

# Post Clamps

## Equal / Unequal Diameter Parallel Hole Pitch Selectable

Features: Two Posts for Stands fixable in parallel.

**Post Clamps – Equal Dia. Parallel Hole Pitch Selection**

RoHS 10

| Type     |      | Material                        | Surface Treatment          | Accessories                                  |
|----------|------|---------------------------------|----------------------------|--|
| Standard | Thin |                                 |                            |  |
| KKP      | KKPT | 1018 Carbon Steel or Equivalent | Black Oxide                | Hex Socket Head Cap Screws                   |
| MKP      | —    |                                 | Electroless Nickel Plating | Hex Socket Head Cap Screws (Stainless Steel) |
| AKP      | —    | 6063 Aluminum Alloy             | Black Anodize              | Hex Socket Head Cap Screws                   |
| SKP      | —    | 304 Stainless Steel             | —                          | Hex Socket Head Cap Screws (Stainless Steel) |

D=8-12

Standard

Thin

D=15-35

Standard

Thin

P Dimension Tolerance: JIS B 0405 Medium Class (P4003)

| Part Number |      | D <sub>H7</sub> | P Selection | A           | B             | C  | C <sub>1</sub> | E  | H  | S  | M  | d   |     |
|-------------|------|-----------------|-------------|-------------|---------------|----|----------------|----|----|----|----|-----|-----|
| Type        | Thin |                 |             |             |               |    |                |    |    |    |    |     |     |
| Standard    | 8    | +0.015          | 10 15 20 25 | A=P+(2 x E) | 12            | 12 | —              | 14 | 8  | —  | M5 | 5.5 |     |
|             | 10   | 0               | 15 20 25 30 |             | 16            | 16 | 9              | 15 | 9  | —  |    |     |     |
|             | 12   | +0.018          | 20 25 30 40 |             | 22            | 22 | 12             | 18 | 12 | 11 |    |     |     |
|             | KKP  | KKPT            | 0           |             | 25 30 40 50   | 28 | 28             | 16 | 22 | 15 | 14 | M6  | 6.6 |
|             | MKP  | —               | +0.021      |             | 30 40 50 75   | 32 | 32             | 19 | 25 | 18 | 16 |     |     |
|             | AKP  | —               | 0           |             | 50 75 100 150 | 40 | 40             | 19 | 29 | 21 | 20 | M8  | 9   |
|             | SKP  | —               | +0.025      |             |               | 45 | 45             | 22 | 32 | 24 | 24 |     |     |

- Refer to the price list for Available Types. The tolerance and parallelism of D<sub>H7</sub> are the tolerances before slitting.
- Recommended tolerances of mating shafts are g<sub>6</sub>, f<sub>6</sub>. Use of a long wrench is recommended for fastening.

**Unequal Dia. Parallel Hole Pitch Selection**

RoHS 10

| Type     |      | Material                        | Surface Treatment | Accessories                |
|----------|------|---------------------------------|-------------------|----------------------------|
| Standard | Thin |                                 |                   |                            |
| KKQ      | KKQT | 1018 Carbon Steel or Equivalent | Black Oxide       | Hex Socket Head Cap Screws |

D=10, 12

Standard

Thin

D=15-35

Standard

Thin

P Dimension Tolerance: JIS B 0405 Medium Class (P4003)

| Part Number |      | D <sub>H7</sub> | D <sub>H7T</sub> | P Selection   | A       | B  | B <sub>1</sub> | C  | C <sub>1</sub> | E  | G  | H  | K  | S  | M  | d   |     |
|-------------|------|-----------------|------------------|---------------|---------|----|----------------|----|----------------|----|----|----|----|----|----|-----|-----|
| Type        | Thin |                 |                  |               |         |    |                |    |                |    |    |    |    |    |    |     |     |
| Standard    | 10   | +0.015          | 8                | 15 20 25      | A=P+E+G | 16 | 12             | 16 | 9              | 15 | 14 | 9  | 8  | —  | M5 | 5.5 |     |
|             | 12   | +0.018          | 10               | 15 20 25 30   |         | 16 | 14             | 16 | 9              | 16 | 15 | 10 | 9  | —  |    |     |     |
|             | 15   | 0               | 20 25 30 40      | 22            |         | 16 | 22             | 12 | 18             | 15 | 12 | 9  | 11 | —  |    |     |     |
|             | KKQ  | KKQT            | 0                | 20 25 30 40   |         | 28 | 22             | 28 | 16             | 22 | 19 | 15 | 12 | 14 | —  | M6  | 6.6 |
|             | MKP  | —               | +0.021           | 25 30 40 50   |         | 32 | 22             | 32 | 19             | 25 | 19 | 18 | 12 | 16 | —  |     |     |
|             | AKP  | —               | 0                | 30 40 50 75   |         | 40 | 28             | 40 | 19             | 29 | 23 | 21 | 15 | 20 | —  | M8  | 9   |
|             | SKP  | —               | +0.025           | 50 75 100 150 |         | 45 | 32             | 45 | 22             | 32 | 25 | 24 | 18 | 24 | —  |     |     |

- The tolerance and parallelism of D<sub>H7</sub>, D<sub>H7T</sub> are the tolerances before slitting. Recommended tolerances of mating shafts are g<sub>6</sub>, f<sub>6</sub>. Use of a long wrench is recommended for fastening.

