



## 刀座型錄 Tool Holder

修訂 2025/06/13

GPM reserves the right to make any technical changes without prior notice.



*The new  
Revolution*



## Contents

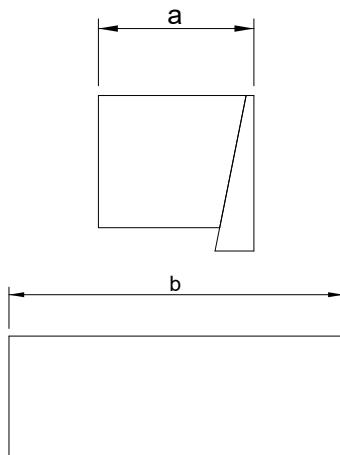
槽型刀盤固定刀座 - - - 02  
Static Tool holder

VDI 刀座 - - - - - 04  
VDI Tool holder

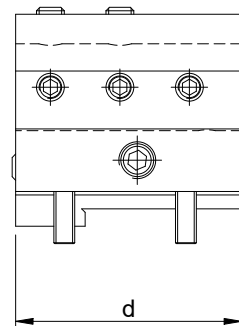
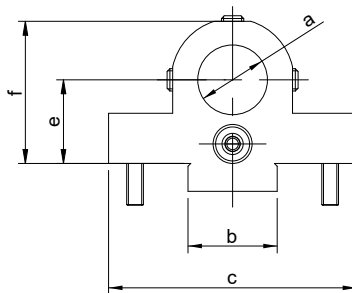
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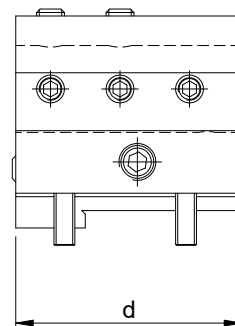
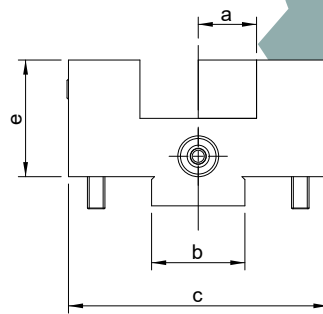




外徑刀上下壓板  
clamping element

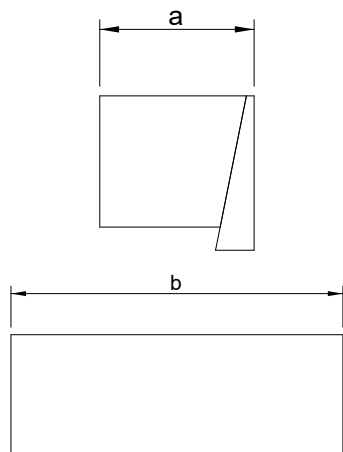


搪孔刀座  
Boring bar tool holder

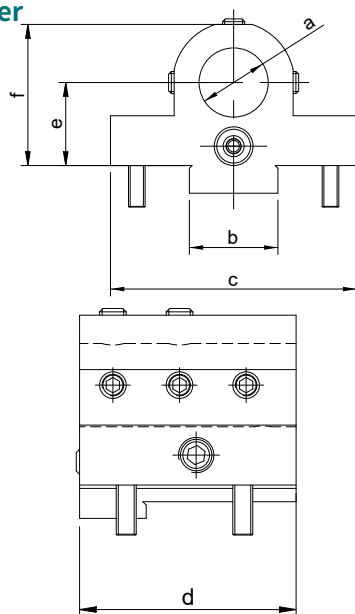


端面刀座  
Facing tool holder

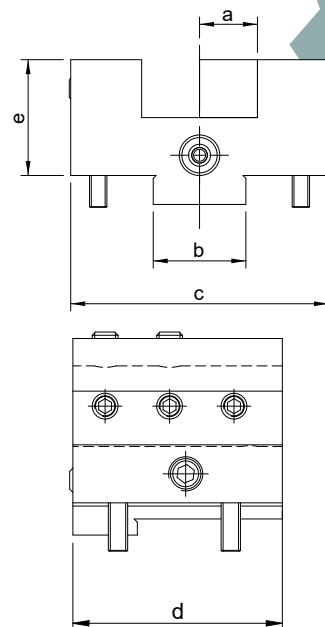
| 刀盤規格<br>Specs of tool disc                           | 刀座品號<br>Part ID of tool holder | 品名<br>Description of Goods                                                  | 尺寸 (mm)<br>dimensions |    |     |    |    |    |
|------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------|-----------------------|----|-----|----|----|----|
|                                                      |                                |                                                                             | a                     | b  | c   | d  | e  | f  |
| 標準刀盤組/公制/Tool disc<br>440.212/SW220/8T/W3/25BAR/T65  | 508102005                      | 搪孔刀座組/H25.065.089.02/外出水<br>Boring bar tool holder/coolant supply external  | 25                    | 32 | 89  | 65 | 30 | 51 |
|                                                      | 508102028                      | 搪孔刀座組/H25.065.089.02/中心出水<br>Boring bar tool holder/coolant supply internal | 25                    | 32 | 89  | 65 | 30 | 51 |
|                                                      | 508101017                      | 端面刀座組/F20.065.089.02/外出水<br>Facing tool holder/coolant supply external      | 20                    | 32 | 89  | 65 | 40 | -  |
|                                                      | 41103001-01                    | 上壓板/公制/P055.020.00<br>clamping element (upper)                              | 20                    | 55 | -   | -  | -  | -  |
|                                                      | 41103002-01                    | 下壓板/公制/P055.020.01<br>clamping element (lower)                              |                       |    |     |    |    |    |
| 標準刀盤組/公制/Tool disc<br>440.212/SW220/8T/W9/25BAR/T65  | 508102005                      | 搪孔刀座組/H25.065.089.02/外出水<br>Boring bar tool holder/coolant supply external  | 25                    | 32 | 89  | 65 | 30 | 51 |
|                                                      | 508102028                      | 搪孔刀座組/H25.065.089.02/中心出水<br>Boring bar tool holder/coolant supply internal | 25                    | 32 | 89  | 65 | 30 | 51 |
|                                                      | 508101017                      | 端面刀座組/F20.065.089.02/外出水<br>Facing tool holder/coolant supply external      | 20                    | 32 | 89  | 65 | 40 | -  |
|                                                      | 41103001-01                    | 上壓板/公制/P055.020.00<br>clamping element (upper)                              | 20                    | 55 | -   | -  | -  | -  |
|                                                      | 41103002-01                    | 下壓板/公制/P055.020.01<br>clamping element (lower)                              |                       |    |     |    |    |    |
| 標準刀盤組/公制/Tool disc<br>440.216/SW270/8T/W3/25BAR/T85  | 508101018                      | 端面刀座組/F25.085.100.3/外出水<br>Facing tool holder/coolant supply external       | 25                    | 30 | 100 | 85 | 55 | -  |
|                                                      | 508102038                      | 搪孔刀座組/H32.085.100.3/外出水<br>Boring bar tool holder/coolant supply external   | 32                    | 30 | 100 | 85 | 40 | 75 |
|                                                      | 508102037                      | 搪孔刀座組/H32.085.100.3/中心出水<br>Boring bar tool holder/coolant supply internal  | 32                    | 30 | 100 | 85 | 40 | 75 |
|                                                      | 508102026                      | 搪孔刀座組/H40.085.100.3/外出水<br>Boring bar tool holder/coolant supply external   | 40                    | 30 | 100 | 85 | 40 | 75 |
|                                                      | 508102010                      | 搪孔刀座組/H40.085.100.3/中心出水<br>Boring bar tool holder/coolant supply internal  | 40                    | 30 | 100 | 85 | 40 | 75 |
|                                                      | 41103010-01                    | 上壓板/公英制共用/P070.025.00<br>clamping element (upper)                           | 25                    | 70 | -   | -  | -  | -  |
|                                                      | 41103011-01                    | 下壓板/公制/P070.025.01<br>clamping element (lower)                              |                       |    |     |    |    |    |
| 標準刀盤組/公制/Tool disc<br>440.216/SW316/12T/W9/25BAR/T80 | 508102009                      | 搪孔刀座組/H40.080.084.3/外出水<br>Boring bar tool holder/coolant supply external)  | 40                    | 30 | 84  | 80 | 35 | 70 |
|                                                      | 508102076                      | 搪孔刀座組/H40.080.084.3/中心出水<br>Boring bar tool holder/coolant supply internal  | 40                    | 30 | 84  | 80 | 35 | 70 |
|                                                      | 508102030                      | 搪孔刀座組/H32.080.084.3/外出水<br>Boring bar tool holder/coolant supply external   | 32                    | 30 | 84  | 80 | 30 | 56 |
|                                                      | 508102031                      | 搪孔刀座組/H32.080.084.3/中心出水<br>Boring bar tool holder/coolant supply internal  | 32                    | 30 | 84  | 80 | 30 | 56 |
|                                                      | 508102014                      | 搪孔刀座組/H25.080.084.3/外出水<br>Boring bar tool holder/coolant supply external   | 25                    | 30 | 84  | 80 | 30 | 56 |
|                                                      | 508102024                      | 搪孔刀座組/H25.080.084.3/中心出水<br>Boring bar tool holder/coolant supply internal  | 25                    | 30 | 84  | 80 | 30 | 56 |
|                                                      | 508101023                      | 端面刀座組/F20.080.084.3/50BAR<br>Facing tool holder                             | 20                    | 30 | 84  | 80 | 45 | -  |
|                                                      | 41103005-01                    | 上壓板/公制/P060.020.00<br>Clamping element (upper)                              | 20                    | 60 | -   | -  | -  | -  |
|                                                      | 41103009-01                    | 下壓板/公英制共用/P060.020.01<br>Clamping element (lower)                           |                       |    |     |    |    |    |



外徑刀上下壓板  
clamping element



搪孔刀座  
Boring bar tool holder



端面刀座  
Facing tool holder

| 刀盤規格<br>Specs of tool disc                            | 刀座品號<br>Part ID of tool holder | 品名<br>Description of Goods                                                 | 尺寸 (mm)<br>dimensions |      |     |     |    |    |
|-------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------|-----------------------|------|-----|-----|----|----|
|                                                       |                                |                                                                            | a                     | b    | c   | d   | e  | f  |
| 標準刀盤組/公制/Tool disc<br>440.216/SW330/8T/W3/25BAR/T85   | 508102010                      | 搪孔刀座組/H40.085.100.3/中心出水<br>Boring bar tool holder/coolant supply internal | 40                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508102026                      | 搪孔刀座組/H40.085.100.3/外出水<br>Boring bar tool holder/coolant supply external  | 40                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508102037                      | 搪孔刀座組/H32.085.100.3/中心出水<br>Boring bar tool holder/coolant supply internal | 32                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508102038                      | 搪孔刀座組/H32.085.100.3/外出水<br>Boring bar tool holder/coolant supply external  | 32                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508101018                      | 端面刀座組/F25.085.100.3/外出水<br>Facing tool holder/coolant supply external      | 25                    | 30   | 100 | 85  | 55 | -  |
|                                                       | 41103010-01                    | 上壓板/公英制共用/P070.025.00<br>clamping unit (upper)                             | 25                    | 70   | -   | -   | -  | -  |
|                                                       | 41103011-01                    | 下壓板/公制/P070.025.01<br>clamping unit (lower)                                |                       |      |     |     |    |    |
| 標準刀盤組/公制<br>/440.220/SW380/12T/W3/25BAR/T85           | 508102010                      | 搪孔刀座組/H40.085.100.3/中心出水<br>Boring bar tool holder/coolant supply internal | 40                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508102026                      | 搪孔刀座組/H40.085.100.3/外出水<br>Boring bar tool holder/coolant supply external  | 40                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508101018                      | 端面刀座組/F25.085.100.3/外出水                                                    | 25                    | 30   | 100 | 85  | 55 | -  |
|                                                       | 41103010-01                    | 上壓板/公英制共用/P070.025.00<br>clamping element (upper)                          | 25                    | 70   | -   | -   | -  | -  |
|                                                       | 41103011-01                    | 下壓板/公制/P070.025.01<br>clamping element (lower)                             |                       |      |     |     |    |    |
| 標準刀盤組/公制/Tool disc<br>440.220/SW410/12T/W3/25BAR/T85  | 508102010                      | 搪孔刀座組/H40.085.100.3/中心出水<br>Boring bar tool holder/coolant supply internal | 40                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508102026                      | 搪孔刀座組/H40.085.100.3/外出水<br>Boring bar tool holder/coolant supply external  | 40                    | 30   | 100 | 85  | 40 | 75 |
|                                                       | 508101018                      | 端面刀座組/F25.085.100.3/外出水<br>Facing tool holder/coolant supply external      | 25                    | 30   | 100 | 85  | 55 | -  |
|                                                       | 41103010-01                    | 上壓板/公英制共用/P070.025.00<br>clamping element (upper)                          | 25                    | 70   | -   | -   | -  | -  |
|                                                       | 41103011-01                    | 下壓板/公制/P070.025.01<br>clamping element (lower)                             |                       |      |     |     |    |    |
| 標準刀盤組/公制/Tool disc<br>440.225/SW420/12T/W3/25BAR/T85  | 508102060                      | 搪孔刀座組/H40.085.100.5/外出水<br>Boring bar tool holder/coolant supply external  | 40                    | 30   | 100 | 85  | 35 | 65 |
|                                                       | 508102062                      | 搪孔刀座組/H40.085.100.5/中心出水<br>Boring bar tool holder/coolant supply internal | 40                    | 30   | 100 | 85  | 35 | 65 |
|                                                       | 508101024                      | 端面刀座組/F25.085.100.5/雙外出水<br>Facing tool holder/coolant supply external     | 25                    | 30   | 100 | 85  | 55 | -  |
|                                                       | 41103034                       | 上壓板/公制/P090.025.00<br>clamping element (upper)                             | 25                    | 90   | -   | -   | -  | -  |
|                                                       | 41103014-01                    | 下壓板/公制/P090.025.01<br>Clamping element (lower)                             |                       |      |     |     |    |    |
| 標準刀盤組/公制/Tool disc<br>440.232/SW520/12T/W3/25BAR/T108 | 508102003                      | 搪孔刀座組/H50.118.118.3/中心出水<br>Boring bar tool holder/coolant supply internal | 50                    | 21.9 | 118 | 118 | 40 | 84 |
|                                                       | 508102029                      | 搪孔刀座組/H50.118.118.01/外出水<br>Boring bar tool holder/coolant supply external | 50                    | 21.9 | 118 | 118 | 40 | 84 |
|                                                       | 508101015                      | 端面刀座組/F32.113.118.3/外出水<br>Facing tool holder/coolant supply external      | 32                    | 21.9 | 118 | 113 | 60 | -  |
|                                                       | 41103015-01                    | 上壓板/公制/P110.032.00<br>Clamping element (upper)                             | 32                    | 110  | -   | -   | -  | -  |
|                                                       | 41103016-01                    | 下壓板/公制/P110.032.01<br>Clamping element (lower)                             |                       |      |     |     |    |    |

# 固定刀座

## Static Tool holder

### 外徑刀座 Turning Tool holder



| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | B1-25X16 |
| VDI30 | 20    | B1-30X20 |
| VDI40 | 25    | B1-40X25 |
| VDI50 | 32    | B1-50X32 |
| VDI60 | 32    | B1-60X32 |

| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | B3-25X16 |
| VDI30 | 20    | B3-30X20 |
| VDI40 | 25    | B3-40X25 |
| VDI50 | 32    | B3-50X32 |
| VDI60 | 32    | B3-60X32 |

| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | B2-25X16 |
| VDI30 | 20    | B2-30X20 |
| VDI40 | 25    | B2-40X25 |
| VDI50 | 32    | B2-50X32 |
| VDI60 | 32    | B2-60X32 |

| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | B4-25X16 |
| VDI30 | 20    | B4-30X20 |
| VDI40 | 25    | B4-40X25 |
| VDI50 | 32    | B4-50X32 |
| VDI60 | 32    | B4-60X32 |

### 端面 / 外徑刀座 Facing / Turning Tool holder



| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | C1-25X16 |
| VDI30 | 20    | C1-30X20 |
| VDI40 | 25    | C1-40X25 |
| VDI50 | 32    | C1-50X32 |
| VDI60 | 32    | C1-60X32 |

| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | C3-25X16 |
| VDI30 | 20    | C3-30X20 |
| VDI40 | 25    | C3-40X25 |
| VDI50 | 32    | C3-50X32 |
| VDI60 | 32    | C3-60X32 |

| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | C2-25X16 |
| VDI30 | 20    | C2-30X20 |
| VDI40 | 25    | C2-40X25 |
| VDI50 | 32    | C2-50X32 |
| VDI60 | 32    | C2-60X32 |

| VDI   | Shank | Specs    |
|-------|-------|----------|
| VDI25 | 16    | C4-25X16 |
| VDI30 | 20    | C4-30X20 |
| VDI40 | 25    | C4-40X25 |
| VDI50 | 32    | C4-50X32 |
| VDI60 | 32    | C4-60X32 |

