


# Floor Stoppers

## Compact / Adjustable Height

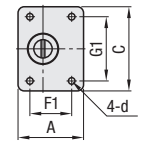
Auxiliary parts used to stop carriage temporarily. Ⓢ CFSK31 was discontinued in April 2010. FLOCK150 is provided as an alternative.

**Floor Stoppers – Compact**

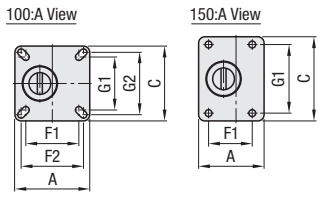


RoHS 10

**FLOCK65  
FLOCK75**  
No. 65, 75



**FLOCK100  
FLOCK150**  
No. 100, 150




**Material:** Main Body: Low Carbon Steel  
**Built-in Spring:** Spring Steel (ASTM A228)  
**Surface Treatment:** Trivalent Chromate

Part Number Type	No.	Push Force	Stroke			Mounting Plate Dimensions								t	h	(U)	(J)	Push Force N	Mass (kg)								
			Y <sub>1</sub> (min)	Y <sub>2</sub> (max)	Y <sub>3</sub> (max)	D	A	C	F <sub>1</sub>	F <sub>2</sub>	G <sub>1</sub>	G <sub>2</sub>	d														
FLOCK	65	L Medium H Heavy	85	75	90	60	105	135	67	—	103	—	10.5	2.3	5	93	53	200	0.7								
	75		90	80	95																						
	100		130	115	135		75	120	120	85	100	85	100							—	11	4	10	127	87	250	1.2
	150		160	145	165																						

**Part Number Example:** FLOCK100 - L

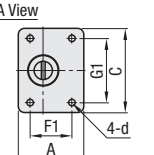
Select either medium or heavy gripping force by referring to the push force of built-in spring.  
Shipped with the identification seal attached to the main body. LH

**Floor Stoppers – Adjustable Height**

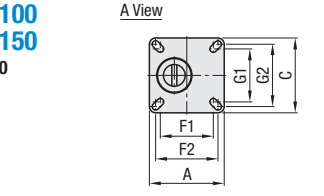


RoHS 10

**FLOCKZ65  
FLOCKZ75**  
No. 65, 75



**FLOCKZ100  
FLOCKZ150**  
No. 100, 150



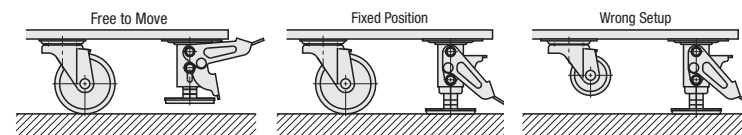
**Material:** Main Structure: Low Carbon Steel  
**Integrated-spring:** Spring Steel (ASTM A228)  
**Surface Treatment:** Baked Finish (Black / Yellow)

Part Number Type	No.	Mounting Height		Stroke				Mounting Plate Dimensions								t	h	(U)	(J)	Push Force N	Mass (kg)							
		min	max	Released		Locked (Adjustment Range)		D	A	C	F <sub>1</sub>	F <sub>2</sub>	G <sub>1</sub>	G <sub>2</sub>	d													
FLOCKZ	65	85	90	75	80	90	95	60	105	135	67	—	103	—	10.5	2.3	5	93	53	200	0.7							
	75	90	101	80	91	95	106																					
	100	130	140	115	125	135	145		75	120	120	85	100	85	100							11	4	10	127	87	250	1.2
	150	160	195	145	180	165	200																					

**Part Number Example:** 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.

**Cautions:**  
- This product alone is not designed to lift carriages and supported objects. For movable loads, please refer to the allowable load of casters.



