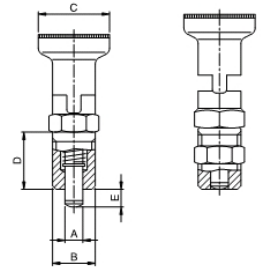




**定位柱**  
**Indexing Plungers**

**9010**

Tel:886-4-2406-3417 Fax:886-4-2406-3421



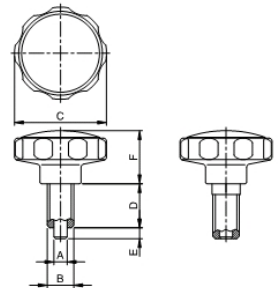
| 名稱                 | 材質              | 表面處理               |
|--------------------|-----------------|--------------------|
| Name               | Material        | Surface process    |
| 本體 Basic structure | 鐵 Steel (ST)    | 染黑 Dyed black (DB) |
| 拉柄 Knob            | 塑膠 Plastic (KT) | 黑色 Black (BK)      |

( mm )

| Order No.<br>號 (ST) | A  | B         | C  | D  | E  |
|---------------------|----|-----------|----|----|----|
| 9010 - 5            | 5  | M10 x 1   | 21 | 17 | 5  |
| - 6                 | 6  | M12 x 1.5 | 25 | 20 | 6  |
| - 8                 | 8  | M16 x 1.5 | 31 | 26 | 8  |
| - 10                | 10 | M20 x 1.5 | 31 | 33 | 10 |

**旋鈕式定位柱**  
**Knobs With Indexing Plungers**

**9015**



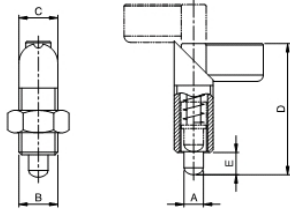
| 名稱        | 材質           | 表面處理            |
|-----------|--------------|-----------------|
| Name      | Material     | Surface process |
| 旋鈕 Knob   | 尼龍加玻璃纖維 (KT) | 黑色 Black (BK)   |
| 軸 Spindle | 鐵 Steel (ST) | 鍍鋅 Zined (ZI)   |

( mm )

| Order No.<br>號 (ST) | A | B         | C  | D  | E   | F  |
|---------------------|---|-----------|----|----|-----|----|
| 9015 - 25 - 4       | 4 | M8 x 1.25 | 25 | 15 | 5   | 20 |
| - 35 - 5            | 5 | M10 x 1.5 | 35 | 15 | 5.5 | 27 |
| - 55 - 8            | 8 | M16 x 1.5 | 55 | 27 | 6.5 | 32 |

## 9020 定位柱 Cam Action Indexing Plungers

9020



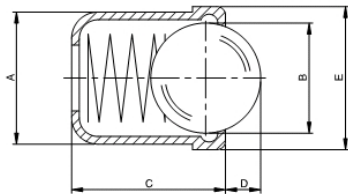
| 名稱<br>Name         | 材質<br>Material            | 表面處理<br>Surface process |
|--------------------|---------------------------|-------------------------|
| 本體 Basic structure | 鐵 Steel (ST)              | 染黑 Dyed black (DB)      |
|                    | 不銹鋼 Stainless steel (SST) |                         |
| 軸 Spindle          | 鐵 Steel (ST)              | 染黑 Dyed black (DB)      |
|                    | 不銹鋼 Stainless steel (SST) |                         |
| 拉柄 Knob            | 鐵 Steel (ST)              | 染黑 Dyed black (DB)      |
|                    | 不銹鋼 Stainless steel (SST) |                         |
| 螺帽 Nut             | 鐵 Steel (ST)              | 染黑 Dyed black (DB)      |
|                    | 不銹鋼 Stainless steel (SST) |                         |

( mm )

| Order No.<br>鐵 (ST) | Order No.<br>不銹鋼 (SST) | A  | B         | C  | D  | E  |
|---------------------|------------------------|----|-----------|----|----|----|
| 9020 - 8            | 9021 - 8               | 8  | M20 x 1.5 | 20 | 69 | 12 |
| - 10                | - 10                   | 10 | M20 x 1.5 | 20 | 69 | 12 |
| - 12                | - 12                   | 12 | M20 x 1.5 | 20 | 69 | 12 |

## 9030 不銹鋼定位珠 ST. Steel Spring Plungers

9030



| 名稱<br>Name         | 材質<br>Material            |
|--------------------|---------------------------|
| 本體 Basic structure | 不銹鋼 Stainless steel (SST) |

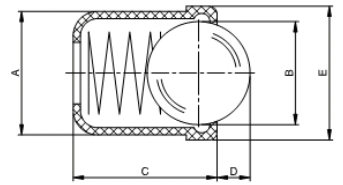
( mm )

| Order No.<br>不銹鋼 (SST) | A  | B   | C    | D   | E   |
|------------------------|----|-----|------|-----|-----|
| 9030 - 3               | 3  | 2.5 | 5    | 0.8 | 3.2 |
| - 4                    | 4  | 3   | 5    | 0.8 | 4.6 |
| - 5                    | 5  | 4   | 6    | 1   | 5.6 |
| - 6                    | 6  | 5   | 7    | 1.6 | 6.5 |
| - 8                    | 8  | 6.5 | 9    | 1.9 | 8.5 |
| - 10                   | 10 | 8.5 | 13.5 | 3.1 | 11  |
| - 12                   | 12 | 10  | 16   | 3.8 | 13  |

[82]

## 9031 塑膠定位珠 Plastic Spring Plungers

9031



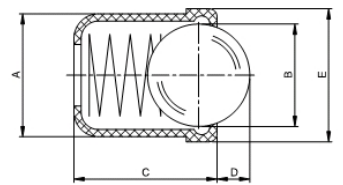
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
|--------------------|----------------|-------------------------|
| 本體 Basic structure | 工程塑膠 Delrin    | 藍色 Blue(BL)             |
| 珠子 Ball            | 工程塑膠 POM       | 白色 White                |

( mm )

| Order No.<br>塑膠 (KT) | A  | B   | C    | D   | E   |
|----------------------|----|-----|------|-----|-----|
| 9031 - 4             | 4  | 3   | 5    | 0.8 | 4.6 |
| - 5                  | 5  | 4   | 6    | 1   | 5.6 |
| - 6                  | 6  | 5   | 7    | 1.6 | 6.5 |
| - 8                  | 8  | 6.5 | 9    | 1.9 | 8.5 |
| - 10                 | 10 | 8.5 | 13.5 | 2.6 | 11  |
| - 12                 | 12 | 10  | 16   | 3.3 | 13  |

## 9032 塑膠定位珠 Plastic Spring Plungers

9032



| 名稱<br>Name         | 材質<br>Material            | 表面處理<br>Surface process |
|--------------------|---------------------------|-------------------------|
| 本體 Basic structure | 工程塑膠 Delrin               | 藍色 Blue(BL)             |
| 珠子 Ball            | 不銹鋼 Stainless steel (SST) |                         |

