RoHS



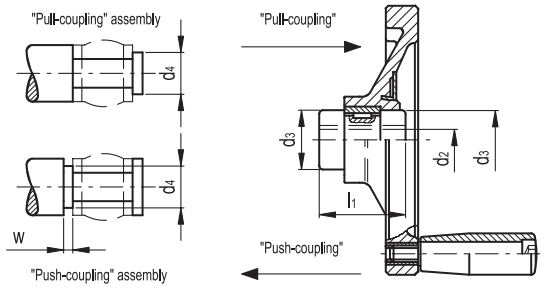
## MATERIAL
Hardened steel with ground sliding surfaces.

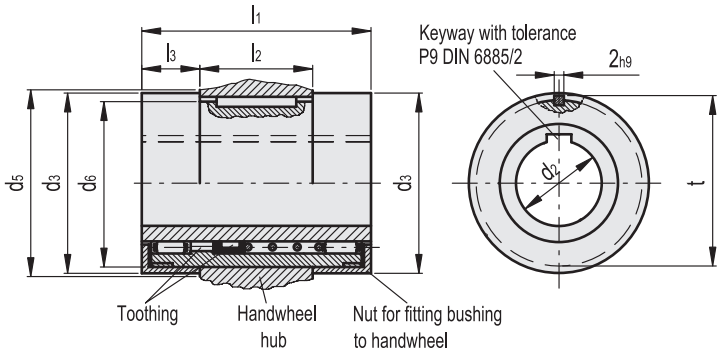
## ASSEMBLY TO SHAFT
Black-oxide steel bosses with H7 reamed hole and keyway in compliance with DIN 6885/2 tolerance P9 (see page A-15).

## SPECIAL EXECUTIONS ON REQUEST
GN 000.4 without bearings with Teflon ® coated (registered trademark by DuPont Dow Elastomers) sliding surfaces.

## FEATURES AND APPLICATIONS
GN 000.5 safety coupling bushings are designed in accordance with accident prevention rules: in case of push or accidental pressure when the machine is operating, the handwheel is disengaged. Two roller bearings guarantee a smooth coupling to the shaft. The two toothed elements inside the bushing fit into each other in order to couple the handwheel to the shaft. The handwheel returns automatically to its rest position when it is released after the operation. Moreover, it is particularly suitable on shafts with a high number of turns since friction is reduced to a minimum and therefore the handwheel is not entrained by the rotation. GN 000.5 safety coupling bushings are suitable for assembly on handwheels in order to guarantee maximum accident prevention safety.

## ASSEMBLY INSTRUCTIONS INTO THE HANDWHEEL
Make a H7 reamed hole in the hub (see table) and a keyway for coupling. Remove the threaded nut of the bushing; insert the supplied keyway in its hole; insert the bushing into the hub and screw-on the nut. A "Push-coupling" or a "Pull-coupling" are possible following two different ways of assembling the bushing (see drawing).
Lubrication is possible through the special holes.




| Code | Description | d2 H7 | d3 | * d4 max | # d5 | d6 -0.05 | l1 | * l2 ±0.1 | l3 | t | wmin | ⚖ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GN.11751 | GN 000.5-1-K12 | 12 | 29 | 17 | 29 | 25 | 42 | 18 | 12 | 26 | 4 | 126 |
| GN.11761 | GN 000.5-2-K14 | 14 | 33 | 21 | 33 | 29 | 48 | 20 | 14 | 30 | 4 | 194 |
| GN.11771 | GN 000.5-3-K18 | 18 | 39 | 26 | 39 | 35 | 50 | 24 | 13 | 36 | 4 | 275 |
| GN.11781 | GN 000.5-4-K22 | 22 | 46 | 30 | 46 | 41 | 54 | 28 | 13 | 42 | 4 | 390 |

*Diameter d4 and length l2 of the coupling are located within the hub of the handwheel (H7 reamed hole).
# Minimum handwheel hub diameter.



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Ganter Norm