

# Hexagon Socket Head Cap Screw/Polyether Ether Ketone ▶ Full Thread Resin Type



Please order according to the diagram

①~③ Select the-Type and parameters in the order of for ordering

④ Hexagon Socket Head Cap Screw

⑤ Hex Head Bolt

Model(①Code) - ②M - ③L  
UOYJP - M3 - L16

Model(①Code) - ②M - ③L  
UPJXO - M3 - L16

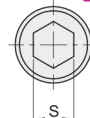
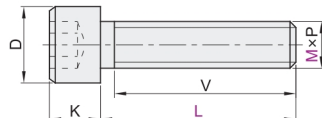


Discounted Price  
Quantity 1~9 10~  
Price 100% Separate Quotation  
Price Excluding Tax (¥/unit)

## ④ Hexagon Socket Head Cap Screw



CAD 2D 3D



① Applicable Standards for This Product : DIN 912-1983  
GB/T 70.1-2000

① Products produced in different batches may exhibit color variations.

| Model        |    | L |   |    |    |    |    |    |    |    |    | V  | P            | D   | K  | S   |
|--------------|----|---|---|----|----|----|----|----|----|----|----|----|--------------|-----|----|-----|
| Code         | M  |   |   |    |    |    |    |    |    |    |    |    | Thread pitch |     |    |     |
| (PEEK) UOYJP | 3  | 6 | 8 | 10 | 16 | 20 | 25 |    |    |    |    |    | 0.5          | 5.5 | 3  | 2.5 |
|              | 4  | 6 | 8 | 10 | 16 | 20 | 25 | 30 | 35 |    |    |    | 0.7          | 7   | 4  | 3   |
|              | 5  | 6 | 8 | 10 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 0.8          | 8.5 | 5  | 4   |
|              | 6  | 6 | 8 | 10 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 1.0          | 10  | 6  | 5   |
|              | 8  |   |   |    | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 1.25         | 13  | 8  | 6   |
|              | 10 |   |   |    |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 1.5          | 16  | 10 | 8   |

| Model        |   | L |   |    |    |    |    |    |    |    |    | V  | P            | D   | K | S   |
|--------------|---|---|---|----|----|----|----|----|----|----|----|----|--------------|-----|---|-----|
| Code         | M |   |   |    |    |    |    |    |    |    |    |    | Thread pitch |     |   |     |
| (PPS) UOYJR  | 3 | 6 | 8 | 10 | 12 | 16 | 20 | 25 |    |    |    |    | 0.5          | 5.5 | 3 | 2.5 |
|              | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 |    |    |    | 0.7          | 7   | 4 | 3   |
| (RENY) UOYJS | 5 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 |    |    |    | 0.8          | 8.5 | 5 | 4   |
|              | 6 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 1.0          | 10  | 6 | 5   |
|              | 8 |   |   |    |    | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 1.25         | 13  | 8 | 6   |

## ④ Resin-Type Screw Standard

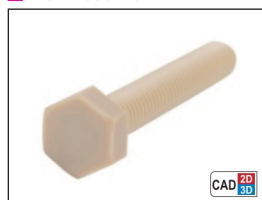
| Strength            | RENY>PPS>PEEK>PPS Non-Glass Fiber Reinforced   |
|---------------------|------------------------------------------------|
| Heat Resistance     | PPS+PPS Non-Glass Fiber Reinforced > PEEK>RENY |
| Chemical Resistance | PEEK>PPS+PPS Non-Glass Fiber Reinforced > RENY |

① RENY, PPS contains glass fibers.

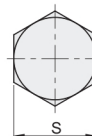
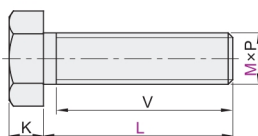
## ④ Technical Parameters

| Material                       | RENY   | PPS+PPS Non-Glass Fiber Reinforced | PEEK    |
|--------------------------------|--------|------------------------------------|---------|
| Continuous use temperature(°C) | 105    | 200                                | 180     |
| Flammability                   | UL94HB | UL94V-0                            | UL94V-0 |

## ⑤ Hex Head Bolt



CAD 2D 3D



① Products produced in different batches may exhibit color variations.

| Model          |    | L  |    |    |    |    |    |    |    |    |     | V   | P            | S     | K     |
|----------------|----|----|----|----|----|----|----|----|----|----|-----|-----|--------------|-------|-------|
| Code           | M  |    |    |    |    |    |    |    |    |    |     |     | Thread pitch |       |       |
| UPJXO<br>UPJXP | 3  | 5  | 6  | 8  | 10 | 12 | 16 | 20 | 25 |    |     |     | 0.5          | 5.5   | 2     |
|                | 4  | 6  | 8  | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40  |     | 0.7          | 7     | 2.8   |
|                | 5  | 6  | 8  | 10 | 12 | 16 | 20 | 25 | 30 | 40 |     |     | 0.8          | 8     | 3.6   |
|                | 6  | 8  | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 45  | 50  | 1.0          | 10    | 4.1   |
|                | 8  | 10 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70  | 75  | 1.25         | 13    | 5.45  |
|                | 10 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 65 | 70 | 75  | 80  | 1.5          | 16    | 6.5   |
|                | 12 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 65 | 70 | 75  | 80  | 1.75         | 18    | 8     |
|                | 14 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70  | 75  | 2.0          | 21    | 8.8   |
|                | 16 |    |    |    | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 2.0          | 24    | 10    |
|                | 18 |    |    |    | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 2.5          | 26.67 | 11.5  |
|                | 20 |    |    |    |    | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 2.5          | 29.67 | 12.5  |
|                | 27 |    |    |    |    |    | 50 |    |    |    |     |     | 3.0          | 41    | 17.35 |

① Size with \* is not applicable UPJXO.