**Part Number Example**

Part Number - D<sub>1</sub> - P

KKP10 - 10 - 20

KKQT20 - 15 - 30

### Included Screws

| D  | Included Screws (Thin Type requires 1 screw on each side.) |                            |
|----|--|----------------------------|
|    | Equal Dia. Hole  | Unequal Dia. Parallel      |
| 8  | M5-12, 2 pcs.  | —                          |
| 10 | M5-15, 2 pcs.  | M5-12 / M5-10, 1 pc. each  |
| 12 | M5-15, 2 pcs.  | M5-15, 2 pcs.              |
| 15 | M5-20, 4 pcs.  | M5-20 / M5-15, 2 pcs. each |
| 20 | M6-25, 4 pcs.  | M6-25 / M6-20, 2 pcs. each |
| 25 | M6-30, 4 pcs.  | M6-30 / M6-20, 2 pcs. each |
| 30 | M8-35, 4 pcs.  | M8-35 / M8-20, 2 pcs. each |
| 35 | M8-40, 4 pcs.  | M8-40 / M8-35, 2 pcs. each |

| D  | Available Types      |      |      |                        |      |      |
|----|----------------------|------|------|------------------------|------|------|
|    | Equal Dia., Parallel |      |      | Unequal Dia., Parallel |      |      |
|    | Standard             | Thin | KKPT | Standard               | Thin | KKQT |
| 8  | •                    | •    | •    | •                      | •    | •    |
| 10 | •                    | •    | •    | •                      | •    | •    |
| 12 | •                    | •    | •    | •                      | •    | •    |
| 15 | •                    | •    | •    | •                      | •    | •    |
| 20 | •                    | •    | •    | •                      | •    | •    |
| 25 | •                    | •    | •    | •                      | •    | •    |
| 30 | •                    | •    | •    | •                      | •    | •    |
| 35 | •                    | •    | •    | •                      | •    | •    |

# Post Clamps

## Equal / Unequal Diameter Rotary

**Post Clamps – Equal Dia. Rotation Type**

RoHS 10

| Type                     |                            | Material                        | Surface Treatment          | Accessories               |
|--------------------------|----------------------------|---------------------------------|----------------------------|---------------------------|
| Equal Dia. Rotation Type | Unequal Dia. Rotation Type |                                 |                            |                           |
| KLSR                     | KDSR                       | 1018 Carbon Steel or Equivalent | Black Oxide                | Hex Socket Head Set Screw |
| MLKR                     | MDKR                       |                                 | Electroless Nickel Plating |                           |
| ALKR                     | ADKR                       | 6063 Aluminum Alloy             | Black Anodize              |                           |
| SLKR                     | SDKR                       | 304 Stainless Steel             | —                          |                           |

Accessories: CB (P2378) and MSSK (P2409) screws are included with black oxide/black anodized products, and SCB (P2379) and MSSU (P2409) screws are included with the other products.

Equal Dia. Rotation Type

Unequal Dia. Rotation Type

6.3 / (6.3 / 1.6 / 1.6)

### Equal Dia. Rotation Type

| Part Number |                 | D <sub>1</sub> | g <sub>6</sub> | H <sub>7</sub> | A      | B  | P    | P <sub>1</sub> | P <sub>2</sub> | L <sub>1</sub> | L <sub>2</sub> | E   | H    | J | M    | N  | d  | d <sub>1</sub> | Z   | C   |   |   |   |
|-------------|-----------------|----------------|----------------|----------------|--------|----|------|----------------|----------------|----------------|----------------|-----|------|---|------|----|----|----------------|-----|-----|---|---|---|
| Type        | D <sub>H7</sub> |                |                |                |        |    |      |                |                |                |                |     |      |   |      |    |    |                |     |     |   |   |   |
| KLSR        | 8               | +0.015         | 5              | -0.004         | +0.012 | 42 | 12   | 19             | 7              | 12             | 6              | 6.3 | 11.5 | 3 | 7    | M3 | M3 | 3.5            | 6.0 | 3   | 2 |   |   |
|             | 10              | 0              |                |                |        | 51 | 13   | 23             | 9              | 14             |                |     | 14.0 |   | 9    | M4 |    | 4.5            | 7.5 | 5   |   |   |   |
|             | 12              | +0.018         |                |                |        | 57 | 15   | 26             | 11             | 15             |                |     | 15.5 |   | 10   |    |    |                |     |     |   |   |   |
|             | 15              | 0              |                |                |        | 65 | 19   | 33             | 12             | 21             |                |     | 16.0 |   | 10.5 | M4 |    | M4             | 4.5 | 7.5 |   | 5 | 3 |
|             | 20              | +0.021         |                |                |        | 76 | 25   | 39             | 15             | 24             |                |     | 18.5 |   | 13   | M4 |    | M4             | 4.5 | 7.5 |   | 5 | 3 |
| 25          | 0               | 88             | 30             | 44             | 18     | 26 | 22.0 | 16             | M5             | M5             | 5.5            | 9.0 | 5.5  | 4 |      |    |    |                |     |     |   |   |   |

