

# Knurled Knobs

with Tip Pad / with H.S.C.S. / Slit

Levers / Handwheels / Knobs

**Knurled Knobs – with Tip Pads**

Type	Body		Pad
	Material	Surface Treatment	Material
NOOSP	303 Stainless Steel	Brushed Finish	Polyacetal (White)
NOOSC			Free-Cutting Brass (C36000 Brass)

**NOOSP**  
**NOOSC**

RoHS 10

Type	M (Coarse)	L				A	D	d <sub>1</sub>	l	l <sub>1</sub>
		6	10	16	20					
Polyacetal NOOSP	3	6	10			2.5	12	1.5	1	0.5
	4	6	10	16		3.5	16	2	1.2	1
	5	10	16	20		4	20	3	1.4	1
Free-Cutting Brass NOOSC	6	10	16	20	25	30	5	24	4	1.5
	8	16	20	25	30		6	30	2	2
	10	20	25	30	40		8	36	2.5	2

Part Number Example: **NOOSP6 - 10**

**Knurled Knobs – with H.S.C.S**

Type	Accessories	Body		Accessories	
		Material	303 Stainless Steel	Bolt	Nut
NKOSJ	Screw / Nut	303	303 Stainless Steel	303	303 Stainless Steel
NKOSJN	Without Screw and Nut	303	Stainless Steel	—	—

Length of the thread part is changeable by exchanging with a commercially-available bolt.

**NKOSJ**  
**NKOSJN**

RoHS 10

Type	M	L		D	D <sub>1</sub>	B	d <sub>1</sub>	(d <sub>2</sub> )	A	S	t
		Selectable only for NKOSJ	(L <sub>1</sub> )								
With Screw and Nut NKOSJ	4	12	6.6	16	7.5	11	9	8.1	8	2.4	5
		15	9.6								
		20	14.6								
		25	19.6								
		30	24.6								
Without Screw and Nut NKOSJN	5	15	8.8	20	9	12	10	9.2	9	3.2	6
		20	13.8								
		25	18.8								
		30	23.8								
		35	28.8								
	6	15	8.4	24	11	14	12	11.5	10	3.6	7
		20	13.4								
		25	18.4								
		30	23.4								
		35	28.4								

**Knurled Knobs – Slit**

Type	Material	Surface Treatment
NOBW	1215 Carbon Steel	Trivalent Chromate
NOOSW	303 Stainless Steel	Brushed Finish

**NOBW**  
**NOOSW**

RoHS 10

Type	M (Coarse)	L				D	A	l	t	W
		6	10	16	20					
NOBW	3	6	10			5	2.5	1	1.5	1.8
	4	6	10	16		7	3.5	1.2	1.5	1.8
NOOSW	5	10	16	20		11	4	1.4	2	1.8
	6	10	16	20	25	30	13	5	1.5	1.8

Part Number Example: **NKOSJ4 - 12**  
**NOBW3 - 10**

# Knurled Knob Screws

SR Tip

**Knurled Knob Screws**

Type	Material		Surface Treatment	Accessories
	Short	Long		
NRS	NRL	C36000 Brass BD Brass (JIS)	Chrome Plating	Nylon Washer
NRSS	NRLS	303 Stainless Steel	—	

**NRS**  
**NRSS**  
**NRL**  
**NRLS**

RoHS 10

Product Number Not RoHS compliant

**Short**

Type	M (Coarse)	L		D	D <sub>1</sub>	H	Mass (g)
		L <sub>1</sub>	L <sub>2</sub>				
NRS Brass	4	10	20	15	10	8	12
		15	25				13
		20	30				14
NRSS Stainless Steel	5	10	20	18	12	10	15
		15	25				15
		20	22				24
	6	10	27				25

Part Number Example: **NRS5 - 15**  
**NRL8 - 50**

Part Number Alterations: **NRLS8 - LC30 - FC20**

(FC) LC is only applicable to NRSS and NRLS (Stainless Steel).  
FC is only applicable to NRLS.

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

**LC**

L dimension can be specified in 1 mm increment.  
Ordering Code: LC30

M	LC
4	10-30
5	10-40
6	10-50
8	20-50

KRSS is applicable to M4-6.

**Long**

Type	M (Coarse)	L			D	D <sub>1</sub>	D <sub>2</sub>	H	Mass (g)	
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>						
NRL Brass	4	20	30	12	15	10	3	8	14	
		25	35	14						
		30	40	15						
	NRLS Stainless Steel	5	20	30	12	18	12	4.5	10	15
			25	35	16					
			30	40	16					
	6	30	42		24	14	6	10	17	
		35	47	17						
		40	52	17						
		50	62	27						
		50	62	29						
	8	40	52						50	
		50	62						53	

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

**FC**

Threads can be specified in 1mm increment.  
Ordering Code: FC20  
M≤FC≤LC-2

FC is only available in combination with LC.  
Applicable to NRLS only.

**Knurled Knob Screws – SR Tip**

Type	Material	
	Short	Long
NRSSR	NRLSR	303 Stainless Steel

**NRSSR**  
**NRLSR**

RoHS 10

**Short**

Type	M (Coarse)	L		D	D <sub>1</sub>	H	SR	Mass (g)
		L <sub>1</sub>	L <sub>2</sub>					
NRSSR	4	10	20	15	10	8	4	12
		15	25				4	13
		20	30				5	14
	6	10	25	18	12	10	5	15
		15	22				6	24
		15	27				6	25

Part Number Example: **NRSSR4 - 10**  
**NRLSR6 - 35**

**Long**

Type	M (Coarse)	L			D	D <sub>1</sub>	D <sub>2</sub>	H	SR	Mass (g)
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>						
NRLSR	4	20	30	12	15	10	3	8	4	14
		25	35	14					4	14
		30	40	15					4	14
	5	20	30	12	18	12	4.5	10	5	15
		25	35	16					5	16
		30	40	16					5	16
6	30	42		24	14	6	10	6	27	
	35	47	6					27		
	40	52	6					28		
	50	62	6					29		
	50	62	8					50		
	8	40	52						50	
		50	62						53	

Levers / Handwheels / Knobs