



# Super Compact Strut Clamps / Strut Clamps

Equal / Unequal Dia. Perp. Config. with a Wing Knob / Equal Dia. Perp. Config. with Clamp Levers

Feature: Affordable and compact Post Clamps. Easy setup changes with wing knobs.

**Super Compact Strut Post – Equal / Unequal Dia. Perpendicular Configurations with a Wing Knob**

Type		Material	Surface Treatment	Accessories
Same Dia.	Different Dia.	6061 Aluminum Alloy	Black Anodize Clear Anodize	Wing Knob (Black) Wing Knob (White)
ALKCC	ALNCC			
ALKWC	ALNWC			

\* Head of Wing Knob: Nylon 66  
SWRM Low Carbon Steel-10  
Thread: Trivalent Chromate

## Equal Dia. Perpendicular Configuration with a Wing Knob

Part Number	Type	D <sub>H7</sub>	B	L	L <sub>1</sub>	L <sub>2</sub>	r	P <sub>1</sub>	P <sub>2</sub>	d <sub>2</sub>	m	W	Wing Knob	
													E	C
6	ALKCC	+0.012 0	10	29	10.5	8	5	6.5	6.5	3.5	M3	1	18	10.5
8	ALKWC	+0.015 0	12	32	11	10	6	7	7					
10		0	16	39	13.5	12	8	8.5	8.5					
12		+0.018 0	18	43	14	15	9	9	9					
15		0	22	54	18	18	11	11.5	11.5					

## Unequal Dia. Perpendicular Configuration with a Wing Knob

Part Number	Type	D <sub>H7</sub>	B	B <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	r	r <sub>1</sub>	P <sub>1</sub>	P <sub>2</sub>	d <sub>4</sub>	m	W	Wing Knob		Counterbored Holes		W			
															E	C	d <sub>1</sub>	d <sub>2</sub>		f		
8	ALNCC	+0.015 0	6	+0.012 0	12	10	31.5	11	10	5	6	7	6.5	3.5	M3	1	18	10.5	M3	1	18	10.5
10		+0.015 0	6	+0.012 0	16	12	37	12	6	8	8.5	7	4.5	M4	1	18	10.5	M4	1	18	10.5	
10		0	8	+0.015 0	16	12	36.5	12	6	8	8.5	7	3.5	M3	1.5	18	10.5	M3	1.5	18	10.5	
12		+0.018 0	8	+0.015 0	18	14	40	14	7	9	9	7.5	4.5	M4	1	18	10.5	M4	1	18	10.5	
12		0	10	+0.015 0	18	14	39.5	14	7	9	9	7.5	3.5	M3	1.5	18	10.5	M3	1.5	18	10.5	
15		+0.018 0	10	+0.015 0	22	18	49	18	9	11	11.5	9	5.5	M5	1.5	28	15	M5	1.5	28	15	
15		0	12	+0.018 0	22	18	48.5	18	9	11	11.5	9	4.5	M4	1.5	28	15	M4	1.5	28	15	

- The tolerance and perpendicularity of D<sub>H7</sub>, D<sub>H7</sub> are the tolerances before slitting.
- Recommended tolerances of mating shafts are g6 and f8. Except for wing knobs, use of a long wrench is recommended for fastening.
- Do not tighten the wing nut and hex socket head cap screw unless shaft is set in D part.

Part Number Example: **ALKCC8** - D<sub>1</sub>

Part Number Example: **ALNCC10** - 8

Feature: Easy setup changes, suitable for frequent changes.

**Post Clamps – Equal Dia. Perpendicular Configuration with Clamp Levers**

Type	Material	Surface Treatment	Accessories
KKST	1018 Carbon Steel or Equivalent	Black Oxide	Clamp Lever
MKST		Electroless Nickel Plating	
AKST	6063 Aluminum Alloy	Black Anodize	
HKST		Clear Anodize	
SKSTS	304 Stainless Steel	—	

Part Number	Type	D <sub>H7</sub>	A	B	E	F	H	M	d	R	H <sub>1</sub>	H <sub>2</sub>	Clamp Lever
													CLDM
10	KKST	+0.015 0	51	16	18	15	12	M6	6.6	45	35	38.5	CLDM 6-16-M
12	MKST	+0.018 0	54	19	18	18	12	M6	6.6	45	35	38.5	CLDM 6-20-M
15	AKST	0	69	22	24	21	16	M8	9	63	45.5	49	CLDM 8-20-M
20	HKST	+0.021 0	78	28	26	26	19	M10	11	78	55	59	CLDM 8-25-M
25	SKSTS	0	97	36	32	33	23	M10	11	78	55	59	CLDM 10-32-M
30		0	105	40	34	37	25	M12	13	92	67	71	CLDM 10-40-M
35		+0.025 0	121	45	39	43	29	M12	13	92	67	71	CLDM 12-40-M

- Available D Dimension for AKST, HKST and SKSTS is up to 30.
- The tolerance and perpendicularity of D<sub>H7</sub> is before slitting.
- Recommended tolerances of mating shafts are g6, f8. Use of a long wrench is recommended for fastening.

