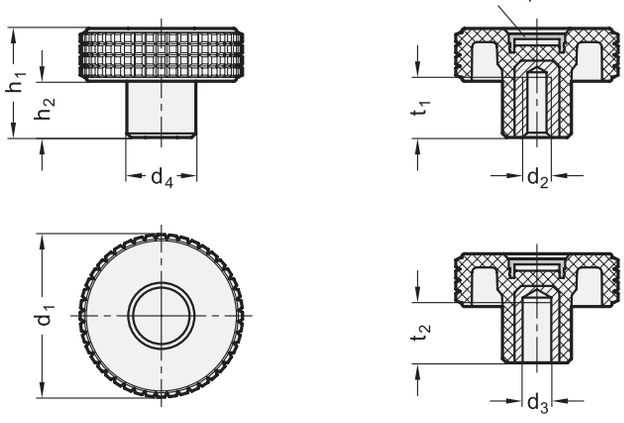
EN 534 | Diamond Cut Knurled Knobs

Technopolymer Plastic, with Brass Tapped or Plain Blind Bore Insert

JW WINCO® A Ganter Company



Inch | Metric

elesa
Original design MBT-B

Specification

- Knob body
  Plastic
  Technopolymer (Polypropylene PP)
  - Reinforced, shock-resistant
  - Temperature resistant up to 194 °F (90 °C)
  - Black, RAL 9005, matte finish ● **SW**
- Insert
  Brass
- Color of the cover cap (matte finish)

Black, RAL 9005	● –
Orange, RAL 2004	● **DOR**
Gray, RAL 7035	● **DGR**
Yellow, RAL 1021	● **DGB**
Blue, RAL 5024	● **DBL**
Red, RAL 3000	● **DRT**
Green, RAL 6017	● **DGN**

- Knobs with **inch** plain blind bore come complete with socket set screw for securing knob to shaft
- *ISO Fundamental Tolerances → page 2129*
- *Cross Holes GN 110 → page 2042*
- *Plastic Characteristics → page 2135*
- RoHS compliant

Information

The outside rim of EN 534 diamond cut knurled knobs has been designed with a truncated diamond knurl that provides a comfortable grip, and exercises maximum torque under the worst working conditions without causing operator fatigue.

The design of the fine diamond knurling simplifies grip adjustment of the knob during rapid rotation, thus providing the best control without requiring extreme angular adjustments of the hand and wrist.

Resistant to solvents, oils, grease and other chemical agents.

see also...

- *Knurled Control Knobs EN 735 → www.jwwinco.com*
- *Hollow Knurled Knobs GN 7336 → page 684*
- *Softline Knurled Knobs EN 4534 → www.jwwinco.com*
- *Diamond Cut Knurled Knobs EN 534 with Loss Protection GN 111.7 → page 2046*

How to order (Inch, with black cover cap)

EN 534-1.97-5/16X18-SW

1	Handle diameter d_1
2	Thread d_2 (Bore d_3)
3	Knob color

How to order (Metric, with colored cover cap)

EN 534-50-B8-SW-DRT

1	Handle diameter d_1
2	Bore d_3 (Thread d_2)
3	Knob color
4	Cover cap color

Inch table

Dimensions in: inches - *millimeters*

d_1 Nominal dimension	d_1 Actual dimension	d_2 Thread	d_3 +0.002 Bore	d_4	h_1	h_2	t_1 min.	t_2 min.
1.26 *32.0*	1.22 *31.0*	1/4 x 20	-	0.59 *15.0*	0.94 *23.9*	0.45 *11.4*	0.47 *11.9*	-
1.57 *39.9*	1.57 *39.9*	1/4 x 20	-	0.67 *17.0*	1.04 *26.4*	0.49 *12.4*	0.47 *11.9*	-
1.57 *39.9*	1.57 *39.9*	5/16 x 18	B 1/4	0.67 *17.0*	1.04 *26.4*	0.49 *12.4*	0.51 *13.0*	0.55 *14.0*
1.97 *50.0*	1.97 *50.0*	5/16 x 18	-	0.79 *20.1*	1.30 *33.0*	0.63 *16.0*	0.71 *18.0*	-
1.97 *50.0*	1.97 *50.0*	3/8 x 16	B 3/8	0.79 *20.1*	1.30 *33.0*	0.63 *16.0*	0.67 *17.0*	0.79 *20.1*
2.36 *59.9*	2.36 *59.9*	3/8 x 16	-	0.91 *23.1*	1.54 *39.1*	0.73 *18.5*	0.79 *20.1*	-
2.36 *59.9*	2.36 *59.9*	1/2 x 13	-	0.91 *23.1*	1.54 *39.1*	0.73 *18.5*	0.79 *20.1*	-
2.36 *59.9*	2.36 *59.9*	-	B 3/8	0.91 *23.1*	1.54 *39.1*	0.73 *18.5*	-	0.98 *24.9*

Metric table

Dimensions in: millimeters - *inches*

d_1 Nominal dimension	d_1 Actual dimension	d_2 Thread	d_3 H9 Bore	d_4	h_1	h_2	t_1 min.	t_2 min.
32 *1.26*	31 *1.22*	M 5	-	15 *0.59*	24 *0.94*	11.5 *0.45*	10 *0.39*	-
32 *1.26*	31 *1.22*	M 6	-	15 *0.59*	24 *0.94*	11.5 *0.45*	12 *0.47*	-
40 *1.57*	39.5 *1.56*	M 6	B 6	17 *0.67*	26.5 *1.04*	12.5 *0.49*	12 *0.47*	14 *0.55*
40 *1.57*	39.5 *1.56*	M 8	-	17 *0.67*	26.5 *1.04*	12.5 *0.49*	13 *0.51*	-
50 *1.97*	50 *1.97*	M 8	B 8	20 *0.79*	33 *1.30*	16 *0.63*	20 *0.79*	20 *0.79*
50 *1.97*	50 *1.97*	M 10	-	20 *0.79*	33 *1.30*	16 *0.63*	18 *0.71*	-
60 *2.36*	61 *2.40*	M 10	B 10	23 *0.91*	39 *1.54*	18.5 *0.73*	20 *0.79*	25 *0.98*
60 *2.36*	61 *2.40*	M 12	-	23 *0.91*	39 *1.54*	18.5 *0.73*	20 *0.79*	-
70 *2.76*	70 *2.76*	M 12	-	24 *0.94*	42 *1.65*	20.5 *0.81*	20 *0.79*	-
70 *2.76*	70 *2.76*	M 14	-	24 *0.94*	42 *1.65*	20.5 *0.81*	20 *0.79*	-