

# 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**

RoHS 10

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

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

**Equal Dia. Perpendicular Configuration (ALKCC / ALKWC)**

**Unequal Dia. Perpendicular Configuration (ALNCC / ALNWC)**

## Equal Dia. Perpendicular Configuration with a Wing Knob

Type	Part Number	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
ALKCC ALKWC	6	+0.012 0	10	29	10.5	8	5	6.5	6.5	3.5	M3	1	18	10.5
	8	+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

Type	Part Number	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		Wing Knob	
															E	C	E <sub>1</sub>	C <sub>1</sub>
ALNCC ALNWC	8	+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
	10	+0.015 0	6	+0.012 0	16	12	37	12	12	6	8	8.5	7	4.5	M4	1	18	10.5
	10	0	8	+0.015 0	16	12	36.5	12	12	6	8	8.5	7	3.5	M4	1.5	18	10.5
	12	+0.018 0	8	+0.015 0	18	14	40	14	14	7	9	9	7.5	4.5	M4	1	18	10.5
	12	0	10	+0.015 0	18	14	39.5	14	14	7	9	9	7.5	3.5	M3	1.5	18	10.5
	15	+0.018 0	10	+0.015 0	22	18	49	18	16	9	11	11.5	9	5.5	M5	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**

RoHS 10

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	
SKSTS	304 Stainless Steel	—	—

**Application Example**

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

- Available D Dimension for AKST 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**

RoHS 10

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

**Equal Dia. Perpendicular Configuration (ALKC / ALKW)**

**Unequal Dia. Perpendicular Configuration (ALNC / ALNW)**

## Equal Dia. Perpendicular Configuration

Type	Part Number	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	
ALKC ALKW	6	+0.012 0	10	29	10.5	8	5	6.5	6.5	M3	6.5	3.5	3.5	1
	8	+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

Type	Part Number	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>				
ALNC ALNW	8	+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	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	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	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	16	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	16	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**

RoHS 10

**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 (P2157)  
Conveyor Guide Mounting