

**Please read the Installation and Operational Instructions carefully  
and follow them accordingly!**

Ignoring these Instructions may lead to malfunctions or to clutch failure, resulting in damage to other parts.

## Please Observe!

This supplement may only be used together with the **Installation and Operational Instructions B.4.14.GB** for **EAS®-Compact®** clutches.

If required, you can **download** file **B.4.14.GB** on our website [www.mayr.de](http://www.mayr.de) or order it by mail.

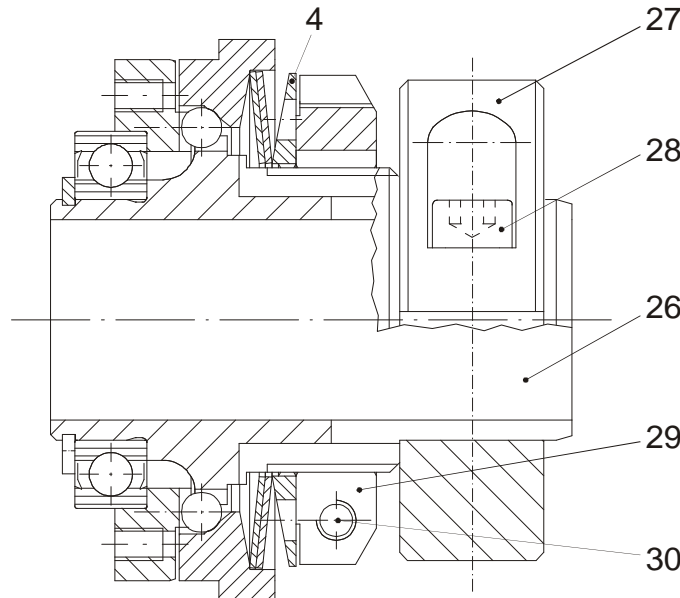


Fig. 1

## Parts List:

(See Parts List B.4.14.GB for parts which are not listed here)

- 4 Locking ring
- 26 Hub for clamping ring (slotted)
- 27 Clamping ring
- 28 Cap screw for clamping ring
- 29 Adjusting nut with radial clamping
- 30 Cap screw for adjusting nut

## Mounting the Device onto the Shaft

- The clamping ring hub (Item 26) force is transmitted via frictional locking.
- The contact surfaces between the clamping ring (Item 27) and the hub (Item 26) are greased manufacturer-side.
- The shafts must not have a keyway.
- Shaft surface: finely turned or ground ( $R_a = 0,8 \mu\text{m}$ )
- Shaft material: yield point 350 N/mm<sup>2</sup>, e.g. St60, St70, C45 or C60
- The hub bores and shaft ends must be completely grease-free during assembly.
- Greasy or oily bores or shafts do not transmit the clutch torque indicated on order.
- Hub (Item 26) and clamping ring (Item 27) must be completely relaxed; if necessary, loosen the cap screw (Item 28) by several thread turns.
- Mount the clutch or clutch hub onto the shaft using a suitable mounting device and bring it in the correct position.
- Tighten the cap screw (Item 28) to the torque indicated in Table 1 using a torque wrench.

## Torque Adjustment (Sizes 01 – 3)

- Calculate the necessary torque using the formula below in percent of the maximum adjustment value (see B.4.14.GB)

$$\frac{\text{Necessary torque adjustment}}{\text{Max. torque adjustment (acc. B.4.14.GB)}} \times 100 = \text{adjustment in \%}$$

- Loosen the locking screw (Item 30) from the adjusting nut (Item 29).
- Turn the adjusting nut (Item 29) clockwise or anti-clockwise according to the adjustment scale engraved on the circumference using a hook wrench until the required torque is reached.
- The required torque results from the overlapping of the marking on the locking ring (Item 4) and the percentage on the adjusting nut (Item 29).
- Paint the cap screw (Item 30) with Loctite 243 and screw it in the adjusting nut (Item 29) as protection against twisting (using the torque according to Table 1).

Table 1

EAS®-Compact	Size	01	0	1	2	3
Tightening torque cap screw (Item 28)	[Nm]	16	40	79	135	220
Tightening torque cap screw (Item 30)	[Nm]	3	5	9,5	9,5	23