# Floor Stoppers / Floor Locks

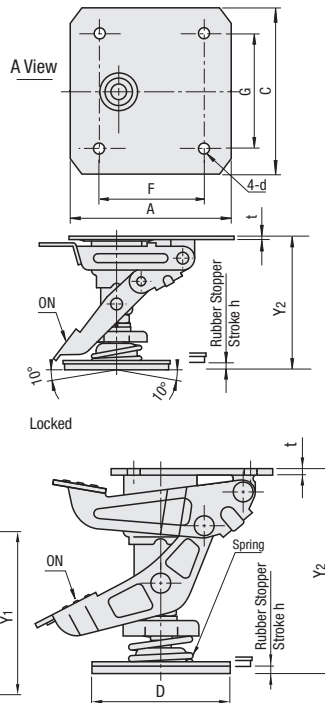
**Floor Stoppers**



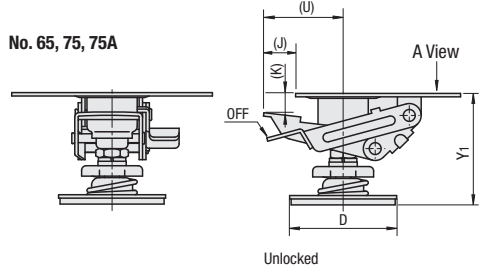
RoHS 10

Type	Material	Surface Treatment	Built-In Spring
FLOCK	Low Carbon Steel	Trivalent Chromate	SWP-B
FLOKS	304 Stainless Steel	—	304 Stainless Steel

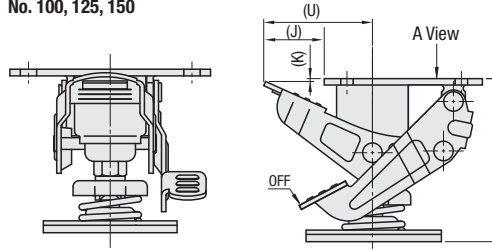
**Load**  
Regardless of the carrier's weight or load, the spring cushion built in the stopper firmly grips floor with a constant force. For movable load, please refer to the allowable load of the caster. Carriages cannot be off the ground.  
Do not weld.



**No. 65, 75, 75A**




**No. 100, 125, 150**



Part Number Type	No.	Mounting Height	Stroke		D	Mounting Plate Dimensions					t	h	(K)	(U)	(J)	Spring Constant Kg/mm		Mass (kg)
			Y <sub>1</sub> (min)	Y <sub>2</sub> (max.)		A	C	F	G	d						FLOCK	FLOKS	
FLOCK FLOKS Stainless Steel	65	85	75	90	60	105	135	67	103	10.5	2.3 (*2.0)	5	22.4	45	23	1.81	1.58	1.1
	75	92 (93)	82.5	97.5														
	75A	106 (*102)	96 (*92)	111 (*107)														
	100	130	110	135	90	—	—	70	110	11	4.5	—	2.4	73	41	3.09	2.73	1.4
	125	165	145	170														
	150	190	170	195														

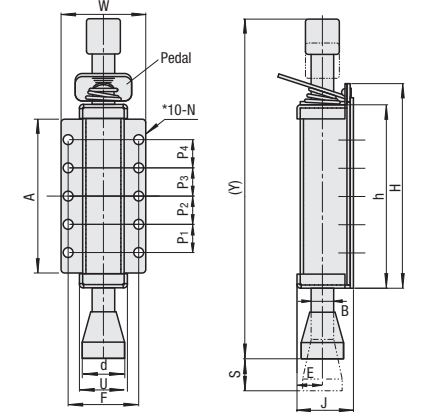
(\* The dimensions of FLOCKS75A are indicated in ( ). (\*) is dimension for FLOKS.

**Floor Locks**




RoHS 10

**FLOR  
FLORS**  
Stainless Steel



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

**Application Example**



FLOR

- 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 be firmly fixed in place with bolts, etc.

Part Number Type	No.	Stroke (S)	(Y)	H	h	W	A	R	Mounting Dimensions				B	d	U	J	E	Spring Constant N/mm (Kg/mm)	Pedal Stepping Allowable Load N		Mass (g)			
									P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	P <sub>4</sub>							F	N		FLOR	FLORS	
FLOR FLORS	70	30	160	85	70	40	60	68	45	—	—	30	5.5	10	20	24	34	15	6.91 (0.704)	60	110	270		
	100	30	210	115	100	60	80	85	35	35	—	—	50	7.0	16	30	34	40					18	620
	130	34	240	145	130	60	110	97	20	20	20	20	—	—	—	—	—	—					—	

**Part Number Example:** FLOR125 FLOR70