

Clamp Knobs **RoHS10**

Type	Knurled	Checker Knurled	Material	Surface Treatment	Accessory
KNB	KNBX	EN 1.1191	Black Oxide	-	-
KNBM	KNBMX	EN 1.4301	Electroless Nickel Plating	-	-
KNBS	KNBSX	EN 1.4305	-	-	-
KNBSP	KNBSXP	EN 1.4305	-	-	Nylon Washer

Knurled
KNB (Steel)
KNBM (Steel)
KNBS (Stainless Steel)

Checker Knurled
KNBX (Steel)
KNBMX (Steel)
KNBSX (Stainless Steel)

Unit Price

Part Number	Type	M (Coarse)	D (Knurled)	d	A	T	H	S	Unit Price	Unit Price	
Knurled KNB KNBM KNBS	Type	3	10	12	8.4	7	7.2	4.2	2.4		
		4	12	16	11.2	9	9.6	5.6	3.2		
		5	16	20	14	11	12	7	4		
		6	20	24	16	13	14	8	4		
Checker Knurled KNBX KNBMX KNBSX	Type	8	24	30	20	18	17	10	5		
		10	29	36	28	23	20	12	6		
		12	32	40	32	26	24	14	8		
		12	32	40	32	26	24	14	8		

⚠ D dimension is unavailable for Checker Knurled Knobs.

With Nylon Washer

Part Number	Type	M (Coarse)	D (Knurled)	d	A	T	H	S	D ₁	d ₁	t	Unit Price
Knurled KNBSP (With Nylon Washer)	Type	5	16	20	14	11	12	7	4	13	5.3	0.8
		6	19	24	16	13	14	8	4	13	6.3	0.8
Checker Knurled KNBSXP (With Nylon Washer)	Type	8	24	30	20	18	17	10	5	18	8.3	1
		8	24	30	20	18	17	10	5	18	8.3	1

⚠ D dimension is unavailable for Checker Knurled Knobs.

Ordering Example
Part Number - D
KNB3 - 12
KNBSP5 - 16
KNBX6
KNBSXP8

Alteration: Part Number - D - (MC)
KNBS8 - 24 - MC

⚠ Applicable to M≥8 of KNBS and KNBSX.

Alteration **Code** **Spec.**

S/2 MC

Adds a tap for setscrew to KNBS and KNBSX.

M	MC
8	M3
10	M4
12	M5

⚠ Applicable to M≥8

Stainless Steel Knobs - Round Knob **RoHS10**

Type	Material	Surface Treatment
NPFS	EN 1.4301 Equiv.	Electrolytic Polishing

NPFS (Tapped)

Unit Price

Part Number	Type	M (Coarse)	D	H	ℓ	d	Mass (g)	Unit Price
NPFS	Type	4	21	21	8	12	30	
		5	25	25	10	14	49	
		6	33	33	14	18	113	
		8	33	33	14	18	113	

Stainless Steel Wing Knobs **RoHS10**

Type	Material	Surface Treatment
NPFC	EN 1.4581 Equiv. (EN 1.4401 Equiv.)	Buff Polished

NPFC

Unit Price

Part Number	Type	M (Coarse)	D	H	L	d	A	Mass (g)	Unit Price
NPFC	Type	5	50	24	13	14	2.3	30	
		6	50	24	13	14	2.3	30	
		8	75	35	16	21	3.4	113	
		10	75	35	16	21	3.4	113	

Stainless Steel Knobs - Five Lobed **RoHS10**

Type	Material	Surface Treatment
NPBFS	EN 1.4581 Equiv. (EN 1.4401 Equiv.)	Electrolytic Polishing

NPBFS

Unit Price

Part Number	Type	M (Coarse)	H	S	L	d	Mass (g)	Unit Price	
NPBFS	Type	32	5	22	11	10	13	70	
		40	6	25	13	12	16	115	
		50	8	32	16	15	20	220	
		63	10	40	21	20	25	435	