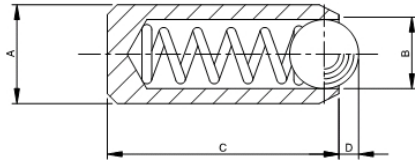
( mm )

| Order No.<br>塑膠 (KT) | A  | B   | C    | D   | E   |
|----------------------|----|-----|------|-----|-----|
| 9032 - 4             | 4  | 3   | 5    | 0.8 | 4.6 |
| - 5                  | 5  | 4   | 6    | 1   | 5.6 |
| - 6                  | 6  | 5   | 7    | 1.6 | 6.5 |
| - 8                  | 8  | 6.5 | 9    | 1.9 | 8.5 |
| - 10                 | 10 | 8.5 | 13.5 | 2.6 | 11  |
| - 12                 | 12 | 10  | 16   | 3.3 | 13  |

[83]

不銹鋼定位珠  
ST. Steel Spring Plungers

9035



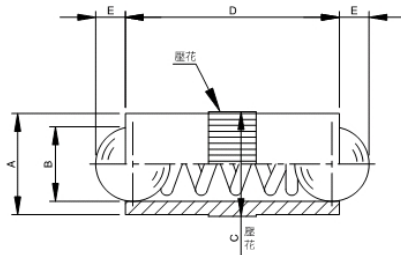
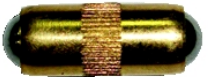
|                    |                           |
|--------------------|---------------------------|
| 名稱                 | 材質                        |
| Name               | Material                  |
| 本體 Basic structure | 不銹鋼 Stainless steel (SST) |
| 珠子 Ball            | 不銹鋼 Stainless steel (SST) |

(mm)

| Order No.<br>不銹鋼 (SST) | A | B   | C  | D   |
|------------------------|---|-----|----|-----|
| 9035 - 3               | 3 | 2   | 7  | 0.6 |
| - 4                    | 4 | 3   | 11 | 0.9 |
| - 5                    | 5 | 3.5 | 13 | 1   |
| - 6                    | 6 | 4.5 | 15 | 1.5 |

雙側定位珠  
Double Ended Spring Plungers

9036



|                    |                           |
|--------------------|---------------------------|
| 名稱                 | 材質                        |
| Name               | Material                  |
| 本體 Basic structure | 銅 Copper (CU)             |
| 珠子 Ball            | 不銹鋼 Stainless steel (SST) |

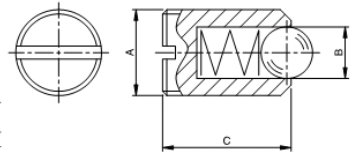
(mm)

| Order No.<br>銅 (CU) | A | B   | C   | D    | E   |
|---------------------|---|-----|-----|------|-----|
| 9036 - 3            | 3 | 2.5 | 3.1 | 7.3  | 0.8 |
| - 4                 | 4 | 3   | 4.1 | 9    | 0.9 |
| - 5                 | 5 | 4   | 5.1 | 10.8 | 1.2 |
| - 7                 | 7 | 6   | 7.2 | 14   | 2   |
| - 8                 | 8 | 6.5 | 8.3 | 18   | 2.1 |

[84]

定位珠  
Spring Plungers

9040



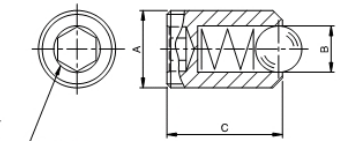
|                    |                           |                 |
|--------------------|---------------------------|-----------------|
| 名稱                 | 材質                        | 表面處理            |
| Name               | Material                  | Surface process |
| 本體 Basic structure | 鐵 Steel (ST)              | 黑色 Black (BK)   |
|                    | 不銹鋼 Stainless steel (SST) |                 |

(mm)

| Order No.<br>鐵 (ST) | Order No.<br>不銹鋼 (SST) | A   | B   | C  |
|---------------------|------------------------|-----|-----|----|
| 9040 - M 3          | 9041 - M 3             | M3  | 1.5 | 7  |
| - M 4               | - M 4                  | M4  | 2.5 | 9  |
| - M 5               | - M 5                  | M5  | 3   | 12 |
| - M 6               | - M 6                  | M6  | 3.5 | 13 |
| - M 8               | - M 8                  | M8  | 4.5 | 15 |
| - M10               | - M10                  | M10 | 6   | 16 |
| - M12               | - M12                  | M12 | 8   | 21 |
| - M16               | - M16                  | M16 | 10  | 24 |
| - M20               | - M20                  | M20 | 12  | 30 |
| - M24               | - M24                  | M24 | 15  | 34 |

定位珠  
Spring Plungers

9042



|                    |                           |                 |
|--------------------|---------------------------|-----------------|
| 名稱                 | 材質                        | 表面處理            |
| Name               | Material                  | Surface process |
| 本體 Basic structure | 鐵 Steel (ST)              | 黑色 Black (BK)   |
|                    | 不銹鋼 Stainless steel (SST) |                 |

內六角型  
(Internal hexagon)

(mm)

| Order No.<br>鐵 (ST) | Order No.<br>不銹鋼 (SST) | A   | B   | C  |
|---------------------|------------------------|-----|-----|----|
| 9042 - M 3          | -                      | M3  | 1.5 | 7  |
| - M 4               | 9043 - M 4             | M4  | 2.5 | 9  |
| - M 5               | - M 5                  | M5  | 3   | 12 |
| - M 6               | - M 6                  | M6  | 3.5 | 13 |
| - M 8               | - M 8                  | M8  | 4.5 | 15 |
| - M10               | - M10                  | M10 | 6   | 16 |
| - M12               | - M12                  | M12 | 8   | 21 |
| - M16               | - M16                  | M16 | 10  | 33 |
| - M20               | - M20                  | M20 | 12  | 43 |

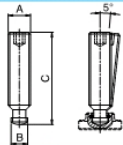
[85]



### 可動聯結螺絲 Grub Screws

# 9050

Tel:886-4-2406-3417 Fax:886-4-2406-3421



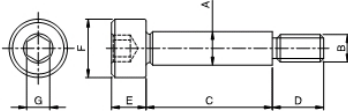
|                    |                |                         |
|--------------------|----------------|-------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
| 本體 Basic structure | 鐵 Steel (ST)   | 染黑 Dyed black (DB)      |

