

Casters for Aluminum Extrusions / Integrated Casters & Leveling Mounts

With Corner Mounting Plate

Side Mount

Casters for Aluminum Extrusions - Corner Angle Light Load Type

HSMC (Swivel) **HSMCS** (Swivel with Stopper)

Type	Caster	Wheel	Bearing
	M Material	S Surface Treatment	M Material
HSMC	SPHC	Trivalent Chromate	Synthetic Rubber (Black)
HSMCS	SPHC	Trivalent Chromate	Nylon (White), Urethane (Brown)

Ordering Example: Part Number - Wheel Material
HSMC75 - R

Body Type	Part Number Type	D	Wheel Material	Extrusion	H	B	d	E	r	Mass (g)		
										R	N	U
Swivel	HSMC	50	R (Rubber)	HFS5-2020	70	28	5.3	27	53	462	437	-
		65		HFS6-3030	85	25	6.5	60	526	460	475	
		75		HFS8-4040, 8-4545	93	25	8.8	28	66	552	458	478
Swivel with Stopper	HSMCS	50	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	604	510	530	

Allowable Load

Part Number Type	D	R	N	U
HSMC	50			
	65			
	75			
HSMCS	50			
	65			
	75			

Casters for Aluminum Extrusions - Corner Angle Heavy Load Type

HCHJF (Swivel) **HCHJS** (Swivel with Stopper)

Type	Caster	Wheel	Bearing
	M Material	S Surface Treatment	M Material
HCHJF	SPHC	Trivalent Chromate	Reinforced Nylon (Black)
HCHJS	SPHC	Trivalent Chromate	Phenol (Black)

Ordering Example: Part Number - Wheel Material
HCHJF65 - N

Body Type	Part Number Type	D	Wheel Material	Extrusion	H	r	Allowable Load (N)	Mass (g)	Unit Price	
									N	P
Swivel	HCHJF	65	N (Reinforced Nylon)	HFS6-3030	92	57	2000	1170		
		75		HFS8-4040	106	61	2000	1270		
		65		HFS8-4545	92	67	2000	750		
Swivel with Stopper	HCHJS	65	P (Phenol)	HFS6-3030	92	57	2000	1170		
		75		HFS8-4040	106	61	2000	1270		

The shape of dust proof ring has been changed as of April 1, 2014 to improve swiveling characteristics.

Ordering Example: Part Number - Wheel Material
HCHJF65 - N

Integrated Casters & Leveling Mounts

Part Number Type	Wheel Material	Caster	Jack Bolt
	M Material	S Surface Treatment	M Material
HCFY	Nylon	SPHC	SS400
HCFYM	MC Nylon	SPHC	SS400
HCFYD	Conductive MC Nylon	SPHC	SS400

Ordering Example: Part Number
HCFY6-130

Part Number Type	No.	Load	Allowable Load (kg)	Mass (g)	Screw, Nut		Unit Price 1 - 50 pc(s).		
					Screw	Nut	HCFY	HCFYM	HCFYD
HCFY	6	130	130	1275	4	HNTT6-6			
							CBM6-12	HNTT8-6	
HCFYM									
HCFYD									

For orders larger than indicated quantity, please check with WOS.

Anchor Bracket (P.845)

Use a washer between the extrusion and the anchor bracket.

Features: Installable on the aluminum extrusions by simply tightening screws from the side. Not necessary for workers to crawl on the ground to do dangerous work in the same way as for the existing products. (P831)
-Excellent in holding lateral load and stability due to the side plate holding mechanism.
-Quake-resistant capability can be obtained by mounting optional anchor brackets (P845) and anchor bolts.

Casters for Aluminum Extrusions / Antivibration Casters for Aluminum Extrusions

With Leveling Mounts

Casters for Aluminum Extrusions with Leveling Mounts Light Load Type

CMPAL (Swivel with Plate) **CMPAN** (Swivel Screwed Fit)

Ordering Example: Part Number - Wheel Material
CMPAN50 - N

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

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

Ordering Example: Part Number - Wheel Material
CMPAN50 - N

Casters for Aluminum Extrusions with Leveling Mounts Heavy Load Type

HCMAS (Swivel)

Type	Caster		Wheel	Bearing
	M Material	S Surface Treatment	M Material	Swiveling Part
HCMAS	SPHC	Trivalent Chromate	Reinforced Nylon (Black)	Provided

Body Type	Part Number Type	D	Wheel Material	Extrusion	H	r	Leveling Mount	E	Allowable Load (N)	Mass (g)	Unit Price	
												b
Swivel	HCMAS	50	N (Reinforced Nylon)	HFS6-3030	74	73	24	19.6	46	2160		
				HFS8-4040	95	84	24	18.8	51	2000	2290	
				HFS8-4545								

Ordering Example: Part Number - Wheel Material
HCMAS65 - N

Features: Has an effect to absorb vibration generated from aluminum extrusion units.

Antivibration Casters

AFCLA

Ordering Example: Part Number
AFCLA75 - N

Part Number Type	D	Wheel Material	H	Extrusion	Leveling Mount			Allowable Load (N)	Mass (g)	Unit Price 1 - 50 pc(s).	
					S1	S2	K				
AFCLA	65	N (Reinforced Nylon)	102	(30, 40, 45 Sq.)	9	11	52	50	80	2000	1900
					12	12	54	52	92	2500	2200

Only applicable to One-slot Type Extrusions only.

For orders larger than indicated quantity, please check with WOS.

How to Use

- Fixed
 - Turn the knob to lower the pad to the ground. (Temporary tightening)
 - After confirming the height, fully tighten the nut beneath the knob. Standing on the pad only, the caster is elevated above the ground.
 - Tighten the lock nut. (Torque applied by the lock nut gives loosening prevention effect against vibration.)
- Free
 - Loosen the lock nut.
 - Loosen the adjusting nut to release the screw.
 - Turn the knob to raise the pad and lower the caster to the ground.

*Adjusting Knob and Adjusting Nut are integrated.