

Aluminum Hinges / Aluminum Hinges for Different Extrusion Sizes

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RoHS 10

HHPSN (Clear Anodize)
HHPBSN (Black Anodize)
HHPSF (For Different Extrusion Sizes: Clear Anodize)

M Material: A6063S-T5 Bushing: Polyacetal
S Surface Treatment: Anodize

ex Example

45 Square 30 Square 30 Square 30 Square

Connection of Unequal Size Extrusions
 Connection of Equal Size Extrusions

● Hinges for Different Extrusion Sizes
 HHPSF 6-5: Mounts 20 SQ. (6mm W slot) extrusion on 30 SQ. extrusion (8mm W slot).
 HHPSF 8-6: Mounts 30 SQ. (8mm W slot) extrusion on 40 SQ. extrusion (10mm W slot).
 HHPSF845-5: Mounts 20 SQ. (6mm W slot) extrusion on 45 SQ. extrusion (10mm W slot).
 HHPSF 8-5: Mounts 20 SQ. (6mm W slot) extrusion on 40 SQ. extrusion (10mm W slot).
 HHPSF845-6: Mounts 30 SQ. (8mm W slot) extrusion on 45 SQ. extrusion (10mm W slot).
 When mounting the hinges on panels, Hinge Nuts are recommended on **P811**.

| Part Number | * Allowable Load | | Mass g | L | W | K | P | J | S | N | | T | E | R | Screw, Nut | | Clear Anodize | Black Anodize | |
|--|------------------|-----|--------|----|----|-------|-----|------|-------|------|---------|-----|-----|-----|----------------------|----------------------|---------------|---------------|----------|
| | No. | kg | | | | | | | | N | Through | | | | Countersink | Screw | Quantity | Nut | Quantity |
| HHPSN HHPBSN (Black Anodize) | 5 | | 22 | 47 | 36 | 11 | 25 | 7.5 | 21 | 5.5 | 11 | | 5 | 5 | Flat Head Screw 5-8 | HNTT5-5 | | | |
| | 6 | 10 | 98 | 30 | 48 | 8.5 | 30 | 8 | 32 | | | 3.5 | 5.5 | 5.5 | Flat Head Screw 6-10 | HNTT6-6 | | | |
| | 8 | | 48 | 63 | 62 | 13 | 37 | 10 | 42 | 6.5 | 13 | | | | Flat Head Screw 6-12 | HNTT8-6 | | | |
| HHPSF (For Different Extrusion Sizes) | 8-45 | 15 | 147 | 70 | 80 | 10 | 43 | 16.5 | 47 | | | 4.5 | | | Flat Head Screw 6-15 | | | | |
| | 6-5 | 10 | 98 | 33 | 47 | 44.75 | 8.5 | 30 | 10.75 | 26.5 | 5.5 | 11 | 3.5 | 5.5 | 5.5 | Flat Head Screw 5-8 | HNTT5-5 | 2 | |
| | | | | | | | | | | | 6.5 | 13 | | | | Flat Head Screw 6-10 | HNTT6-6 | 2 | |
| | 8-5 | 10 | 98 | 43 | 63 | 54.25 | 13 | 37 | 15.25 | 31.5 | 5.5 | 11 | 3.5 | 5.5 | 5.5 | Flat Head Screw 5-8 | HNTT5-5 | 2 | |
| | | | | | | | | | | | 6.5 | 13 | | | | Flat Head Screw 6-12 | HNTT8-6 | 2 | |
| | 845-5 | 10 | 98 | 43 | 63 | 55.5 | 13 | 37 | 14 | 34 | 5.5 | 11 | 3.5 | 5.5 | 5.5 | Flat Head Screw 5-8 | HNTT5-5 | 2 | |
| | | | | | | | | | | 6.5 | 13 | | | | Flat Head Screw 6-15 | HNTT8-6 | 2 | | |
| 8-6 | 15 | 147 | 48 | 63 | 62 | 13 | 37 | 12.5 | 37 | 6.5 | 13 | 3.5 | 5.5 | 5.5 | Flat Head Screw 6-10 | HNTT6-6 | 2 | | |
| | | | | | | | | | | | | | | | Flat Head Screw 6-12 | HNTT8-6 | 2 | | |
| 845-6 | 15 | 147 | 48 | 63 | 62 | 13 | 37 | 11.5 | 39 | 6.5 | 13 | 3.5 | 5.5 | 5.5 | Flat Head Screw 6-10 | HNTT6-6 | 2 | | |
| | | | | | | | | | | | | | | | Flat Head Screw 6-15 | HNTT8-6 | 2 | | |

* The allowable load is the value when 2 pieces are used.

■ Aluminum Hinges
Extra Low Head Cap Screw Type

RoHS 10

HHPSNT

M Material: A6063
B Bushing: Polyacetal
S Surface Treatment: Clear Anodize

ex Example

Normal cap screws can be used for installation.

Extra Low Head Cap Screw (P:195)
 Cap Screw (P:172)

When mounting the hinges on panels, Hinge Nuts are recommended on **P811**.

| Part Number | * Allowable Load | | Mass g | L | W | K | P | J | S | d | D | E | Screw, Nut | | Unit Price | Volume Discount Rate | |
|-------------|------------------|----|--------|----|----|-----|----|-----|----|-----|----|-----|------------|-------|------------|----------------------|----------|
| | No. | kg | | | | | | | | | | | N | Screw | Quantity | Nut | Quantity |
| HHPSNT | 5 | | 22 | 47 | 36 | 11 | 25 | 7.5 | 21 | 5.5 | 10 | 5 | CBSA5-6 | 4 | HNTT5-5 | | |
| | 6 | 10 | 98 | 34 | 48 | 8.5 | 30 | 8 | 32 | | | | CBSA6-8 | 4 | HNTT6-6 | | |
| | 8 | | 49 | 63 | 62 | 13 | 37 | 10 | 42 | 6.5 | 11 | 5.5 | CBSA6-10 | 4 | HNTT8-6 | | |

* The allowable load is the value when 2 pieces are used.

Ordering Example
Part Number
HHPSN6

Alterations
Part Number - (SET, SST)
HHPSN6 - SET

| Alterations | Code | Spec. | Hinge | No. |
|------------------------------|---------------------------------|--|--------|---------|
| Applicable Screw and Nut Set | SET SST (Stainless Steel) | Applicable screws and nuts come in a set. When SST is specified, screws and nuts will be in stainless steel. (When -SET is specified, the material of the Flat Head Screws is SCM435 and their surface treatment is Black Oxide.) | HHPSN | 5 |
| | | | HHPBSN | 6 |
| | | | | 8 |
| | | | | 8 - 45 |
| | | | HHPSNT | 5 |
| | | | | 6 |
| | | | | 8 |
| | | | HHPSF | 6 - 5 |
| | | | | 8 - 5 |
| | | | | 845 - 5 |
| | 8 - 6 | | | |
| | 845 - 6 | | | |