( mm )

| Order No.<br>鐵 (ST) | A   | B    | C   |
|---------------------|-----|------|-----|
| 9050 - M 6 - 30     | M6  | 4.5  | 30  |
| - M 6 - 35          | M6  | 4.5  | 35  |
| - M 6 - 40          | M6  | 4.5  | 40  |
| - M 8 - 35          | M8  | 6    | 35  |
| - M 8 - 40          | M8  | 6    | 40  |
| - M 8 - 45          | M8  | 6    | 45  |
| - M 10 - 45         | M10 | 8    | 45  |
| - M 10 - 50         | M10 | 8    | 50  |
| - M 10 - 55         | M10 | 8    | 55  |
| - M 12 - 50         | M12 | 8    | 50  |
| - M 12 - 60         | M12 | 8    | 60  |
| - M 12 - 65         | M12 | 8    | 65  |
| - M 16 - 65         | M16 | 12   | 65  |
| - M 16 - 70         | M16 | 12   | 70  |
| - M 16 - 75         | M16 | 12   | 75  |
| - M 20 - 80         | M20 | 15.5 | 80  |
| - M 20 - 90         | M20 | 15.5 | 90  |
| - M 20 - 100        | M20 | 15.5 | 100 |

### 等高螺絲 Contour Screws

# 9055



|                    |                |                         |
|--------------------|----------------|-------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
| 本體 Basic structure | 鐵 Steel (ST)   | 染黑 Dyed black (DB)      |

( mm )

| Order No.<br>鐵 (ST) | A   | B  | C  |    |     |     |     |     |     |    | D  | E   | F   | G  |   |
|---------------------|-----|----|----|----|-----|-----|-----|-----|-----|----|----|-----|-----|----|---|
| 9055 - A - B - C    | 6   | M5 | 20 | 25 | 30  | 35  | 40  | 45  | 50  | 55 | 60 | 10  | 4.5 | 10 | 3 |
|                     |     |    | 65 | 70 | 75  | 80  | 90  | 100 |     |    |    |     |     |    |   |
| 8                   | M6  | 20 | 25 | 30 | 35  | 40  | 45  | 50  | 55  | 60 | 11 | 5.5 | 13  | 4  |   |
|                     |     | 65 | 70 | 75 | 80  | 90  | 100 |     |     |    |    |     |     |    |   |
| 10                  | M8  | 20 | 25 | 30 | 35  | 40  | 45  | 50  | 55  | 60 | 13 | 7   | 16  | 5  |   |
|                     |     | 65 | 70 | 75 | 80  | 90  | 100 | 110 | 120 |    |    |     |     |    |   |
| 12                  | M10 | 20 | 25 | 30 | 35  | 40  | 45  | 50  | 55  | 60 | 16 | 9   | 18  | 6  |   |
|                     |     | 65 | 70 | 75 | 80  | 90  | 100 | 110 | 120 |    |    |     |     |    |   |
| 13                  | M10 | 20 | 25 | 30 | 35  | 40  | 45  | 50  | 55  | 60 | 16 | 9   | 18  | 6  |   |
|                     |     | 65 | 70 | 75 | 80  | 90  | 100 |     |     |    |    |     |     |    |   |
| 16                  | M12 | 20 | 25 | 30 | 35  | 40  | 45  | 50  | 55  | 60 | 18 | 11  | 24  | 8  |   |
|                     |     | 65 | 70 | 75 | 80  | 90  | 100 | 110 | 120 |    |    |     |     |    |   |
| 20                  | M16 | 30 | 35 | 40 | 45  | 50  | 55  | 60  | 65  | 70 | 22 | 14  | 30  | 10 |   |
|                     |     | 75 | 80 | 90 | 100 | 110 | 120 | 130 | 140 |    |    |     |     |    |   |

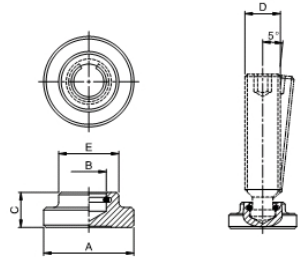
[86]



### 支撐座 Thrust Pads

# 9060

Tel:886-4-2406-3417 Fax:886-4-2406-3421



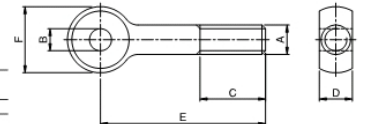
|                    |                |                         |
|--------------------|----------------|-------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
| 本體 Basic structure | 鐵 Steel (ST)   | 染黑 Dyed black (DB)      |

( mm )

| Order No.<br>鐵 (ST) | A  | B    | C  | D   | E  |
|---------------------|----|------|----|-----|----|
| 9060 - 12 - 4.6     | 12 | 4.6  | 7  | M6  | 10 |
| - 16 - 6.1          | 16 | 6.1  | 9  | M8  | 12 |
| - 20 - 8.1          | 20 | 8.1  | 11 | M10 | 15 |
| - 25 - 8.1          | 25 | 8.1  | 13 | M12 | 18 |
| - 32 - 12.1         | 32 | 12.1 | 15 | M16 | 22 |
| - 40 - 15.6         | 40 | 15.6 | 16 | M20 | 28 |

### 搖擺螺絲 Swing Bolts

# 9070



|                    |                |                         |
|--------------------|----------------|-------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
| 本體 Basic structure | 鐵 Steel (ST)   | 鍍霧銀 Matt silver (EL)    |

( mm )

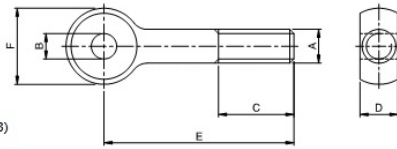
| Order No.<br>鐵 (ST) | A   | B   | C  | D  | E   | F  |
|---------------------|-----|-----|----|----|-----|----|
| 9070 - M 6 - 50     | M6  | B6  | 32 | 7  | 50  | 14 |
| - M 6 - 75          | M6  | B6  | 32 | 7  | 75  | 14 |
| - M 8 - 50          | M8  | B8  | 32 | 9  | 50  | 18 |
| - M 8 - 75          | M8  | B8  | 32 | 9  | 75  | 18 |
| - M 10 - 50         | M10 | B10 | 40 | 12 | 50  | 20 |
| - M 10 - 75         | M10 | B10 | 40 | 12 | 75  | 20 |
| - M 10 - 100        | M10 | B10 | 40 | 12 | 100 | 20 |
| - M 12 - 75         | M12 | B12 | 40 | 14 | 75  | 25 |
| - M 12 - 100        | M12 | B12 | 40 | 14 | 100 | 25 |
| - M 12 - 130        | M12 | B12 | 40 | 14 | 130 | 25 |
| - M 16 - 75         | M16 | B16 | 50 | 17 | 75  | 32 |
| - M 16 - 100        | M16 | B16 | 50 | 17 | 100 | 32 |
| - M 16 - 130        | M16 | B16 | 50 | 17 | 130 | 32 |
| - M 20 - 100        | M20 | B18 | 63 | 22 | 100 | 40 |
| - M 20 - 130        | M20 | B18 | 63 | 22 | 130 | 40 |
| - M 20 - 160        | M20 | B18 | 63 | 22 | 160 | 40 |

[87]

1970 SILVER 不銹鋼搖擺螺絲  
ST. Steel Swing Bolts

9071

Tel:886-4-2406-3417 Fax:886-4-2406-3421



名稱 Name 不銹鋼 (SST)  
材質 Material 不銹鋼 Stainless steel (SUS303)  
本體 Basic structure