Stainless Steel Knobs - Five Lobed **RoHS10**

Type	Material	Surface Treatment
NPBFS	EN 1.4581 Equiv. (EN 1.4401 Equiv.)	Electrolytic Polishing

NPBFS

Unit Price

Part Number	Type	M (Coarse)	H	S	L	d	Mass (g)	Unit Price	
NPBFS	Type	32	5	22	11	10	13	70	
		40	6	25	13	12	16	115	
		50	8	32	16	15	20	220	
		63	10	40	21	20	25	435	

Ordering Example
Part Number - M
NPBFS32 - 5

Alterations

⚠ Applicable to NPBFS only. ⚠ Shaft bore is a through-bore.

H8 Hole + Tapped Hole Machining

No Hole

Code **HC** **NC**

Spec.

Adds an H8 hole at hub center, and two tapped setscrew holes.

No Tapped Hole
There is only the center hole of 120°

Ordering Code **HC8**

Ordering Code **NC**

D	HC (H8)	h	HC (H8)	M (Coarse)
40	8	6	8, 10	5
50	8	6	8, 10	5
63	10	8	8, 10	5

Knurled Plastic Knob Screws with Captured Washer **RoHS10**

Type	Knobs	Screw	Material	Surface Treatment
NBMT	ABS	EN 1.4301 Equiv.	EN 1.4305 Equiv.	-

NBMT

Unit Price

Part Number	Type	M (Coarse)	D	L Selection	Knob Color	H	S	d	d ₁	D ₁	t	Reference Mass (g)	Unit Price	
NBMT	Type	6-20	10	15	20	B (Black)	14	4	15	10	16	1.5	9	
		6-25	15	20	25		18	6	19	10	20	2	15	
		6-32	20	25	25		24	12	28	2	20			
		8-32	15	25	25		24	12	28	2	24			

Knurled Plastic Knob Screws with Tip Pads **RoHS10**

Type	Knobs	Screw	Material	Surface Treatment
NBMP	ABS	EN 1.4301 Equiv.	Polyacetal (White)	-

NBMP

Unit Price

Part Number	Type	M (Coarse)	D	L Selection	Knob Color	H	S	d	d ₁	d ₂	ℓ	Reference Mass (g)	Unit Price
NBMP	Type	3-16	10	15	B (Black)	12	2	11	9	1.5	0.5	4	
		4-16	10	15		2	5						
		5-16	10	15		20	3	7					
		5-20	15	20		3	14						
		5-25	20	25		3	14						
		6-20	10	15		20	3	14					
		6-25	15	20		25	4	15					
		6-32	20	25		4	20						
		8-32	15	25		4	24						
		18	6	19		10	6	2	24				
		18	6	19		10	6	2	24				
		18	6	19		10	6	2	24				

Knurled Plastic Knob Screws with Tip Pads **RoHS10**

Type	Knobs	Screw	Material	Surface Treatment
NBMP	ABS	EN 1.4301 Equiv.	Polyacetal (White)	-

NBMP

Unit Price

Part Number	Type	M (Coarse)	D	L Selection	Knob Color	H	S	d	d ₁	d ₂	ℓ	Reference Mass (g)	Unit Price
NBMP	Type	3-16	10	15	B (Black)	12	2	11	9	1.5	0.5	4	
		4-16	10	15		2	5						
		5-16	10	15		20	3	7					
		5-20	15	20		3	14						
		5-25	20	25		3	14						
		6-20	10	15		20	3	14					
		6-25	15	20		25	4	15					
		6-32	20	25		4	20						
		8-32	15	25		4	24						
		18	6	19		10	6	2	24				
		18	6	19		10	6	2	24				
		18	6	19		10	6	2	24				

Knurled Plastic Knob Screws with Tip Pads **RoHS10**

Type	Knobs	Screw	Material	Surface Treatment
NBMP	ABS	EN 1.4301 Equiv.	Polyacetal (White)	-

