



**3 Type**

- D** With threaded through bore
- E** With threaded blind bore

d <sub>1</sub>	d <sub>2</sub> Type D			d <sub>3</sub> Type E			d <sub>4</sub>	h	k	t <sub>1</sub> min.	t <sub>2</sub>
	-	-	-	M 3	M 4	M 5					
12	-	-	-	M 3	M 4	M 5	9,5	11,5	7,5	6	-
16	M 4	M 5	-	M 3	M 4	M 5	11	13	8	6	10
20	M 6	-	-	M 5	M 6	-	11,5	16	10	6	12
25	M 6	M 8	-	M 5	M 6	-	16	19	11	6	14
32	M 6	M 8	M 10	M 8	-	-	17	22	13	10	16
40	M 10	-	-	M 8	M 10	-	19	27	14	13	20
50	M 10	-	-	M 10	-	-	22	28,5	15	13	20

d <sub>1</sub>	d <sub>2</sub> Type D	d <sub>3</sub> Type E	d <sub>4</sub>	h	k	t <sub>1</sub> min.	t <sub>2</sub>
16	M 5	M 4	11	13	8	6	10
20	M 6	M 5	11,5	16	10	6	12
25	M 8	M 6	16	19	11	8	14
32	M 10	M 8	17	22	13	10	16

**Specification**

- Plastic Technopolymer (Polyamide PA)
  - Reinforced
  - Temperature resistant up to 130 °C
  - Black, matte finish
- Bushing Brass
- Plastic Technopolymer (Polyamide PA) Electrically conductive (antistatic)
  - *Plastic Characteristics* → Page 2158
- RoHS



**Information**

Knurled nuts type ESD are made of a conductive plastic which prevents an electrostatic loading. The imprint ESD defines the special antistatic properties according to IEC 61340-5-1.

see also...

- *Product Family ESD* → Page 18
- *Knurled Nuts GN 420* → Page 636
- *Knurled Nuts GN 590.5 (Bushing Stainless Steel)* → Page 634
- *Knurled Nuts GN 530 (Duroplast)* → Page 630

**How to order**

**GN 590-20-M6-D**

- 1 d<sub>1</sub>
- 2 d<sub>2</sub> (d<sub>3</sub>)
- 3 Type

**How to order (Plastic ESD)**

**GN 590-32-M10-D-ESD**

- 1 d<sub>1</sub>
- 2 d<sub>2</sub> (d<sub>3</sub>)
- 3 Type
- 4 Material