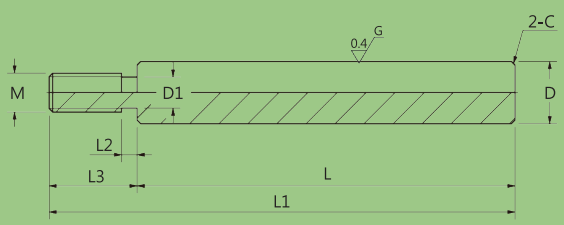
## HFP009






| D (mm) | Roundness 真圓度(μm) |
|---|---|
| <13 | 0.004 |
| <20 | 0.005 |
| <30 | 0.006 |

| D (mm) | Hardness Penetration 淬火深度(mm) | |
|---|---|---|
| | SUJ2 | SUS440C |
| <10 | 0.5 | 0.5 |
| <13 | 0.7 | 0.5 |
| <20 | 0.7 | 0.7 |
| <25 | 1.0 | 0.7 |

| L (mm) | TOL. 公差(mm) |
|---|---|
| <6 | ±0.1 |
| <30 | ±0.2 |
| <120 | ±0.3 |
| <400 | ±0.5 |
| <1000 | ±0.8 |
| <1500 | ±1.2 |

| Undercut Size List 退刀槽尺寸表 | | | | | |
|---|---|---|---|---|---|
| M | D1 | L2 | M | D1 | L2 |
| 6 | 4.4 | 2 | 16 | 13 | 4 |
| 8 | 6 | 3 | 20 | 16.4 | 5 |
| 10 | 7.7 | 3 | 24 | 19.6 | 5 |
| 12 | 9.4 | 4 | 30 | 25 | 5 |

| Type 品名 | Material 材質 | Heat Treatment 熱處理 | Hardness 硬度 | Surface Treatment 表面處理 | Coating Thickness 鍍膜厚度 | Delivery 交貨日 |
|---|---|---|---|---|---|---|
| HFP009-A | SUJ2(1.3505) 軸承鋼 | Surface Hardened 高頻淬火 | HRC58~ | - | - | 5 Working Days 5 個工作日 |
| HFP009-C | | | | Hard Chromium Electroplating 鍍硬鉻 | 5μm | |
| HFP009-D | SUS440C (1.4125) 不鏽鋼 | | HRC56~ | | | |
| HFP009-B | | | | - | - | |

| Type | D | TOL. | L (u:1mm) | L3 (u:1mm) | M | Max.L1 | C |
|---|---|---|---|---|---|---|---|
| HFP009-A HFP009-B HFP009-C HFP009-D | 8 | -0.005 -0.014 | 25~795 | 5≤L3≤Mx3 | 6 | 800 | 0.5 |
| | 10 | -0.005 -0.014 | 25~795 | 5≤L3≤Mx3 | 6/8 | 800 | 0.5 |
| | 12 | -0.006 -0.017 | 25~995 | 5≤L3≤Mx3 | 6/8/10 | 1000 | 0.5 |
| | 13 | -0.006 -0.017 | 25~995 | 5≤L3≤Mx3 | 6/8/10/12 | 1000 | 0.5 |
| | 15 | -0.006 -0.017 | 25~995 | 5≤L3≤Mx3 | 6/8/10/12 | 1000 | 0.5 |
| | 16 | -0.006 -0.017 | 25~1195 | 5≤L3≤Mx3 | 6/8/10/12 | 1200 | 0.5 |
| | 18 | -0.006 -0.017 | 25~1195 | 5≤L3≤Mx3 | 6/8/10/12/16 | 1200 | 0.5 |
| | 20 | -0.007 -0.020 | 25~1195 | 5≤L3≤Mx3 | 6/8/10/12/16 | 1200 | 1.0 |
| | 25 | -0.007 -0.020 | 25~1195 | 5≤L3≤Mx3 | 8/10/12/16/20/24 | 1200 | 1.0 |
| | 30 | -0.007 -0.020 | 25~1495 | 5≤L3≤Mx3 | 8/10/12/16/20/24 | 1500 | 1.0 |

Further dimensions on repuest
規格尺寸若另有需求，歡迎洽詢

※ u=unit

## Order Ex. 訂購範例

HFP009-□-8-L-L3-M

| | |
|---|---|
| A B C or D | 選擇導桿材質 |
| OD | 外徑尺寸 |
| Length of Shaft | 導桿長度 |
| Length of Thread | 螺紋長度 |
| Choose M (Thread) | 選擇螺紋M |

| Alterations 追加工名稱 | Description 加工說明 | Order Ex. 訂購範例 |
|---|---|---|
| A  | Length tolerance change<br>長度公差變更 | HFP009-A-8-100-10-M6-A(±0.03)<br>Length tolerance change to ±0.03<br>長度公差變更為±0.03 |
| C  | Adds set screw flat<br>單平面或雙平面加工 | HFP009-A-8-100-10-M6-C or 2C<br>Adds set screw flats at one or two locations<br>單平面或雙平面追加 |
| D  | Decreases right angles<br>單90度平面或雙90度平面 | HFP009-A-8-100-10-M6-D or 2D<br>Right angles at one or two locations<br>單90度平面或雙90度平面 |
| F  | Adds key grooves<br>單鍵槽或雙鍵槽右工 | HFP009-A-8-100-10-M6-F or 2F<br>Key grooves at one or two locations<br>單鍵槽或雙鍵槽加工 |

※u=unit