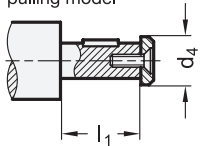


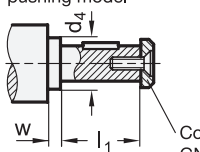
Shaft design for pulling model



Engage by pulling



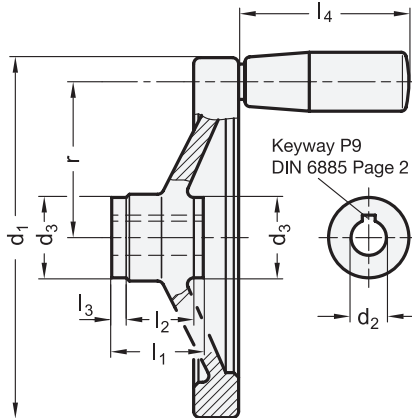
Shaft design for pushing model



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 ₁	d ₂ H7 Bore with keyway GN 000.4 GN 000.5	d ₃		d ₄ max.	l ₁		l ₂	l ₃		l ₄	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							
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 272
 - Coupling Attachments GN 000.5 → Page 273
- Keyway P9 DIN 6885 Page 2 → Page 2079
- ISO Fundamental Tolerances → Page 2151
- RoHS

Information

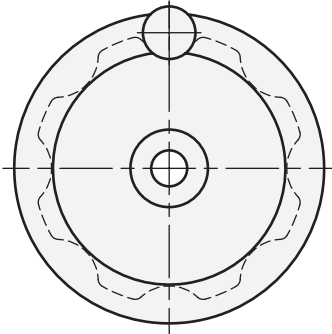
The use of coupling attachments in handwheels other than specified on this sheet is also possible.

see also...

- More Information to Safety Handwheels → Page 268
- Countersunk Washers GN 184 (for Axial Fixing) → Page 1090

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

How to order	1 d ₁
	2 d ₂
GN 321.4-160-K16-D-ZI	3 Type
	4 Coding

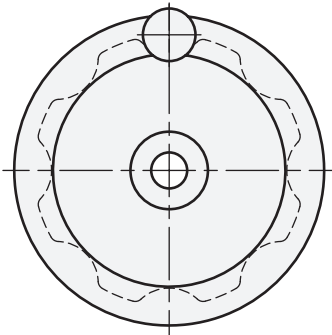


Disc Handwheels GN 321 → Page 252

Aluminum
Rim polished

Revolving Handles GN 598 → Page 38

Steel
Powder coated
Black, textured finish

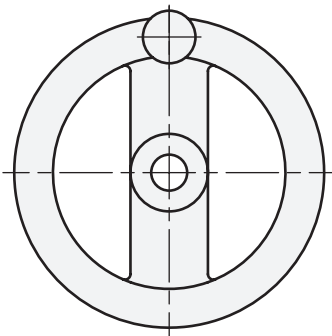


Disc Handwheels GN 323 → Page 252

Aluminum
Powder coated
Black, textured finish

Revolving Handles GN 598 → Page 38

Steel
Powder coated
Black, textured finish



Spoked Handwheels GN 322 → Page 240

Aluminum
Rim polished

Revolving Handles GN 598 → Page 38

Steel
Powder coated
Black, textured finish

1.1

1.2

1.3

1.4

2.1

2.2

2.3

2.4