# Super Compact Strut Clamps / Resin Compact Strut Clamps

Equal / Unequal Diameter Perpendicular Configurations / Equal Diameter Perpendicular Configuration

Feature: Affordable and compact Strut Clamps.

**Super Compact Post Clamps – Equal / Unequal Dia. Perpendicular Configurations**

Type		Material	Surface Treatment	Accessories
Equal Dia.	Unequal Dia.	6061 Aluminum Alloy	Black Anodize Clear Anodize	Hex Socket Head Cap Screws
ALKC	ALNC			
ALKW	ALNW			

## Equal Dia. Perpendicular Configuration

Part Number	Type	D <sub>H7</sub>	B	L	L <sub>1</sub>	L <sub>2</sub>	r	P <sub>1</sub>	P <sub>2</sub>	m	Counterbored Holes			W
											d <sub>1</sub>	d <sub>2</sub>	f	
6	ALKC	+0.012 0	10	29	10.5	8	5	6.5	6.5	M3	6.5	3.5	3.5	1
8	ALKW	+0.015 0	12	32	11	10	6	7	7	M4	8	4.5	4.5	1.5
10		0	16	39	13.5	12	8	8.5	8.5					
12		+0.018 0	18	43	14	15	9	9	9					
15		0	22	54	18	18	11	11.5	11.5	M5	9.5	5.5	5.5	

## Unequal Dia. Perpendicular Configuration

Part Number	Type	D <sub>H7</sub>	B	B <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	r	r <sub>1</sub>	P <sub>1</sub>	P <sub>2</sub>	m	Counterbored Holes			W	Counterbored Holes			W <sub>1</sub>			
													d <sub>1</sub>	d <sub>2</sub>	f		d <sub>3</sub>	d <sub>4</sub>	f <sub>1</sub>				
8	ALNC	+0.015 0	6	+0.012 0	12	10	31.5	11	10	5	6	7	6.5	M3	6.5	3.5	3.5	1	M3	6.5	3.5	3.5	1
10		+0.015 0	6	+0.012 0	16	12	37.0	13.5	12	6	8	8.5	7	M4	8	4.5	4.5	1.5	M4	8	4.5	4.5	1
10		0	8	+0.015 0	16	12	36.5	12	6	8	8.5	7	M4	8	4.5	4.5	1.5	M3	6.5	3.5	3.5	1	
12		+0.018 0	8	+0.015 0	18	14	40.0	14	7	9	9	7.5	M4	8	4.5	4.5	1.5	M4	8	4.5	4.5	1	
12		0	10	+0.015 0	18	14	39.5	14	7	9	9	7.5	M4	8	4.5	4.5	1.5	M3	6.5	3.5	3.5	1.5	
15		+0.018 0	10	+0.015 0	22	18	49.0	18	9	11	11.5	9	M5	9.5	5.5	5.5	1.5	M5	9.5	5.5	5.5	1.5	
15		0	12	+0.018 0	22	18	48.5	18	9	11	11.5	9	M5	9.5	5.5	5.5	1.5	M4	8	4.5	4.5	1.5	

- The tolerance and perpendicularity of D<sub>H7</sub>, D<sub>H7</sub> are the tolerances before slitting.
- Recommended tolerances of mating shafts are g<sub>6</sub> and f<sub>8</sub>. Except for wing knobs, use of a long wrench is recommended for fastening.

Part Number Example: **ALKC8** - D<sub>1</sub>

Part Number Example: **ALNC10** - 8

### Included Screws Equal Dia. Perpendicular Configuration

D	Included Screws
6	M3-6
8	M3-8
10	M4-10
12	M4-12
15	M5-15

2 pcs.

### Included Screws Unequal Dia. Perpendicular Configuration

D	D <sub>1</sub>	Included Screws
8	6	M3-6 / M3-8
10	8	M4-6 / M4-10
10	8	M3-8 / M4-10
12	10	M4-8 / M4-12
12	10	M3-10 / M4-12
15	10	M5-12 / M5-15
15	12	M4-12 / M5-15

1Pc. Each

## Resin Compact Post Clamps – Equal Dia. Perpendicular Configuration

**SENJK**

Material: Polyamide  
Accessories: M5 Nut x 2 pcs. Screws (Trivalent Chromate) M5-12, 2 pcs.

Resin clamps are not suitable for supporting heavy objects.

Part Number Example: **SENJK**

**Application Example**

Aluminum Extrusions  
SENJK  
SENJS(P.2157)  
Conveyor Guide Mounting