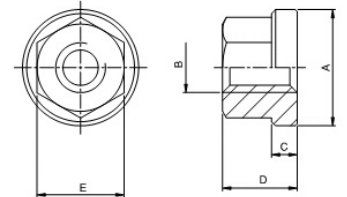
(mm)

| Order No.<br>不銹鋼 (SST) | A   | B   | C  | D  | E   | F  |
|------------------------|-----|-----|----|----|-----|----|
| 9071 - M6 - 50         | M6  | B6  | 32 | 7  | 50  | 14 |
| - M6 - 75              | M6  | B6  | 32 | 7  | 75  | 14 |
| - M8 - 50              | M8  | B8  | 32 | 9  | 50  | 18 |
| - M8 - 75              | M8  | B8  | 32 | 9  | 75  | 18 |
| - M10 - 50             | M10 | B10 | 40 | 12 | 50  | 20 |
| - M10 - 75             | M10 | B10 | 40 | 12 | 75  | 20 |
| - M10 - 100            | M10 | B10 | 40 | 12 | 100 | 20 |
| - M12 - 75             | M12 | B12 | 40 | 14 | 75  | 25 |
| - M12 - 100            | M12 | B12 | 40 | 14 | 100 | 25 |
| - M12 - 130            | M12 | B12 | 40 | 14 | 130 | 25 |
| - M16 - 75             | M16 | B16 | 50 | 17 | 75  | 32 |
| - M16 - 100            | M16 | B16 | 50 | 17 | 100 | 32 |
| - M16 - 130            | M16 | B16 | 50 | 17 | 130 | 32 |

1970 SILVER 環型螺帽  
Collar Nuts

9081

Tel:886-4-2406-3417 Fax:886-4-2406-3421



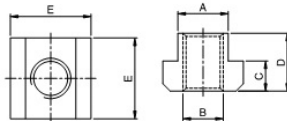
名稱 Name 環型螺帽  
材質 Material 鐵 Steel (ST)  
表面處理 Surfaced process 黑色 Black (BK)  
本體 Basic structure

(mm)

| Order No.<br>鐵 (ST) | A  | B   | C   | D  | E  |
|---------------------|----|-----|-----|----|----|
| 9081 - 14 - M6      | 14 | M6  | 3   | 9  | 10 |
| - 18 - M8           | 18 | M8  | 3.5 | 12 | 13 |
| - 22 - M10          | 22 | M10 | 4   | 15 | 16 |
| - 25 - M12          | 25 | M12 | 4   | 18 | 18 |
| - 28 - M14          | 28 | M14 | 4   | 21 | 21 |
| - 31 - M16          | 31 | M16 | 5   | 24 | 24 |
| - 37 - M20          | 37 | M20 | 6   | 30 | 30 |
| - 45 - M24          | 45 | M24 | 6   | 36 | 36 |
| - 58 - M30          | 58 | M30 | 8   | 45 | 46 |
| - 68 - M36          | 68 | M36 | 10  | 54 | 55 |

T型螺帽  
T-Nuts

9080



名稱 Name T型螺帽  
材質 Material 鐵 Steel (ST)  
表面處理 Surfaced process 鍍霧銀 Matt silver (EL)  
本體 Basic structure

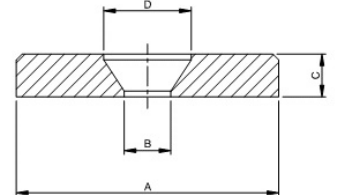
(mm)

| Order No.<br>鐵 (ST) | A <sup>-0.3</sup><br>-0.5 | B   | C <sup>-0.5</sup> | D   | E <sup>-0.5</sup> |
|---------------------|---------------------------|-----|-------------------|-----|-------------------|
| 9080 - 5 - M4       | 5                         | M4  | 3                 | 6.5 | 9                 |
| - 6 - M5            | 6                         | M5  | 4                 | 8   | 10                |
| - 8 - M6            | 8                         | M6  | 6                 | 10  | 13                |
| - 10 - M6           | 10                        | M6  | 6                 | 12  | 15                |
| - 10 - M8           | 10                        | M8  | 6                 | 12  | 15                |
| - 12 - M10          | 12                        | M10 | 7                 | 14  | 18                |
| - 14 - M12          | 14                        | M12 | 8                 | 16  | 22                |
| - 16 - M12          | 16                        | M12 | 9                 | 18  | 25                |
| - 16 - M14          | 16                        | M14 | 9                 | 18  | 25                |
| - 18 - M16          | 18                        | M16 | 10                | 20  | 28                |
| - 20 - M16          | 20                        | M16 | 12                | 24  | 32                |
| - 20 - M18          | 20                        | M18 | 12                | 24  | 32                |
| - 22 - M20          | 22                        | M20 | 14                | 28  | 35                |
| - 24 - M22          | 24                        | M22 | 16                | 32  | 40                |
| - 28 - M24          | 28                        | M24 | 18                | 36  | 44                |

[88]

沉頭孔墊片  
Countersunk Washers

9090



名稱 Name 沉頭孔墊片  
材質 Material 鐵 Steel (ST)  
表面處理 Surfaced process 鍍霧銀 Matt silver (EL)  
本體 Basic structure

(mm)

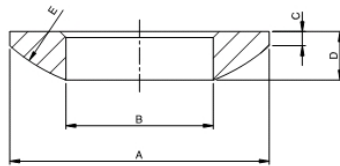
| Order No.<br>鐵 (ST) | A  | B   | C   | D  |
|---------------------|----|-----|-----|----|
| 9090 - 16 - 4.3     | 16 | 4.3 | 3   | 8  |
| - 20 - 4.3          | 20 | 4.3 | 3   | 8  |
| - 22 - 5.3          | 22 | 5.3 | 3.5 | 10 |
| - 25 - 5.3          | 25 | 5.3 | 3.5 | 10 |
| - 28 - 5.3          | 28 | 5.3 | 3.5 | 10 |
| - 32 - 6.4          | 32 | 6.4 | 4   | 12 |
| - 36 - 6.4          | 36 | 6.4 | 4   | 12 |
| - 40 - 6.4          | 40 | 6.4 | 5   | 12 |
| - 45 - 6.4          | 45 | 6.4 | 6   | 12 |
| - 52 - 6.4          | 52 | 6.4 | 6   | 12 |

[89]



## 公件球型華司 Male Spherical Washers

# 9095



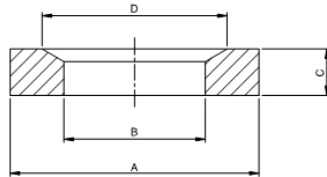
|                    |                |                         |
|--------------------|----------------|-------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
| 本體 Basic structure | 鐵 Steel (ST)   | 熱處理 Heat treatment      |