### 內孔刀座 Boring bar Tool holder



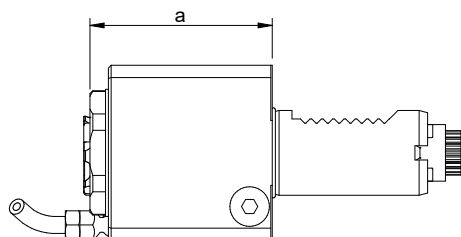
| VDI   | 孔徑<br>Ø(mm) | Specs                     |                           |
|-------|-------------|---------------------------|---------------------------|
|       |             | coolant supply (external) | coolant supply (internal) |
| VDI25 | 25          | E2-25X25                  | E1-25X25                  |
| VDI30 | 32          | E2-30X32                  | E1-30X32                  |
| VDI40 | 40          | E2-40X40                  | E1-40X40                  |
| VDI50 | 50          | E2-50X50                  | E1-50X50                  |
| VDI60 | 60          | E2-60X50                  | E1-60X50                  |

| VDI   | 孔徑<br>Ø(mm) | NH(mm) | Specs<br>coolant supply(internal) |
|-------|-------------|--------|-----------------------------------|
| VDI30 | 32          | 85     | T1-3032-85L                       |
| VDI30 | 32          | 100    | T1-3032-100L                      |
| VDI40 | 40          | 100    | T1-4040-100L                      |
| VDI50 | 50          | 100    | T1-5050-100L                      |

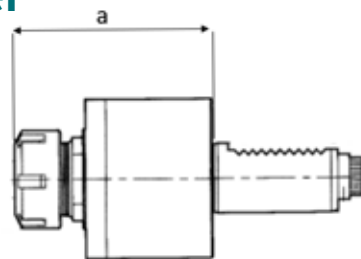
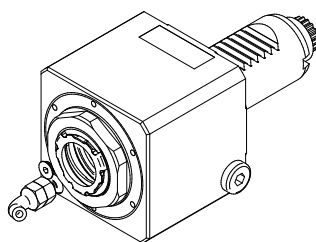
0° 動力刀座  
Straight driven Tool holder

# 動力刀座

## Driven Tool holder



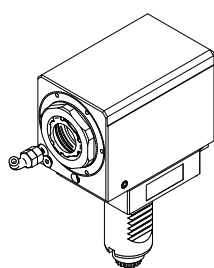
內牙款式 - Internal Nut type



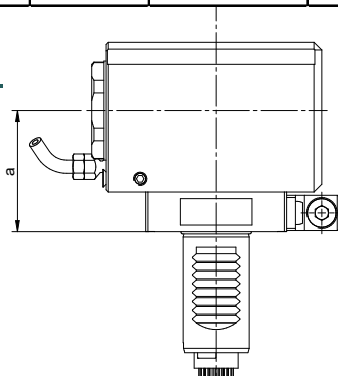
外牙款式 - External Nut type

| Type  | ER | a<br>NL(mm) | coolant supply | speed<br>(rpm) | gear ratio<br>i=n1:n2 | Nut type      | Specs         |
|-------|----|-------------|----------------|----------------|-----------------------|---------------|---------------|
| VDI25 | 20 | 60          | ext. 5~80BAR   | 8000           | 1                     | 內牙<br>int.Nut | VDI25-5480-20 |
| VDI30 | 25 | 64.5        | ext. 5~80BAR   | 6000           | 1                     | 內牙<br>int.Nut | VDI30-5480-25 |
|       | 25 | 101         | ext. 5~80BAR   | 6000           | 1                     | 外牙<br>ext.Nut | VDI30-5480-25 |
| VDI40 | 32 | 95          | ext. 5~80BAR   | 6000           | 1                     | 內牙<br>int.Nut | VDI40-5480-32 |
|       | 32 | 109         | ext. 5~80BAR   | 6000           | 1                     | 外牙<br>ext.Nut | VDI40-5480-32 |
| VDI50 | 40 | 122         | ext. 5~80BAR   | 6000           | 1                     | 外牙<br>ext.Nut | VDI50-5480-40 |
| VDI60 | 50 | 142         | ext. 5~80BAR   | 6000           | 1                     | 外牙<br>ext.Nut | VDI60-5480-50 |

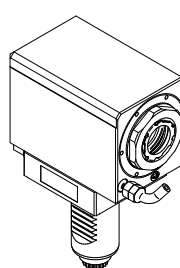
90° 動力刀座  
90° driven Tool holder



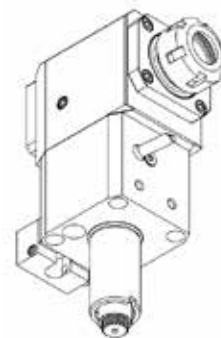
右手-Right



內牙款式 - Internal Nut type



左手-Left



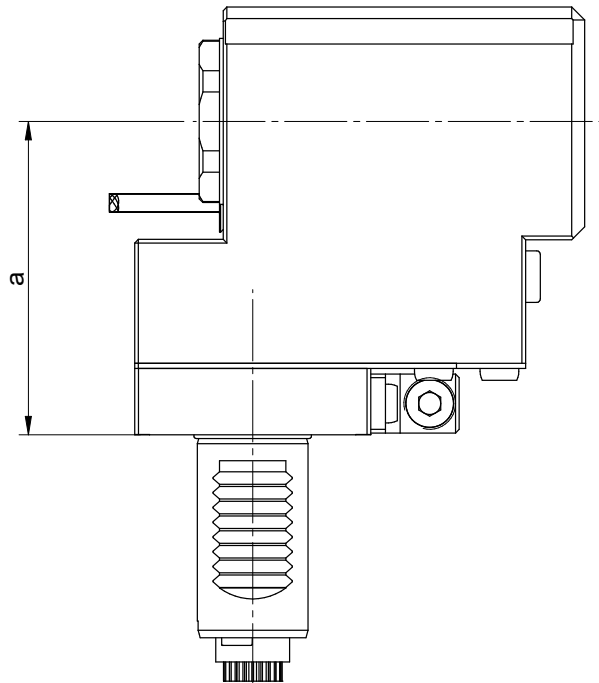
外牙款式 - External Nut type

| Type  | ER | a<br>NH(mm) | coolant supply | speed<br>(rpm) | gear ratio<br>i=n1:n2 | Nut type             | Specs              |
|-------|----|-------------|----------------|----------------|-----------------------|----------------------|--------------------|
| VDI30 | 25 | 55          | ext. 5~80BAR   | 7000           | 1                     | 内牙/外牙<br>int/ext.Nut | VDI30-5480-25-55-R |
|       |    | 85          |                |                |                       | 外牙<br>ext.Nut        | VDI30-5480-25-85-R |
|       |    |             |                |                |                       | VDI30-5480-25-85-L   |                    |
| VDI40 | 32 | 100         | ext. 5~80BAR   | 6000           | 1                     | 内牙/外牙<br>int/ext.Nut | VD40-5480-32-100-R |
|       |    |             |                |                |                       | 内牙/外牙<br>int/ext.Nut | VD40-5480-32-100-L |
| VDI50 | 40 | 75          | ext. 5~80BAR   | 5000           | 1                     | 外牙<br>ext.Nut        | VD40-5480-32-75-R  |
|       |    |             |                |                |                       | 外牙<br>ext.Nut        | VD40-5480-32-75-L  |
| VDI60 | 50 | 106         | ext. 5~80BAR   | 5000           | 1                     | 外牙<br>ext.Nut        | VD60-5480-32-106-R |
|       |    |             |                |                |                       | 外牙<br>ext.Nut        | VD60-5480-32-106-L |

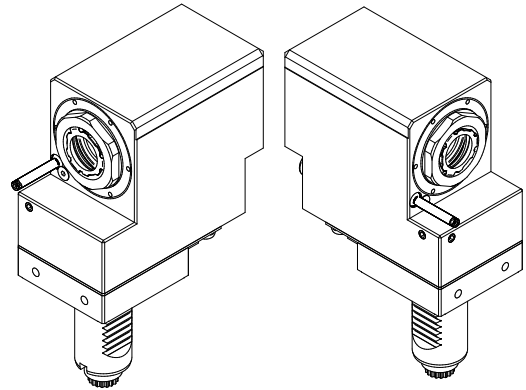
※ 另有中心出水(選配) ; 請洽營業單位 ※ Optional : coolant supply internal

# 後縮動力刀座

## Off-set Driven Tool holder

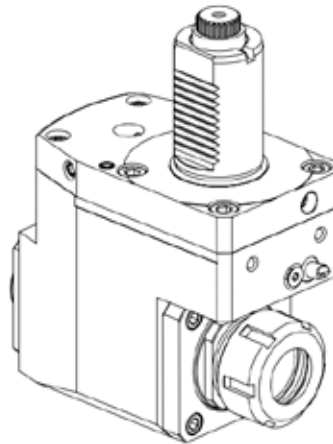


內牙款式 - Internal Nut type



右手-Right

左手-Left



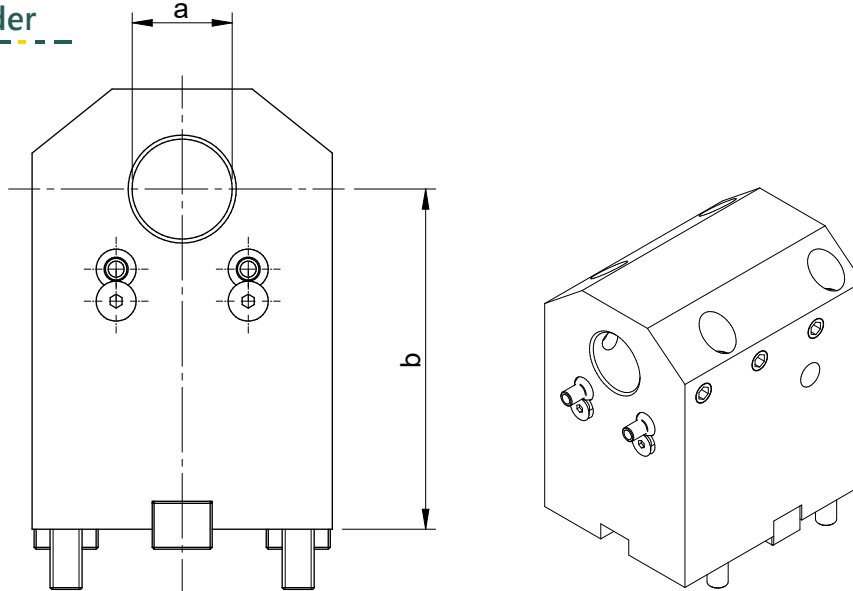
外牙款式 - External Nut type

| Type  | ER | a<br>NH(mm) | coolant supply | speed<br>(rpm) | gear ratio<br>$i=n1:n2$ | Nut type             | Specs                      |
|-------|----|-------------|----------------|----------------|-------------------------|----------------------|----------------------------|
| VDI25 | 20 | 75          | ext. 5~80BAR   | 8000           | 1                       | 內牙<br>int.Nut        | VDI25-offset-5480-20-75-R  |
| VDI30 | 25 | 85          | ext. 5~80BAR   | 7000           | 1                       | 內牙/外牙<br>int/ext.Nut | VDI30-offset-5480-25-85-R  |
|       |    |             |                |                |                         | 內牙/外牙<br>int/ext.Nut | VDI30-offset-5480-25-85-L  |
| VDI40 | 32 | 100         | ext. 5~80BAR   | 6000           | 1                       | 內牙/外牙<br>int/ext.Nut | VDI40-offset-5480-32-100-R |
|       |    |             |                |                |                         | 內牙/外牙<br>int/ext.Nut | VDI40-offset-5480-32-100-L |
| VDI50 | 40 | 90          | ext. 5~80BAR   | 5000           | 1                       | 外牙<br>ext.Nut        | VDI50-offset-5480-32-90-R  |
|       |    |             |                |                |                         | 外牙<br>ext.Nut        | VDI50-offset-5480-32-90-L  |

# 固定刀座

## Static Tool holder

搪孔刀座  
Boring bar Tool holder



| Type  | Specifications                               | a<br>Ø(mm) | b<br>NH(mm) |
|-------|----------------------------------------------|------------|-------------|
| BMT45 | 搪孔刀座組 Boring bar tool holder /BMT45/B25-65   | 25         | 65          |
|       | 搪孔刀座組 Boring bar tool holder /BMT45/B32-65   | 32         | 65          |
|       | 搪孔刀座組 Boring bar tool holder /BMT45/B40-65   | 40         | 65          |
|       | 搪孔刀座組 Boring bar tool holder /BMT45/B25-85   | 25         | 85          |
| BMT55 | 搪孔刀座組 Boring bar tool holder /BMT55/B25-70   | 25         | 70          |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B32-60   | 32         | 60          |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B32-70   | 32         | 70          |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B32-85   | 32         | 85          |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B32-110  | 32         | 110         |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B40-60   | 40         | 60          |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B40-70   | 40         | 70          |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B40-85   | 40         | 85          |
|       | 搪孔刀座組 Boring bar tool holder /BMT55/B40-90   | 40         | 90          |
| BMT65 | 搪孔刀座組 Boring bar tool holder /BMT65/B40-72   | 40         | 72          |
|       | 搪孔刀座組 Boring bar tool holder /BMT65/B40-100  | 40         | 100         |
|       | 搪孔刀座組 Boring bar tool holder /BMT65/B40-115  | 40         | 115         |
|       | 搪孔刀座組 Boring bar tool holder /BMT65/B50-100  | 50         | 100         |
| BMT75 | 搪孔刀座組 Boring bar tool holder /BMT75/B50-60   | 50         | 60          |
|       | 搪孔刀座組 Boring bar tool holder /BMT75/B50-90   | 50         | 90          |
|       | 搪孔刀座組 Boring bar tool holder /BMT75/B50-100  | 50         | 100         |
|       | 搪孔刀座組 Boring bar tool holder /BMT75/B50-110  | 50         | 110         |
|       | 搪孔刀座組 Boring bar tool holder /BMT75/B50-120  | 50         | 120         |
|       | 搪孔刀座組 Boring bar tool holder /BMT75/B50-125  | 50         | 125         |
|       | 搪孔刀座組 Boring bar tool holder /BMT75/B60-90   | 60         | 90          |
|       | 搪孔刀座組 Boring bar tool holder /BMT75/B80-120  | 80         | 120         |
| BMT85 | 搪孔刀座組 Boring bar tool holder /BMT85/B100-110 | 100        | 110         |

※ 上述皆為標配：中心出水

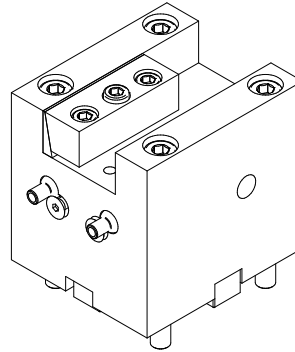
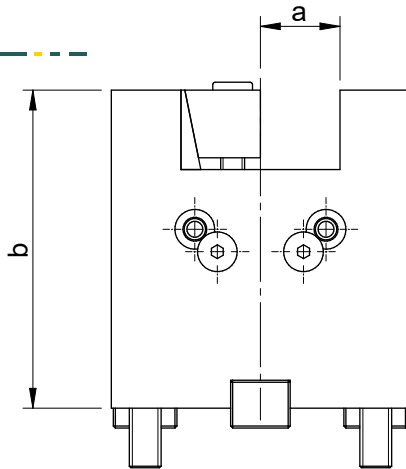
※ The above are standard : coolant supply internal



# 固定刀座

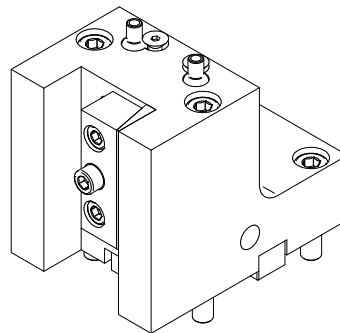
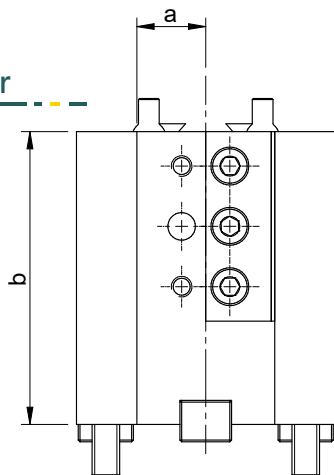
## Static Tool holder

端面刀座  
Facing Tool holder



| Type  | Specifications                          | a<br>Shank(mm) | b<br>Height(mm) |
|-------|-----------------------------------------|----------------|-----------------|
| BMT45 | 端面刀座組Facing Tool holder /BMT45/F20-80   | 25             | 80              |
| BMT55 | 端面刀座組Facing Tool holder /BMT55/F25-60   | 25             | 60              |
|       | 端面刀座組Facing Tool holder /BMT55/F25-110  | 25             | 110             |
| BMT65 | 端面刀座組Facing Tool holder /BMT65/F25-82.5 | 25             | 82.5            |
|       | 端面刀座組Facing Tool holder /BMT65/F25-120  | 25             | 120             |
| BMT75 | 端面刀座組Facing Tool holder /BMT75/F25-122  | 25             | 122             |
|       | 端面刀座組Facing Tool holder /BMT75/F32-122  | 32             | 122             |
|       | 端面刀座組Facing Tool holder /BMT75/F32-90   | 32             | 90              |
| BMT85 | 端面刀座組Facing Tool holder /BMT85/F40-110  | 40             | 110             |