NBMP

Unit Price

Part Number	Type	M (Coarse)	D	L Selection	Knob Color	H	S	d	d ₁	d ₂	ℓ	Reference Mass (g)	Unit Price
NBMP	Type	3-16	10	15	B (Black)	12	2	11	9	1.5	0.5	4	
		4-16	10	15		2	5						
		5-16	10	15		20	3	7					
		5-20	15	20		3	14						
		5-25	20	25		3	14						
		6-20	10	15		20	3	14					
		6-25	15	20		25	4	15					
		6-32	20	25		4	20						
		8-32	15	25		4	24						
		18	6	19		10	6	2	24				
		18	6	19		10	6	2	24				
		18	6	19		10	6	2	24				

Ordering Example
Part Number - L - Knob Color
NBMT6-20 - 20 - B
NBMP6-32 - 25 - B

Knurled Plastic Clamp Knobs **RoHS10**

Type	Knobs	Screw	Material	Surface Treatment
NAM	-	SWCH12A	Trivalent Chromate	-
NAF	-	Brass (Insert)	Nickel Plating	-
NAMS	NAFS	EN 1.4301 Equiv. (EN 1.4567 Equiv.)	-	-

Threaded

Tapped

Unit Price

Part Number	Type	M (Coarse)	D	L Selection	Lf	H	S	d	d ₁	Mass (g)	Unit Price			
NAM NAF NAMS NAFS	Type	4-18	10	15	9	13	6	10	7	4				
		5-20	10	15		20	15	6	12	8	2			
		5-24	10	15		20	16	7	13	10	3			
		6-24	10	15		20	25	18	7	15	10	3		
		6-30	10	15		20	25	19	8	18	12	10		
		8-30	15	20		25	11	19	8	18	14	16		
		8-35	15	20		25	20	25	19	8	18	14	16	
		10-35	20	25		20	25	19	8	18	14	16	12	
		4-18	10	15		9	13	6	10	7	4			
		5-20	10	15		15	15	6	12	8	2			
		5-24	10	15		20	16	7	13	10	3			
		6-24	10	15		20	25	18	7	15	10	3		
6-30	10	15	20	25	19	8	18	12	10					
8-30	15	20	25	11	19	8	18	14	16	12				
8-35	15	20	25	20	25	19	8	18	14	16				
10-35	20	25	20	25	19	8	18	14	16	12				

Knurled Plastic Clamp Knobs **RoHS10**

Type	Knobs	Screw	Material	Surface Treatment
NAM	-	SWCH12A	Trivalent Chromate	-
NAF	-	Brass (Insert)	Nickel Plating	-
NAMS	NAFS	EN 1.4301 Equiv. (EN 1.4567 Equiv.)	-	-

Threaded

Tapped

Unit Price

Part Number	Type	M (Coarse)	D	L Selection	Lf	H	S	d	d ₁	Mass (g)	Unit Price			
NAM NAF NAMS NAFS	Type	4-18	10	15	9	13	6	10	7	4				
		5-20	10	15		20	15	6	12	8	2			
		5-24	10	15		20	16	7	13	10	3			
		6-24	10	15		20	25	18	7	15	10	3		
		6-30	10	15		20	25	19	8	18	12	10		
		8-30	15	20		25	11	19	8	18	14	16		
		8-35	15	20		25	20	25	19	8	18	14	16	
		10-35	20	25		20	25	19	8	18	14	16	12	
		4-18	10	15		9	13	6	10	7	4			
		5-20	10	15		15	15	6	12	8	2			
		5-24	10	15		20	16	7	13	10	3			
		6-24	10	15		20	25	18	7	15	10	3		
6-30	10	15	20	25	19	8	18	12	10					
8-30	15	20	25	11	19	8	18	14	16	12				
8-35	15	20	25	20	25	19	8	18	14	16				
10-35	20	25	20	25	19	8	18	14	16	12				

Ordering Example
Part Number - L
NAM8-30 - 20