

- 3 Type**
- A Without handle
  - D With revolving handle
- 4 Identification no.**
- 1 With bearing bushing
  - 2 With centring ring

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub> H7 Bore with keyway				b	l <sub>1</sub>	l <sub>2</sub>	r	Ø Handle
	K 14	K 16	K 18	K 20					
160 6.30	K 14	K 16	K 18	K 20	18 0.71	66 2.60	82.5 3.25	71 2.80	26 1.02
200 7.87	K 14	K 16	K 18	K 20	20.5 0.81	68 2.68	82.5 3.25	89 3.50	26 1.02

**Specification**

- Aluminum  
Rim turned and highly polished on all sides
- Coupling attachments
  - Steel, surface hardened
  - Bearing surface ground resp. PTFE coated
  - Bearing steel flange, blackened finish
- Revolving handle GN 598 → page 38
  - Plastic
  - Duroplast (Phenolic PF)
  - Black, shiny finish
  - Threaded spindle
  - Steel, zinc plated, blue passivated finish
- Keyways DIN 6885 Page 2 → page 2041
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

**Information**

GN 327 safety clutch handwheels feature the ultimate in health and safety at work standards because the handwheel, if disengaged, is mounted on a fixed component, the bearing flange. The wheel is fully disengaged from the rotating shaft.

The bearing flange can also accept the bearing of the shaft via the bearing bushing (code no. 1). This bearing bushing is a dry bearing (DU bushing). Normally, the shaft has a separate bearing and the bearing bushing serves to center the bearing flange.

Centering can also be effected by a centering ring (code no. 2) if the appropriate bore hole has been made at the machine side. In this case there is no need for the bearing bushings and no bearing friction (heating) will occur.

see also...

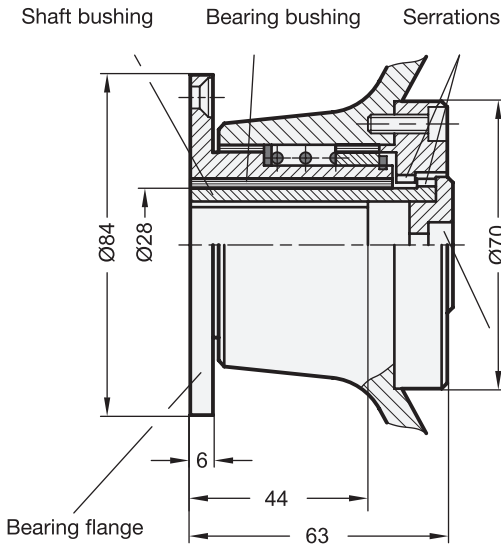
- More Information on Safety Clutch Handwheels → page 264

How to order	1 Handwheel diameter d <sub>1</sub>
	2 Bore with keyway d <sub>2</sub>
	3 Type
	4 Identification no.

**GN 327-160-K14-A-1**

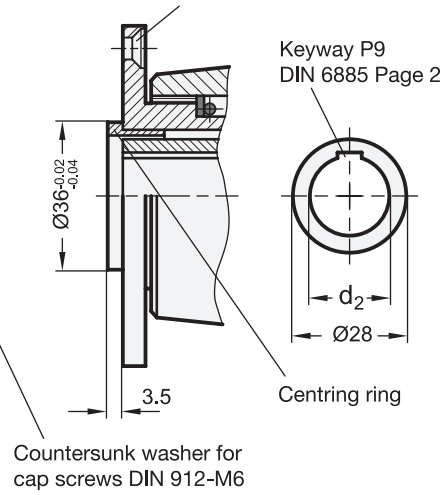
**Details hub with coupling attachments**

**with bearing bushing: Identification no. 1**

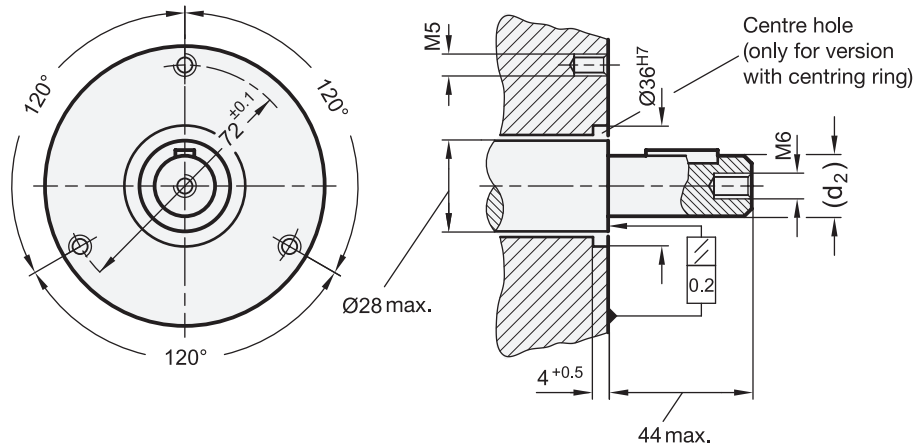


**with centring ring: Identification no. 2**

3 bores for countersunk screws DIN 7991-M5



**Specification of shaft and dimensions**



**Assembly instructions**

Shaft bushing and countersunk washer are delivered in two separate components. Before assembly, make sure that the shaft bushing can be pushed smoothly and free-moving over the shaft.

Proper function is guaranteed only if:

- shaft bushing and bearing surface are level with each other
- the shaft axis lies at a right angle to the bearing surface on the machine side.

Design with bearing bushing (identification no. 1)

Push the handwheel and the shaft bushing over the shaft at the same time, bolt down the bearing flange, and fix the shaft bushing axially with the countersunk washer.

Design with centering ring (identification no. 2)

The handwheel can be bolted through the centering ring immediately above the bearing flange. Then push the shaft bushing onto the shaft and fix it axially with the countersunk washer.