外徑刀座  
Turning Tool holder

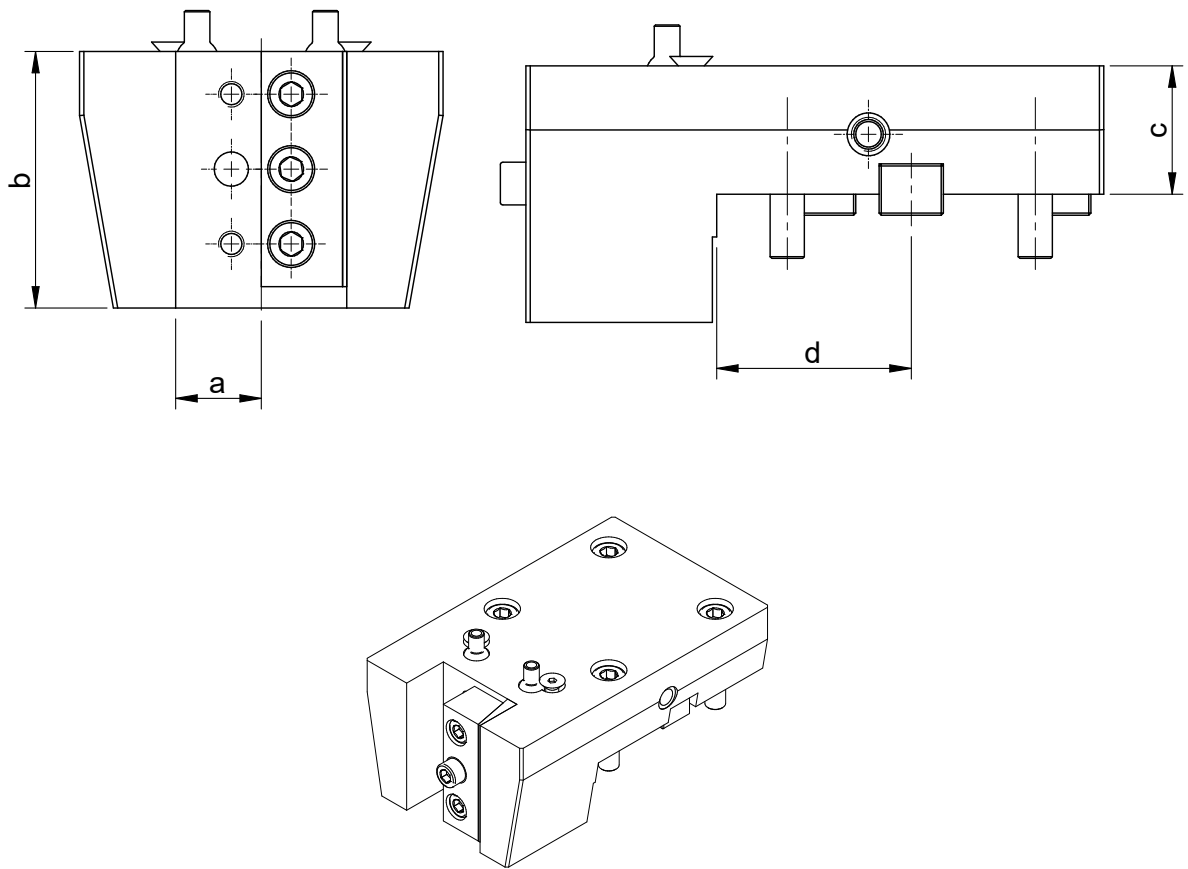


| Type  | Specifications                          | a<br>Shank(mm) | b<br>Height(mm) |
|-------|-----------------------------------------|----------------|-----------------|
| BMT45 | 外徑刀座組Turning Tool holder /BMT45/C20-60  | 20             | 60              |
|       | 外徑刀座組Turning Tool holder /BMT45/C20-85  | 20             | 85              |
|       | 外徑刀座組Turning Tool holder /BMT45/C25-40  | 25             | 40              |
| BMT55 | 外徑刀座組Turning Tool holder /BMT55/C20-80  | 20             | 80              |
|       | 外徑刀座組Turning Tool holder /BMT55/C25-60  | 25             | 60              |
|       | 外徑刀座組Turning Tool holder /BMT55/C25-80  | 25             | 80              |
| BMT65 | 外徑刀座組Turning Tool holder /BMT65/C25-75  | 25             | 75              |
| BMT75 | 外徑刀座組Turning Tool holder /BMT75/C25-100 | 25             | 100             |
|       | 外徑刀座組Turning Tool holder /BMT75/C32-100 | 32             | 100             |
| BMT85 | 外徑刀座組Turning Tool holder /BMT85/C40-90  | 40             | 90              |

# 固定刀座

## Static Tool holder

外徑刀座  
Turning Tool holder



| Type  | Specifications                        | a<br>Shank(mm) | b<br>Height(mm) | c<br>Height(mm) | d<br>Length(mm) |
|-------|---------------------------------------|----------------|-----------------|-----------------|-----------------|
| BMT45 | 外徑刀座組Turning Tool holder/BMT45/C20-30 | 20             | 60              | 30              | 45              |
| BMT55 | 外徑刀座組Turning Tool holder/BMT55/C20-30 | 20             | 80              | 30              | 50.2            |
|       | 外徑刀座組Turning Tool holder/BMT55/C25-30 | 25             | 80              | 30              | 50.2            |
| BMT65 | 外徑刀座組Turning Tool holder/BMT65/C25-30 | 25             | 72              | 30              | 55.5            |
| BMT75 | 外徑刀座組Turning Tool holder/BMT75/C32-40 | 32             | 90              | 40              | 56              |
|       | 外徑刀座組Turning Tool holder/BMT75/C32-70 | 32             | 115             | 70              | 56.5            |

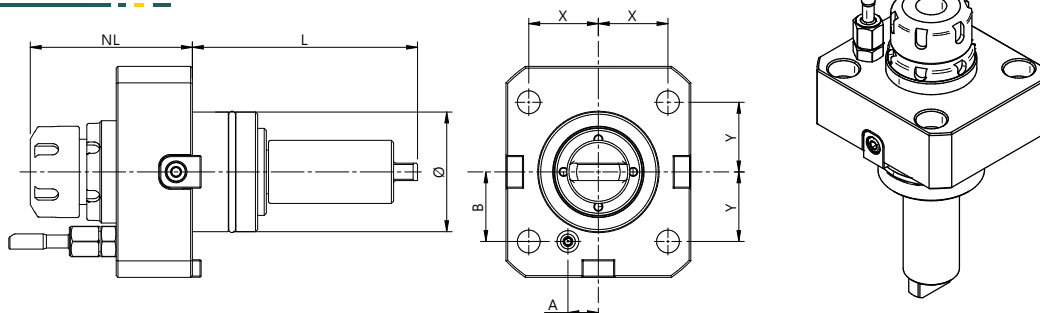
# 動力刀座

## Driven Tool holder

(Doosan 1809)

### 0° 動力刀座

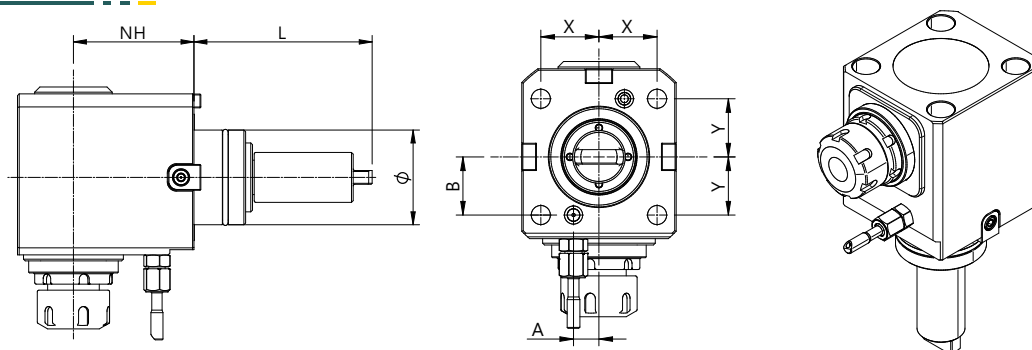
#### Straight driven Tool holder



| D     | ER | NL    | X    | Y  | A    | B  | L     | Coolant Supply | 編號        |
|-------|----|-------|------|----|------|----|-------|----------------|-----------|
| BMT45 | 20 | 69.5  | 29   | 29 | 16.5 | 29 | 84    | ext            | B45D-0017 |
| BMT45 | 25 | 72.5  | 29   | 29 | 16.5 | 29 | 84    | ext            | B45D-0008 |
| BMT45 | 25 | 72.5  | 29   | 29 | 16.5 | 29 | 84    | int            | B45D-0019 |
| BMT55 | 25 | 74.5  | 32   | 32 | 14   | 32 | 103.5 | ext            | B55D-0001 |
| BMT55 | 25 | 74.5  | 32   | 32 | 14   | 32 | 103.5 | int            | B55D-0013 |
| BMT55 | 32 | 74.5  | 32   | 32 | 14   | 32 | 103.5 | ext            | B55D-0003 |
| BMT55 | 32 | 78    | 32   | 32 | 14   | 32 | 103.5 | int            | B55D-0011 |
| BMT65 | 32 | 76.5  | 36.5 | 35 | 18   | 37 | 112   | ext            | B65D-0018 |
| BMT65 | 32 | 80    | 36.5 | 35 | 18   | 37 | 112   | int            | B65D-0026 |
| BMT65 | 40 | 81.5  | 36.5 | 35 | 18   | 37 | 112   | ext            | B65D-0002 |
| BMT75 | 40 | 81.5  | 45   | 45 | 33   | 33 | 109.8 | ext            | B75D-0001 |
| BMT75 | 40 | 84.5  | 45   | 45 | 33   | 33 | 109.8 | int            | B75D-0003 |
| BMT75 | 50 | 102.5 | 45   | 45 | 33   | 33 | 109.8 | int            | B75D-0009 |
| BMT85 | 50 | 102.3 | 50   | 50 | 45   | 35 | 140   | ext            | B85D-0003 |
| BMT85 | 50 | 102.3 | 50   | 50 | 45   | 35 | 140   | int            | B85D-0007 |

### 90° 動力刀座

#### 90° driven Tool holder



| D     | ER | NH  | X    | Y  | A    | B  | L     | Coolant Supply | 編號        |
|-------|----|-----|------|----|------|----|-------|----------------|-----------|
| BMT45 | 20 | 65  | 29   | 29 | 16.5 | 29 | 83    | ext            | B45D-0027 |
| BMT45 | 25 | 65  | 29   | 29 | 16.5 | 29 | 83    | ext            | B45D-0010 |
| BMT45 | 25 | 65  | 29   | 29 | 16.5 | 29 | 83    | int            | B45D-0020 |
| BMT55 | 25 | 70  | 32   | 32 | 14   | 32 | 103.5 | ext            | B55D-0002 |
| BMT55 | 25 | 70  | 32   | 32 | 14   | 32 | 103.5 | int            | B55D-0014 |
| BMT55 | 32 | 70  | 32   | 32 | 14   | 32 | 103.5 | ext            | B55D-0004 |
| BMT55 | 32 | 70  | 32   | 32 | 14   | 32 | 103.5 | int            | B55D-0017 |
| BMT65 | 32 | 72  | 36.5 | 35 | 18   | 37 | 112   | ext            | B65D-0017 |
| BMT65 | 40 | 72  | 36.5 | 35 | 18   | 37 | 112   | ext            | B65D-0016 |
| BMT75 | 40 | 60  | 45   | 45 | 33   | 33 | 109.8 | ext            | B75D-0011 |
| BMT75 | 40 | 90  | 45   | 45 | 33   | 33 | 109.8 | ext            | B75D-0012 |
| BMT75 | 40 | 60  | 45   | 45 | 33   | 33 | 109.8 | int            | B75D-0004 |
| BMT75 | 40 | 90  | 45   | 45 | 33   | 33 | 109.8 | int            | B75D-0008 |
| BMT75 | 50 | 60  | 45   | 45 | 33   | 33 | 109.8 | int            | B75D-0010 |
| BMT85 | 50 | 110 | 50   | 50 | 45   | 35 | 140   | ext            | B85D-0004 |
| BMT85 | 50 | 110 | 50   | 50 | 45   | 35 | 140   | int            | B85D-0009 |

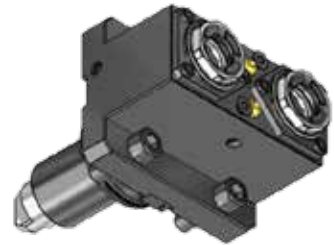
**BMT滾齒動力刀座**  
Gear Hobbing unit



**BMT插槽動力刀座**  
Broaching unit



**BMT軸向雙頭鑽銑動力刀座**  
Axial milling and drilling  
driven tool holder double heads



**BMT萬向動力刀座**  
Universal driven tool holder



**VDI滾齒動力刀座**  
Gear Hobbing unit



**雙搪孔刀座**  
Dual boring bar tool holder



提供各型式歐美及日系介面刀座  
Various tool holder interfaces available

DIN5480



DIN5482



DIN1809



SPUR MT TOEM  
(Baruffaldi)



Okuma



HASS



DOOSAN



MAZAK



MoriSeiki



Nakamura



※ 請洽營業單位  
※ Contact with GPM sales team for more details



**綜合機型系列刀座**  
**Universal Machine**  
**Tool Series Tool Holder**

修訂 2025/04/16

We reserve the right to make technical modifications and project design changes without prior notice.

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# DMG MORI

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德馬吉森精機

# 01

DMG MORI

德馬吉森精機

BMT 40

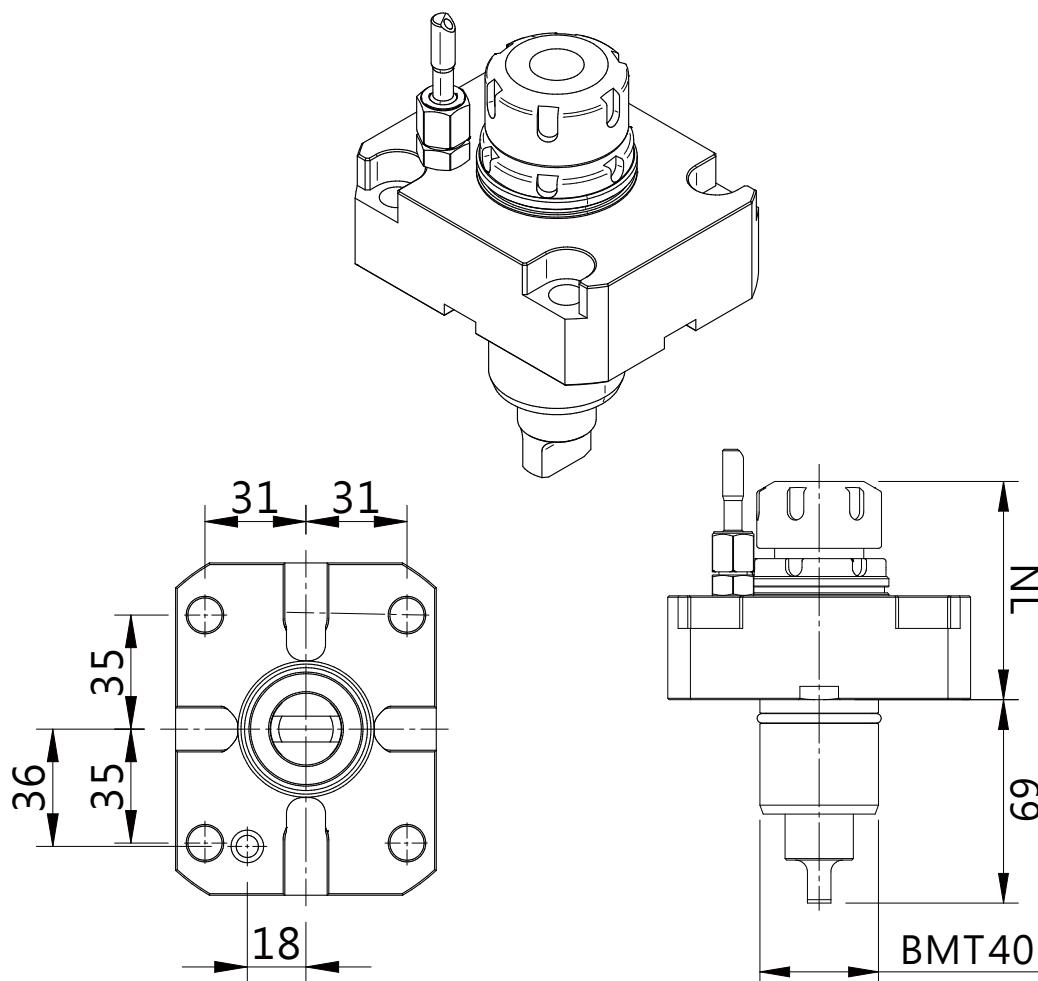
動力刀座

Driven Tool Holder

|           |                                 |
|-----------|---------------------------------|
| Brand     | DMG MORI                        |
| Model     | NZX1500-2000/<br>NZX2500;CLX450 |
| Interface | BMT40 L=69                      |