( mm )

| Order No.<br>鐵 (ST) | A  | B    | C   | D    | E   |
|---------------------|----|------|-----|------|-----|
| 9095 - 12 - 6.4     | 12 | 6.4  | 0.7 | 2.3  | R9  |
| - 17 - 8.4          | 17 | 8.4  | 0.6 | 3.2  | R12 |
| - 21 - 10.5         | 21 | 10.5 | 0.8 | 4    | R15 |
| - 24 - 13           | 24 | 13   | 1.1 | 4.6  | R17 |
| - 28 - 15           | 28 | 15   | 1.2 | 5    | R22 |
| - 30 - 17           | 30 | 17   | 1.3 | 5.3  | R22 |
| - 36 - 21           | 36 | 21   | 2   | 6.3  | R27 |
| - 44 - 25           | 44 | 25   | 2.4 | 8.2  | R32 |
| - 56 - 31           | 56 | 31   | 3.6 | 11.2 | R41 |
| - 68 - 37           | 68 | 37   | 4.6 | 14   | R50 |
| - 78 - 43           | 78 | 43   | 6.5 | 17   | R58 |
| - 92 - 50           | 92 | 50   | 8   | 21   | R67 |

## 母件圓錐型座 Female Spherical Washers

# 9096



|                    |                |                         |
|--------------------|----------------|-------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
| 本體 Basic structure | 鐵 Steel (ST)   | 熱處理 Heat treatment      |

( mm )

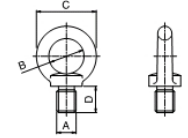
| Order No.<br>鐵 (ST) | A  | B    | C   | D    |
|---------------------|----|------|-----|------|
| 9096 - 12 - 7.1     | 12 | 7.1  | 2.8 | 11   |
| - 17 - 9.6          | 17 | 9.6  | 3.5 | 14.5 |
| - 21 - 12           | 21 | 12   | 4.2 | 18.5 |
| - 24 - 14.2         | 24 | 14.2 | 5   | 20   |
| - 28 - 16.5         | 28 | 16.5 | 5.6 | 24.8 |
| - 30 - 19           | 30 | 19   | 6.2 | 26   |
| - 36 - 23.2         | 36 | 23.2 | 7.5 | 31   |
| - 44 - 28           | 44 | 28   | 9.5 | 37   |
| - 56 - 35           | 56 | 35   | 12  | 49   |
| - 68 - 42           | 68 | 42   | 15  | 60   |
| - 78 - 49           | 78 | 49   | 18  | 70   |
| - 92 - 56           | 92 | 56   | 22  | 82   |

[90]



## 吊環 Lifting Eye Bolts

# 9100



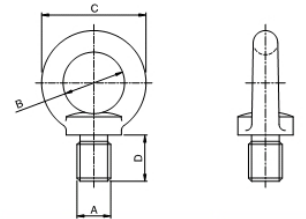
|                    |                |                             |
|--------------------|----------------|-----------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process     |
| 本體 Basic structure | 鐵 Steel (ST)   | 電五彩 Yellow zinc plated (YC) |

( mm )

| Order No.<br>鐵 (ST) | A   | B   | C   | D  | Loading<br>荷重 (kg) |
|---------------------|-----|-----|-----|----|--------------------|
| 9100 - M 6          | M6  | 20  | 33  | 15 | 80                 |
| - M 8               | M8  | 20  | 33  | 15 | 80                 |
| - M10               | M10 | 25  | 41  | 18 | 150                |
| - M12               | M12 | 30  | 50  | 22 | 220                |
| - M14               | M14 | 35  | 60  | 27 | 300                |
| - M16               | M16 | 35  | 60  | 27 | 450                |
| - M18               | M18 | 40  | 72  | 30 | 630                |
| - M20               | M20 | 40  | 72  | 30 | 630                |
| - M22               | M22 | 50  | 90  | 35 | 950                |
| - M24               | M24 | 50  | 90  | 38 | 950                |
| - M27               | M27 | 60  | 110 | 45 | 1500               |
| - M30               | M30 | 60  | 110 | 45 | 1500               |
| - M33               | M33 | 70  | 133 | 55 | 2300               |
| - M36               | M36 | 70  | 133 | 55 | 2300               |
| - M42               | M42 | 80  | 151 | 65 | 3400               |
| - M48               | M48 | 80  | 151 | 65 | 4500               |
| - M64               | M64 | 110 | 210 | 90 | 9000               |

## 不銹鋼吊環 ST. Steel Lifting Eye Bolts

# 9101



|                    |                           |
|--------------------|---------------------------|
| 名稱<br>Name         | 材質<br>Material            |
| 本體 Basic structure | 不銹鋼 Stainless steel (SST) |

( mm )

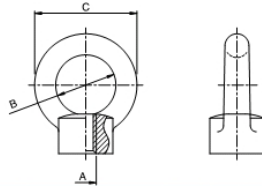
| Order No.<br>不銹鋼 (SST) | A   | B  | C  | D  | Loading<br>荷重 (kg) |
|------------------------|-----|----|----|----|--------------------|
| 9101 - M 6             | M6  | 20 | 33 | 15 | 80                 |
| - M 8                  | M8  | 20 | 33 | 15 | 80                 |
| - M10                  | M10 | 25 | 41 | 18 | 150                |
| - M12                  | M12 | 30 | 50 | 22 | 220                |
| - M14                  | M14 | 35 | 60 | 27 | 300                |
| - M16                  | M16 | 35 | 60 | 27 | 450                |
| - M18                  | M18 | 40 | 72 | 30 | 630                |
| - M20                  | M20 | 40 | 72 | 30 | 630                |
| - M22                  | M22 | 50 | 90 | 35 | 950                |
| - M24                  | M24 | 50 | 90 | 38 | 950                |

[91]

1970 **SILVER** 吊帽  
www.silver.com.tw **Lifting Eye Nuts**

**9110**

Tel:886-4-2406-3417 Fax:886-4-2406-3421



|                    |                |                             |
|--------------------|----------------|-----------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process     |
| 本體 Basic structure | 鐵 Steel (ST)   | 鍍五彩 Yellow zinc plated (YC) |

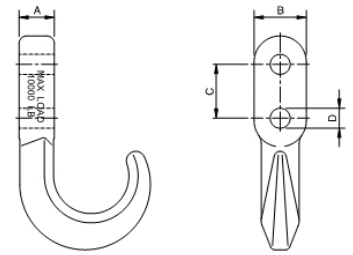
( mm )

| Order No.<br>鐵 (ST) | A   | B  | C   | Loading<br>荷重 (kg) |
|---------------------|-----|----|-----|--------------------|
| 9110 - M 6          | M6  | 20 | 33  | 80                 |
| - M 8               | M8  | 20 | 33  | 80                 |
| - M10               | M10 | 25 | 41  | 150                |
| - M12               | M12 | 30 | 50  | 220                |
| - M14               | M14 | 35 | 60  | 300                |
| - M16               | M16 | 35 | 60  | 450                |
| - M20               | M20 | 40 | 72  | 630                |
| - M22               | M22 | 50 | 90  | 950                |
| - M24               | M24 | 50 | 90  | 950                |
| - M27               | M27 | 50 | 90  | 1500               |
| - M30               | M30 | 60 | 110 | 1500               |
| - M36               | M36 | 70 | 133 | 2300               |

