

# Seven Lobed Knobs / Super Knobs / Adjustment Screws with Knobs / Press Fit Knurled Knobs

Five Lobed, Three Lobed Spring Pressure

# Hooks / Retaining Chains for Knobs

**Seven Lobed Knobs**

Type	Screw	Knobs Material	Cap Material	Surface Treatment
NKSM	Threaded	Nylon 6 (Mat. Black)	JIS-SWCH10R	Trivalent Chromate
NKSF	Tapped	Brass (Insert)	-	-

Part Number Type	M (Coarse)	L Selection					Lf	D	H	S	d	Reference Mass (g)		Unit Price	
		NKSM	NKSF	NKSM	NKSF	NKSM						NKSF			
NKSM (Threaded)	5	10	15	20	25	30	9.5	25	16	8	12	9	5		
	6	10	16	20	25	30	12	32	20	10	14	13	8		
	8	16	20	25	30	40	14	40	25	13	18	36	14		
NKSF (Tapped)	10	25	30	40	45	55	18	50	32	17	22	64	35		
	12	30	40	50	55	65	22	63	40	21	26	111	49		
		40	50												

Ordering Example: Part Number - L, NKSM12 - 50

**Super Knobs**

Type	Knobs Material	Cap Material
SKN	Nylon 66 (Black)	Polypropylene
SSN	-	-

Part Number Type	M	Cap Color Selection	D	d	H	S	A	Unit Price
SKN	6	Y (Orange) W (White)	34	18	16	4	15	
	8		38	20	18	4	18	
	10		43	22	22	6	21	
SSN	6	37	16	16	3.5	15		
	8	42	20	19	4.5	18		
	10	47	23	23	6	21		

Ordering Example: Part Number - Cap Color, SKN6 - Y

How to Assemble: 1. Insert hex bolt or hex nut into a hex hole of knobs securely. 2. Fit a cap by setting two of the three claws. 3. Then push the remaining claw using a screwdriver or a lancet to complete. \*In case of tapped knob, pay attention to the engagement length with its threaded counterpart (Bd dimension in the diagram). Caps may fall off.

**Adjustment Screws with Knobs**

Type	Knobs Material	Cap Material	Bolt Material	Surface Treatment
ASKN	Nylon 66 (Black)	Polypropylene	JIS-SWRM10	Trivalent Chromate

Part Number Type	M (Coarse)	L	B Spring Length Selection		Spring	D	d	d1	H	S	A	Spring Dimension			Unit Price
			L	D								Wire Dia. (d)	Constant Screw		
ASKN	6	30	10	20	6	34	18	5	16	4	15	0.8	10	N/mm 2.9 (kgf/mm) (0.3)	
			40	20								6	20		
			50	20								30	30		
	8	40	10	20	8	38	20	6	18	18	0.8	10			
			40	20							8	20			
			50	20							30	30			
10	40	20	30	10	43	22	8	22	6	21	1.2	40			
		60	20								10	20			
		70	30								40	30			

Ordering Example: Part Number - L - B, ASKN8 - 60 - 40

**Press Fit Knurled Knobs**

Type	Material
PACK-PKN	Polyacetal

Part Number Type	Screw Size M (Coarse)	Knob Color Selection	D	d	H	A	Reference Damage Torque (N·m)	Qty. per Pkg.	Unit Price
PACK-PKN	3	B (Black) G (Gray)	9.5	8.3	4.5	4	0.5	10 pcs./pkg.	
	4		13	9.8	5.5	4	1.5		
	5		16	11.5	6.6	4.5	2.7		
	6		19	13	7.5	4.5	2.8		
	8		26	16	10.2	7.2	4.5		

Ordering Example: Part Number - Knob Color, PACK-PKN3 - B

Type	Material	Surface Treatment
HKKJ	EN 1.4301 Equiv.	Buff Polished
HKKT	-	-

Part Number Type	Allowable Load (N)	Mass (g)	Unit Price	Volume Discount Rate
HKKJ	196	36	1-9 pc(s).	10-50
HKKT		45		

Ordering Example: Part Number, HKKJ, HKKT

Example

**Retaining Chains for Knobs**

Type	Nut	Chain	Key Ring	Hooks
DPCH	EN 1.4301 Equiv.	EN 1.4301 Equiv.	EN 1.4301 (WPB) Equiv.	

Mounting Example: NKB (P.1160), DPCH4

\* A hex nut in the center turns around inside of a fixed collar.

Part Number Type	M	L Selection	A	d	T	h	Reference Working Load	Unit Price	Volume Discount Rate
DPCH	3	150	7	3.2	4	2.5	2kg		
	4		8	4.2					
	5		10	5.2					
	250	6	12	6.2	5	2.5			
		8	14	8.2					
		10	14	10.2					

Ordering Example: Part Number - L, DPCH6 - 250

\*Note that order quantity "1" delivers 10 pcs (one package).