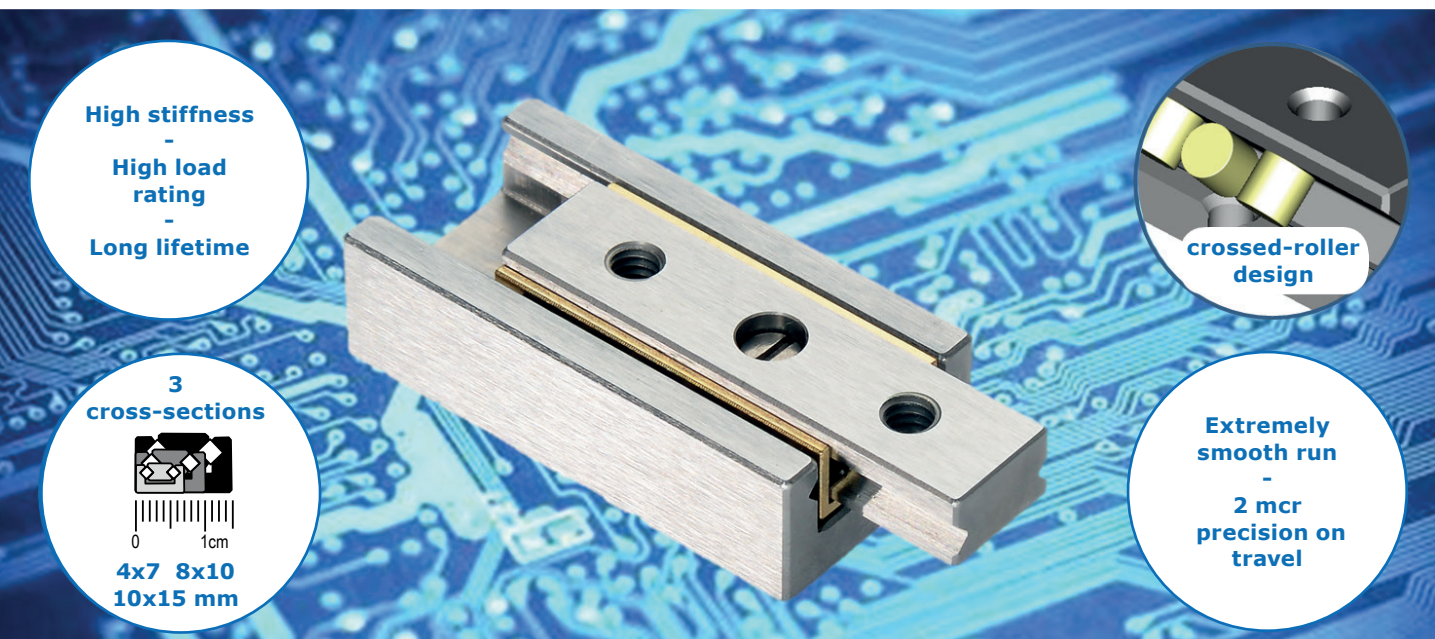


MICRO-SLIDE® – High Precision Miniature Linear Bearings



The **Micro-Slide®** is the latest development of our high precision linear bearings product family. It suits all applications which require a highly precise and dynamic short stroke motion on the smallest possible footprint.

The **Micro-Slide®** is available in 3 cross-sections and length from 10 to 100mm. With many optional features and specific designs it covers a very broad range of applications.

The **Micro-Table®** is a two axis linear table with a highly precise x-y motion on an extremely small footprint.

Key features

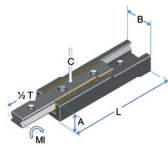
- excellent load-to-footprint ratio
- suitable for high speed movements
- robust and stiff crossed roller design
- high precision on travel and geometry
- very smooth, low resistance motion
- anti cage-creep as standard
- cage-control mechanism (optional)
- long lifetime

Applications

- high speed/high precision semiconductor manufacturing equipment
- medical devices and laboratory equipment
- optical devices
- mikro-machining and -automation
- vacuum and cleanroom equipment

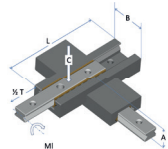
PRODUCT SPECIFICATION

Micro-Slide® Specifications



Product	Heigt A (mm)	Widht B (mm)	Lenght L (mm)	Travel T (mm)	Lead Force C (N)	Load Moment MI (Ncm)	Weight (g)	Precision of movement (mcr)
Micro-SLIDE® X15	4	7	10	5	120	65	2	2
			15	10	160	100	3	2
			20	15	200	135	4	2
			25	20	240	165	5	2
Micro-SLIDE® X20	6	10	15	5	260	220	5	2
			20	10	330	295	7	2
			25	15	390	370	10	2
			30	20	460	440	12	3
			35	25	520	515	14	3
			40	30	590	585	17	3
			45	35	655	655	19	3
Micro-SLIDE® X30	8	15	30	20	520	625	28	2
			40	30	630	780	36	3
			50	40	730	940	45	3
			60	50	830	1095	54	3
			70	60	925	1240	64	4
			80	70	1030	1395	73	4
			90	80	1135	1550	82	4
			100	90	1250	1712	91	4

Micro-Table® Specifications



Product	Heigt A (mm)	Widht B (mm)	Lenght L (mm)	Travel T (mm)	Lead Force C (N)	Load Moment MI (Ncm)	Weight (g)	Precision of movement (mcr)
Micro-TABLE® XY15	5	7	15	10	160	100	3	2
			25	20	240	165	5	2
Micro-TABLE® XY20	8.5	10	20	10	330	295	7	2
			30	20	460	440	12	3
Micro-TABLE® XY30	10	15	40	30	630	780	36	3
			50	40	730	940	45	3
			60	50	830	1095	54	3
			80	70	1030	1395	73	4

Options

- SK** Ball bearings
- ACC** Cage control system
- TOL** Tight tolerances

Broad range of special options and customer specific designs on request.