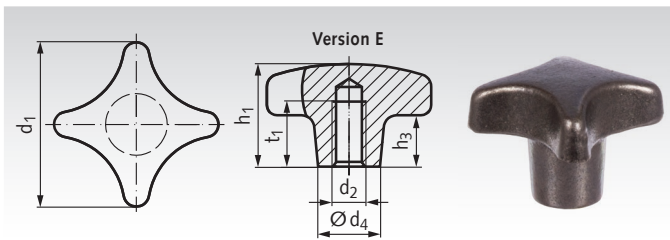


## Star Knobs DIN 6335 GG

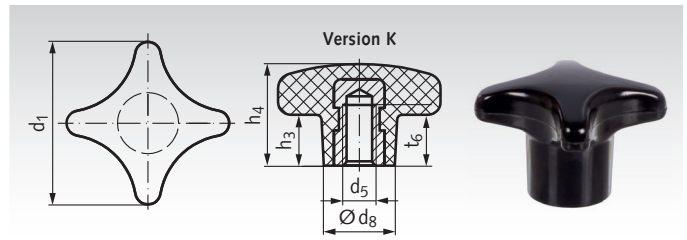


**Material:** Grey cast iron.  
**Type E** = with tapped blind hole.

Ordering Details: e.g.: Product No. 660 232 00, Star Knobs DIN 6335 GG, Vers. E 32 mm

Product No. Type E	d <sub>1</sub> mm	d <sub>2</sub> mm	d <sub>4</sub> mm	h <sub>1</sub> mm	h <sub>3</sub> mm	t <sub>1</sub> mm	Weight g
660 232 00	32	M6	12	21	10	12	30
660 240 00	40	M8	14	26	14	15	49
660 250 00	50	M10	18	34	20	18	105
660 263 00	63	M12	20	42	25	22	170
660 280 00	80	M16	25	52	30	28	350
660 298 00	100	M20	32	65	38	36	715

## Star Knobs Similar to DIN 6335 Pr



**Material:** Duroplast PF31, black, glossy finish.  
**Type K** = with press-fitted threaded bush made from brass.

Ordering Details: e.g.: Product No. 660 520 00, Star Knobs DIN 6335 Pr, Vers. K 20 mm

Product No. Type K	d <sub>1</sub> mm	d <sub>5</sub> mm	d <sub>8</sub> mm	h <sub>3</sub> mm	h <sub>4</sub> mm	t <sub>6 min</sub> mm	Weight g
660 520 00	20	M4	10	6	13	6,5	3
660 525 00	25	M5	13	8	17	9,5	7
660 532 00	32	M6	14	10	20	12	10
660 540 00	40	M8	18	14	26	14	19
660 550 00	50	M10	22	18	32	18	35
660 563 00*	63	M12	26	22	40	22	65
660 580 00*	80	M16	34	29	53	30	137

\* With threaded bush made from steel.

## Star Knobs with Axial Bearing

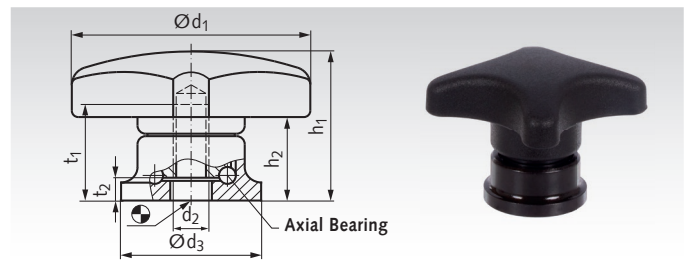
**Material:** Grip: Thermoplast (PA).  
 Insert: Heat-treated steel nitrided, black oxide finish.

The advantages of the axial bearing:

- double clamping force with same lever size, by reducing the surface friction.
- Less wear on the component due to fixed locating face.
- Little settling due to higher pre-tensioning force of the bolt or thread.

Ordering Details: e.g.: Product No. 660 640 00, Star Knob with Axial Bearing, Ø 40 mm

Product No.	d <sub>1</sub> mm	d <sub>2</sub> mm	d <sub>3</sub> mm	h <sub>1</sub> mm	h <sub>2</sub> mm	t <sub>1</sub> mm	t <sub>2</sub> mm	Weight g
660 640 00	40	M6	24	27	15	12,5	5	45
660 650 00	50	M8	25	34	22,5	14	4,2	68
660 663 00	63	M10	30	41	26,5	18	5,4	111
660 680 00	80	M12	35	54	34	26,5	6,6	218



## Star Knob Screws with Axial Bearing

**Material:** Grip: Thermoplast (PA).  
 Insert: Heat-treated steel nitrided, black oxide finish.  
 Screw: Steel tensile strength 8.8, black oxide finish.

The advantages of the axial bearing:

- double clamping force with same lever size, by reducing the surface friction.
- Less wear on the component due to fixed locating face.
- Little settling due to higher pre-tensioning force.

Ordering Details: e.g.: Product No. 660 640 01, Star Knob Screw with Axial Bearing, Ø 40mm, M6 x 15mm

Product No.	d <sub>1</sub> mm	d <sub>2</sub> mm	l mm	d <sub>3</sub> mm	h <sub>1</sub> mm	h <sub>2</sub> mm	Weight g
660 640 01	40	M6	15	24	27	15	50
660 640 02	40	M6	25	24	27	15	52
660 650 01	50	M8	20	25	34	22,5	81
660 650 02	50	M8	35	25	34	22,5	86
660 663 01	63	M10	30	30	41	26,5	137
660 663 02	63	M10	40	30	41	26,5	142
660 680 01	80	M12	30	35	54	34	258
660 680 02	80	M12	50	35	54	34	276

