

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		97												12	21	35	66	600	700	800	400	
		75B		16												23	40	25	26	28	600	700	800	430
		100A		126												12	21	35	82	500	600	600	550	
100B	16	23	40	25	28	31	500	600	600	580														
With Screw-In Stopper	CSMNSU	50	U Urethane	74	12	21	35	67	28	25	27	500	600	600	335									
		65		68												700	410							
		75A		97												12	21	35	68	600	700	800	440	
		75B		16												23	40	25	26	28	600	700	800	470
		100A		126												12	21	35	82	500	600	600	620	
100B	16	23	40	25	28	31	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 CSMNSU

Type	Body		Wheel Material (Color)	Bearings	
	Material	Surface Treatment		Swiveling	Wheel
CRMNU / CRMNSU	Low Carbon Steel	Trivalent Chromate	Conductive Rubber (Black)	Incorporated	None
CSMNSU / CSMNSU	304 Stainless Steel	Electrolytic Polishing	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			Steel	Stainless Steel										
Screw-In	CRMNU	CSMNSU	50	20	68	22	47	47	—	—	12	19	4.8	4.5	35	300	200							
			65A															12	21	35	500	390		
			65B															89	27	61	61	40	500	420
			75A															12	21	35	66	66	600	430
			75B															16	23	40	25	26	28	600
100A	126	31	82	82	35	580	580																	
100B	16	23	40	25	26	28	600	610																
With Screw-In Stopper	CRMNSU	CSMNSU	50	20	68	22	49	49	32	31	12	19	4.8	4.5	35	300	220							
			65A															12	21	35	500	440		
			65B															89	27	70	66	40	500	470
			75A															12	21	35	68	68	600	480
			75B															16	23	40	25	26	28	600
100A	126	31	82	82	35	650	650																	
100B	16	23	40	25	26	28	600	680																

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

Part Number Example: CSMNSU65B

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				
75B	Incorporated						

Type	Part Number		l (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	40	16	74	28	23	7.9	25	65	1000	1000	430
		*50B											470
		65A											680
		65B											710
		75A											830
		75B											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	165
		50	30	28	50			40	5.5	6	19.05	5	1100	180
		60	38	37	60			49	6.5	8	25.4	6	1200	190
Square Flanged	CHBF	40	24	24	40	32	—	32	4.5	5	15.875	4	900	160
		50	30	28	50	40		5.5	6	19.05	5	1100	170	
		60	38	37	60	48		49	6.5	8	25.4	6	1200	185
Screw-In	CHBU	12	24	21	—	—	12	20	—	—	5	15.875	900	170
		16	30	25				6			19.05	1100	185	
		20	38	34				8			25.4	1200	195	

Part Number Example: CHBF50