0° 動力刀座

0 Degree



單位(Unit) : mm

| ER   | NL   | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note      | 編碼<br>Coding No |
|------|------|---------------------|-------------|------------------------|-----------|-------------|-----------------|-----------------|
| ER25 | 74.5 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -               | DMD-0002        |
| ER25 | 74.5 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -               | DMD-xxxx        |
| ER32 | 74.5 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -               | DMD-0009        |
| ER32 | 74.5 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -               | DMD-xxxx        |
| -    | 73   | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 側銑 Side Milling | DMD-0014        |



DMG MORI

德馬吉森精機

BMT 40

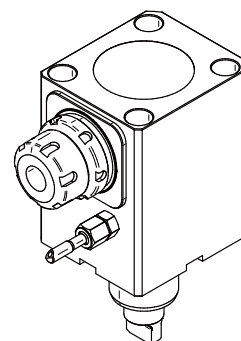
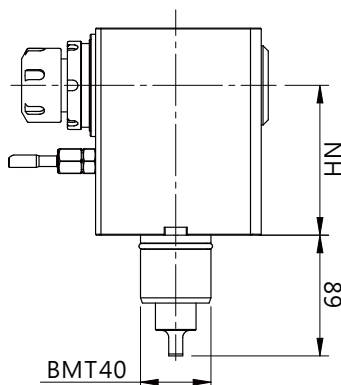
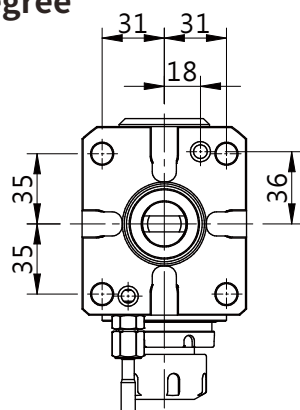
動力刀座

Driven Tool Holder

|           |                                 |
|-----------|---------------------------------|
| Brand     | DMG MORI                        |
| Model     | NZX1500-2000/<br>NZX2500;CLX450 |
| Interface | BMT40 L=69                      |

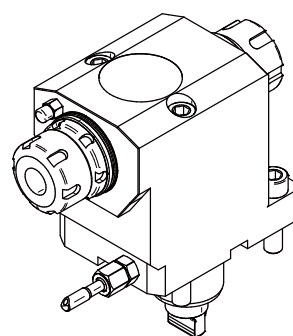
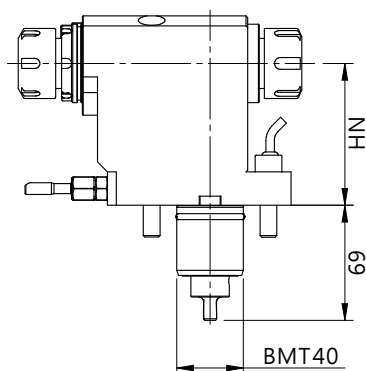
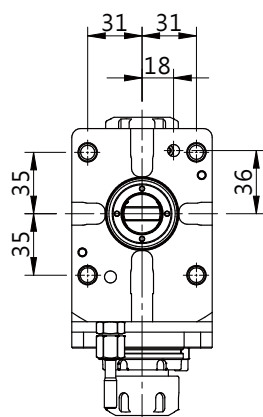
90° 動力刀座

90 Degree



單位(Unit) : mm

| ER   | NH | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|----|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER25 | 85 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | DMD-0003        |
| ER25 | 85 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | DMD-xxxx        |
| ER32 | 85 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | DMD-0001        |
| ER32 | 85 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | DMD-xxxx        |



單位(Unit) : mm

| ER   | NH | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note    | 編碼<br>Coding No |
|------|----|---------------------|-------------|------------------------|-----------|-------------|---------------|-----------------|
| ER25 | 85 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 雙頭 Dual Heads | DMD-0004        |

萬向 Universal

單位(Unit) : mm

| ER   | L     | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|-------|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER16 | 55.75 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | DMD-0015        |

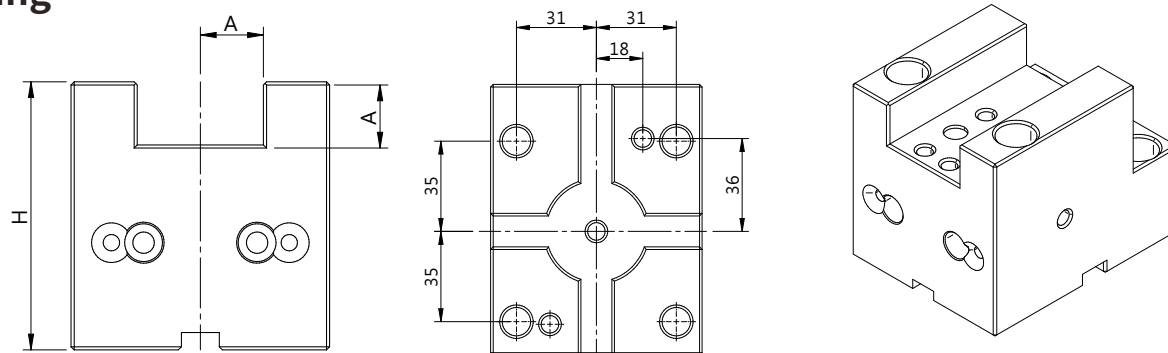
# DMG MORI

德馬吉森精機 固定刀座  
Static Tool Holder

## BMT 40

|           |                                 |
|-----------|---------------------------------|
| Brand     | DMG MORI                        |
| Model     | NZX1500-2000/<br>NZX2500;CLX450 |
| Interface | BMT40 L=69                      |

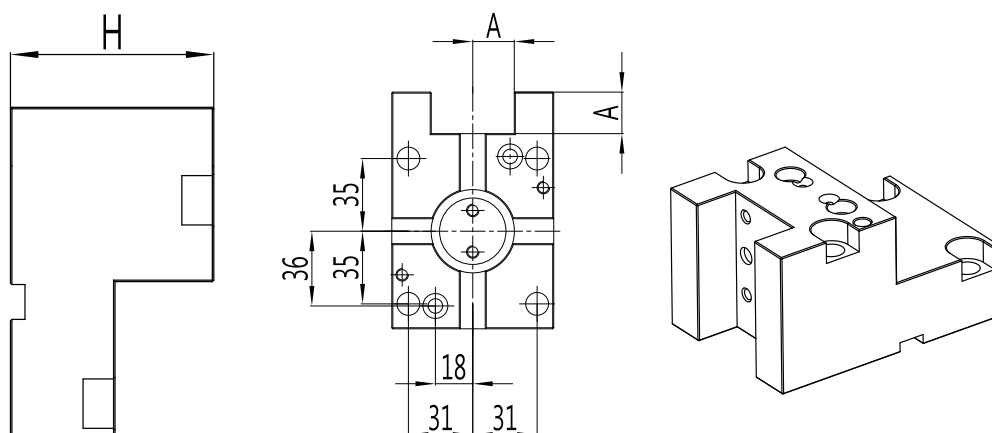
### 端面(F) Facing



單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 20              | 85 | -                      | -          | DMS-0005        |
| 25              | 80 | -                      | -          | DMS-0001        |
| 25              | 85 | -                      | -          | DMS-0006        |

### 外徑(C) Turning



單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note    | 編碼<br>Coding No |
|-----------------|----|------------------------|---------------|-----------------|
| 20              | 70 | -                      | -             | DMS-0013        |
| 20              | 70 | -                      | 雙頭 Dual Heads | DMS-0014        |
| 25              | 70 | -                      | -             | DMS-0002        |

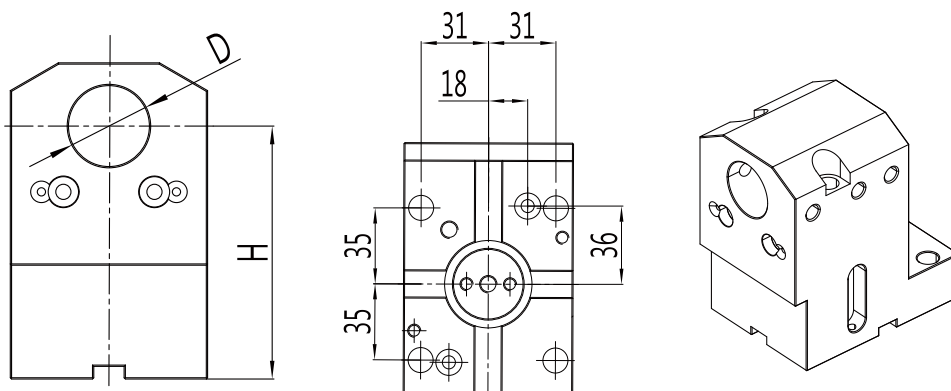
# DMG MORI

德馬吉森精機 固定刀座  
Static Tool Holder

## BMT 40

|           |                                 |
|-----------|---------------------------------|
| Brand     | DMG MORI                        |
| Model     | NZX1500-2000/<br>NZX2500;CLX450 |
| Interface | BMT40 L=69                      |

### 內孔(B) Boring Bar



單位(Unit) : mm

| 孔徑<br>Diameter (D) | NH<br>(H) | 出水方式<br>Coolant Supply | 備註<br>Note    | 編碼<br>Coding No |
|--------------------|-----------|------------------------|---------------|-----------------|
| 32                 | 100       | 中心出水<br>int            | -             | DMS-0003        |
| 32                 | 100       | 外出水<br>ext             | -             | DMS-0004        |
| 32                 | 100       | 外出水<br>ext             | 雙向 Dual Sides | DMS-0015        |
| 40                 | 100       | 外出水<br>ext             | -             | DMS-xxxx        |
| 40                 | 100       | 中心出水<br>int            | -             | DMS-0012        |

### 切斷(H) Cut-off

單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 20              | 70 | -                      | -          | DMS-0008        |

※如需其他規格刀座或其他配件(測試棒、原點規),請聯繫霄特業務團隊  
 ※For other tool holder or accessory specs (e.g., test mandrel, origin gauge),  
 please contact the GPM sales team.

DMG MORI

德馬吉森精機

BMT 60

動力刀座

Driven Tool Holder

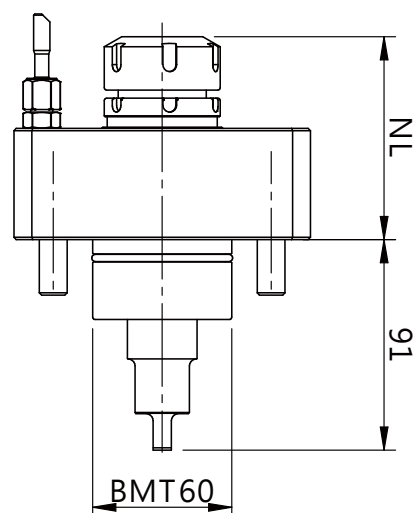
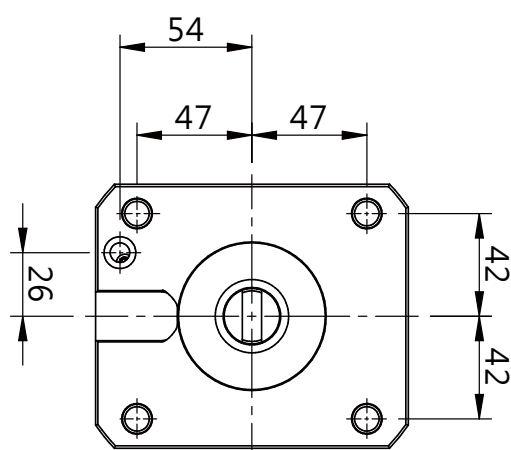
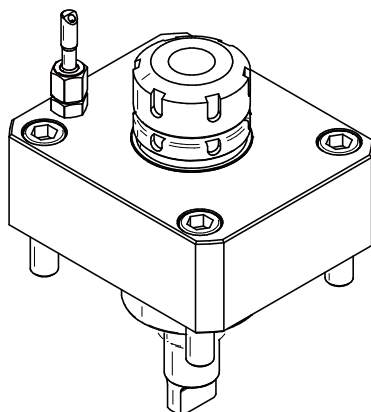
Brand DMG MORI

Model NL/NZ/NZX

Interface BMT60 L=91

0° 動力刀座

0 Degree



單位(Unit) : mm

| ER   | NL   | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note             | 編碼<br>Coding No |
|------|------|---------------------|-------------|------------------------|-----------|-------------|------------------------|-----------------|
| ER32 | 91   | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                      | DMD-0007        |
| ER32 | 91   | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                      | DMD-xxxx        |
| ER40 | 81.5 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                      | DMD-0006        |
| ER40 | 81.5 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                      | DMD-xxxx        |
| -    | 81.5 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 側銑<br>Side Milling Ø27 | DMD-0012        |

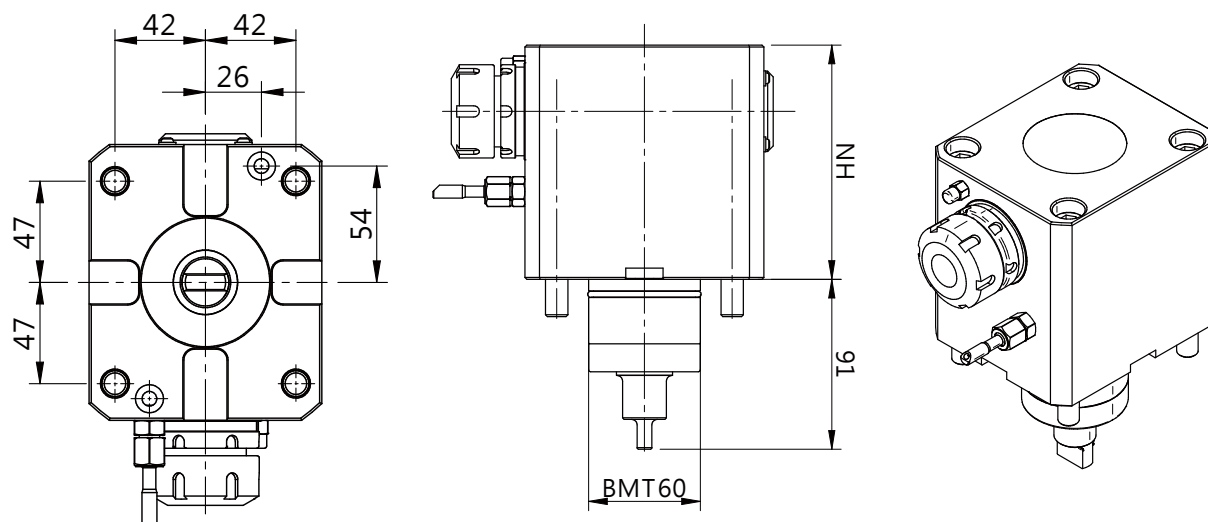
# DMG MORI

德馬吉森精機 動力刀座  
Driven Tool Holder

## BMT 60

|           |            |
|-----------|------------|
| Brand     | DMG MORI   |
| Model     | NL/NZ/NZX  |
| Interface | BMT60 L=91 |

90° 動力刀座  
90 Degree



單位(Unit) : mm

| ER   | NH | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note    | 編碼<br>Coding No |
|------|----|---------------------|-------------|------------------------|-----------|-------------|---------------|-----------------|
| ER32 | 70 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -             | DMD-0008        |
| ER32 | 70 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -             | DMD-xxxx        |
| ER32 | 91 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -             | DMD-0010        |
| ER32 | 90 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -             | DMD-xxxx        |
| ER32 | 90 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 雙頭 Dual Heads | DMD-0011        |
| ER40 | 90 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -             | DMD-0005        |
| ER40 | 90 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -             | DMD-xxxx        |

## 萬向 Universal

單位(Unit) : mm

| ER   | L     | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|-------|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER25 | 88.75 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | DMD-0013        |

**DMG MORI**

德馬吉森精機

**BMT 60**

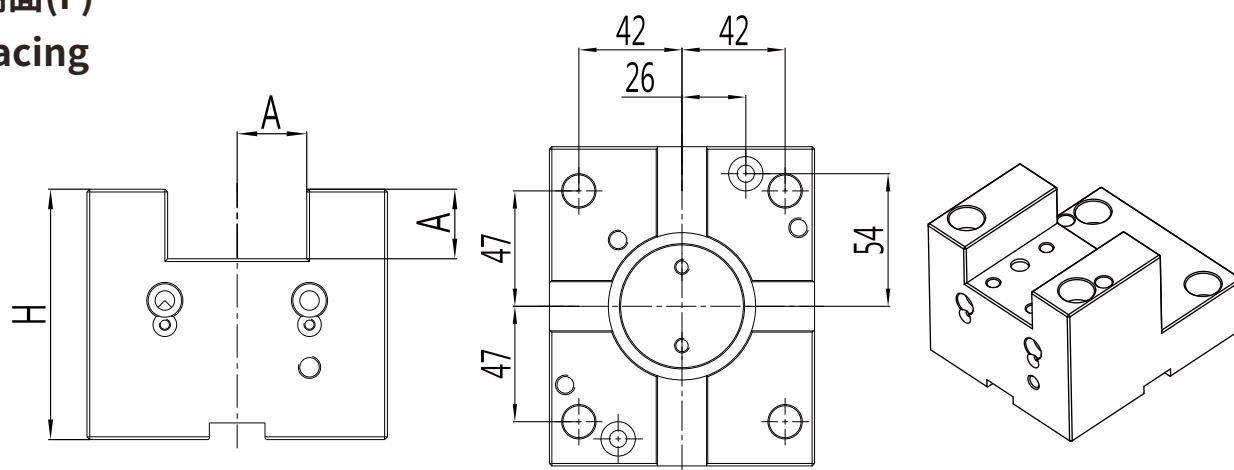
固定刀座

Static Tool Holder

|           |            |
|-----------|------------|
| Brand     | DMG MORI   |
| Model     | NL/NZ/NZX  |
| Interface | BMT60 L=91 |

