

Floor Stoppers

■ Components used to temporarily stop carriages.

■ Push Force Selectable

No.65, 75 **No.100, 150** 100:A View 150:A View

RoHS 10

① Select either medium or heavy gripping force by referring to the push force of Built-in Spring.
② Shipped with the identification sticker attached to the main body. (L) (H)

Material: Main Body: EN 1.0320 Equiv. (hot coated), Built-in Spring: JIS-SWP-A
Surface Treatment: Trivalent Chromate

Part Number Type	No.	Push Force Selectable	Mounting Height	Stroke		D	Mounting Plate Dimensions						t	h	(U)	(J)	Push Force N		Mass (kg)	Unit Price	
				Y1 (min)	Y2 (max)		A	C	F1	F2	G1	G2					d	L (Medium)		H (Heavy)	L
FLOCK	65	L (Push Force: Medium) H (Push Force: Heavy)	85	75	90	60	105	135	67	-	103	-	10.5	2.3	5	93	53	120	200	0.7	
	75		90	80	95											0.8					
	100		130	115	135	75	120	120	85	100	85	100	11	4	10	127	87			1.2	
	150		160	145	165		105	135	70	-	110	-									

① Push force will be H (heavy) when not specified.

Ordering Example: Part Number - Push Force
FLOCK100 - L

■ Height-Adjustable Type

No.65, 75 **No.100, 150** A View

RoHS 10

① MISUMI Patent

Rotating adjusting nut enables adjustment of the distance from the floor by positioning pad in vertical direction.

Material: Main Body: EN 1.0320 Equiv. (hot coated), Built-in Spring: JIS-SWP-A
Surface Treatment: Baked Finish (Main Body: Black / OFF Pedal: Yellow)

Part Number		Mounting Height		Stroke				D	Mounting Plate Dimensions						t	h	(U)	(J)	Push Force N	Mass (kg)	Unit Price
Type	No.			Released		Locked (Adjustment Range)			A	C	F1	F2	G1	G2							
		min	max	Y1(min)	Y1 (max)	Y2 (min)	Y3 (max)														
FLOCKZ	65	85	90	75	80	90	95	60	105	135	67	-	103	-	10.5	2.3	5	93	53	0.7	
	75	90	101	80	91	95	106													0.8	
	100	130	140	115	125	135	145	75	120	120	85	100	85	100	11	4	10	127	87	1.2	
	150	160	195	145	180	165	200													1.3	

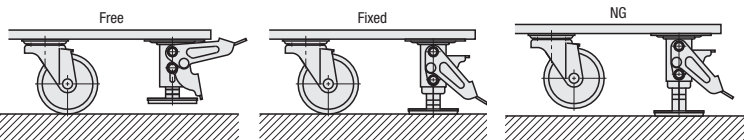
Ordering Example: Part Number
FLOCKZ75

■ Features

- For FLOCK, push force by spring tension can be selected.
- FLOCKZ has the industry's first height-adjuster, and allows mounting height adjustments within certain ranges.

■ Caution

- This product alone is not designed to lift carriages and support object.
- For movable loads, please refer to the allowable load of casters.



Example



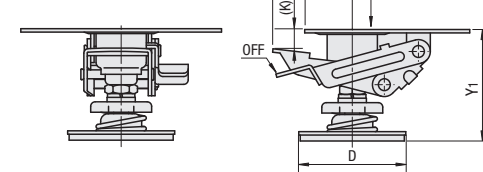
Type	Material	Surface Treatment	Built-in Spring
FLOCK	EN 1.0320 Equiv. (hot coated)	Trivalent Chromate	JIS-SWP-B
FLOKS	EN 1.4301 Equiv.	-	EN 1.4301 (WPB) Equiv.

