

Casters with Leveling Mounts

Ultra Light Load / Lightweight / Space Saving

Casters with Leveling Mounts

Antivibration

Ultra Light Load Type **CMAZ**

Main Body	Wheel	Leveling Mount	Bearing
M Material: SPHC	M Material: Nylon (Black)	M Material: SS400	M Material: Trivalent Chromate
S Surface Treatment: Trivalent Chromate	S Surface Treatment: Nylon (Black)	S Surface Treatment: SS400	S Surface Treatment: Trivalent Chromate
Swiveling Part: Incorporated	Wheel: None		

For dedicated wrenches, see P1084.

Main Body	Part Number Type	D	Wheel Material	H	d	Allowable Load (N)	Mass (g)	Unit Price
Swivel	CMAZ	40	N (Nylon)	60	6.5	300	295	
		50		65	400	310		

Lightweight Type **CMJZ**

Main Body	Wheel	Top Plate	Leveling Mount	Bearing
M Material: Reinforced Nylon	M Material: Nylon	M Material: SPHC	M Material: Trivalent Chromate	M Material: SS400
S Surface Treatment: Trivalent Chromate	S Surface Treatment: Nylon	S Surface Treatment: SPHC	S Surface Treatment: Trivalent Chromate	S Surface Treatment: SS400
Swiveling Part: Incorporated	Wheel: None			

For dedicated wrenches, see P1084.

Main Body	Part Number Type	D	Wheel Material	H	B	A	F	d	E	r	S1	S2	K	W	b	Allowable Load (N)	Mass (g)	Unit Price
Swivel	CMJZ	50	N (Nylon)	75	28	78	64	6.5	17	50	10	10	40	29.5	17	600	420	
		65		93	25	92	75	8.5	27	66	15	15	31	19	700	550		
		75		98													700	560

Space Saving

Type	Main Body	Wheel	Leveling Mount
CMPAD	M Material: Nylon	M Material: Nylon	M Material: SS400
CMPAN	M Material: Nylon	M Material: Nylon	M Material: SS400

- 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.

CMPAD (Plate Mount Type)
CMPAN (Screw-In Type)

For dedicated wrenches, see P1084.

Main Body	Part Number Type	D	Wheel Material	H	B	d	(W)	(r)	Allowable Load (N)	Mass (g)	Unit Price
Swivel	CMPAD	50	N (Nylon)	83	62	5.5	34	54	1000	270	
		60		88	69	37	61	290			
Main Body	Part Number Type	D	Wheel Material	H	B	(W)	(r)	Allowable Load (N)	Mass (g)	Unit Price	
Swivel Screw-In	CMPAN	50	N (Nylon)	76	62	34	54	1000	240		
		60		81	69	37	61	250			

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

Antivibration

Type	Main Body	Wheel	Leveling Mount	Bearing
CLAR	M Material: SPHC	M Material: Zinc Plating	M Material: Nylon 6	M Material: Oil Resistant Rubber
	S Surface Treatment: Zinc Plating	S Surface Treatment: Nylon 6	S Surface Treatment: Oil Resistant Rubber	S Surface Treatment: None

CLAR50
CLAR75

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
CLAR	50	588	
	75	981	

Ordering Example: Part Number **CLAR50**

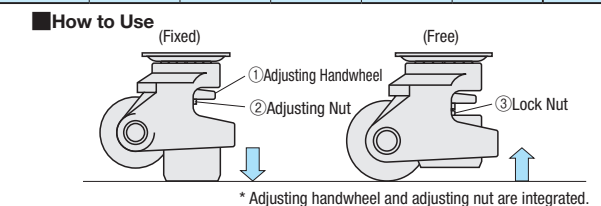
Antivibration Heavy Load Type **CLDK**

Registered Design **RoHS10**

Main Body	Wheel	Leveling Mount	Integrated Handwheel	Bearing
M Material: ADC12	M Material: Baked Paint (Silver)	M Material: Reinforced Nylon (Black)	M Material: SS400	M Material: Trivalent Chromate
S Surface Treatment: Baked Paint (Silver)	S Surface Treatment: Reinforced Nylon (Black)	S Surface Treatment: SS400	S Surface Treatment: Trivalent Chromate	S Surface Treatment: Polycarbonate
Swiveling Part: Incorporated	Wheel: Incorporated			

Part Number Type	D	Wheel Material	H	Leveling Mount	E	r	Allowable Load N	Mass (g)	Unit Price 1 ~ 50 pcs.
CLDK	65	N (Reinforced Nylon)	102	S1: 9, S2: 11	50	80	2500	1500	
	75		120	S1: 12, S2: 12	52	92	3500	1800	

Ordering Example: Part Number - Wheel Material
 CLDK65 - N



- 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.