端面(F)

Facing

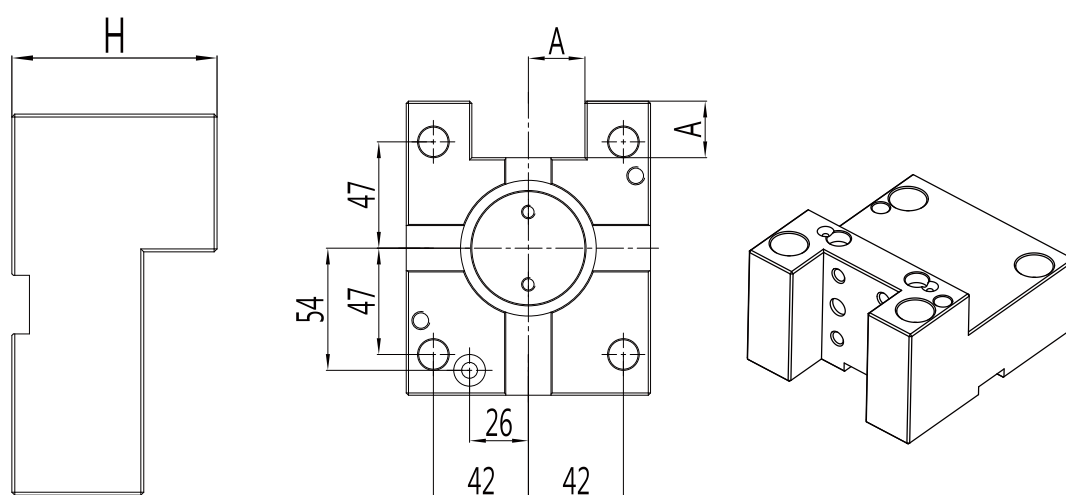


單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 25              | 90 | -                      | -          | DMS-0011        |

外徑(C)

Turning



單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note    | 編碼<br>Coding No |
|-----------------|----|------------------------|---------------|-----------------|
| 25              | 70 | -                      | -             | DMS-0016        |
| 25              | 70 | -                      | 雙頭 Dual Heads | DMS-0017        |

DMG MORI

德馬吉森精機

BMT 60

固定刀座

Static Tool Holder

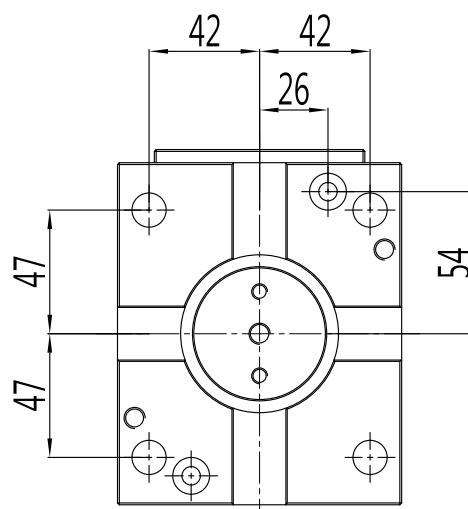
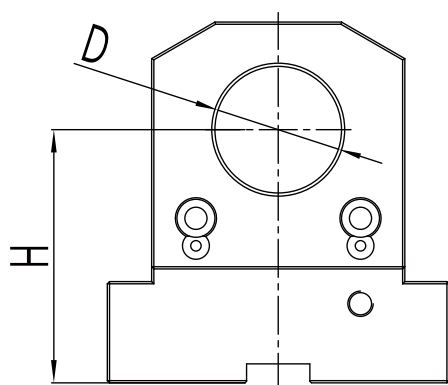
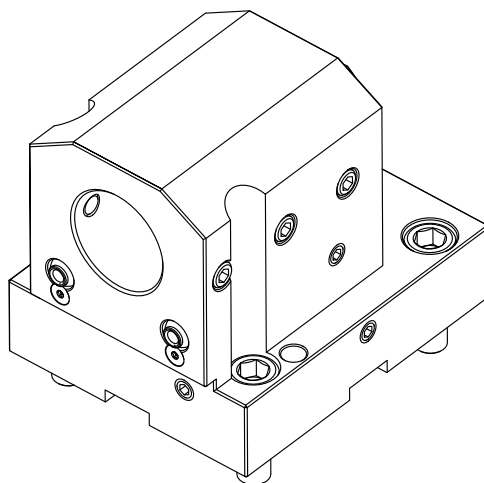
Brand DMG MORI

Model NL/NZ/NZX

Interface BMT60 L=91

內孔(B)

Boring Bar



單位(Unit) : mm

| 孔徑<br>Diameter (D) | NH<br>(H) | 出水方式<br>Coolant Supply | 備註<br>Note    | 編碼<br>Coding No |
|--------------------|-----------|------------------------|---------------|-----------------|
| 40                 | 80        | 外出水<br>ext             | -             | DMS-0018        |
| 40                 | 80        | 中心出水<br>int            | -             | DMS-xxxx        |
| 40                 | 80        | 外出水<br>ext             | 雙頭 Dual Heads | DMS-0019        |

※如需其他規格刀座或其他配件(測試棒·原點規),請聯繫霄特業務團隊

※For other tool holder or accessory specs (e.g., test mandrel, origin gauge), please contact the GPM sales team.



# MAZAK

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馬扎克

# 02



# MAZAK

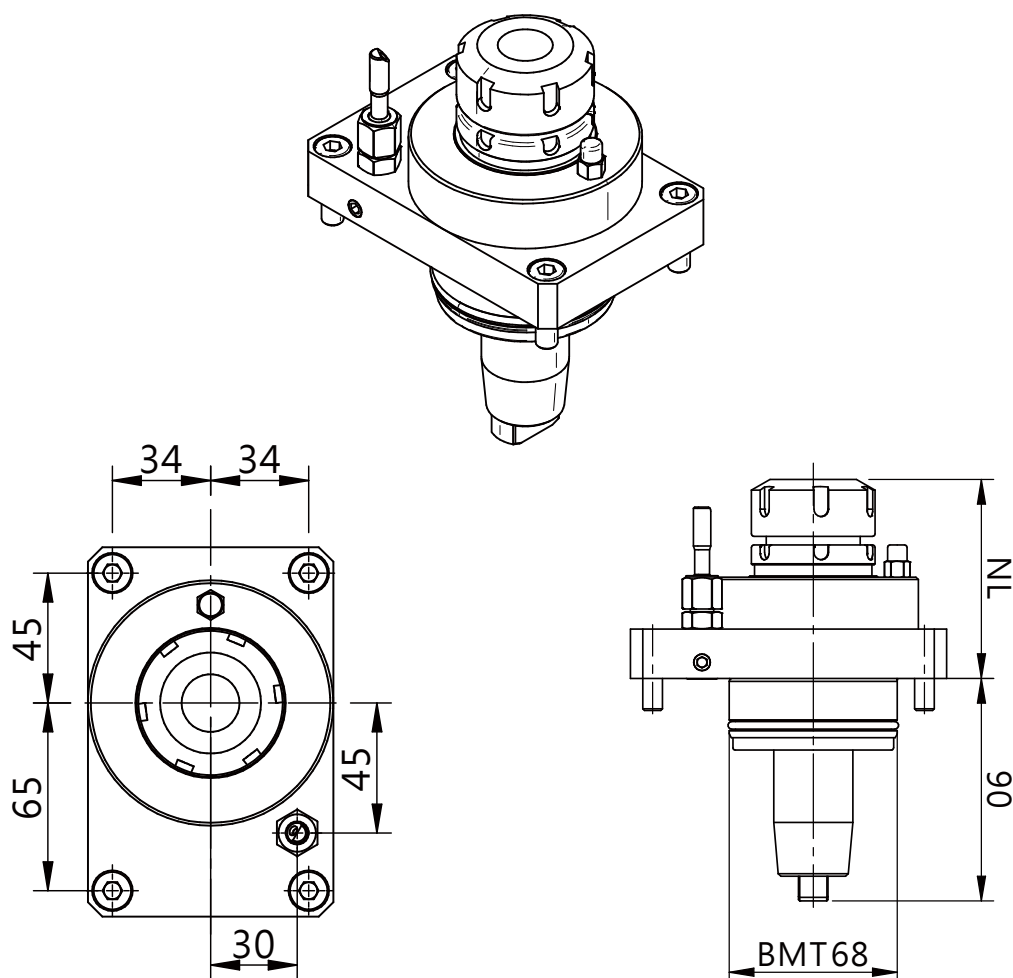
馬扎克

## BMT 68

### 動力刀座 Driven Tool Holder

|           |                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------|
| Brand     | MAZAK                                                                                                         |
| Model     | QT/QTS 100MJMY/MS/MSY; QT/QTS 200-250, M/MY/MS/MSY; QT 200, 250 M/MY/MS/MSY(16D); QTC/QTU 100-350 M/MY/MS/MSY |
| interface | BMT68 L=90                                                                                                    |

0° 動力刀座  
0 Degree

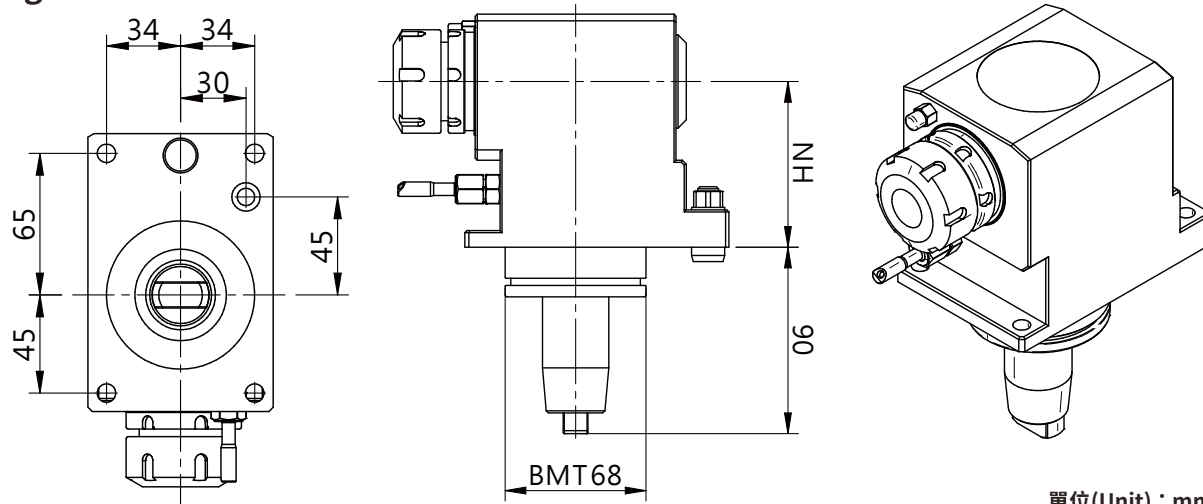


單位(Unit) : mm

| ER   | NL    | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note                                        | 編碼<br>Coding No |
|------|-------|---------------------|-------------|------------------------|-----------|-------------|---------------------------------------------------|-----------------|
| ER25 | 117.5 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 雙頭 Dual Heads<br>偏心 Offset<br>(偏心距 distance=77mm) | MZD-0007        |
| ER32 | 70    | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                                                 | MZD-0001        |
| ER32 | 70    | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                                                 | MZD-xxxx        |
| ER32 | 81.5  | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                                                 | MZD-xxxx        |
| ER32 | 81.5  | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                                                 | MZD-0003        |

|                  |                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Brand</b>     | <b>MAZAK</b>                                                                                                                             |
| <b>Model</b>     | <b>QT/QTS 100MJMY/MS/<br/>MSY;QT/QTS 200-250,<br/>M/MY/MS/MSY;QT 200,<br/>250 M/MY/MS/MSY(16D);<br/>QTC/QTU 100-350 M/MY/<br/>MS/MSY</b> |
| <b>interface</b> | <b>BMT68 L=90</b>                                                                                                                        |

**90° 動力刀座**  
**90 Degree**



單位(Unit)：mm

| ER   | NH  | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note                 | 編碼<br>Coding No |
|------|-----|---------------------|-------------|------------------------|-----------|-------------|----------------------------|-----------------|
| ER25 | 85  | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 單向雙頭<br>One-way Dual Heads | MZD-0008        |
| ER25 | 85  | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 雙頭 Dual Heads              | MZD-0012        |
| ER25 | 100 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 多頭(4) Multi Heads(4)       | MZD-0013        |
| ER32 | 80  | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                          | MZD-0002        |
| ER32 | 80  | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                          | MZD-0004        |
| -    | 95  | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 3000      | -           | 刮齒<br>Skiving (刀具孔徑 Ø25.4) | MZD-0009        |

## 滾齒 Hobbing

單位(Unit) : mm

| ER | L   | 內/外牙<br>int/ext nut | 齒比<br>Ratio           | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|----|-----|---------------------|-----------------------|------------------------|-----------|-------------|------------|-----------------|
| -  | 131 | -                   | 2:1<br>(減速 Reduction) | 外出水<br>ext             | 3000      | -           | 刀具孔徑 Ø13   | MZD-0010        |

## 插齒/槽 Broaching

單位(Unit)：mm

| ER | L | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note                                    | 編碼<br>Coding No |
|----|---|---------------------|-------------|------------------------|-----------|-------------|-----------------------------------------------|-----------------|
| -  | - | -                   | 1:1         | 外出水<br>ext             | 500       | -           | 自動抬刀<br>Auto tool retraction<br>行程Stroke 35mm | MZD-0011        |

# MAZAK

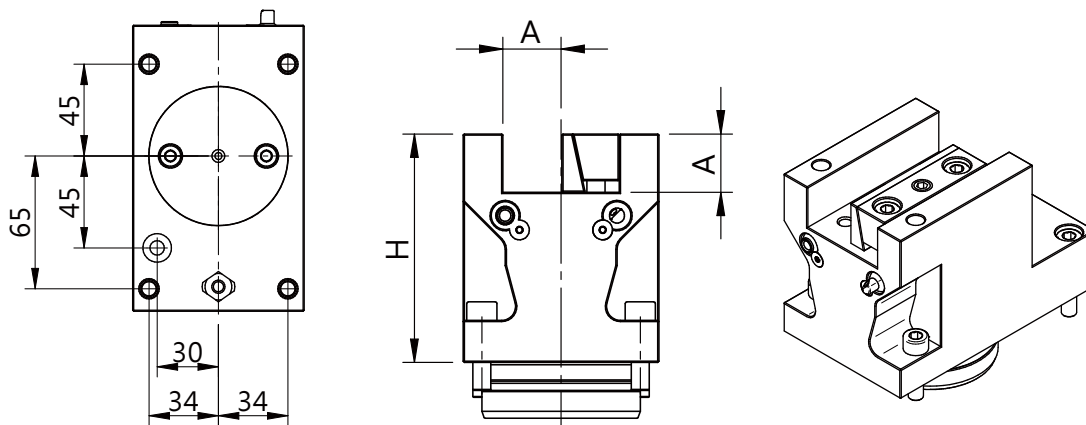
馬扎克

## BMT 68

### 固定刀座 Static Tool Holder

|           |                                                                                                             |
|-----------|-------------------------------------------------------------------------------------------------------------|
| Brand     | MAZAK                                                                                                       |
| Model     | QT/QTS 100MJMY/MS/MSY;QT/QTS 200-250, M/MY/MS/MSY;QT 200, 250 M/MY/MS/MSY(16D); QTC/QTU 100-350 M/MY/MS/MSY |
| interface | BMT68 L=90                                                                                                  |

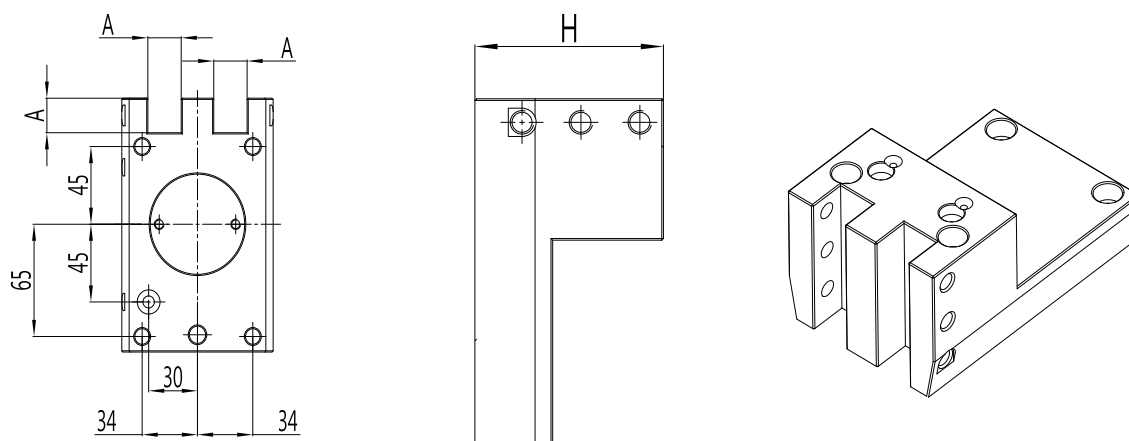
#### 端面(F) Facing



單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 25              | 98 | -                      | -          | MZS-0009        |

