

## Coupling Attachments

Steel, for Safety Handwheels, with Needle Bearings

### SPECIFICATION

#### Steel

- Hardened
- Bearing surfaces ground

### INFORMATION

The use of needle bearings and the hardened bearing surfaces make the clutch engagement extremely easy. This is also assisted by the finer teeth of the clutch and the increased length of the coupling attachment.

Its suitability for high shaft speeds, especially when these are maintained for long periods, is a further advantage of the needle bearing.

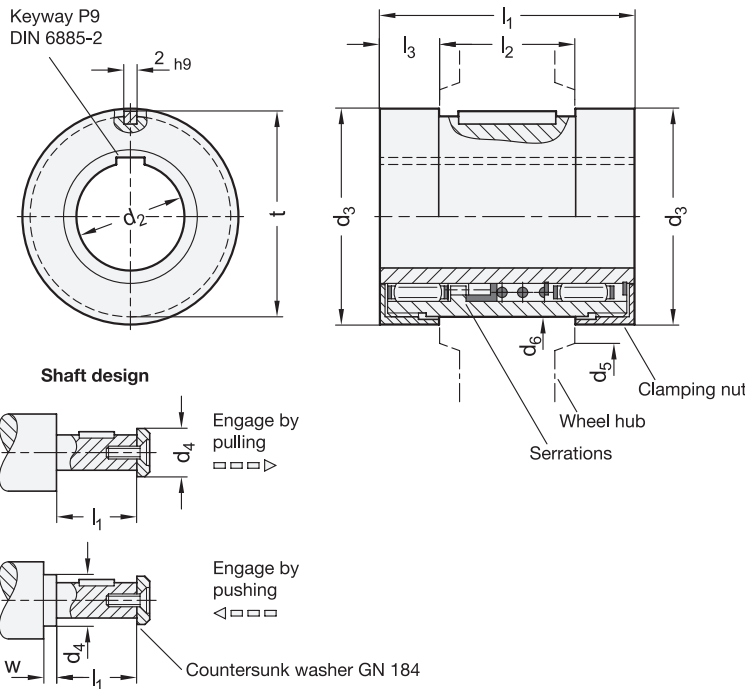
An oil-hole is provided which in the completely assembled safety handwheel connects with the handwheel hub.

The coupling attachment is axially secured in the handwheel hub by a clamp nut.



### TECHNICAL INFORMATION

- More Information to Safety Handwheels (see page 133)
- Keyway P9 DIN 6885-2
- ISO-Fundamental Tolerances (see page A21)



### GN 000.5

Description	Nominal size	d <sub>1</sub> Handwheel GN 321 GN 322 GN 323	d <sub>2</sub> H7 Bore with keyway	d <sub>3</sub>	d <sub>4</sub> max.	d <sub>5</sub> Minimum Ø of handwheel hub	d <sub>6</sub> -0.03 Bore diameter of handwheel hub H7	l <sub>1</sub>	l <sub>2</sub> ±0.1 Length of handwheel hub	l <sub>3</sub>	t	w min.	
GN 000.5-1-K12	1	125   140	K 12	29	17	29	25	42	18   19	12	26	4	130
GN 000.5-2-K14	2	140   160	K 14	33	21	33	29	48	19   20	14	30	4	193
GN 000.5-3-K18	3	200	K 18	39	26	39	35	50	24	13	36	4	275
GN 000.5-4-K22	4	250	K 22	46	30	46	41	54	28	13	42	4	390