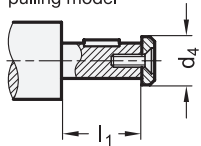
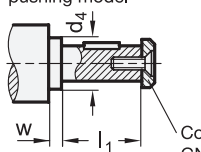


Shaft design for pulling model



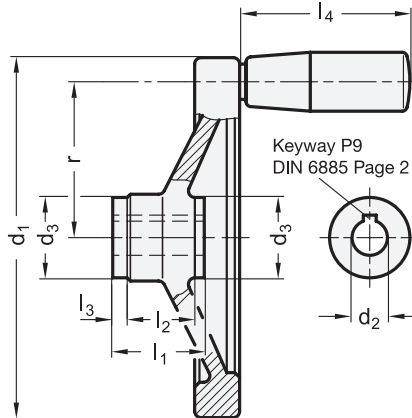
Engage by pulling  
□□□▷

Shaft design for pushing model



Engage by pushing  
◁□□□

Countersunk washer  
GN 184



**3 Type**

- A without handle
- D with revolving steel handle

**4 Coding**

- ZI engage by pulling
- DR engage by pushing

**1 2**

d <sub>1</sub>	d <sub>2</sub> H7 Bore with keyway		d <sub>3</sub>		d <sub>4</sub> max.	l <sub>1</sub>		l <sub>2</sub>	l <sub>3</sub>		l <sub>4</sub>	r	w min.	Ø Handle	Coupling
	GN 000.4	GN 000.5	GN 000.4	GN 000.5		GN 000.4	GN 000.5		GN 000.4	GN 000.5					GN 000.4 GN 000.5
125	K 12	-	28	29	17	28,5	42	18	5	12	67,5	54	4	23	Gr. 1
140	K 12	-	28	29	17	28,5	42	19	5	12	67,5	61	4	23	Gr. 1
140	K 14	K 16	32	33	21	32,5	48	19	6	14	67,5	61	4	23	Gr. 2
160	K 14	K 16	32	33	21	32,5	48	20	6	14	82,5	71	4	26	Gr. 2
200	K 18	K 20	38	39	26	36,5	50	24	6	13	82,5	89	4	26	Gr. 3
250	K 22	-	45	46	30	47,5	54	28	12	13	92,5	113	4	28	Gr. 4

**Specification**

- Handwheels see following page respectively standard sheets
- Coupling elements
  - Coupling attachments GN 000.4 → Page 206
  - Coupling attachments GN 000.5 → Page 207
- Keway P9 DIN 6885/2 → Page 1421
- ISO-Fundamental tolerances → Page 1479
- RoHS

**Information**

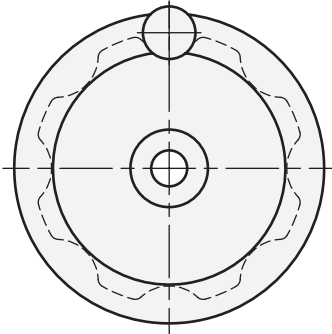
The use of coupling attachments in handwheels other than specified on this sheet is also possible.

see also...

- More information to safety handwheels → Page 202 / 203
- Countersunk washers GN 184 (for axial fixing) → Page 814

\* Insert the code-no. of the desired handwheels (here in How to order: GN 321).

How to order	<b>1</b> d <sub>1</sub>
	<b>2</b> d <sub>2</sub>
<b>GN321.4-160-K16-D-ZI</b>	<b>3</b> Type
	<b>4</b> Mode

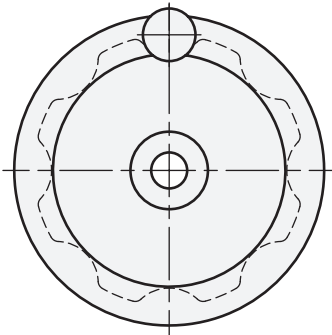


**Disc handwheels GN 321** → Page 188

Aluminum  
Rim polished

**Revolving handles GN 598** → Page 35

Steel  
plastic coated  
black, textured finish

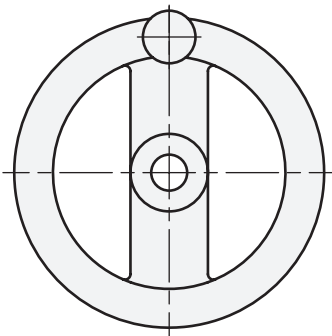


**Disc handwheels GN 323** → Page 188

Aluminum  
plastic coated  
black, textured finish

**Revolving handles GN 598** → Page 35

Steel  
plastic coated  
black, textured finish



**Spoked handwheels GN 322** → Page 176

Aluminum  
Rim polished

**Revolving handles GN 598** → Page 35

Steel  
plastic coated  
black, textured finish

1.1

1.2

1.3

1.4

2.1

2.2

2.3

2.4

