

SPRING GUIDE UNITS

RoHS **CUK**

① Guide pin **M** S45C
H 50HRC ~ (Surface induction hardening)

② Coil spring
 ③ Hexagon socket head cap screw (D40 : M12 D50~60 : M16 D70 : M20)
 ④ Separate disk **M** FC250 Special solid lubricant (embedded)
 ⑤ Pressure disk **M** SS400

When using for the purpose of cam return, also refer to **P.1367**

d	D1	D2	M×P	B	Catalog No.	② Type	① FL	L: 1mm increments												
								90	100	125	150	175	200	250	300	350	*400	*450	*500	
19	50	28	12×1.75	24	CUK	SWF SWL SWM SWH	40	68 ~90	80 ~100	90 ~125	105 ~150	130 ~175	145 ~200	195 ~250	240 ~300	—	—	—	—	
24	60	36	16×2.0	28			50	—	—	—	—	—	—	—	—	—	—	—	—	—
29	70	43	16×2.0	28			60	68 ~90	80 ~100	95 ~125	110 ~150	120 ~175	135 ~200	185 ~250	225 ~300	275 ~350	~400	~450	~500	—
35	80	48	20×2.5	33			(70)	—	—	—	—	—	—	—	—	—	—	—	—	—

Ⓜ D=(70) is a specification available for SWF and SWL only. Ⓜ *FL 400 and larger are available for SWF only.

Order **Catalog No.** — **Spring type** — **D** — **FL** — **L**
CUK — **SWM** — **60** — **250** — **200** **Days to Ship** **Quotation**

Price **Quotation**

Coil spring specifications
 SWF **P.1415** SWM **P.1419**
 SWL **P.1417** SWH **P.1421**

Example (When using as a cushion for drawing)

WAVE WUR5 **P.1012**

(When using as a pressure source for pad)

CSR · CSRH **P.1001-1003** PKH **P.982**

① Guide pin

Coil spring outer diameter D	d	b	C	M×P	B	② Spring free length (FL)											
						90	100	125	150	175	200	250	300	350	400	450	500
40	19	12	7	12×1.75	24	55	65	75	85	95	110	—	—	—	—	—	—
50	24	17	10	16×2.0	28	60	70	80	90	100	110	110	110	110	110	110	110
60	29	17	10	16×2.0	28	60	70	80	90	100	100	110	110	110	110	110	110
70	35	22	10	20×2.5	33	60	70	80	90	100	100	110	110	110	110	110	110

④ Separate disk **M** FC250 Special solid lubricant (embedded)

⑤ Pressure disk **M** SS400

Components for spring guide units

Coil spring outer diameter D	Catalog No. Type	L: 1mm increments										Base unit price 1~9 pieces															
		No.	90	100	125	150	175	200	250	300	350	400	450	500	90	100	125	150	175	200	250	300	350	400	450	500	
40	① Guide pin CUKGP	40	68 90	80 100	90 125	105 150	130 175	145 200	195 250	240 300	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
50		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60		60	68 90	80 100	95 125	110 150	120 175	135 200	185 250	225 300	275 350	325	375	425	—	—	—	—	—	—	—	—	—	—	—	—	—
70		70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Quotation

Coil spring outer diameter D	D1	d	Catalog No. Type	No.	Base unit price 1~9 pieces	Spring outer dia. D	D2	d1	Catalog No. Type	No.	Base unit price 1~9 pieces
50	60	24	50	Quotation	50	36	17	50	Quotation		
60	70	29	60	Quotation	60	43	—	60	Quotation		
70	80	35	70	Quotation	70	48	21	70	Quotation		

Order **Catalog No.** — **Spring FL** — **L**
CUKGP 60 — **250** — **200** **Days to Ship** **Quotation**

Price **Quotation**

Washers for adjusting the height of spring guide units

CUP **CUR**

M SS400

D	d	Catalog No. Type	No.	t	Base unit price 1~9 pieces	D	d	Catalog No. Type	No.	t	Base unit price 1~9 pieces
55	25	50	2	Quotation	55	16.5	50	5	Quotation		
65	30	60	5	Quotation	65	16.5	60	5	Quotation		
75	36	70	—	—	75	20.5	70	—	—		

Order **Catalog No.** — **t**
CUR 40 — **5**

Days to Ship **Quotation**

Price **Quotation**

