

Casters

Stainless Steel / Electrically Conductive Wheel Type



Casters – Stainless Steel

Urethane Wheel
Nylon Wheel

RoHS 10

Swivel CSMNU

Screw + Break Type CSMNSU

Body		Wheel		Bearings	
Material	Surface Treatment	Material			
304 Stainless Steel	Barrel Grinding	Rubber (Black)	—	—	—
		Urethane (Gray)	—	—	—
		Nylon (White)	—	—	—

Ⓞ r indicates the swivel radius of wheel.
Ⓞ CSMNU and CSMNSU have no bearings.

Body	Part Number		Wheel Material	H	M	b	ℓ	r	B			Allowable Load (N)			Mass (g)				
	Type	D							R / N (Rubber / Nylon)	U (Urethane)	E	Rubber Wheels	Urethane Wheels	Nylon Wheels					
Screw-In	CSMNU	50	R Rubber	74	12	21	35	53	28	25	27	500	600	600	305				
		65		61												700	360		
		75A		66												600	700	800	400
		75B		66												600	700	800	430
		100A		82												500	600	600	550
100B	82	500	600	600	580														
With Screw-In Stopper	CSMNSU	50	N Nylon	74	12	21	35	67	28	25	27	500	600	600	335				
		65		68												700	410		
		75A		68												600	700	800	440
		75B		68												600	700	800	470
		100A		82												500	600	600	620
100B	82	500	600	600	650														

Part Number Example: **CSMNU75A - R**

Casters – Electrically Conductive Wheels

With Screw-In Stopper

RoHS 10

Swivel CRMNU CSMNSU

Swivel + Brake Type CRMNSU CSMSNSU

Type	Body		Wheel	Bearings	
	Material	Surface Treatment	Material (Color)	Swiveling	Wheel
CRMNU / CRMNSU CSMNSU / CSMSNSU	Low Carbon Steel	Trivalent Chromate	Conductive Rubber (Black)	Incorporated	None

Body	Part Number		D	B	H	E	r		K		M	b	t	ℓ	Allowable Load (N)	Mass (g)		
	Steel	Stainless Steel					Steel	Stainless Steel	Steel	Stainless Steel								
Screw-In	CRMNU	CSMSNU	50	20	68	22	47	47	—	—	12	19	4.8	4.5	35	300		
			65A														35	390
			65B														35	500
			75A														35	420
			75B														35	430
With Screw-In Stopper	CRMNSU	CSMSNSU	50	20	68	22	49	49	32	31	12	19	4.8	4.5	35	300		
			65A														35	440
			65B														35	500
			75A														35	470
			75B														35	480
100A	40	600																
100B	40	510																

Ⓞ For Screw-In type, please use pipe insert wrench (P.3018) and dedicated wrench (web available).

Part Number Example: **CSMSNU65B**

Low Profile Casters / Ball Casters

Low Profile Casters

RoHS 10

Round Flanged CHJFN CHJNM

Square Flanged CHJFNS CHJNSM

Type	Screw-In	Screw-In + Stopper	D	Wheel	Main Body		Bearing (Wheel Bearing)
				Material	Material	Surface Treatment	
CHJFN	CHJFN		50A	Special Reinforced Plastic Black	Low Carbon Steel	Trivalent Chromate	—
			50B				
			65A				
			65B				
			75A				
CHJNM	CHJNSM		50A	MC Nylon Blue	Trivalent Chromate	—	
			50B				
			65A				
			65B				
			75A				

Type	Part Number		I (Thread Length)	M (Coarse)	H	B	b	t	E	r	Allowable Load (N)		Mass (g)
	Type	D									Plastic	MC Nylon	
Swivel + Screw-In	CHJFN Plastic CHJNM MC Nylon	*50A	40	16	74	28	23	7.9	25	51	1000	1000	390
		*50B											430
		65A											620
		65B											650
		75A											760
		75B											790
		*50A											430
		*50B											470
		65A											680
		65B											710
Swivel + Screw-In with Stopper	CHJFNS Plastic CHJNSM MC Nylon	*50A	80	16	74	28	23	7.9	25	65	1000	1000	430
		*50B											620
		65A											650
		65B											760
		75A											790
		75B											830
		*50A											470
		*50B											680
		65A											710
		65B											860

Part Number Example: **CHJNM65A - 40**

Ball Casters

RoHS 10

Round Flanged CHBM

Square Flanged CHBF

Screw-In CHBU

Ⓞ Can be used balls facing downward. Ⓞ CHBU Type must be screwed in all the way to a base.

Type	(1) Main Body		(2) Dust-Proof Seal	(3) Strike Plate		(4) Main Ball		(5) Sub Ball	
	Material	Surface Treatment	Material	Material	Hardness	Material	Hardness	Material	Hardness
CHBM / CHBF / CHBU	1045 Carbon Steel	Electroless Nickel Plating	Felt	SCM415 Alloy Steel (JIS)	50 HRC min.	52100 Bearing Steel	55 HRC min.	52100 Bearing Steel	55 HRC min.

Type	Part Number		D	L	A	W	M	F	N	L ₁	d	T	Allowable Load (N)	Mass (g)
	Type	No.												
Round Flanged	CHBM	40	24	24	40	—	—	32	4.5	5	15.875	4	900	104
		50	30	28	50			40	5.5	6	19.05	5	1100	191
		60	38	37	60			49	6.5	8	25.4	6	1200	386
Square Flanged	CHBF	40	24	24	40	32	—	32	4.5	5	15.875	4	900	96
		50	30	28	50	40		5.5	6	19.05	5	1100	174	
		60	38	37	60	48		6.5	8	25.4	6	1200	358	
Screw-In	CHBU	12	24	21	—	—	12	20	—	5	15.875	—	900	92
		16	30	25			16	25		6	19.05		1100	175
		20	38	34			20	30		8	25.4		1200	195

Part Number Example: **CHBF50**