1970 **SILVER** 機械吊鉤  
www.silver.com.tw **Machinery Hooks**

**9116**

Tel:886-4-2406-3417 Fax:886-4-2406-3421



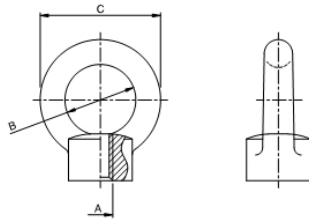
|                    |                |                         |
|--------------------|----------------|-------------------------|
| 名稱<br>Name         | 材質<br>Material | 表面處理<br>Surface process |
| 本體 Basic structure | 鐵 Steel (ST)   | 鍍亮鉻 Bright chrome (CF)  |

( mm )

| Order No.<br>鐵 (ST) | A  | B  | C  | D  | Loading<br>荷重 (kg) |
|---------------------|----|----|----|----|--------------------|
| 9116                | 23 | 31 | 35 | 13 | 4500<br>(10000 LB) |

不銹鋼吊帽  
ST. Steel Lifting Eye Nuts

**9111**



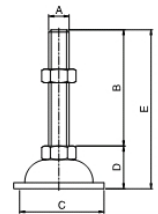
|                    |                           |
|--------------------|---------------------------|
| 名稱<br>Name         | 材質<br>Material            |
| 本體 Basic structure | 不銹鋼 Stainless steel (SST) |

( mm )

| Order No.<br>不銹鋼 (SST) | A   | B  | C  | Loading<br>荷重 (kg) |
|------------------------|-----|----|----|--------------------|
| 9111 - M 6             | M6  | 20 | 33 | 80                 |
| - M 8                  | M8  | 20 | 33 | 80                 |
| - M10                  | M10 | 25 | 41 | 150                |
| - M12                  | M12 | 30 | 50 | 220                |
| - M14                  | M14 | 35 | 60 | 300                |
| - M16                  | M16 | 35 | 60 | 450                |
| - M20                  | M20 | 40 | 72 | 630                |
| - M22                  | M22 | 50 | 90 | 950                |
| - M24                  | M24 | 50 | 90 | 950                |

標準型水平調整座  
Standard Type Adjustable Seats

**9130**



|            |                                           |                         |
|------------|-------------------------------------------|-------------------------|
| 名稱<br>Name | 材質<br>Material                            | 表面處理<br>Surface process |
| 腳座 Seat    | 鐵 Steel (ST)<br>不銹鋼 Stainless steel (SST) | 鍍鋅 Zined (ZI)           |
| 螺牙 Screw   | 鐵 Steel (ST)<br>不銹鋼 Stainless steel (SST) | 鍍鋅 Zined (ZI)           |

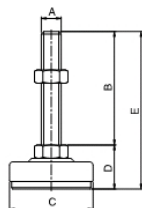
( mm )

| Order No.<br>鐵 (ST) | Order No.<br>不銹鋼 (SST) | A   | B   | C  | D  | E   | Loading<br>荷重 (kg) |
|---------------------|------------------------|-----|-----|----|----|-----|--------------------|
| 9130 - M 8 - 40     | 9131 - M 8 - 40        | M8  | 40  | 48 | 18 | 58  | 100                |
| - M 8 - 50          | - M 8 - 50             | M8  | 50  | 48 | 18 | 68  | 100                |
| - M 8 - 75          | - M 8 - 75             | M8  | 75  | 48 | 18 | 93  | 100                |
| - M 8 - 100         | - M 8 - 100            | M8  | 100 | 48 | 18 | 118 | 100                |
| - M12 - 75          | - M12 - 75             | M12 | 75  | 65 | 24 | 99  | 200                |
| - M12 - 100         | - M12 - 100            | M12 | 100 | 65 | 24 | 124 | 200                |
| - M12 - 150         | - M12 - 150            | M12 | 150 | 65 | 24 | 174 | 200                |
| - M16 - 75          | - M16 - 75             | M16 | 75  | 75 | 32 | 107 | 300                |
| - M16 - 100         | - M16 - 100            | M16 | 100 | 75 | 32 | 132 | 300                |
| - M16 - 150         | - M16 - 150            | M16 | 150 | 75 | 32 | 182 | 300                |



## 防震型水平調整座 Shockproof Type Adjustable Seats

# 9140



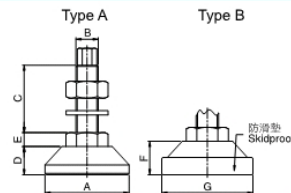
| 名稱            | 材質                        | 表面處理          |
|---------------|---------------------------|---------------|
| 腳座 Seat       | 鐵 Steel (ST)              | 鍍鋅 Zined (ZI) |
| 螺牙 Screw      | 不銹鋼 Stainless steel (SST) | 鍍鋅 Zined (ZI) |
| 防滑墊 Skidproof | 橡膠 Rubber                 | 黑色 Black (BK) |

| Order No.<br>鐵 (ST) | Order No.<br>不銹鋼 (SST) | A   | B   | C  | D  | E   | Loading<br>荷重 (kg) |
|---------------------|------------------------|-----|-----|----|----|-----|--------------------|
| 9140 - M 8 - 40     | 9141 - M 8 - 40        | M8  | 40  | 40 | 20 | 60  | 100                |
| - M 8 - 50          | - M 8 - 50             | M8  | 50  | 40 | 20 | 70  | 100                |
| - M 8 - 75          | - M 8 - 75             | M8  | 75  | 40 | 20 | 95  | 100                |
| - M 8 - 100         | - M 8 - 100            | M8  | 100 | 40 | 20 | 120 | 100                |
| - M12 - 75          | - M12 - 75             | M12 | 75  | 50 | 30 | 105 | 200                |
| - M12 - 100         | - M12 - 100            | M12 | 100 | 50 | 30 | 130 | 200                |
| - M12 - 150         | - M12 - 150            | M12 | 150 | 50 | 30 | 180 | 200                |
| - M16 - 75          | - M16 - 75             | M16 | 75  | 60 | 35 | 110 | 300                |
| - M16 - 100         | - M16 - 100            | M16 | 100 | 60 | 35 | 135 | 300                |
| - M16 - 150         | - M16 - 150            | M16 | 150 | 60 | 35 | 185 | 300                |