#### 外徑(C) Turning



單位(Unit) : mm

| 刀柄<br>Shank (A) | H   | 出水方式<br>Coolant Supply | 備註<br>Note                          | 編碼<br>Coding No |
|-----------------|-----|------------------------|-------------------------------------|-----------------|
| 20              | 80  | -                      | 雙頭 Dual Heads                       | MZS-0001        |
| 20              | 80  | -                      | 雙向雙頭<br>Bi-Directional Dual Heads   | MZS-0004        |
| 20              | 100 | -                      | 雙頭 Dual Heads<br>半分割(15°)Half Split | MZS-0005        |
| 20              | 100 | -                      | 半分割(15°) Half Split                 | MZS-0010        |
| 25              | 80  | -                      | -                                   | MZS-0011        |

# MAZAK

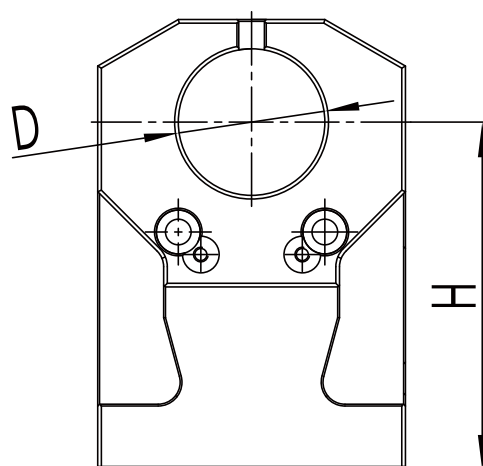
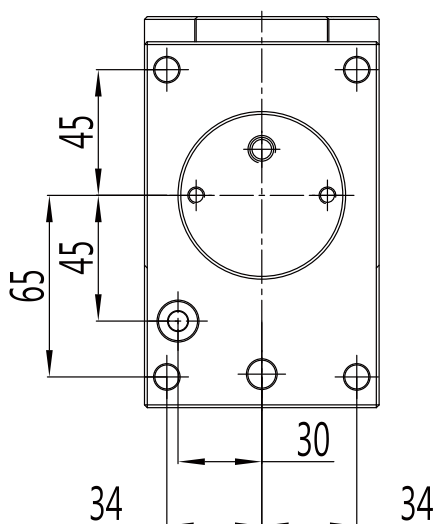
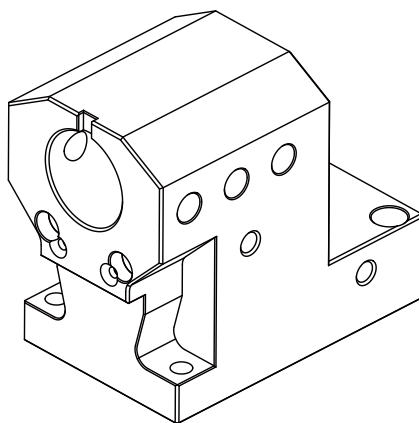
馬扎克

## BMT 68

### 固定刀座 Static Tool Holder

|           |                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------|
| Brand     | MAZAK                                                                                                         |
| Model     | QT/QTS 100MJMY/MS/MSY; QT/QTS 200-250, M/MY/MS/MSY; QT 200, 250 M/MY/MS/MSY(16D); QTC/QTU 100-350 M/MY/MS/MSY |
| interface | BMT68 L=90                                                                                                    |

### 內孔(B) Boring Bar



單位(Unit) : mm

| 孔徑<br>Diameter (D) | NH | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|--------------------|----|------------------------|------------|-----------------|
| 32                 | 95 | 外出水<br>ext.            | -          | MZS-xxxx        |
| 32                 | 95 | 中心出水<br>int.           | -          | MZS-0002        |
| 40                 | 95 | 外出水<br>ext.            | -          | MZS-xxxx        |
| 40                 | 95 | 中心出水<br>int.           | -          | MZS-0003        |

※如需其他規格刀座或其他配件(測試棒·原點規),請聯繫霄特業務團隊  
 ※For other tool holder or accessory specs (e.g., test mandrel, origin gauge), please contact the GPM sales team.

# MAZAK

馬扎克

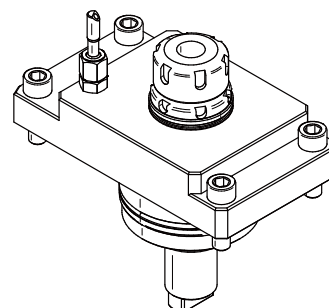
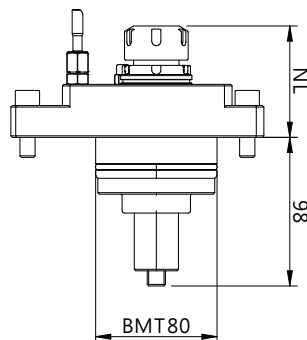
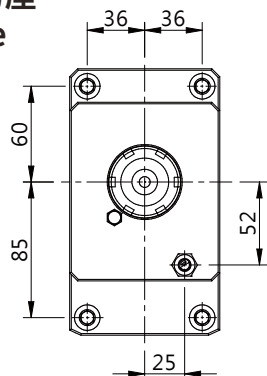
## BMT 80

### 動力刀座 Driven Tool Holder

|           |                                |
|-----------|--------------------------------|
| Brand     | MAZAK                          |
| Model     | QT/OTS 300,<br>350 M/MY/MS/MSY |
| Interface | BMT80 L=98                     |

0° 動力刀座

0 Degree

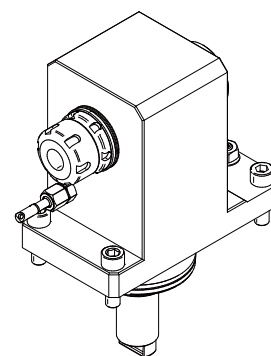
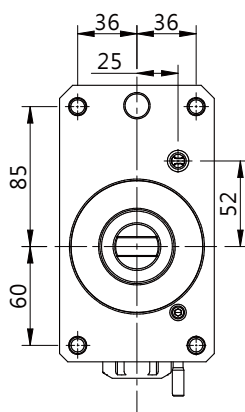
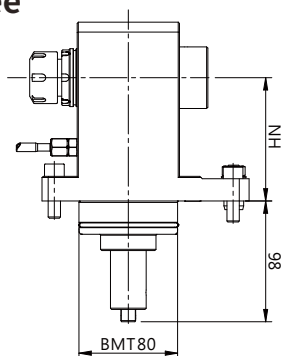


單位(Unit) : mm

| ER   | NL    | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note                   | 編碼<br>Coding No |
|------|-------|---------------------|-------------|------------------------|-----------|-------------|------------------------------|-----------------|
| ER25 | 74.5  | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                            | MZD-xxxx        |
| ER25 | 74.5  | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                            | MZD-0005        |
| ER25 | 114.7 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 雙頭Dual Heads<br>中心距 PCD=72mm | MZD-0015        |

90° 動力刀座

90 Degree



單位(Unit) : mm

| ER   | NH  | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note   | 編碼<br>Serial No. |
|------|-----|---------------------|-------------|------------------------|-----------|-------------|--------------|------------------|
| ER25 | 100 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -            | MZD-xxxx         |
| ER25 | 100 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -            | MZD-0006         |
| ER32 | 114 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 雙頭Dual Heads | MZD-0017         |
| ER40 | 100 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -            | MZD-xxxx         |
| ER40 | 100 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -            | MZD-0014         |

# MAZAK

馬扎克

## BMT 80

### 動力刀座 Driven Tool Holder

|           |                                |
|-----------|--------------------------------|
| Brand     | MAZAK                          |
| Model     | QT/OTS 300,<br>350 M/MY/MS/MSY |
| Interface | BMT80 L=98                     |

### 萬向 Universal

單位(Unit) : mm

| ER   | L  | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|----|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER32 | 72 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | MZD-0019        |

### 滾齒 Hobbing

單位(Unit) : mm

| ER | L      | 內/外牙<br>int/ext nut | 齒比<br>Ratio                | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note             | 編碼<br>Coding No |
|----|--------|---------------------|----------------------------|------------------------|-----------|-------------|------------------------|-----------------|
| -  | 161.75 | -                   | 2:1<br>(減速)<br>(Reduction) | 外出水<br>ext             | 3000      | -           | 最大加工直徑<br>Max Dia ø225 | MZD-0016        |

### 插齒/槽 Broaching

單位(Unit) : mm

| ER | L   | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note                                     | 編碼<br>Coding No |
|----|-----|---------------------|-------------|------------------------|-----------|-------------|------------------------------------------------|-----------------|
| -  | 100 | -                   | 1:1         | 外出水<br>ext             | 400       | -           | 自動抬刀<br>Auto tool retraction<br>行程 Stroke 35mm | MZD-0018        |

# MAZAK

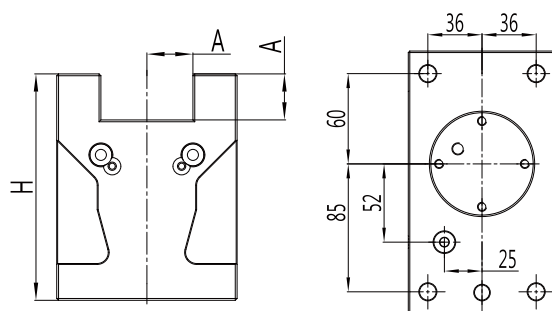
馬扎克

## BMT 80

### 固定刀座 Static Tool Holder

|           |                                |
|-----------|--------------------------------|
| Brand     | MAZAK                          |
| Model     | QT/OTS 300,<br>350 M/MY/MS/MSY |
| Interface | BMT80 L=98                     |

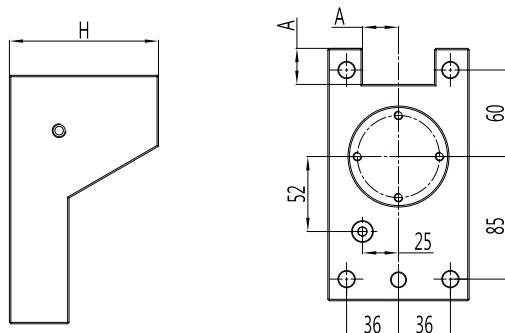
#### 端面(F) Facing



單位(Unit) : mm

| 刀柄<br>Shank (A) | H   | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|-----|------------------------|------------|-----------------|
| 25              | 123 | -                      | -          | MZS-0008        |

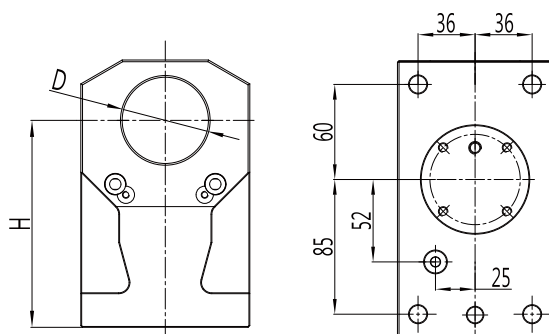
#### 外徑(C) Turning



單位(Unit) : mm

| 刀柄<br>Shank (A) | H   | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|-----|------------------------|------------|-----------------|
| 25              | 105 | -                      | -          | MZS-0007        |

#### 內孔(B) Boring Bar



單位(Unit) : mm

| 孔徑<br>Diameter (D) | NH<br>(H) | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|--------------------|-----------|------------------------|------------|-----------------|
| 50                 | 120       | 外出水<br>ext             | -          | MZS-xxxx        |
| 50                 | 120       | 中心出水<br>int            | -          | MZS-0006        |

※如需其他規格刀座或其他配件(測試棒、原點規),請聯繫霄特業務團隊

※For other tool holder or accessory specs (e.g., test mandrel, origin gauge), please contact the GPM sales team.



# Nakamura-Tome

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中村留

03



# Nakamura-Tome

中村留

BMT 55

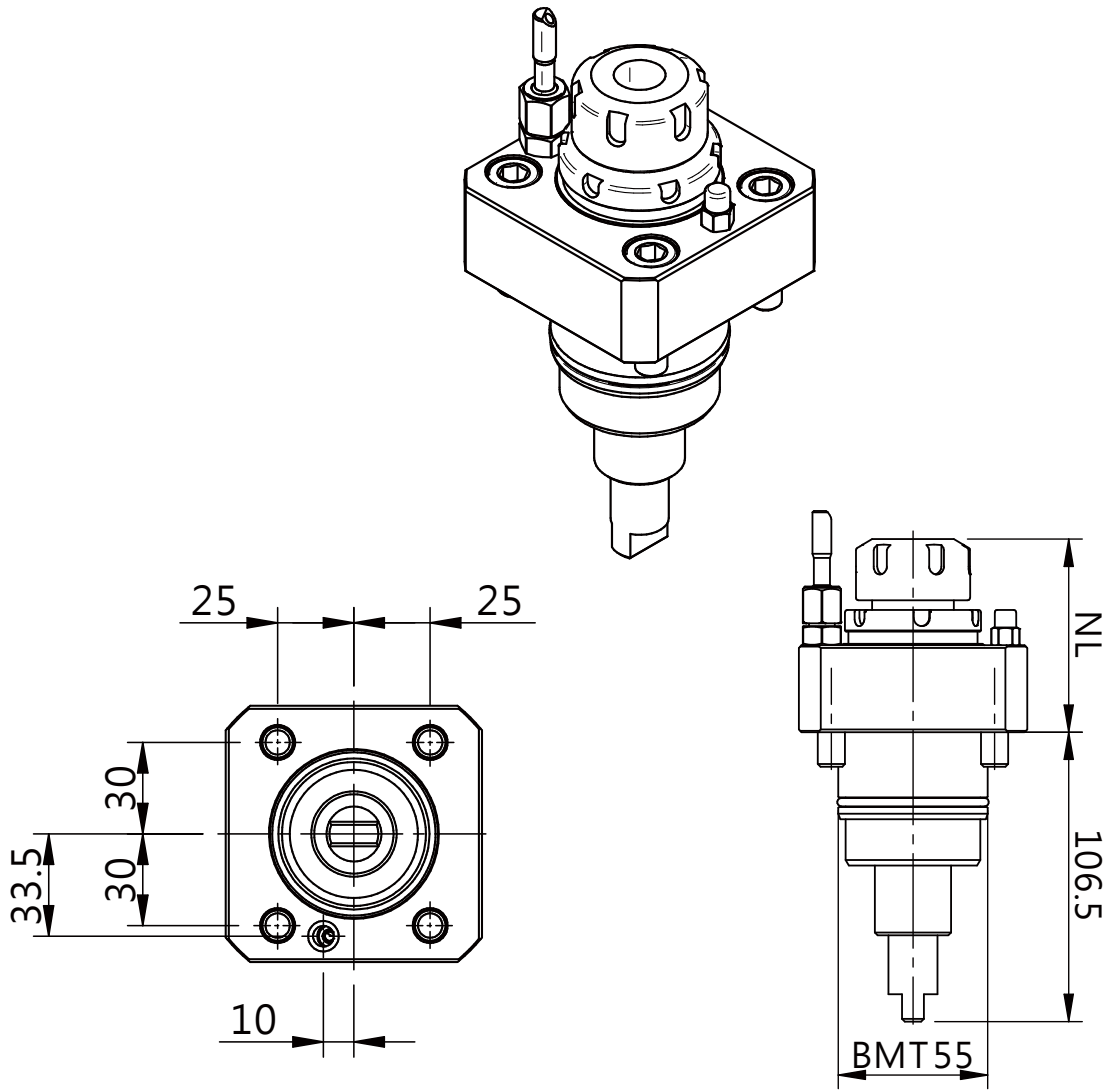
動力刀座

Driven Tool Holder

0° 動力刀座  
0 Degree

|           |                                                                                                                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| Brand     | Nakamura-Tome                                                                                                                   |
|           | NTY-150,250,WY-150,<br>250/SC-150/SC-200/<br>SC-250/WT-150, WT-150 II,<br>WT-250 II/WT-250/<br>Super NTJ/Super NTM <sup>3</sup> |
| Model     |                                                                                                                                 |
| Interface | BMT55 L=106.5                                                                                                                   |

Nakamura-Tome



單位(Unit) : mm

| ER   | NL   | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note         | 編碼<br>Coding No |
|------|------|---------------------|-------------|------------------------|-----------|-------------|--------------------|-----------------|
| ER25 | 67.5 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                  | NKD-0002        |
| ER32 | 67.5 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                  | NKD-xxxx        |
| -    | 71   | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 側銑 Side MillingØ22 | NKD-0006        |

