

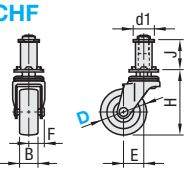
Casters for Factory Frames

Screw-In / Insertion Type

When mounting, select FFS203-8 (for M8) or FFS203-12 (for M12) on **P884**. * Except FFHCHF, FFHCHFS



FFHCHF



FFHCHFS (with Stopper)

Usage: After inserting it into the frame, tightening the hexagonal part with a dedicated wrench (PFSP21, sold separately) will cause the rubber to expand, securing it from the inside of the pipe.

M Material: SUS304

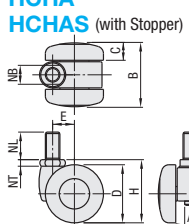
Part Number	Wheel Material	d1	B	H	J	E	Wrench Width mm	Mass (kg)	Unit Price 1 ~ 100 pc(s).
Type	D Component / Color								
FFHCHF	50	R (Synthetic Rubber, Black)	20	70		22	19	0.20	
	75		25	100		28	21	0.51	
	100		25	129		31	21	0.68	
FFHCHFS (with Stopper)	50	T (Conductive Rubber, Black)	20	70	32	22	19	0.20	
	75		25	100		28	21	0.51	
	100		25	129		31	21	0.68	

Ordering Example: **FFHCHF50** - **R**

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



Double Wheels Swivel Type



HCHA HCHAS (with Stopper)

HCHA 8-20, 8-30, 12-20, 12-30
Shape of HCHAS 8-20, 8-30, 12-20, 12-30

Part Number	Allowable Load	D	H	A	B	C	E	NB	NT	NL	HCHA Unit Price	HCHAS Unit Price
Type	M (Coarse) (kgf) (N)										1-9 pc(s).	10-50
HCHA HCHAS (with Stopper)	8	20*	196	40	50	-	41	13	15	13	4	15
		30*	294	50	60		45	14	18			
		40	396	40	43.5	7	44	12	15	14	4.5	12
		60	594	50	57.5		8	49	14	17	6	14
		100	990	60	68.5							
		120	1188	60	68.5							
	12	20*	196	40	50	-	41	13	15	19	4	15
		30*	294	50	60		45	14	18			
		60	594	50	57.5		8	49	14	17	6	14
		100	990	60	68.5							
		120	1188	60	68.5							
		150	1485	60	69	10	59	17.5		22	8	22

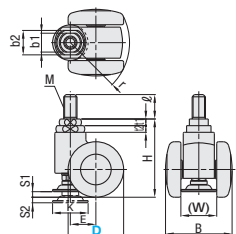
Ordering Example: **HCHA12** - **W**

For * marked types, install and tighten the NB part with a wrench.

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



Screw-In Swivel Casters



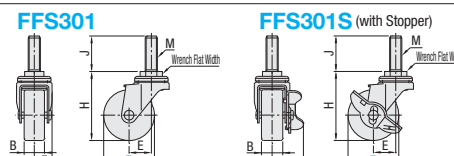
CMPAN

Part Number		Wheel Material	H	B	(W)	S1	S2	Mounting Screw Part		Adj. Nut Size				E	(r)	Allowable Load (N)	Mass (g)	Unit Price
Type	D							M (Coarse)	ℓ	t1	t2	b1	b2					
CMPAN	50	N (Nylon)	76	62	34	10	5	32	12	22	4	4	17	23	54 61	1000	240	
	60		81	69	37												250	

Ordering Example: **CMPAN50** - **N**



Screw-In Casters



FFS301 FFS301S (with Stopper)

Part Number	Wheel Material	M	B	F	H	J	E	Wrench Flat Width mm	Mass g	Allowable Load N	Unit Price
Type	D Component Color										
FFS301	50	R (Synthetic Rubber)	12	20	17.5	68	22	19	165	300	
	75		12	25	25.5	97	28	21	430	600	
FFS301S (with Stopper)	50	Black	12	20	30.9	68	22	19	190	300	
	75		12	25	43.3	97	28	21	485	600	

Ordering Example: **FFS301-75** - **R**