## 精密型腳座 Detailed Seats

# 9160

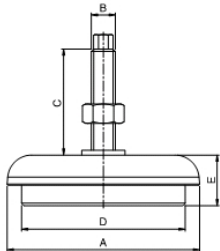


| 名稱            | 材質           | 表面處理          |
|---------------|--------------|---------------|
| 腳座 Seat       | 鐵 Steel (ST) | 黑色 Black (BK) |
| 螺牙 Screw      | 鐵 Steel (ST) |               |
| 防滑墊 Skidproof | 橡膠 Rubber    |               |

| Order No.<br>Type A  | Order No.<br>Type B  | A  | B   | C   | D  | E  | F  | G  | Loading<br>荷重 (kg) |
|----------------------|----------------------|----|-----|-----|----|----|----|----|--------------------|
| 9160 - 60 - M16 - 75 | 9161 - 60 - M16 - 75 | 60 | M16 | 43  | 21 | 10 | 26 | 66 | 800                |
| - 60 - M16 - 110     | - 60 - M16 - 110     | 60 | M16 | 78  | 21 | 10 | 26 | 66 | 800                |
| - 60 - M16 - 150     | - 60 - M16 - 150     | 60 | M16 | 118 | 21 | 10 | 26 | 66 | 800                |
| - 60 - M16 - 200     | - 60 - M16 - 200     | 60 | M16 | 168 | 21 | 10 | 26 | 66 | 800                |
| - 70 - M16 - 75      | - 70 - M16 - 75      | 70 | M16 | 43  | 21 | 10 | 26 | 76 | 1000               |
| - 70 - M16 - 110     | - 70 - M16 - 110     | 70 | M16 | 78  | 21 | 10 | 26 | 76 | 1000               |
| - 70 - M16 - 150     | - 70 - M16 - 150     | 70 | M16 | 118 | 21 | 10 | 26 | 76 | 1000               |
| - 70 - M16 - 200     | - 70 - M16 - 200     | 70 | M16 | 168 | 21 | 10 | 26 | 76 | 1000               |
| - 80 - M20 - 75      | - 80 - M20 - 75      | 80 | M20 | 42  | 21 | 10 | 26 | 86 | 1500               |
| - 80 - M20 - 120     | - 80 - M20 - 120     | 80 | M20 | 87  | 21 | 10 | 26 | 86 | 1500               |
| - 80 - M20 - 150     | - 80 - M20 - 150     | 80 | M20 | 117 | 21 | 10 | 26 | 86 | 1500               |
| - 80 - M20 - 200     | - 80 - M20 - 200     | 80 | M20 | 167 | 21 | 10 | 26 | 86 | 1500               |

## 防震腳座 Aseismatic Seats

# 9150



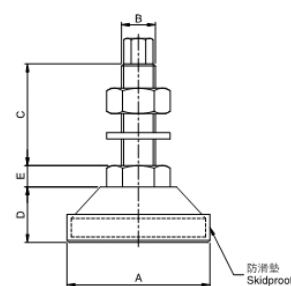
| 名稱            | 材質           | 表面處理                     |
|---------------|--------------|--------------------------|
| 腳座 Seat       | 鐵 Steel (ST) | 黃色烤漆 Painted yellow (YE) |
| 螺牙 Screw      | 鐵 Steel (ST) | 染黑 Dyed black (DB)       |
| 防滑墊 Skidproof | 橡膠 Rubber    | 黑色 Black (BK)            |

| Order No.<br>鐵 (ST)  | A   | B   | C   | D   | E  | Loading<br>荷重 (kg) |
|----------------------|-----|-----|-----|-----|----|--------------------|
| 9150 - 90 - M12 - 90 | 90  | M12 | 63  | 70  | 32 | 500                |
| - 120 - M12 - 90     | 120 | M12 | 63  | 95  | 38 | 600                |
| - 120 - M16 - 110    | 120 | M16 | 76  | 95  | 38 | 800                |
| - 160 - M16 - 110    | 160 | M16 | 76  | 135 | 41 | 1000               |
| - 160 - M20 - 120    | 160 | M20 | 85  | 135 | 41 | 1200               |
| - 200 - M20 - 120    | 200 | M20 | 85  | 175 | 47 | 2500               |
| - 200 - M24 - 180    | 200 | M24 | 142 | 175 | 47 | 2800               |
| - 250 - M24 - 180    | 250 | M24 | 142 | 225 | 58 | 4500               |

[94]

## 防震腳座 Aseismatic Seats

# 9170



| 名稱            | 材質           | 表面處理          |
|---------------|--------------|---------------|
| 腳座 Seat       | 鐵 Steel (ST) | 黑色 Black (BK) |
| 螺牙 Screw      | 鐵 Steel (ST) |               |
| 防滑墊 Skidproof | 橡膠 Rubber    |               |

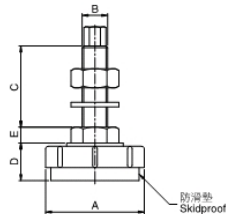
| Order No.<br>鐵 (ST)   | A   | B   | C   | D  | E  | Loading<br>荷重 (kg) |
|-----------------------|-----|-----|-----|----|----|--------------------|
| 9170 - 100 - M16 - 75 | 100 | M16 | 43  | 38 | 10 | 800                |
| - 100 - M16 - 110     | 100 | M16 | 78  | 38 | 10 | 800                |
| - 100 - M16 - 150     | 100 | M16 | 118 | 38 | 10 | 800                |
| - 100 - M16 - 200     | 100 | M16 | 168 | 38 | 10 | 800                |
| - 100 - M16 - 240     | 100 | M16 | 208 | 38 | 10 | 800                |

[95]

1970 **SILVER** 防震腳座  
www.silver.com.tw Aseismatic Seats

9171

Tel:886-4-2406-3417 Fax:886-4-2406-3421



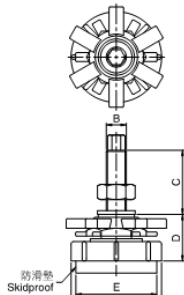
| 名稱<br>Name    | 材質<br>Material | 表面處理<br>Surfaced process |
|---------------|----------------|--------------------------|
| 腳座 Seat       | 鐵 Steel (ST)   | 藍色烤漆 Painted blue (BL)   |
| 螺牙 Screw      | 鐵 Steel (ST)   | 黑色 Black (BK)            |
| 防滑墊 Skidproof | 橡膠 Rubber      | 黑色 Black (BK)            |

( mm )

| Order No.<br>鐵 (ST)   | A   | B   | C   | D  | E  | Loading<br>荷重 (kg) |
|-----------------------|-----|-----|-----|----|----|--------------------|
| 9171 - 100 - M20 - 75 | 100 | M20 | 40  | 44 | 10 | 1000               |
| - 100 - M20 - 110     | 100 | M20 | 77  | 44 | 10 | 1000               |
| - 100 - M20 - 150     | 100 | M20 | 117 | 44 | 10 | 1000               |
| - 100 - M20 - 200     | 100 | M20 | 167 | 44 | 10 | 1000               |
| - 100 - M20 - 240     | 100 | M20 | 207 | 44 | 10 | 1000               |
| - 150 - M20 - 75      | 150 | M20 | 40  | 54 | 10 | 1500               |
| - 150 - M20 - 110     | 150 | M20 | 77  | 54 | 10 | 1500               |
| - 150 - M20 - 150     | 150 | M20 | 117 | 54 | 10 | 1500               |
| - 150 - M20 - 200     | 150 | M20 | 167 | 54 | 10 | 1500               |
| - 150 - M20 - 240     | 150 | M20 | 207 | 54 | 10 | 1500               |

