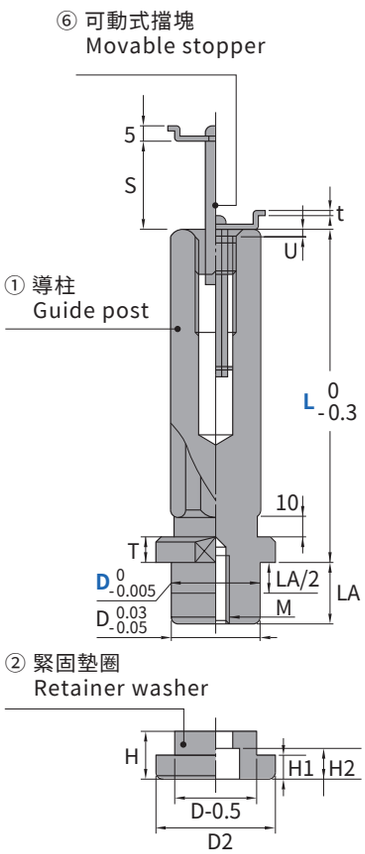
模座用滾針導柱組
Needle Roller Guide Set for Die Set

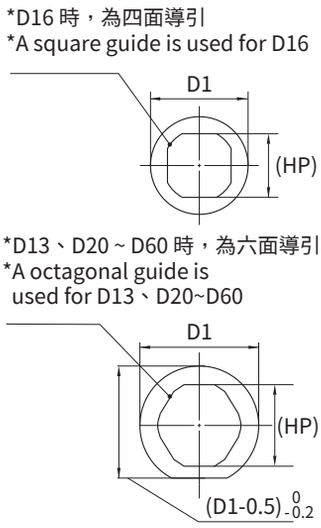
HRGSL 可動式擋塊
For Movable Stopper



特點 Features

1. 高剛性，線接觸的滾針剛性高達10倍以上。
   The rigidity of the line contact rolling pins provide rigidity over 10 times greater.
2. 直線度2倍以上。
   Straightness exceeds 2 times.
3. 滾針分散壓力，延長使用壽命。
   Rolling pins distribute pressure, extending service life.
4. 振動低，實現低預壓。
   Low vibration enables low pre-loading.
5. 高精度，重複精度3倍以上，產品不殘留主邊。
   High precision, repeatability exceeds 3 times, does not leave the main edge.





型號 Model	D	⑤ 彈簧 Springs 指定單位 5 mm Specified the unit 5 mm		① 導柱 Guide post										⑥ 可動式擋塊 Movable stopper	
		L	FL	D1	D2	LA	H	H1	H2	(HP)	T	M	U	t	S
HRGSL	13	70~120	30~100	19	17	12	7	3	5.5	11.0	5	M5X8	2.5	-	-
	16	75~135	30~110	24	22	16	10	4	6.5	14.6	6	M6X10	4.3	1.2	9
	20	75~140	40~120	29	28		14	7	8.5	19	8	M8X20	3.0	1.6	20
	25	95~160	60~140	35	35	18				24			3.5	1.6	25
	28	95~160	50~140	37	36	20	16	8	10.5	26.7		M10X20		1.6	27
	32	115~180	70~155	42	40	23				31	10	M10X25		1.6	28
	40	120~220	70~200	54	50	35	18	9	12.5	39		M12X30	4.0	2.0	33
	50	150~250	90~230	64	60					48.6	12		5.0	2.0	35
	60	150~250	70~210	74	72	42	20	12	14.5	58.4	15	M14X30		2.0	51

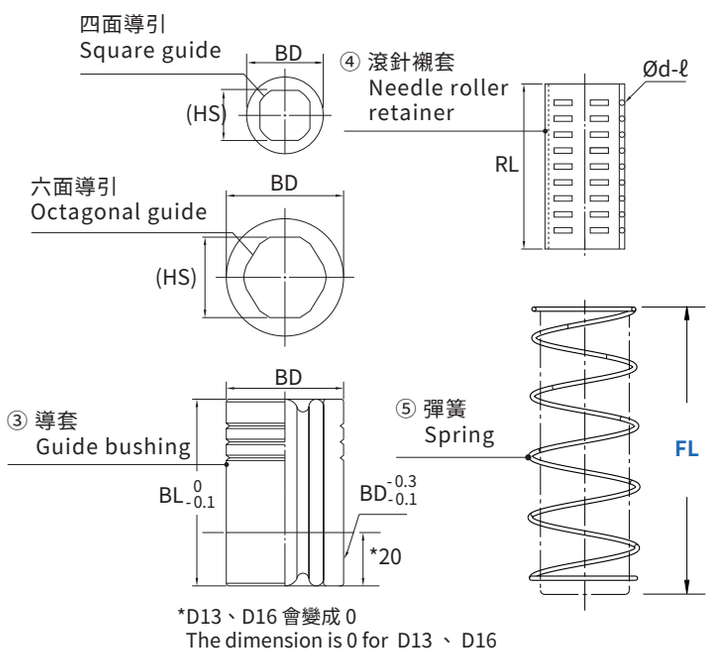
TEL: 07-5377726
EMAIL: headway@hdw.com.tw

軸徑 Diameter Ø13~Ø60

訂購範例 Order : HRGSL - SKS3 - 13 - 70 - 30

材質 Material | D | L | FL

構成零件 Component		
名稱 Name	材質 Material	硬度 Hardness
① 導柱 Guide post	SKS3 / SUJ2	60~62 HRC
② 緊固墊圈 Retainer washer	S45C	-
③ 導套 Guide bushing	SKS3 / SUJ2	60~62 HRC
④ 滾針襯套 Needle roller retainer	滾針: SUJ2 Needle(POM): SUJ2	60~62 HRC
	保持器: 超級工程塑膠 Retainer: Super engineering plastic	-
⑤ 彈簧 Spring	SWP-B	
⑥ 可動式擋塊 Movable stopper	S45C / SPC-1	



*D13、D16 會變成 0
The dimension is 0 for D13 、 D16

*④ 滾針襯套可單品銷售，詳細請洽客服人員
Needle roller retainer can be sold as a single product, please contact customer service for details.

D	③ 導套 Guide bushing					④ 滾針襯套 Needle roller retainer			
	BD		BL	(HS)	槽數 Number of slots	RL	d	ℓ	滾針數量 Amount of needle
13	23	0 -0.006	40	15	3	30	2.0	4.8	45
16	30			18.6		30		6.8	24
20	37	0 -0.007	60	23		52			48
25	45		70	28		62		7.8	54
28	47		75	31.7		66	2.5		60
32	55	0 -0.008	78	36	4	68			
40	68		92	45	5	78	3.0	9.8	72
50	80		96	54.6		82		11.8	78
60	95		120	66.4	6	116	4.0	13.8	84