# Nakamura-Tome

中村留

BMT 55

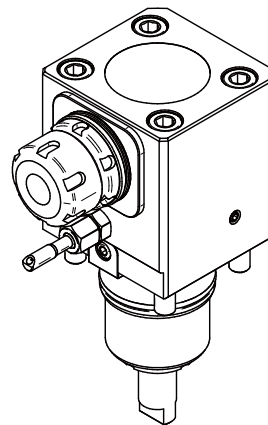
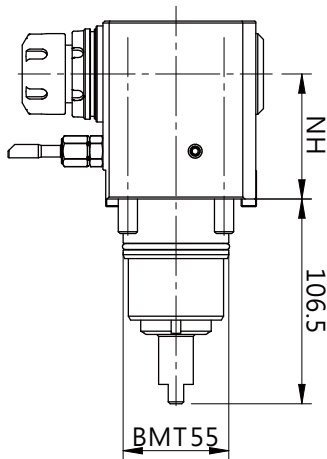
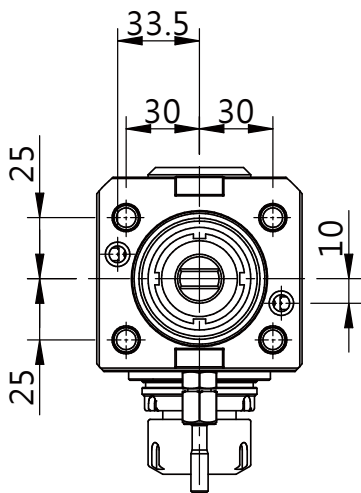
動力刀座

Driven Tool Holder

90° 動力刀座

90 Degree

|           |                                                                                                                  |
|-----------|------------------------------------------------------------------------------------------------------------------|
| Brand     | Nakamura-Tome                                                                                                    |
|           | NTY-150,250,WY-150,250/SC-150/SC-200/SC-250/WT-150, WT-150 II, WT-250 II/WT-250/Super NTJ/Super NTM <sup>3</sup> |
| Model     |                                                                                                                  |
| Interface | BMT55 L=106.5                                                                                                    |



單位(Unit) : mm

| ER   | NH | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|----|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER25 | 55 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | NKD-0001        |
| ER25 | 55 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | NKD-xxxx        |
| ER25 | 65 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | NKD-0004        |
| ER25 | 65 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | 75          | -          | NKD-xxxx        |
| ER25 | 90 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | NKD-0003        |
| ER25 | 90 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | NKD-xxxx        |

## 萬向 Universal

單位(Unit) : mm

| ER   | L     | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|-------|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER16 | 55.75 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | NKD-0007        |

# Nakamura-Tome

中村留

BMT 55

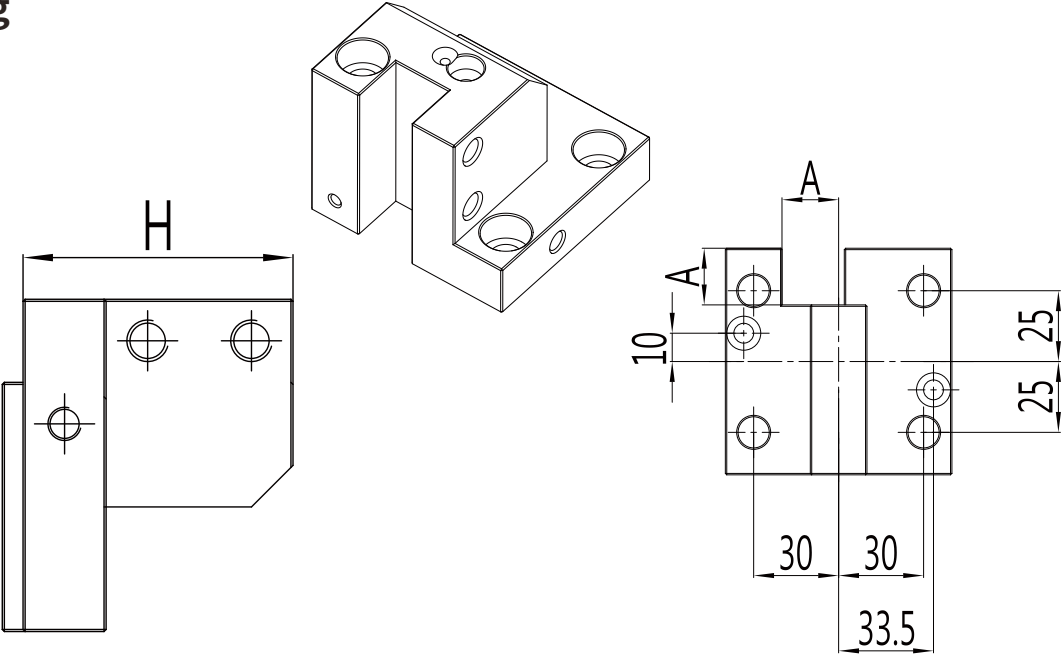
固定刀座

Static Tool Holder

|           |                                                                                                                  |
|-----------|------------------------------------------------------------------------------------------------------------------|
| Brand     | Nakamura-Tome                                                                                                    |
|           | NTY-150,250,WY-150,250/SC-150/SC-200/SC-250/WT-150, WT-150 II, WT-250 II/WT-250/Super NTJ/Super NTM <sup>3</sup> |
| Model     |                                                                                                                  |
| Interface | BMT55 L=106.5                                                                                                    |

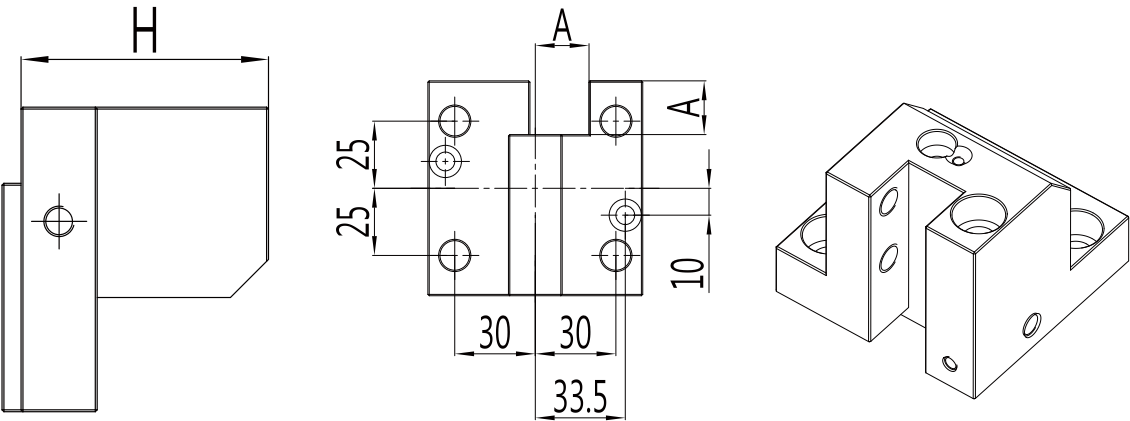
外徑(C)

Turning



單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 20              | 65 | -                      | 上 Upward   | NKS-0002        |



單位(Unit) : mm

| 刀柄<br>Shank(A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|----------------|----|------------------------|------------|-----------------|
| 20             | 65 | -                      | 下 Downward | NKS-0005        |

# Nakamura-Tome

中村留

BMT 55

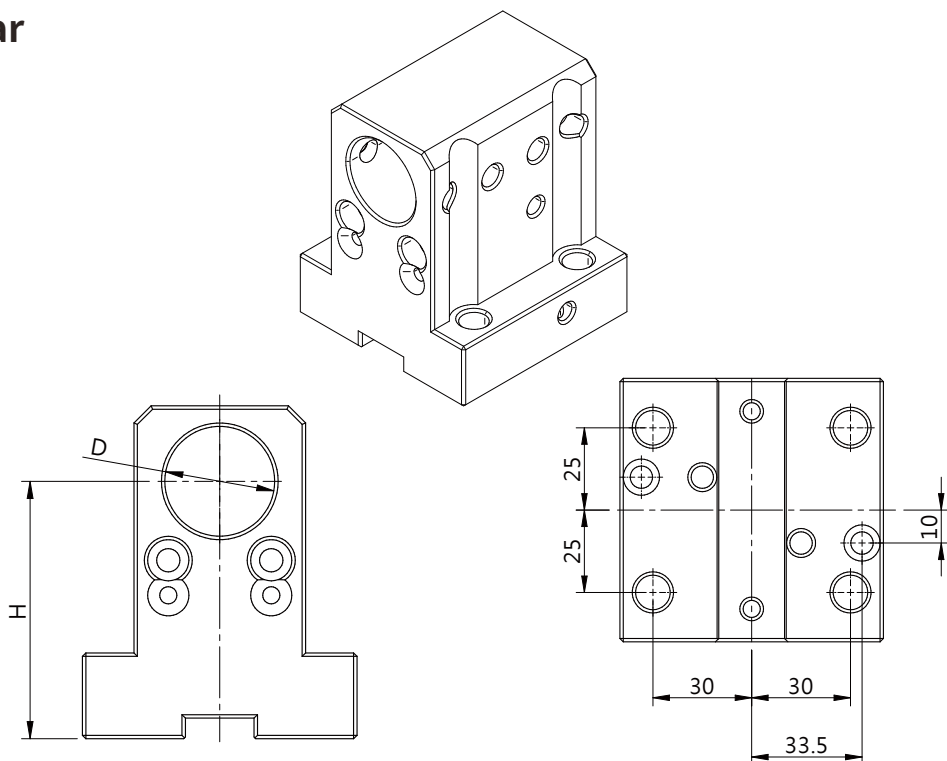
固定刀座

Static Tool Holder

|           |                                                                                                                     |
|-----------|---------------------------------------------------------------------------------------------------------------------|
| Brand     | Nakamura-Tome                                                                                                       |
|           | NTY-150,250,WY-150, 250/SC-150/SC-200/ SC-250/WT-150, WT-150 II, WT-250 II/WT-250/ Super NTJ/Super NTM <sup>3</sup> |
| Model     |                                                                                                                     |
| Interface | BMT55 L=106.5                                                                                                       |

內孔(B)

Boring Bar



單位(Unit) : mm

| 孔徑<br>Diameter (D) | NH<br>(H) | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|--------------------|-----------|------------------------|------------|-----------------|
| 25                 | 75        | 外出水<br>ext             | -          | NKS-0001        |
| 25                 | 75        | 中心出水<br>int            | -          | NKS-xxxx        |
| 32                 | 70        | 外出水<br>ext             | -          | NKS-0003        |
| 32                 | 70        | 中心出水<br>int            | -          | NKS-xxxx        |

## 切斷(H) Cut-Off

單位(Unit) : mm

| 刀柄<br>Shank(A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|----------------|----|------------------------|------------|-----------------|
| 20             | 55 | -                      | -          | NKS-0004        |

※如需其他規格刀座或其他配件(測試棒、原點規),請聯繫霄特業務團隊

※For other tool holder or accessory specs (e.g., test mandrel, origin gauge), please contact the GPM sales team.



# MIYANO

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宮野

# 04

# Miyano

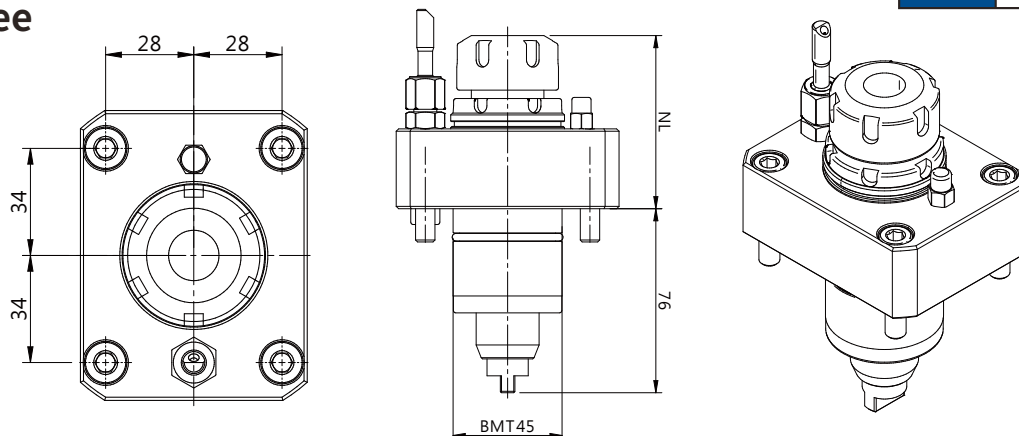
宮野

## BMT 45

### 動力刀座 Driven Tool Holder

|           |                                                                                                                        |
|-----------|------------------------------------------------------------------------------------------------------------------------|
| Brand     | Miyano                                                                                                                 |
| Model     | ABX-51,64 SY/TH2/<br>TH3; BND/BNE/<br>BNJ-34/42/<br>51(2007.5後);<br>BNJ-34,42,51 S/SY,<br>BNX-42,51 SY/<br>程泰 GLS-200M |
| Interface | BMT45 L=76                                                                                                             |

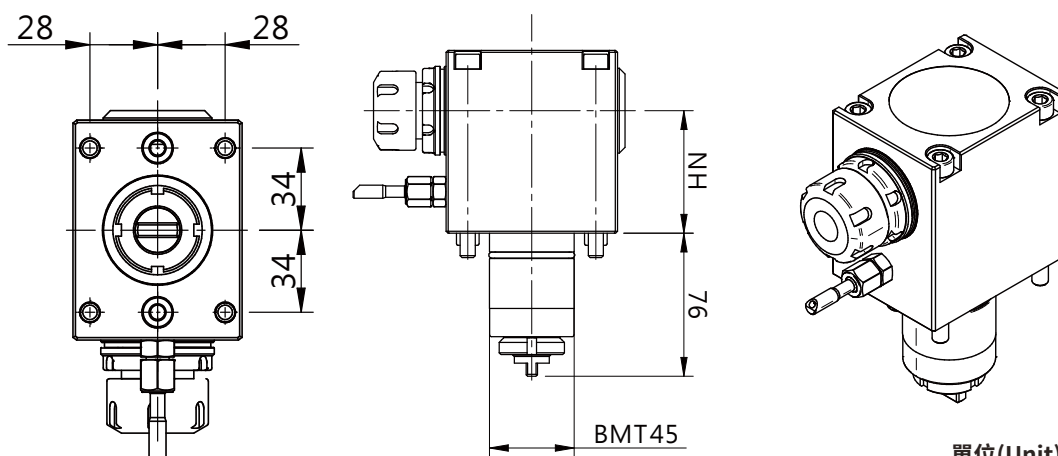
#### 0° 動力刀座 0 Degree



單位(Unit) : mm

| ER   | NL | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|----|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER25 | 68 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | MYD-0001        |
| ER25 | 68 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | MYD-xxxx        |

#### 90° 動力刀座 90 Degree



單位(Unit) : mm

| ER   | NL | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|----|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER25 | 65 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | MYD-0002        |
| ER25 | 65 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | MYD-xxxx        |

# Miyano

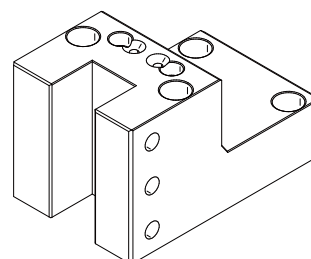
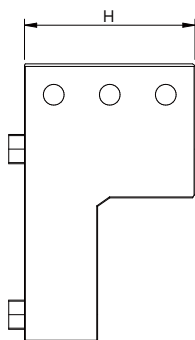
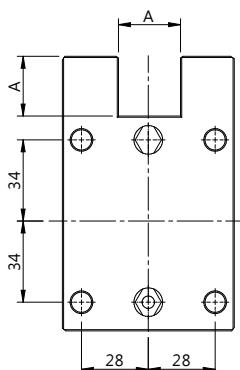
宮野

## BMT 45

### 固定刀座 Static Tool Holder

|           |                                                                                                                        |
|-----------|------------------------------------------------------------------------------------------------------------------------|
| Brand     | Miyano                                                                                                                 |
| Model     | ABX-51,64 SY/TH2/<br>TH3; BND/BNE/<br>BNJ-34/42/<br>51(2007.5後);<br>BNJ-34,42,51 S/SY,<br>BNX-42,51 SY/<br>程泰 GLS-200M |
| Interface | BMT45 L=76                                                                                                             |

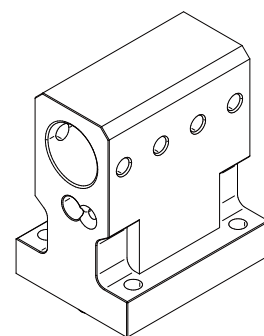
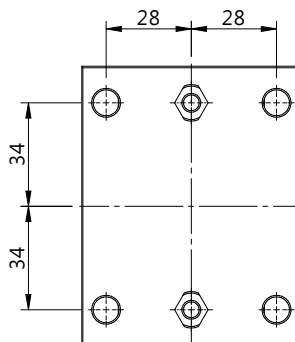
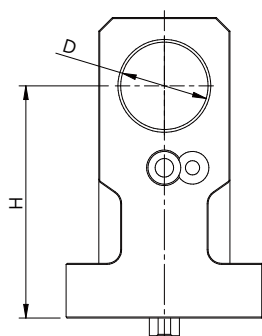
#### 外徑(C) Turning



單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 25              | 70 | -                      | -          | MYS-0002        |

#### 內孔(B) Boring Bar



單位(Unit) : mm

| 孔徑<br>Diameter (D) | NH<br>(H) | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|--------------------|-----------|------------------------|------------|-----------------|
| 32                 | 85        | 外出水<br>ext             | -          | MYS-0001        |
| 32                 | 85        | 中心出水<br>int            | -          | MYS-xxxx        |

#### 切斷(H) Cut-off

單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 20              | 55 | -                      | -          | MYS-0003        |

※如需其他規格刀座或其他配件(測試棒、原點規),請聯繫霄特業務團隊

※For other tool holder or accessory specs (e.g., test mandrel, origin gauge), please contact the GPM sales team.



