

Casters for Aluminum Extrusions

Double Wheels Swivel, Screw-in

Double Wheels Swivel



Type	Caster	Wheel	Bearing
	M Material S Surface Treatment	M Material (Color)	Swiveling Part/Wheel Part
HCHA, HCHAS	Nylon	-	Nylon

HCHA (8-40, 8-60, 8-100, 12-60, 12-100, 12-150, 16-150, 16-170)

HCHAS (8-20, 8-30, 12-20, 12-30)

Part Number	Type	M (Coarse)	Allowable Load	D	H	A	B	C	E	NB	NT	NL	HCHA Unit Price	HCHAS Unit Price
			(kgf) (N)										1 ~ 9 pc(s)	1 ~ 9 pc(s)
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	17	6	14		
		100	990	60	68.5									
		120	1188	70	80.5									
	12	20*	196	40	50	-	41	13	15	19	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	17	6	14		
		100	990	60	68.5									
		120	1188	70	80.5									
	16	150	1485	60	69	10	59	17.5	17	22	8	25		
		170	1683	75	84.5		64	18.5	20					

Ordering Example
Part Number - W
HCHA12 - 100

Mounting

Turn the hex screw head at the lower part of wheel, (the part shown with A) then the upper thread part of screw will turn. Tighten by the flats shown as NB.
For * marked types, install and tighten the NB part with a wrench.

Swivel Screw-in



Type	Caster	Wheel	Bearing
	M Material S Surface Treatment	M Material (Color)	Swiveling Part/Wheel Part
HSGN, HSGNS	SPHC	Trivalent Chromate/Synthetic Rubber (Black), Urethane (Brown), Nylon (White)	Provided / Not Provided

HSGN (Swivel Screw-in)

HSGNS (Swivel Screw-in with Stopper)

Body Type	Part Number		M (Coarse)	Wheel Material	H	Wheel Width B				E	NB	NT	NL	r	Allowable Load (N)				Mass (g)			Unit Price							
	Type	D				R	U	N	R						U	N	R	U	N	R	U	N							
Swivel Screw-in	HSGN	50	8	R U (Rubber)	68	20	21	21	22	14	4.8	14	47	300	380	400	195	175	165										
		65	12		85	21	21	21	23	19													35	56	400	270	220	210	
		75	12		95	21	21	21	27	19													65	400	450	500	310	240	225
		100	12		126	25	28	25	31	21	4	40	82	500	600	600	585	435	405										
		16																											
Swivel Screw-in with Stopper	HSGNS	50	8	N (Nylon)	68	20	21	21	22	14	4.8	14	49	300	380	400	220	200	190										
		65	12		85	21	21	21	23	19													35	57	300	400	305	255	235
		75	12		95	21	21	21	27	19													65	400	450	500	340	275	250
		100	12		126	25	28	25	31	21	4	40	82	500	600	600	650	620	585										
		16																											

Ordering Example
Part Number - M - Wheel Material
HSGN75 - 12 - U

Casters for Aluminum Extrusions / Side Mount Caster Brackets / Mounting Plates for Casters & Leveling Mounts

Rubber Wheel

Rubber Wheel



Caster	Wheel	Bearing
M Material S Surface Treatment	M Material (Color)	Swiveling Part/Wheel Part
SPHC	Trivalent Chromate/Synthetic Rubber (Black)	Provided / Provided

HSMA

HSMAS

Body Type	Part Number	Type	M (Coarse)	W (kgf) (N)	D	H	B	E	NB	NT	NL	r	Mass (g)	Unit Price
Swivel	HSMA	12	60	594	75	105	25	30	23	4	25	72	500	
			70	695	100	137	25	35				89	700	
Swivel with Stopper	HSMAS	12	60	594	75	105	25	30	23	4	25	105	640	
			70	695	100	137	25	35				128	950	

Ordering Example
Part Number - W
HSMA16 - 70

Side Mount Caster Brackets



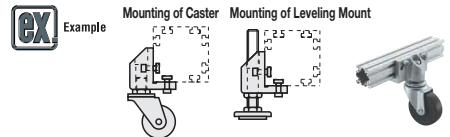
Part Number	Type	No.	Extrusion (Single Slot)	M (Coarse)	H	L	B	K	C	T	D	G	Mounting Hole Dimension	Mass (g)	Unit Price
CPHAL	No.10, 12	10	20 Square, 30 Square	10	45	70	36	23	31	8	14	13	E1 E2 F1 F2 F3	135	
		12	25 Square, 40 Square, 50 Square	12	45	70	46	33	41				12.5 20 25	165	
		12A	45 Square, 60 Square	16	50	95	57	40	50	10	20	17	55 75 22.5 30	285	
		16													

* 5-4040 is applicable to No.10, 12, 16.

Part Number	Type	No.	Extrusion (Single Slot)	M (Coarse)	H	L	B	K	C	T	D	G	Mounting Hole Dimension	Mass (g)	Unit Price
CPHAL	No.10, 12	10	20 Square, 30 Square	10	45	70	36	23	31	8	14	13	E1 E2 F1 F2 F3	135	
		12	25 Square, 40 Square, 50 Square	12	45	70	46	33	41				12.5 20 25	165	
		12A	45 Square, 60 Square	16	50	95	57	40	50	10	20	17	55 75 22.5 30	285	
		16													

* 5-4040 is applicable to No.10, 12, 16.

Ordering Example
Part Number
CPHAL10



Mounting Plates for Casters & Leveling Mounts



Part Number	Type	No.	Extrusion	A	T	M	Z	D	F	t1	t2	Mass (g)	Unit Price	Volume Discount Rate
HPLAT	No.5	5	20 Square, 30 Square	75	10	12	25	-	43	20	5	120	1-8 pc(s)	9-20
		6	40 Square	100	12	16	35	14	60	28	8	281		
		8				20						273		

Part Number	Type	No.	Extrusion	A	T	M	Z	D	F	t1	t2	Mass (g)	Unit Price	Volume Discount Rate
HPLAT	No.5	5	20 Square, 30 Square	75	10	12	25	-	43	20	5	120	1-8 pc(s)	9-20
		6	40 Square	100	12	16	35	14	60	28	8	281		
		8				20						273		

Ordering Example
Part Number
HPLAT6