


ROLLER CAGES / ROLLER STOPPERS, FIXED TYPE / ROLLER SPRINGS

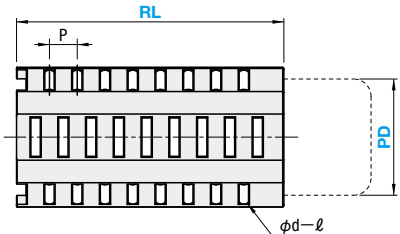


CLAMPS FOR STRIPPER GUIDE PINS / MILLION GREASE
— POLYUREA EP GREASE —

RoHS



RBJ (Roller cage)



① Polyacetal (Roller:SUJ2)

d	ℓ	P	Number of rollers	Catalog No.		RL	Base unit price 1~9 pieces
				Type	PD		
2.0	6.8	4.7	24	RBJ (Roller cage)	16	30	Quotation
2.0	6.8	4.8	51		20	46	
2.0	7.8	4.7	63		25	(56)	

Order

Catalog No. — RL

RBJ 20 — 46


Days to Ship

Quotation

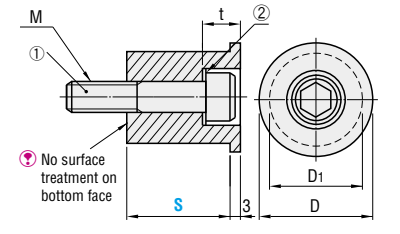
Price

Quotation

RoHS



RSTKH (Roller stopper, fixed type)



① No surface treatment on bottom face

① CB ② Spring washer

D	D ₁	t	Catalog No.		S	Base unit price 1~9 pieces
			Type	PD	1mm increments	
17	13.5	8.5	RSTKH (Fixed stopper)	16	11~20	Quotation
21	18	11		20	11~25	
26	23	11		25	11~30	

PD=Post diameter
Order

Catalog No. — S

RSTKH 16 — 12

Days to Ship

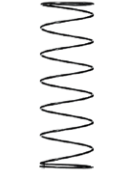
Quotation

Price

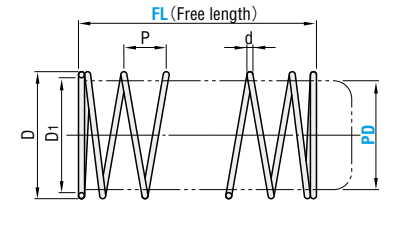
Quotation

① Provided bolt CB					
PD (No.)	11~13	14~18	19~23	24~28	29~30
16	M6×15	M6×20	M6×25	—	—
20	M8×15	M8×20	M8×25	M8×30	—
25	M8×15	M8×20	M8×25	M8×30	M8×35

RoHS



RSWP (Roller spring)



① SWP—B

D	D ₁	d	P	Catalog No.		FL	Base unit price 1~9 pieces
				Type	PD	5mm increments	
17.9	16.3	0.8	12	RSWP (Roller spring)	16	30~80	Quotation
22.1	20.3	0.9	14		20	35~80	
27.2	25.4	0.9	15		25	40~80	

Order

Catalog No. — FL

RSWP 20 — 80

Days to Ship

Quotation


Price

Quotation

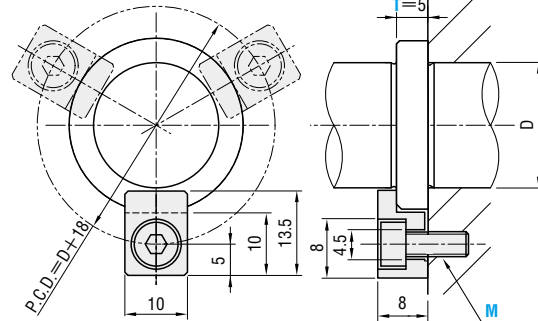
Spring solid height (mm) / Spring constant (g / mm)											
Type	PD	FL (Free length)									
		30	35	40	45	50	55	60	65	70	80
RSWP	16	3.7	4.1	4.4	4.6	5.0	5.3	5.7	5.9	6.2	6.6
		32	26	23	22	20	19	16	15	14	13
	20	—	4.1	4.4	4.7	5.0	5.3	5.7	5.9	6.3	6.7
		—	28	24	22	19	18	16	15	14	13
	25	—	—	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3
		—	—	13	12	10	9	9	8	8	7

Upper: Solid height
Lower: Spring constant

RoHS



FCLP (Clamp for stripper guide pin)



① S45C
② Black oxide (FeSO₄)
③ CB4—10

Catalog No.		M	Base unit price 1~9 pieces
Type	T		
FCLP	5	4	Quotation

Order

Catalog No. — M

FCLP 5 — 4

Days to Ship

Quotation

Price

Quotation

FCLP can be used as a clamp for SGPWH・RSGPW・RSGPS.
Use 3 pieces for D20 or less, or 4 pieces for D25 or more.

MILLION GREASE (Polyurea EP grease)

MGS—80 (80g)
MGS—400 (400g)



Ingredients

Material name	Composition ratio
Base oil: refined mineral oil	Approx. 75%
Thickener: polyurea	Approx. 10%
Additive	Approx. 15%

RoHS



Volume (g)	Exterior	Service temperature range	Consistency (25℃)	Catalog No.	¥ Base unit price 1piece	¥ Volume discount 2piece ~
80 400	Yellow threads	-20 ~ 150℃	320	MGS—80 MGS—400	Quotation	

Order

Catalog No.

MGS—80

Days to Ship

Quotation

Price

Quotation

- Application
- For lubrication of guide units of punch die and forming die.
 - For lubrication of mechanical sliding part.

- Features
- It is a polyurea EP grease composed of molybdenum, EP additive, polymer, antioxidant and antirust agent, which uses polyurea EP thickener and refined mineral oil having good thermal stability as its base oil.
 - It has superior oxidation stability, water-proof performance, adhesiveness, heat resistance, mechanical stability, and particularly excellent extreme pressure (EP) property due to specially added molybdenum.
 - Because special polymer is added, it is highly adhesive, waterproof and retentive so that it can be applied to where grease dips easily (such as vertical sliding surface).

- Precautions for use
- Inflammation may occur if it enters eyes, be sure to wear goggles when it is used.
 - Skin contact may cause inflammation, be sure to wear protective gloves when it is used.
 - Be sure to wear protective gloves in order to prevent hands from being hurt by container falling-down.

Be sure to read above-mentioned precautions before use.