

# Casters with Leveling Mounts

Ultra Light Load / Lightweight / Space Saving



# Casters with Leveling Mounts

Antivibration



**Ultra Light Load Type** RoHS10 **CMAZ**

Main Body		Wheel	Leveling Mount		Bearing
M	S	M	M	S	Swiveling Part
Material	Surface Treatment	Material	Material	Surface Treatment	Wheel
Low Carbon Steel	Trivalent Chromate	Nylon (Black)	1018 Carbon Steel	Trivalent Chromate	Incorporated
None					

For dedicated wrenches, see P.1018.

Type	Part Number		Wheel Material	H	d	Allowable Load (N)	Mass (g)	Unit Price
	Type	D						
Swivel	CMAZ	40	N (Nylon)	60	6.5	300	295	
		50						

**Lightweight Type** RoHS10 **CMJZ**

Main Body		Wheel	Top Plate		Adjuster		Bearing
M	S	M	M	S	M	S	Swiveling Part
Material	Surface Treatment	Material	Material	Surface Treatment	Material	Surface Treatment	Wheel
Reinforced Nylon		Nylon	Low Carbon Steel	Trivalent Chromate	1018 Carbon Steel	Trivalent Chromate	Incorporated
None							

For dedicated wrenches, see P.1018.

Type	Part Number		Wheel Material	H	B	A	F	d	E	r	Leveling Mount				Allowable Load (N)	Mass (g)	Unit Price
	Type	D									S1	S2	K	W			
Swivel	CMJZ	50	N (Nylon)	75	28	78	64	6.5	17	50	10	10	40	29.5	17	600	420
		65									20	20	31	19	700	550	
		75									15	15	31	19	700	560	

**Space Saving** RoHS10

Type	Main Body	Wheel	Adjuster	
M	S	M	M	S
Material	Surface Treatment	Material	Material	Surface Treatment
CMPAD		Nylon	1018 Carbon Steel	Trivalent Chromate
CMPAN		Nylon	1018 Carbon Steel	Trivalent Chromate

- Rotate Nut ① and mount a caster on the mating surface.
- Rotate Nut ② to adjust the height of the leveling mount. (Nut ① and ② are not integrated.)
- Tighten Nut ③ to lock the thread.

For dedicated wrenches, see P.1018.

Type	Part Number		Wheel Material	H	B	d	(W)	(r)	Allowable Load (N)	Mass (g)	Unit Price
	Type	D									
Swivel	CMPAD	50	N (Nylon)	83	62	5.5	34	54	1000	270	
		60									

  

Type	Part Number		Wheel Material	H	B	(W)	(r)	Allowable Load (N)	Mass (g)	Unit Price
	Type	D								
Swivel+Screw-In	CMPAN	50	N (Nylon)	76	62	34	54	1000	240	
		60								

Ordering Example: Part Number - Wheel Material  
CMAZ40 - N  
CMJZ65 - N

Days to Ship [Configure Online](#)

Price [Configure Online](#)

**Antivibration**

Type	Main Body		Wheel	Adjuster	Bearing
M	S	M	M	M	
Material	Surface Treatment	Material	Material	Material	
CLAR	Low Carbon Steel	Zinc Plating	Nylon 6	Oil Resistant Rubber	None

**How to Use**

Free: Insert a screwdriver into a level adjusting hole and turn counterclockwise.  
Fixed: Insert a screwdriver into a level adjusting hole and turn clockwise.  
Level Adjustment: Adjustable within ranges of: 15mm for CLAR50, and 17mm for CLAR75.  
Kg (Load)=Nx0.101972

Part Number	Type	D	Allowable Load N	Unit Price
		75	981	

Ordering Example: Part Number **CLAR50** Days to Ship [Configure Online](#)

Price [Configure Online](#)

**Antivibration Heavy Load Type** RoHS10 **CLDK**

② Adjusting Nut  
③ Lock Nut

Main Body		Wheel	Adjuster	Integrated Handwheel	Bearing
M	S	M	M	S	M
Material	Surface Treatment	Material	Material	Surface Treatment	Swiveling Part
Aluminum Casting Alloy 383.0	Baked Finish (Silver)	Reinforced Nylon (Black)	1018 Carbon Steel	Trivalent Chromate	Polycarbonate
Incorporated					

Registered Design

Part Number	Type	D	Wheel Material	H	Leveling Mount			E	r	Allowable Load N	Mass (g)	Unit Price
					S1	S2	K					
CLDK		65	N	102	9	11	52	50	80	2500	1500	
					12	12	54					
		75	(Reinforced Nylon)	120	12	12	54	52	92	3500	1800	

Ordering Example: Part Number - Wheel Material  
CLDK65 - N

Days to Ship [Configure Online](#)

Example [Configure Online](#)

**How to Use**

\*Adjusting handwheel and adjusting nut are integrated.



- Fixed**
  - Turn the handwheel to lower the pad to the ground. (Temporary Tightening)
  - After confirming the height, fully tighten the nut beneath the handwheel. 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 handwheel to raise the pad and lower the caster to the ground.