20020150 | BH20TP | □20 | TPGH1103..L | SB-3TR-M3 | T8 | 0.45 |



精搪孔刀桿
Cutting Bar





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