

Knurled Knobs / Plastic Knurled Handwheels

Levers / Handwheels / Knobs

Knurled Knobs

RoHS 10

Type	Shape	Knob Material	Screw	
			Material	Surface Treatment
Standard	Stepped	ABS Resin	1018 Carbon Steel or Equivalent	Chrome Plating
NBM	NBLM		304 Stainless Steel	—
NBMS	NBLMS		Brass (Insert)	—
NBF	NBLF		1018 Carbon Steel or Equivalent	Trivalent Chromate
NBMR	—	Nylon 6	1018 Carbon Steel or Equivalent	Trivalent Chromate

⊕ A protrusion for demolding is placed under the head.

NBM Threaded
NBMR Threaded
NBMS Stainless Steel Threaded

NBLM Threaded
NBLMS Stainless Steel Threaded

NBF Tapped

NBLF Tapped

Part Number	M (Coarse)-D	L	Knob Color	Lf		H	H ₁	S	S ₁	d	d ₁	Reference Mass (g)		
				NBF	NBLF							NBM / NBLM / NBMS / NBLMS	NBF	NBLF
Standard	3-16	10 15	B Black	5	10	12	16	2	6	11	9	10	5	10
	4-16	10 15												
	5-16	10 15 20												
	5-20	15 20												
Stepped Type	5-25	20 25	W* White	6	15	14	22	4	12	15	10	15	6	15
	6-20	10 15 20												
	6-25	15 20 25												
	6-32	20 25												
8-32	15 25		9	16	18	27	6	15	24	12	29	16	29	

Knobs Made by Nylon (NBMR)

Part Number	M (Coarse)-D	L	Knob Color	H	S	d	d ₁	Ref. Mass (g)
5-20	10		B Black	14	4	15	10	15
6-20	25	14		4	15	10	15	
8-25	16 25	18		6	19	12	29	
8-32	20							

⊕ *White is available for NBM, NBF, NBLM and NBLF only. ⊕ The default color will be black unless specified.

Part Number Example

Part Number	Part Number	L	Knob Color
NBM3-16	15	B	
NBM5-20	20	W	
NBMR8-32	20	B	

Plastic Knurled Handwheels

RoHS 10

CHBK
Revolving Handle

CHBKN
Without Handle

	Material	Surface Treatment
Handwheel	Polypropylene	—
Handwheel Insert	Brass	—
Set Screw	4137 Alloy Steel	Black Oxide
Handle	Nylon6 (Black)	—
Handle Thread	12L13 Carbon Steel	Black Oxide

*Tap will be added to the insert (brass).

Part Number	D	H	A	S	d	R	L _r	h	P	B	G	M	Mass (g)			
													CHBK	CHBKN		
CHBK CHBKN	40	20	13	7	18.5	6	15	4	13	13	18.8	4	30	22		
	50	25	17	8	20		19	5	17.5				45	37		
	63	29	20	9	23		22	6	22				14	20.8	65	58
	80	36	24	12	28		27	6	30				16	23.8	97	84

Part Number Example

Part Number	Part Number
CHBK40	

Knurled Knobs

Diamond Cut Type / Large Diameter

Knurled Knobs – Diamond Cut Type

RoHS 10

Type	Shape	Knob Material	Screw	
			Material	Surface Treatment
Standard	Stepped	ABS Resin	1018 Carbon Steel or Equivalent	Chrome Plating
NBMX	NBLMX		304 Stainless Steel	—
NBMSX	NBLMSX		Brass (Insert)	—
NBFX	NBLFX		1018 Carbon Steel or Equivalent	Trivalent Chromate

⊕ A protrusion for demolding is placed under the head.

NBMX Threaded
NBMSX Stainless Steel Threaded

NBLMX Threaded
NBLMSX Stainless Steel Threaded

Standard – Tapped
NBFX Tapped

Stepped / Tapped
NBLFX Tapped

Part Number	M (Coarse)-D	L	Lf	H	H ₁	S	S ₁	d	d ₁	Reference Mass (g)			
										NBMX / NBLMX / NBMSX / NBLMSX	NBFX	NBLFX	NBMX / NBLMX / NBMSX / NBLMSX
Standard	3-16	10 15	5	10	12	16	2	6	11	9	10	5	10
	4-16	10 15											
	5-16	10 15 20											
	5-20	15 20											
Stepped Type	5-25	20 25	6	15	14	22	4	12	15	10	15	6	15
	6-20	10 15 20	9	16	18	27	6	15	19	10	19	9	19
	6-25	15 20 25	6	15	14	22	4	12	15	10	15	6	15
	6-32	20 25	9	16	18	27	6	15	19	10	19	9	19
8-32	15 25		9	16	18	27	6	15	24	12	29	16	29

Knurled Knobs – Large Diameter

RoHS 10

Type	Shape	Knob Material	Material	Surface Treatment
NKRM	Threaded	Nylon 6 (Mat Black)	1018 Carbon Steel or Equivalent	Trivalent Chromate
NKRF	Tapped		12L13 Carbon Steel	—
NKRR	H8 Hole		1018 Carbon Steel or Equivalent	Black Oxide

⊕ A protrusion for demolding is placed under the head.

Threaded NKRM

Tapped NKRF

H8 Hole NKRR

Threaded / Tapped

Part Number	M (Coarse)	L	Lf	D	H	S	d	d ₁	Mass (g)	
									NKRM	NKRF
Threaded	5	10 16 20	10	32	22	10	15	9	13-15	15
	6	10 16 20 25	15	40	25	11	17	10	20-22	17
Tapped	8	16 20 25	18	50	30	13.5	20	12	36-40	27
	10	30 50	20	63	35	15	23	16	78-90	55

Part Number	Type	R _{H8}	D	L _r	H	S ₁	S ₂	d	d ₁	C	f	Mass (g)
												Mass (g)
H8 Hole NKRR	8		40	15	25	9	11	19	14	2.8	7	31
	10		50	19	32	13	15.5	22	17	2.8	8	48
	12		63	23	40	17	20	26	21	3.8	10	89

Part Number Example

Part Number	Part Number	L
NBMX3-16	10	
NKRM8	16	
NKRR12		

Levers / Handwheels / Knobs