

Plastic Phillips Pan Head Screws

Material: PPS.PEEK (Available in Pkg.)



RoHS10

1 pkg. contains 100 pcs.

Type	Material
PACK-PPSA	PPS (Polyphenylenesulfide)
PACK-PEKS	PEEK (Polyetheretherketone)



1 pkg. contains 100 pcs.

The surface colors of plastic Phillips pan head screws may change somewhat depending on production lot and other conditions.

Sometimes black spots on the surface may be seen, which does not affect its performance.

Part Number	M x P	D	H	PACK-PPSA		PACK-PEKS	
				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	M-L			1-9	10-50	1-9	10-50
PACK-PPSA PACK-PEKS	2.6-6						
	8	2.6	4.5	1.7			
	10	x					
	12	0.45					
PACK-PPSA PACK-PEKS	3-6						
	8	3	5.5	2			
	10	x					
	12	0.5					
PACK-PPSA PACK-PEKS	15						
	20						

Part Number	M x P	D	H	PACK-PPSA		PACK-PEKS	
				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	M-L			1-9	10-50	1-9	10-50
PACK-PPSA PACK-PEKS	4-6						
	8	4	7	2.6			
	10	x					
	12	0.7					
PACK-PPSA PACK-PEKS	15						
	20						
PACK-PPSA PACK-PEKS	5-8						
	10	5	9	3.3			
	12	x					
	15	0.8					

Part Number	M x P	D	H	PACK-PPSA		PACK-PEKS	
				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	M-L			1-9	10-50	1-9	10-50
PACK-PPSA PACK-PEKS	6-10						
	15	6	10.5	3.9			
	20	x					
		1.0					

For orders larger than indicated quantity, please check with WOS.

Ordering Example: Part Number PACK-PEKS4-20

1 pkg. contains 100 pcs.

Mechanical Properties (Reference)

	Tensile Breaking Load N		Torsional Breaking Torque N · m	
	PACK-PPSA	PACK-PEKS	PACK-PPSA	PACK-PEKS
M2.6	440	312	0.19	0.16
M3	570	430	0.36	0.3
M4	980	765	0.71	0.64
M5	1570	1230	1.42	1.28
M6	2250	1670	2.11	2.26

- Shown above are reference values and not guaranteed.
- Recommended tightening torque is torsional shear Torque x50%.
- Use a torque driver and torque wrench for tightening.
- Mechanical characteristics change depending on the operating environment.
- Testing is recommended under the applicable conditions prior to usage.

Guideline for Selection of Plastic Screws by Material①

Item	RENY	PPS	PPS Non-Glass Fiber	PEEK
Lightness	△	△	○	○
Water Absorption Stability	○	○	○	△
Strength, Rigidity	○	○	○	○
Impact Resistance	○	○	○	○
Friction Resistance, Abrasion Resistance	○	○	○	○
Heat Resistance	△	○	○	○
Flame Resistance	△	○	○	○
Electrical Properties	○	○	○	○
Weather Resistance	○	○	○	○

○: Excellent ○: Good △: Questionable


Chemical Resistance Data (Reference)

Chemical Name	Temperature	RENY	PPS / PPS Non-Glass Fiber	PEEK
Hydrochloric Acid 10%	80°C	X	○	○
Hydrochloric Acid 10%	Ambient Temperature	X	○	○
Nitric Acid 10%	80°C	X	△	○
Nitric Acid 10%	Ambient Temperature	X	○	○
Sulfuric Acid 30%	80°C	X	○	○
Sulfuric Acid 10%	80°C	X	○	○
Sulfuric Acid 10%	Ambient Temperature	X	○	○
Sodium Hydroxide 30%	80°C	△	○	○
Sodium Hydroxide 10%	Ambient Temperature	△	○	○
Calcium Chloride (Saturation)	80°C	△	○	○
Acetone	Ambient Temperature	○	○	○
Methanol	60°C	○	○	○
Gasoline	Ambient Temperature	○	○	○
Light Oil	Ambient Temperature	○	○	○
Motor Oil	80°C	○	○	○
Gear Oil	100°C	○	○	○

- : Not Affected ○: Hardly Affected △: Somewhat Deteriorated
- Chemical resistances vary depending on the condition of use. Be sure to test the product before use under expected application conditions.

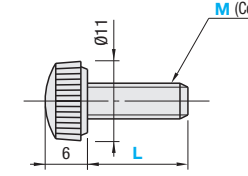
Thumb Screws (Plastic Head) / Plastic Hex Spacers

Both Ends Tapped



RoHS10


CRKW (White)
CRKB (Black)
CRKR (Red)



M (Coarse)

Material Knurled Head: PC (Polycarbonate) screw EN 1.4567 Equiv.

Part Number		Unit Price	Volume Discount Rate
Type	M-L	1 ~ 99 pc(s).	100 ~ 500 pcs.
CRKW (White) CRKB (Black) CRKR (Red)	3- 6		
	8		
	10		
	12		
	15		
	20		
	4- 6		
	8		
	10		
	12		
	15		
	20		




Ordering
Example

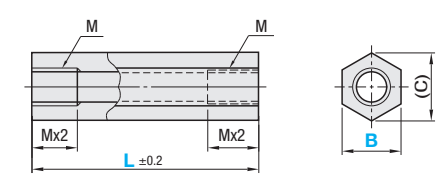
Part Number

CRKW3-6

• Usable as screws for cover attachment.



PEKP




6.3

<Cautions>


- The surface color may change depending on production lot and other conditions.
- For material data, see P221.
- The pilot hole for tapping goes through.

Material: PEEK (Polyetheretherketone)

Part Number		L (Selection)						M (Coarse)	(C)	Unit Price							
Type	B									L15	L20	L25	L30	L50	L100	L150	L200
PEKP	6	15 20 25 30 50	3	6.9						-	-	-					
	7	20 25 30 50 100 150	4	8.1	-							-					
	8	20 25 30 50 100 150	5	9.2	-							-					
	10	25 30 50 100 150 200	6	11.5	-	-											
	13	50 100 150 200	8	15.0	-	-	-	-									




Ordering Example: Part Number PEKP6 - L 20



Alterations: Part Number PEKP6 - LC LC35

Only applicable to PEKP.

Alteration	Code	Spec.
L Configurable	LC	Cuts L dimension in 1mm increment. The thread length does not change. Ordering Code LC55



B	LC
6	15<LC<50
7	20<LC<150
8	20<LC<150
10	25<LC<200
13	35<LC<200