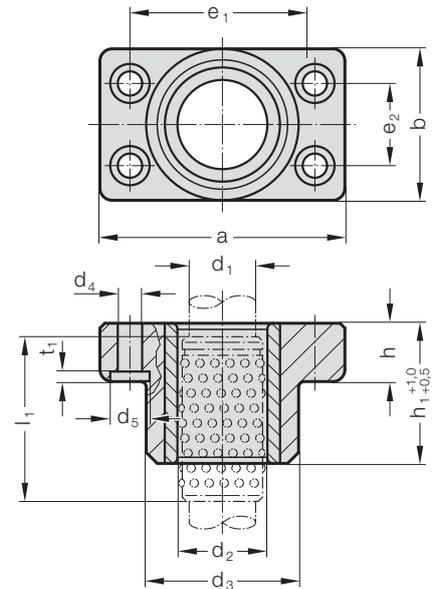


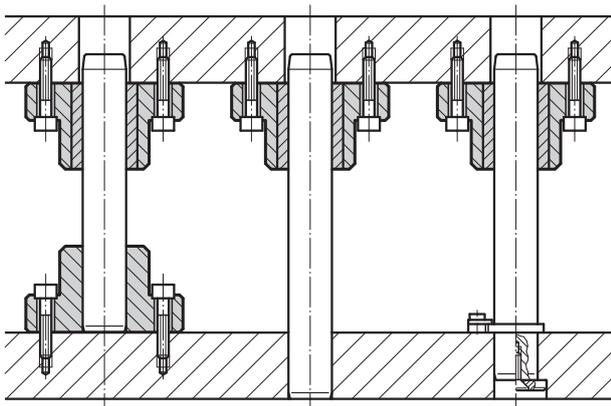
# GUIDE BEARING WITH SCREW HOLES, FOR BALL BEARING GUIDE



2031.42.



## Mounting example



## Material:

Basic body: Special cast iron

Guide bush 2061.44.: Tool steel, Hardness: 62 ± 2 HRC

## Execution:

Face and top machined. Bores honed.

## Note:

- ☞ Notes on ball bearing type guides at the beginning of chapter D.
- ☞ Preloading see pairing classification at the beginning of chapter D
- ☞ Matching guide combinations, see selection matrix at the beginning of chapter D.

Tolerance range:

yellow = .10

green = .20

red = .30

## 2031.42. Guide bearing with screw holes, for ball bearing guide

d <sub>1</sub>	15 16	19 20	24 25	30 32	38 40	48 50	60 63
d <sub>2</sub>	21 22	25 26	30 31	38 40	46 48	56 58	68 71
d <sub>3</sub>	35	45	50	65	80	96	110
d <sub>4</sub>	6.6	9	9	11	14	18	18
d <sub>5</sub>	11	15	15	18	20	26	26
f <sub>1</sub>	3	3	3	3	3	4	4
a	70	85	90	115	130	160	180
b	35	45	50	65	80	96	110
e <sub>1</sub>	53	64	68	83	95	118	132
e <sub>2</sub>	19	24	28	34	45	55	62
h	18	18	22	25	30	35	35
h <sub>1</sub>	30	37	47	60	77	95	120
l <sub>1</sub>	44	44	56	70	95	120	140
l*	45	45	56	71	95	120	140

\*l = Nominal ordering length of ball cage - preferred length

## Ordering Code (example):

Guide bearing with screw holes, for ball bearing guide = 2031.42.

Diameter of conduit d<sub>1</sub> = 32 mm = 032.

Classification TOL = yellow = 10

Order No = 2031.42. 032. 10