

# Clamp Knobs / Checker Knurled Clamp Knobs / Stainless Steel Knobs - Five Lobed / Stainless Steel Knobs - Round Knob / Stainless Steel Wing Knobs

**Clamp Knobs** RoHS 10

Type	Material	Surface Treatment	Accessory
Knurled	Material	Surface Treatment	Accessory
KNB	KNBX	S45C	Black Oxide
KNBM	KNBMX		Electroless Nickel Plating
KNBS	KNBSX	SUS303	
KNBSP	KNBSXP		Nylon Washer

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

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

**KNBSP** Knurled Knobs with Nylon Washer

**KNBSXP** Checker Knurled Knobs with Nylon Washer

Part Number	Type	D		d	A	T	H	S	Unit Price			Unit Price		
		M (Coarse)	(Knurled)						KNB	KNBM	KNBS	KNBX	KNBMX	KNBSX
Knurled <span style="color: blue;">KNB</span> <span style="color: blue;">KNBM</span> <span style="color: blue;">KNBS</span>	3	10	12	8.4	7	7.2	4.2	2.4						
			12	11.2	9	9.6	5.6	3.2						
		16	16	11.2	12	9.6	5.6	3.2						
Checker Knurled <span style="color: blue;">KNBX</span> <span style="color: blue;">KNBMX</span> <span style="color: blue;">KNBSX</span>	4	16	20	14	11	12	7	4						
			20	16	15	15	7	4						
	5	19	24	16	13	14	8	4						
			24	18	14	18	8	4						
	6	24	30	20	18	17	10	5						
			30	20	18	24	10	5						
8	29	36	28	23	20	12	6							
		36	28	30	20	12	6							
10	32	40	32	26	24	14	8							
		40	32	34	24	14	8							

⚠ D dimension is unavailable for Checker Knurled Knobs.

## With Nylon Washer

Part Number	Type	D		d	A	T	H	S	D <sub>1</sub>	d <sub>1</sub>	t	Unit Price	
		M (Coarse)	(Knurled)									KNBSP	KNBSXP
Knurled <span style="color: blue;">KNBSP</span> (With Nylon Washer)	5	16	20	14	11	12	7	4	13	5.3	0.8		
			20	14	15	12	7	4	13	5.3	0.8		
Checker Knurled <span style="color: blue;">KNBSXP</span> (With Nylon Washer)	6	19	24	16	13	14	8	4	13	6.3	0.8		
			24	16	18	14	8	4	13	6.3	0.8		
	8	24	30	20	18	17	10	5	18	8.3	1		
			30	20	24	17	10	5	18	8.3	1		

⚠ D dimension is unavailable for Checker Knurled Knobs.

Ordering Example

Part Number	-	D
<span style="color: blue;">KNB3</span>	-	12
<span style="color: blue;">KNBSP5</span>	-	16
<span style="color: blue;">KNBX6</span>	-	
<span style="color: blue;">KNBSXP8</span>	-	

Alteration

Part Number	-	D	-	(MC)
<span style="color: blue;">KNBS8</span>	-	24	-	MC

⚠ Applicable to M≥8 of KNBS and KNBSX.

Alteration	Code	Spec.								
	MC	Adds a tap for setscrew to KNBS and KNBSX. <table style="font-size: 8px; border-collapse: collapse;"> <tr><td>M</td><td>MC</td></tr> <tr><td>8</td><td>M3</td></tr> <tr><td>10</td><td>M4</td></tr> <tr><td>12</td><td>M5</td></tr> </table> ⚠ Applicable to M≥8	M	MC	8	M3	10	M4	12	M5
M	MC									
8	M3									
10	M4									
12	M5									

**Stainless Steel Knobs - Round Knob**

RoHS 10

Type	Material	Surface Treatment
NPFS	SUS304	Electrolytic Polishing

NPFS (Tapped)

Part Number	Type	M (Coarse)	D	H	L	d	Mass (g)	Unit Price
5	25	25	10	14	49			
6	33	33	14	18	113			
8								

**Stainless Steel Wing Knobs**

RoHS 10

Type	Material	Surface Treatment
NPFCs	SUS22 (SUS316 Equivalent)	Buff Polished

NPFCs

Part Number	Type	M (Coarse)	D	H	L	d	A	Mass (g)	Unit Price
6	75	35	16	21	3.4	49			
8							113		
10							113		

**Stainless Steel Knobs - Five Lobed**

RoHS 10

Type	Material	Surface Treatment
NPBFS	SUS22 (SUS316 Equivalent)	Electrolytic Polishing

NPBFS

Part Number	Type	D	M (Coarse)	H	S	L	L <sub>1</sub>	d	Mass (g)	Unit Price
40	50	6	25	13	12	16	115			
50	63	8	32	16	15	20	220			
63		10	40	21	20	25	435			

Ordering Example

Part Number	-	M
<span style="color: blue;">NPBFS32</span>	-	5

Alterations

Alterations	H8 Hole + Tapped Hole Machining	No Hole																				
Code	HC	NC																				
Spec.	Adds an H8 hole at hub center, and two tapped setscrew holes. Ordering Code HC8 <table style="font-size: 8px; border-collapse: collapse;"> <tr> <th>D</th> <th>HC (H8)</th> <th>h</th> <th>HC (H8)</th> <th>M (Coarse)</th> </tr> <tr> <td>40</td> <td>8</td> <td>6</td> <td>8, 10</td> <td>5</td> </tr> <tr> <td>50</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>63</td> <td>10</td> <td>8</td> <td></td> <td></td> </tr> </table>	D	HC (H8)	h	HC (H8)	M (Coarse)	40	8	6	8, 10	5	50					63	10	8			No Tapped Hole There is only the center hole of 120° Ordering Code NC
D	HC (H8)	h	HC (H8)	M (Coarse)																		
40	8	6	8, 10	5																		
50																						
63	10	8																				