

- 3

Type
- A

 Without handle
- D

 With revolving handle
- 4

Identification no.
- 1

 With bearing bushing
- 2

 With centering ring

<div>1</div> <div>2</div> <div>d₁</div> <div>d₂ H7</div> <div>Bore with keyway</div>					b	l ₁	l ₂	r	Ø
									Handle
160	K 14	K 16	K 18	K 20	18	66	82,5	71	26
200	K 14	K 16	K 18	K 20	20,5	68	82,5	89	26

Specification

Wheel body

Aluminum

• Hub machined

• Rim

- Turned on all sides

- Highly polished

Coupling elements

Steel

• Nitrided

• Bearing surface ground resp. PTFE-coated

• Bearing flange blackened

Revolving handle GN 598

Plastic, phenolic resin (PF)

• Black, shiny finish

• Spindle steel

- Zinc plated, blue passivated

RoHS	<div>Safety handwheels GN 327 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.</div> <div>The bearing flange can also support the shaft via the bearing bushing (Identification no.1). This bearing bushing is a dry bearing (DU bushing). As a general rule, however, the shaft is supported separately and the bearing bushing is used to center the bearing flange.</div> <div>Centering can also be effected by a centering ring (identification 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.</div> <div><div>Technical Information</div><div>Mounting information</div><div>More Information to Safety Handwheels</div><div>Keyway P9 DIN 6885-2</div><div>ISO Fundamental Tolerances</div><div>Plastic Characteristics</div></div> <div><div>Accessory</div><div>GN 184 Countersunk Washers (for Axial Fastening)</div></div>	<div>Page</div> <div>QVX</div> <div>QVX</div> <div>QVX</div> <div>QVX</div> <div>QVX</div> <div>QVX</div>
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How to order

1

2

3

4

GN327-160-K16-A-1

1

d₁

2

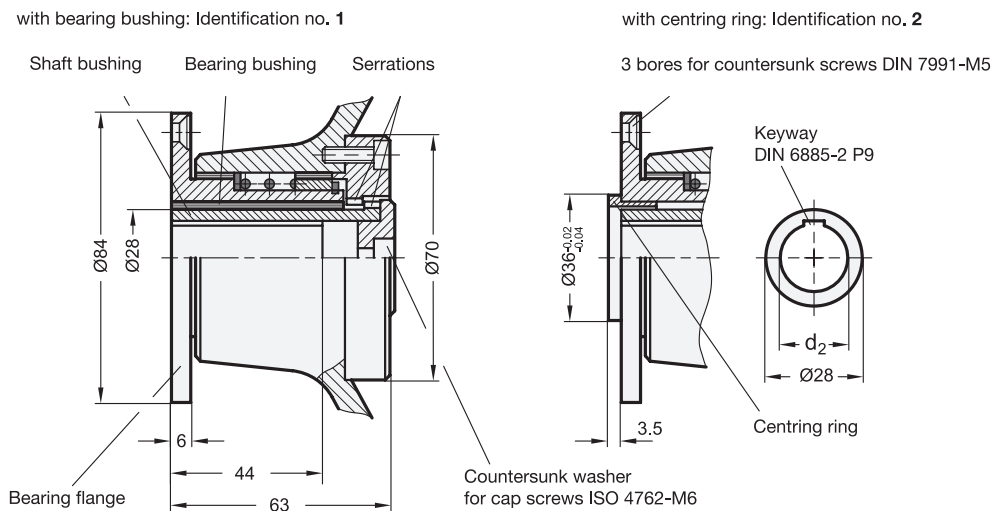
d₂

3

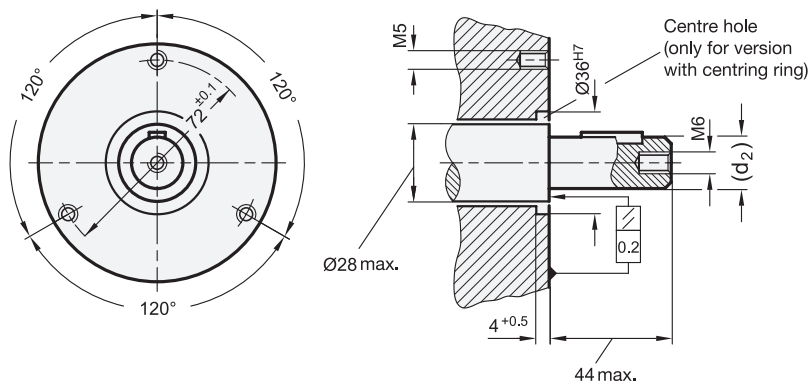
Type

4

Identification no.



Specification of shaft and dimensions



Assembly Instruction

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 only guaranteed if on the machine side:

- the shaft collar and contact surface are level with each other
- the shaft axis is at right angles to the contact surface.

Design with bearing bushing (Identification no. 1)

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

Design with centring ring (Identification no. 2)

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