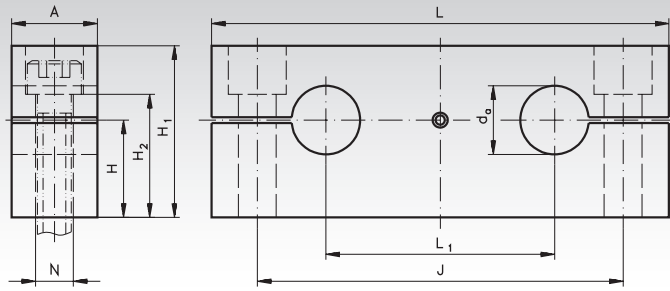


## Precision Double Shaft Blocks GWD-3 ISO Series 3



**Material:** Extruded aluminium.

Matching quadro linear-bearing units KGQ-3 of the ISO Series 3, page 488.

Robust machine elements to attach the guiding shafts of the linear bearings. They allow true to size and cost efficient constructions.

Ordering Details: e.g.: Product No. 646 412 02, Precision Shaft Block GWD-3 for Shaft-Ø 12 mm

Product No.	$d_a$ mm	A mm	$H_{\pm 0,02}$ mm	$H_1$ mm	$H_2$ mm	$J_{\pm 0,02}$ mm	L mm	$L_1$ mm	N* mm	Weight g
646 412 02	12	14	18	32	23,5	70	85	42	6,6	90
646 416 02	16	18	20	37	26,5	82	100	54	9	140
646 420 02	20	20	25	46	32,5	108	130	72	11	250
646 425 02	25	25	30	56	40	132	160	88	13,5	470
646 430 02	30	25	35	64	48	150	180	96	13,5	620
646 440 02	40	30	44	80	59	190	230	122	17,5	1150
646 450 02	50	30	52	96	75	240	280	152	17,5	1700

\* For cylindrical screws with Allen screw according to DIN 912 or ISO 4762.

Shaft steel page 466.



**Collars**  
page 570



**Retaining Rings**  
DIN 471 / DIN 472  
page 582