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

### Unequal Dia. Rotation Type

| Part Number |                  | D <sub>H7</sub> | F  | g <sub>6</sub> | H <sub>7</sub> | A    | B <sub>1</sub> | B <sub>2</sub> | P  | P <sub>1</sub> | P <sub>2</sub> | L <sub>1</sub> | L <sub>2</sub> | E <sub>1</sub> | E <sub>2</sub> | H   | J <sub>1</sub> | J <sub>2</sub> | M <sub>1</sub> | M <sub>2</sub> | N  | d <sub>1</sub> | d <sub>2</sub> | e <sub>1</sub> | e <sub>2</sub> | Z <sub>1</sub> | Z <sub>2</sub> | C <sub>1</sub> | C <sub>2</sub> |
|-------------|------------------|-----------------|----|----------------|----------------|------|----------------|----------------|----|----------------|----------------|----------------|----------------|----------------|----------------|-----|----------------|----------------|----------------|----------------|----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Type        | D <sub>H7T</sub> |                 |    |                |                |      |                |                |    |                |                |                |                |                |                |     |                |                |                |                |    |                |                |                |                |                |                |                |                |
| KDSR        | 8                | +0.015          | 5  | -0.004         | +0.012         | 46.5 | 12             | 13             | 21 | 7              | 14             | 6              | 6.3            | 11.5           | 14             | 3   | 7              | 9              | M3             | M4             | M3 | 3.5            | 4.5            | 6              | 7.5            | 3              | 5              | 2              | 2              |
|             | 10               | 0               |    |                |                | 49   | 12             | 15             | 22 | 7              | 15             |                |                | 11.5           | 15.5           |     | 7              | 10             | M3             | M4             | M3 | 3.5            | 4.5            | 6              | 7.5            | 3              | 5              | 2              | 2              |
|             | 12               | +0.018          |    |                |                | 53.5 | 13             | 15             | 24 | 9              | 15             |                |                | 14             | 15.5           |     | 9              | 10             | M4             | M4             | M3 | 4.5            | 4.5            | 7.5            | 7.5            | 5              | 5              | 2              | 2              |
|             | 15               | 0               |    |                |                | 70.5 | 19             | 25             | 36 | 12             | 24             |                |                | 16             | 18.5           |     | 10.5           | 13             | M4             | M4             | M4 | 4.5            | 4.5            | 7.5            | 7.5            | 5              | 5              | 3              | 3              |
|             | 20               | +0.021          |    |                |                | 76   | 19             | 30             | 38 | 12             | 26             |                |                | 16             | 22             |     | 10.5           | 16             | M4             | M5             | M5 | 4.5            | 5.5            | 7.5            | 9              | 5              | 5.5            | 3              | 4              |
| 25          | 0                | 81.5            | 25 | 30             | 41             | 15   | 26             | 18.5           | 22 | 13             | 16             | M4             | M5             | M5             | 4.5            | 5.5 | 7.5            | 9              | 5              | 5.5            | 3  | 4              |                |                |                |                |                |                |                |

- The tolerance and perpendicularity of D<sub>H7</sub>, D<sub>H7T</sub> are the tolerances before slitting.
- Recommended tolerances of mating shafts are g<sub>6</sub>, f<sub>6</sub>. Use of a long wrench is recommended for fastening.

**Part Number Example**

Part Number - D<sub>1</sub>

MLKR10 - 12

KDSR8 - 12

### Included Screws

| D  | Included Screws        |                          |
|----|------------------------|--------------------------|
|    | Equal Dia. Rotary Type | Unequal Dia. Rotary Type |
| 8  | M3-8, 2 pcs.           | M3-8 / M4-8, 1pc. each   |
| 10 | M4-8, 2 pcs.           | M3-8 / M4-10, 1pc. each  |
| 12 | M4-10, 2 pcs.          | M4-8 / M4-10, 1pc. each  |
| 15 | M4-12, 2 pcs.          | M4-12 / M4-20, 1pc. each |
| 20 | M4-20, 2 pcs.          | M4-12 / M5-20, 1pc. each |
| 25 | M5-20, 2 pcs.          | M4-20 / M5-20, 1pc. each |

### Unequal Dia., Rotation

| D     | Available Types |      |      |      |
|-------|-----------------|------|------|------|
|       | KDSR            | MDKR | ADKR | SDKR |
| 8-10  | •               | •    | •    | •    |
| 8-12  | •               | •    | •    | •    |
| 10-12 | •               | •    | •    | •    |
| 15-20 | •               | •    | •    | •    |
| 15-25 | •               | •    | •    | •    |
| 20-25 | •               | •    | •    | •    |