■ Load

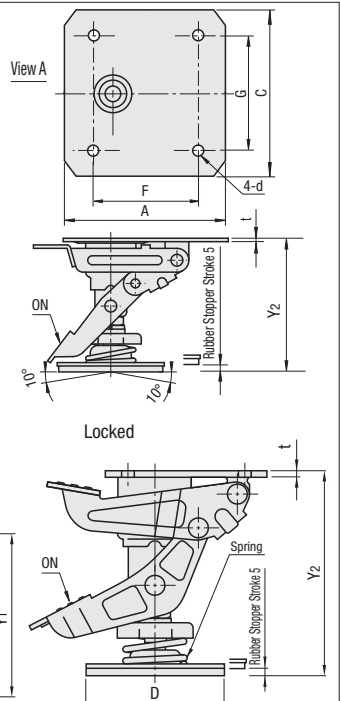
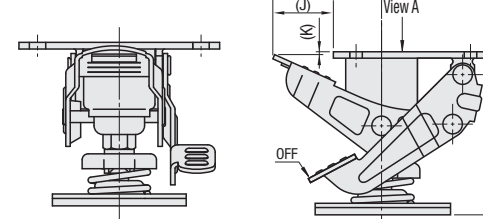
Regardless of the carrier's weight or load, the spring cushion built in the stopper firmly grips floor with a constant force. For movable load, please refer to the allowable load of the caster. Carriages cannot be off the ground.

① Do not weld.

No.65, 75, 75A



No.100, 125, 150



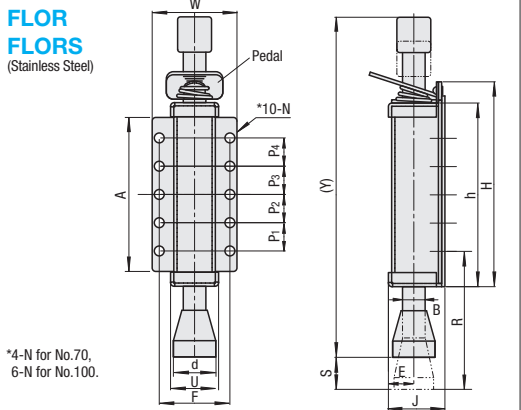
Part Number Type	No.	Mounting Height	Stroke		D	Mounting Plate Dimensions					t	(K)	(U)	(J)	Spring Constant Kg/mm		Mass (kg)	Unit Price	
			Y1 (min)	Y2 (max)		A	C	F	G	d					FLOCK	FLOKS		FLOCK	FLOKS
FLOCK FLOKS (Stainless Steel)	65	85	75	90	60						2.3 (2.0)	22.4	45	23	1.81	1.58	1.1		
	75	92(93)	82.5	97.5													1.2		
	75A	106(102)	96(92)	111(107)		105	135										1.2		
	100	130	110	135													1.4		
	125	165	145	170	90			70	110	11	4.5	2.4	73	41	3.09	2.73	1.5		
	150	190	170	195													1.5		

① () is the dimension for FLOKS.

■ Floor Locks



FLOR FLORS (Stainless Steel)



*4-N for No.70, 6-N for No.100.

Type	Material	Surface Treatment	Built-in Spring	Pad
FLOR	EN 1.0320 Equiv.	Trivalent Chromate	JIS-SWP-B	EPDM
FLORS	EN 1.4301 Equiv.	-		Electrically Conductive Rubber

Example



- Pushing the upper pad down to floor activates instant-locking.
- Stepping on the pedal unlocks to allow stroke adjustments.
- In "unlocked" state, mount it with 25 ~ 30 mm of space between the floor and the lower pad.
- Choose any one of mounting holes to firmly fix the product in place with bolts, etc.

Part Number		Stroke (S)	(Y)	H	h	W	A	R	Mounting Dimension							B	d	U	J	E	Spring Constant N/mm (Kg/mm)	Pedal Stepping Allowable Load N		Mass (g)	Unit Price		
Type	No.								P ₁	P ₂	P ₃	P ₄	F	N	FLO _R							FLO _R S	FLO _R		FLO _R S		
FLOR FLORS	70	30	160	85	68	40	60	76	45	-	-	-	30	5.5	10	20	24	34	15	6.91 (0.704)	60	110	270				
	100		210	117.5	100	60	80	90	35	35	-	-							620								
	130	34	240	147.5	130		110	100	20	20	20	20	50	7	16	30	34	40	18							770	

Ordering Example: Part Number
FLOK125
FLOR70