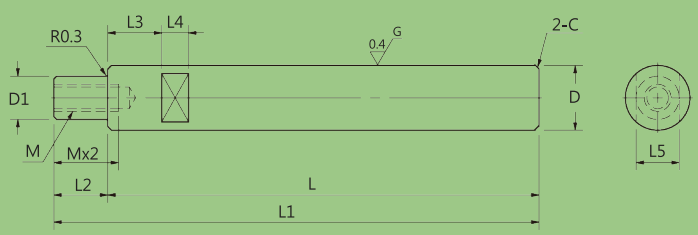
Precision Linear Shafts
-One End Stepped and Female Thread with Wrench Flats
導桿-一台階內螺紋帶扳手槽型

HFP022





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

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
HFP022-A	SUJ2(1.3505) 軸承鋼	Surface Hardened 高頻淬火	HRC58~	-	-	5 Working Days 5 個工作日
HFP022-E				Black Chromium Electroplating 低溫黑鉻	5μm	
HFP022-C				Hard Chromium Electroplating 鍍硬鉻		
HFP022-D	SUS440C (1.4125) 不鏽鋼		HRC56~			
HFP022-B				-	-	

Type	D	TOL.	D1 (u:1mm)	L (u:1mm)	L2 (u:1mm)	L3 (u:1mm)	M	Max.L1	L4	L5	C
HFP022-A HFP022-B HFP022-C HFP022-D HFP022-E	8	-0.005 -0.014	6	25~798	2≤L2≤D1x4	L3+L4≤L	3	800	8	7	0.5
	10	-0.005 -0.014	6~8	25~798	2≤L2≤D1x4	L3+L4≤L	3/4/5	800	8	8	0.5
	12	-0.006 -0.017	6~10	25~998	2≤L2≤D1x4	L3+L4≤L	3/4/5/6	1000	10	10	0.5
	13	-0.006 -0.017	6~11	25~998	2≤L2≤D1x4	L3+L4≤L	3/4/5/6/8	1000	10	11	0.5
	15	-0.006 -0.017	6~13	25~998	2≤L2≤D1x4	L3+L4≤L	3/4/5/6/8/10	1000	10	13	0.5
	16	-0.006 -0.017	6~14	25~1198	2≤L2≤D1x4	L3+L4≤L	3/4/5/6/8/10	1200	10	14	0.5
	18	-0.006 -0.017	8~16	25~1198	2≤L2≤D1x4	L3+L4≤L	4/5/6/8/10/12	1200	10	16	0.5
	20	-0.007 -0.020	8~17	25~1198	2≤L2≤D1x4	L3+L4≤L	4/5/6/8/10/12	1200	10	17	1.0
	25	-0.007 -0.020	8~22	25~1198	2≤L2≤D1x4	L3+L4≤L	4/5/6/8/10/12/16	1200	10	22	1.0
	30	-0.007 -0.020	9~27	25~1498	2≤L2≤D1x4	L3+L4≤L	5/6/8/10/12/16/20/24	1500	15	27	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

HFP022-□-8-D1-L-L2-L3-M

A B C D or E	選擇導桿材質
OD	外徑尺寸
Diameter of Shaft	軸頸外徑
Length of Shaft	導桿長度
Length of Shaft	軸頸長度
The Position of Wrench Flats	扳手槽位置
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 長度公差變更	HFP022-A-8-6-100-10-20-M3-A(±0.03) Length tolerance change to ±0.03 長度公差變更為±0.03
C 	Adds set screw flat 單平面或雙平面加工	HFP022-A-8-6-100-10-20-M3-C or 2C Adds set screw flats at one or two locations 單平面或雙平面追加
D 	Decreases right angles 單90度平面或雙90度平面	HFP022-A-8-6-100-10-20-M3-D or 2D Right angles at one or two locations 單90度平面或雙90度平面
F 	Adds key grooves 單鍵槽或雙鍵槽右工	HFP022-A-8-6-100-10-20-M3-F or 2F Key grooves at one or two locations 單鍵槽或雙鍵槽加工

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