# Tsugami

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津上

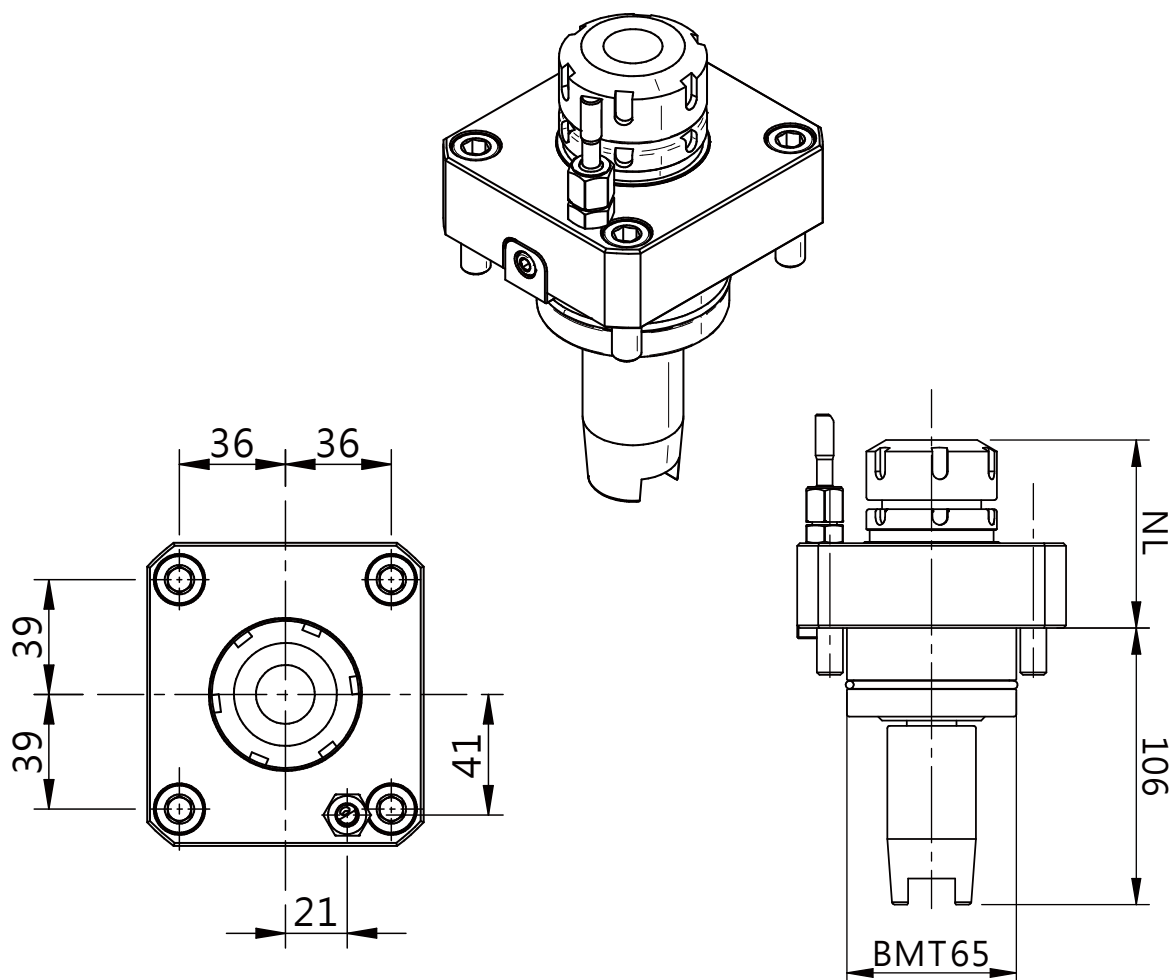
# 05



|           |                                 |
|-----------|---------------------------------|
| Brand     | Tsugami                         |
| Model     | M06D/DY/SD/SY;<br>M08D/DY/SD/SY |
| Interface | BMT65 L=106                     |

0° 動力刀座

0 Degree

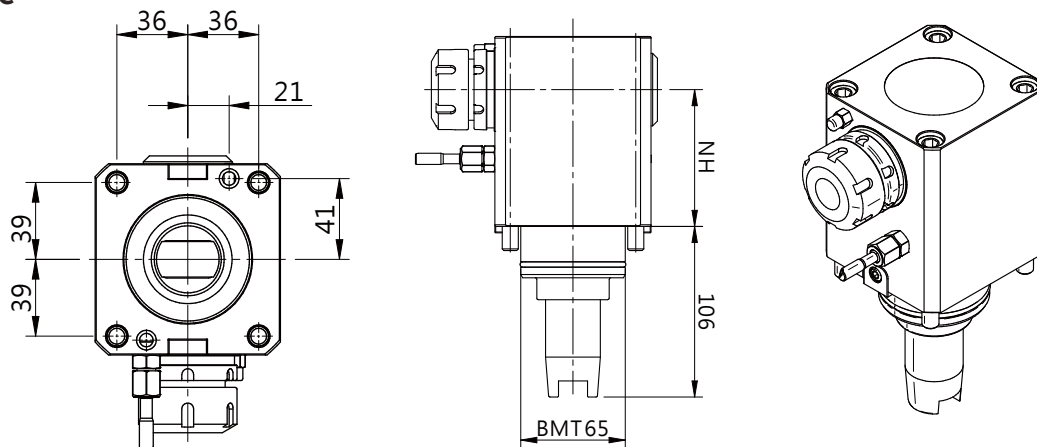


單位(Unit) : mm

| ER   | NL    | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|-------|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER25 | 72    | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | TGD-0006        |
| ER25 | 72    | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | TGD-xxxx        |
| ER25 | 109.8 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 偏心 Offset  | TGD-0001        |
| ER32 | 72    | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | TGD-0002        |
| ER32 | 72    | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -          | TGD-xxxx        |

### BMT 65

90° 動力刀座  
90 Degree



單位(Unit) : mm

| ER                   | NH | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note                                                                                   | 編碼<br>Coding No |
|----------------------|----|---------------------|-------------|------------------------|-----------|-------------|----------------------------------------------------------------------------------------------|-----------------|
| ER32                 | 85 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -                                                                                            | TGD-0003        |
| ER32                 | 85 | 外牙<br>ext nut       | 1:1         | 中心出水<br>int            | 6000      | 75          | -                                                                                            | TGD-xxxx        |
| 左(L)ER32<br>右(R)ER25 | 85 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | 雙頭 Dual Heads<br>左主軸:正轉;右主軸:反轉<br>Left Spindle:Clockwise;<br>Right Spindle: Counterclockwise | TGD-0007        |

### 萬向 Universal

單位(Unit) : mm

| ER   | L     | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note | 編碼<br>Coding No |
|------|-------|---------------------|-------------|------------------------|-----------|-------------|------------|-----------------|
| ER20 | 55.75 | 外牙<br>ext nut       | 1:1         | 外出水<br>ext             | 6000      | -           | -          | TGD-0005        |

### 滾齒 Hobbing

單位(Unit) : mm

| ER | L | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note              | 編碼<br>Coding No |
|----|---|---------------------|-------------|------------------------|-----------|-------------|-------------------------|-----------------|
| -  | - | -                   | 1:1         | 外出水<br>ext             | 3000      | -           | 最大加工直徑<br>Max Dia.=Ø225 | TGD-0009        |

### 插齒/槽 Broaching

單位(Unit) : mm

| ER | L | 內/外牙<br>int/ext nut | 齒比<br>Ratio | 出水方式<br>Coolant Supply | 轉速<br>rpm | 出水壓力<br>bar | 備註<br>Note    | 編碼<br>Coding No |
|----|---|---------------------|-------------|------------------------|-----------|-------------|---------------|-----------------|
| -  | - | -                   | 1:1         | 外出水<br>ext             | 600       | -           | 行程Stroke 35mm | TGD-0008        |

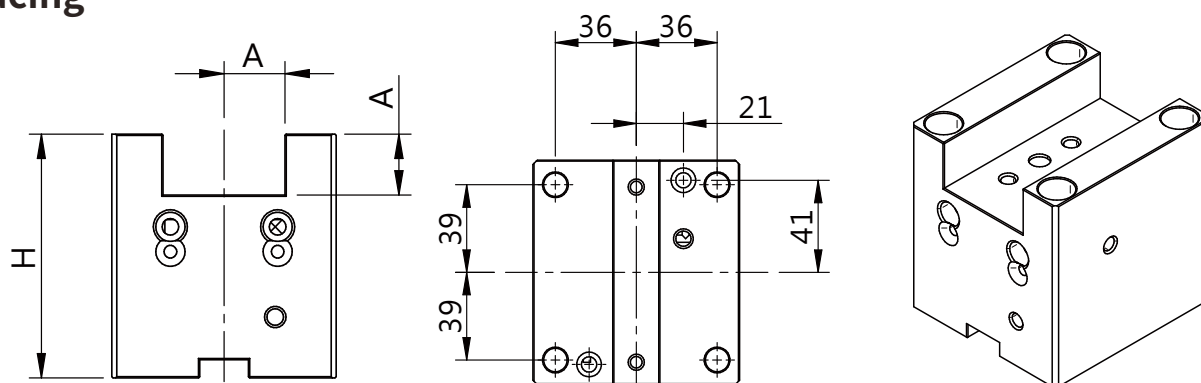
# Tsugami 固定刀座

## Static Tool Holder

### 津上 BMT 65

|           |                                 |
|-----------|---------------------------------|
| Brand     | Tsugami                         |
| Model     | M06D/DY/SD/SY;<br>M08D/DY/SD/SY |
| Interface | BMT65 L=106                     |

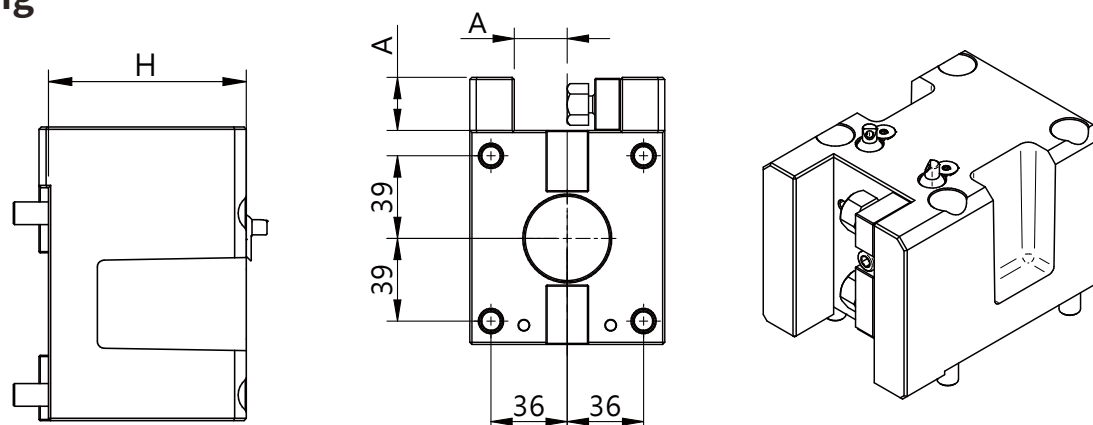
### 端面(F) Facing



單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note | 編碼<br>Coding No |
|-----------------|----|------------------------|------------|-----------------|
| 25              | 75 | -                      | -          | TGS-0002        |
| 25              | 85 | -                      | -          | TGS-0005        |

### 外徑(C) Turning



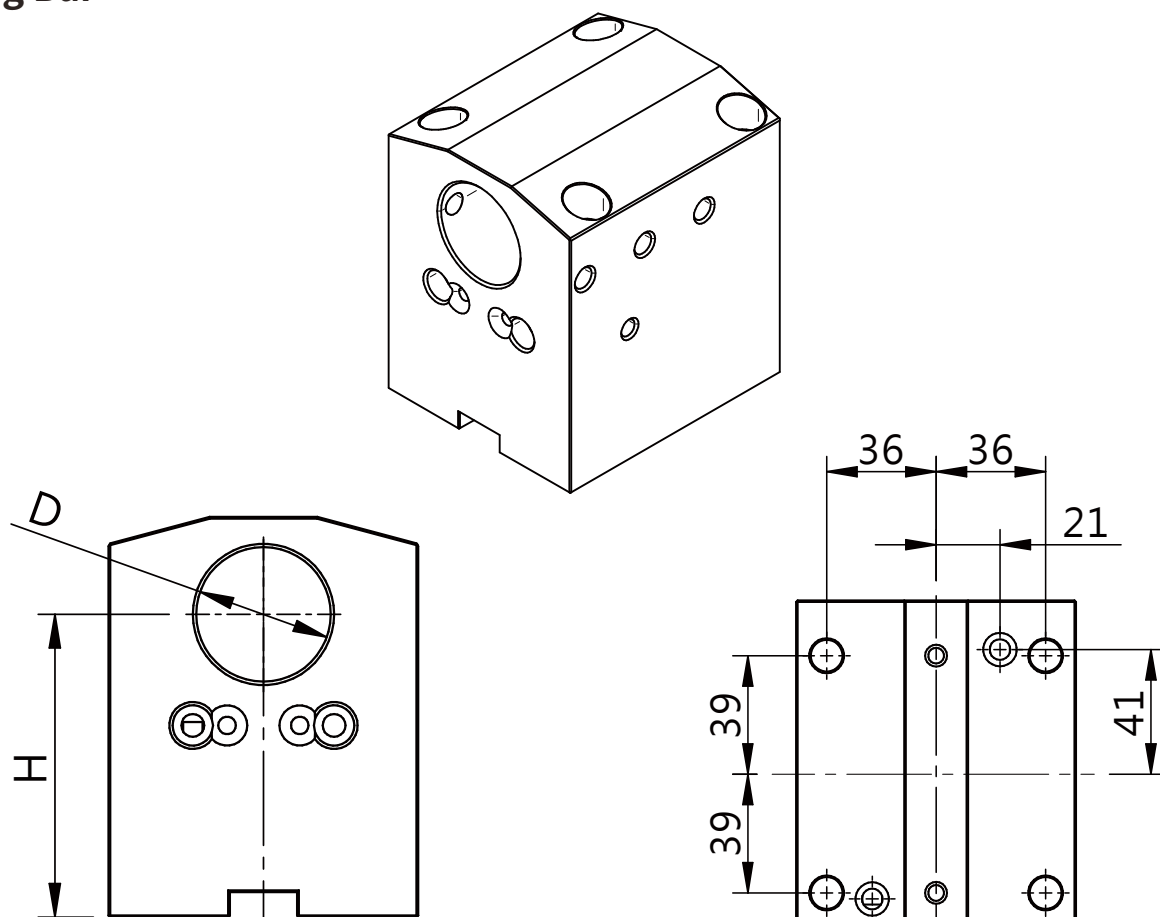
單位(Unit) : mm

| 刀柄<br>Shank (A) | H  | 出水方式<br>Coolant Supply | 備註<br>Note     | 編碼<br>Coding No |
|-----------------|----|------------------------|----------------|-----------------|
| 20              | 70 | -                      | 多頭 Multi Heads | TGS-0006        |
| 25              | 85 | -                      | -              | TGS-0008        |
| 25              | 85 | -                      | 雙頭 Dual Heads  | TGS-0007        |

|           |                                 |
|-----------|---------------------------------|
| Brand     | Tsugami                         |
| Model     | M06D/DY/SD/SY;<br>M08D/DY/SD/SY |
| Interface | BMT65 L=106                     |

內孔(B)

Boring Bar



單位(Unit) : mm

| 孔徑<br>Diameter (D) | NH<br>(H) | 出水方式<br>Coolant Supply | 備註<br>Note                 | 編碼<br>Coding No |
|--------------------|-----------|------------------------|----------------------------|-----------------|
| 40                 | 90        | 外出水<br>ext             | -                          | TGS-0004        |
| 40                 | 90        | 中心出水<br>int            | -                          | TGS-xxxx        |
| 40                 | 101       | 外出水<br>ext             | 單向雙頭<br>One-way Dual Heads | TGS-0001        |
| 40                 | 54/101    | 外出水<br>ext             | 雙頭 Dual Heads              | TGS-0003        |

※如需其他規格刀座或其他配件(測試棒、原點規),請聯繫霄特業務團隊

※For other tool holder or accessory specs (e.g., test mandrel, origin gauge), please contact the GPM sales team.



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