多功能防震腳座  
Multi-Function Detailed Seats

9180



| 名稱<br>Name    | 材質<br>Material | 表面處理<br>Surfaced process                             |
|---------------|----------------|------------------------------------------------------|
| 腳座 Seat       | 鐵 Steel (ST)   | 黃色烤漆 Painted yellow (YE)<br>銀色烤漆 Painted silver (SR) |
| 螺牙 Screw      | 鐵 Steel (ST)   | 黑色 Black (BK)                                        |
| 防滑墊 Skidproof | 橡膠 Rubber      | 黑色 Black (BK)                                        |

( mm )

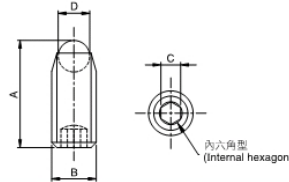
| Order No.<br>鐵 (ST)   | A   | B   | C   | D   | E   | Loading<br>荷重 (kg) | Limit loading<br>荷重極限 (kg) |
|-----------------------|-----|-----|-----|-----|-----|--------------------|----------------------------|
| 9180 - 100 - M12 - 90 | 100 | M12 | 60  | 77  | 95  | 600                | 7900                       |
| - 150 - M16 - 110     | 150 | M16 | 78  | 100 | 135 | 1000               | 7900                       |
| - 200 - M20 - 120     | 200 | M20 | 87  | 105 | 184 | 2500               | 7900                       |
| - 250 - M24 - 180     | 250 | M24 | 146 | 110 | 235 | 4000               | 7900                       |

[96]

1970 **SILVER** 動向定位珠螺桿  
www.silver.com.tw Swivel Clamping Screws

9220

Tel:886-4-2406-3417 Fax:886-4-2406-3421



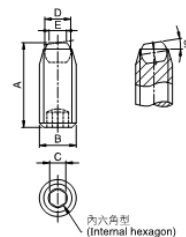
| 名稱<br>Name         | 材質<br>Material                 | 表面處理<br>Surfaced process |
|--------------------|--------------------------------|--------------------------|
| 螺絲 Screw           | 合金鋼 Alloy                      | 黑色 Black (BK)            |
| 珠子 Ball            | 鋼珠 SUJ2                        |                          |
| 熱處理 Heat treatment | 本體 HRC28°-32°<br>鋼珠 HRC55°-58° |                          |

( mm )

| Order No.<br>合金鋼 | A  | B   | C   | D   |
|------------------|----|-----|-----|-----|
| 9220 - M 4 - 10  | 10 | M4  | 2   | 2.5 |
| - M 4 - 15       | 15 | M4  | 2   | 2.5 |
| - M 5 - 10       | 10 | M5  | 2.5 | 3   |
| - M 5 - 20       | 20 | M5  | 2.5 | 3   |
| - M 6 - 10       | 10 | M6  | 3   | 4   |
| - M 6 - 20       | 20 | M6  | 3   | 4   |
| - M 8 - 20       | 20 | M8  | 4   | 5.5 |
| - M 8 - 30       | 30 | M8  | 4   | 5.5 |
| - M10 - 25       | 25 | M10 | 5   | 7   |
| - M12 - 30       | 30 | M12 | 6   | 8.7 |
| - M16 - 45       | 45 | M16 | 8   | 12  |
| - M20 - 60       | 60 | M20 | 10  | 15  |

動向定位珠螺桿  
Swivel Clamping Screws

9221



| 名稱<br>Name         | 材質<br>Material                 | 表面處理<br>Surfaced process |
|--------------------|--------------------------------|--------------------------|
| 螺絲 Screw           | 合金鋼 Alloy                      | 黑色 Black (BK)            |
| 珠子 Ball            | 鋼珠 SUJ2                        |                          |
| 熱處理 Heat treatment | 本體 HRC28°-32°<br>鋼珠 HRC55°-58° |                          |

( mm )

| Order No.<br>合金鋼 | A  | B   | C  | D   | E    |
|------------------|----|-----|----|-----|------|
| 9221 - M 6 - 10  | 10 | M6  | 3  | 4   | 2.6  |
| - M 6 - 20       | 20 | M6  | 3  | 4   | 2.6  |
| - M 8 - 10       | 10 | M8  | 4  | 5.5 | 3.8  |
| - M 8 - 25       | 25 | M8  | 4  | 5.5 | 3.8  |
| - M10 - 25       | 25 | M10 | 5  | 7   | 4.8  |
| - M10 - 40       | 40 | M10 | 5  | 7   | 4.8  |
| - M12 - 30       | 30 | M12 | 6  | 8.7 | 6.1  |
| - M16 - 45       | 45 | M16 | 8  | 12  | 8.3  |
| - M20 - 50       | 50 | M20 | 10 | 15  | 10.2 |

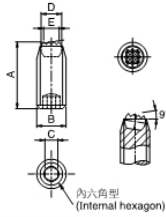
[97]



**動向定位珠螺桿 Swivel Clamping Screws**

**9222**

Tel:886-4-2406-3417 Fax:886-4-2406-3421



|                    |                    |                  |
|--------------------|--------------------|------------------|
| 名稱                 | 材質                 | 表面處理             |
| Name               | Material           | Surfaced process |
| 螺絲 Screw           | 合金鋼 Alloy          | 黑色 Black (BK)    |
| 珠子 Ball            | 鋼珠 SUJ2            |                  |
|                    | 齒輪型 Serrated shape |                  |
| 熱處理 Heat treatment | 本體 HRC28~32°       |                  |
|                    | 鋼珠 HRC55~58°       |                  |

( mm )

| Order No.<br>合金鋼 | A  | B   | C  | D   | E    |
|------------------|----|-----|----|-----|------|
| 9222 - M 6 - 10  | 10 | M6  | 3  | 4   | 2.6  |
| - M 6 - 20       | 20 | M6  | 3  | 4   | 2.6  |
| - M 8 - 20       | 20 | M8  | 4  | 5.5 | 3.8  |
| - M 8 - 30       | 30 | M8  | 4  | 5.5 | 3.8  |
| - M10 - 20       | 20 | M10 | 5  | 7   | 4.8  |
| - M10 - 40       | 40 | M10 | 5  | 7   | 4.8  |
| - M12 - 50       | 50 | M12 | 6  | 8.7 | 6.1  |
| - M16 - 55       | 55 | M16 | 8  | 12  | 8.3  |
| - M20 - 60       | 60 | M20 | 10 | 15  | 10.2 |
| - M20 - 95       | 95 | M20 | 10 | 15  | 10.2 |

**Memo**