

Casters with Mounting Plates

Light Load / Heavy Load

Casters with Mounting Plate – Light Load

HSMC Swivel

HSMCS Swivel with Stopper

Ⓡ The "r" indicates the swivel radius of the wheel and turning radius of the pedal.

Type	Body		Wheel		Bearing	
	Material	Surface Treatment	Material	Swiveling Part	Wheel Part	
HSMC	Low Carbon Steel	Trivalent Chromate	Synthetic Rubber (Black)	Provided	Not Provided	
HSMCS	Low Carbon Steel	Trivalent Chromate	Nylon (White) / Urethane (Brown)	Provided	Not Provided	

Body Type	Part Number Type	D	Wheel Material	Extrusions	H	B	d	E	r	Mass (g)		
										R (Rubber Wheel)	N (Nylon Wheel)	U (Urethane Wheel)
Swivel Type	HSMC	50	R Rubber N Nylon U Urethane	HFS5-2020	70	28	5.3	27	53	462	437	—
		65		HFS6-3030	85	25	6.5	27	60	526	460	475
		75		HFS8-4040 / 8-4545	93	25	8.8	28	66	552	458	478
Swivel Stopper Type	HSMCS	50	R Rubber N Nylon U Urethane	HFS5-2020	70	28	5.3	27	67	521	496	—
		65		HFS6-3030	85	25	6.5	27	68	538	472	487
		75		HFS8-4040 / 8-4545	93	25	8.8	28	68	604	510	530

Ⓡ HSMC and HSMCS are not available in Urethane (U) for D50.

Part Number Example: **HSMC75** - **R**

Allowable Load

Part Number Type	D	Allowable Load N		
		Rubber	Nylon	Urethane
HSMC	50	500	600	—
	65	500	700	600
	75	600	800	700
HSMCS	50	500	600	—
	65	500	700	600
	75	600	800	700

Casters with Mounting Plate – Heavy Load

HCHJF Swivel

HCHJS Swivel with Stopper

Type	Body		Wheel		Bearing	
	Material	Surface Treatment	Material	Swiveling Part	Wheel Part	
HCHJF, HCHJS	Low Carbon Steel	Trivalent Chromate	Reinforced Nylon (Black) Phenol (Black)	Provided	Provided	

Body Type	Part Number Type	D	Wheel Material	Extrusions	H	r	Allowable Load (N)	Mass (g)
		75	HFS8-4040	106	61	2000	1270	
Swivel Stopper Type	HCHJS	65	N Reinforced Nylon P Phenol	HFS8-4545	92	67	2000	750
		75		HFS8-4545	106	67	2000	850

Part Number Example: **HCHJF65** - **N**

Casters (Adjuster Mounted Type)

Light Load / Heavy Load

Casters (Adjuster Mounted Type) – Light Load

CMPAL Swivel with Plate

CMPAN Swivel with Screwed Fitting

Mounting CMPAL

- Mount the upper plate to the mating extrusion.
- Turn Nut (2) to adjust the height of the leveling mount.
- The Nut (3) located directly above the leveling pad is tightened to fix the pad.

Mounting CMPAN

- Turn Nut (1) to attach the main body to the extrusion.
- Turn the Nut (2) to adjust the height of the leveling mount. (Nut (1) and (2) are not one unit.)
- The Nut (3) located directly above the leveling pad is tightened to fix the pad.

Type	Body		Wheel		Bearing		Leveling Mount	
	Material	Surface Treatment	Material (Color)	Swiveling Part	Wheel Part	Material	Surface Treatment	
CMPAL, CMPAN	Nylon	—	Nylon	Provided	—	1018 Carbon Steel or Equivalent	Trivalent Chromate	

Body Type	Part Number Type	D	Wheel Material	H	B	(W)	d	(r)	Allowable Load (N)	Mass (g)
		60	88	69	37	61	300			

Part Number Example: **CMPAN50** - **N**

Body Type	Part Number Type	D	Wheel Material	H	B	(W)	(r)	Allowable Load (N)	Mass (g)
		60	81	69	37	61	250		

Adjuster Mounted Heavy Load Caster

HCMAS Swivel

Type	Caster		Wheel		Bearing	
	Material	Surface Treatment	Material	Swiveling Part	Wheel Part	
HCMAS	Low Carbon Steel	Trivalent Chromate	Reinforced Nylon (Black)	Provided	Provided	

Body Type	Part Number Type	D	Wheel Material	Extrusions	H	r	Leveling Mount		E	Allowable Load (N)	Mass (g)
							b	L			
Swivel	HCMAS	50	N Reinforced Nylon	HFS6-3030	74	73	24	19.6	46	2000	2160
		65		HFS8-4040	95	84	18.8	51	2290		

Part Number Example: **HCMAS65** - **N**