

## Linear Stage 5101.05

- compact linear stage for the positioning of light samples or mountings
- multi-axis positioning systems possible by simple combination of stages
- wear resistant delta bronze spindle nut
- especially suitable for the adjustment of slit screens of the series 3000
- grounded and tempered thread spindle (self-locking)
- robust surfaces through galvanic natural-anodising treatment

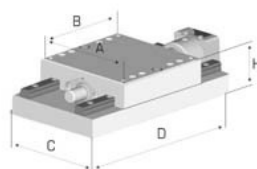
## Maximum load:

$F_x$ [N]:	50
$F_y$ [N]:	50
$F_{z\uparrow}$ [N]:	50
$F_{z\downarrow}$ [N]:	50
$\Sigma F$ [N]:	( $\leq$ ) 50
$M_x$ [Nm]:	4 [ $=F_y \times (z+0.010)$ ] **
$M_y$ [Nm]:	5.5 [ $=F_x \times (z+0.010)$ ] **
$M_z$ [Nm]:	4
$\Sigma M$ [Nm]:	( $\leq$ ) 6

\*\* z: distance from mounting surface to centre of gravity of load [m]

\* adaptor required: M301.301-001

## Dimensions [mm]:



A:	B:	C:	D:	H:
43	30	43	88	29

## Specifications:

Travel range [mm]:	30*
Material (base/slide):	Aluminium

Spindle pitch [mm]:	1
Max. load $F_z \downarrow$ [N]:	50
Min. drive torque [Nm]:	0.02
Weight [kg]:	0.25

\* optional: extended or shortened travel range

online 3D available in main image on the left

