

Item description/product images

**Description****Material:**

EN-GJL-250

Version:

Bright, ground.

Note:

These high-precision carriage guides are used to build machines and mechanical systems, metrology devices for the optical industry and in precision mechanical engineering, for example. The central set screw M1 can be replaced by a clamping lever 06460.

The stated permissible load values (F) are designed for dynamic loads with a service life of 1 million lifting operations.

For static loads, 10 times the table value F is permitted.

The torque values apply only to centred slides.

An additional centring hole is located at holes D2 and D3 on the top of the slide. Other connecting elements can be precisely mounted on the slide in combination with our centring rings 20240.

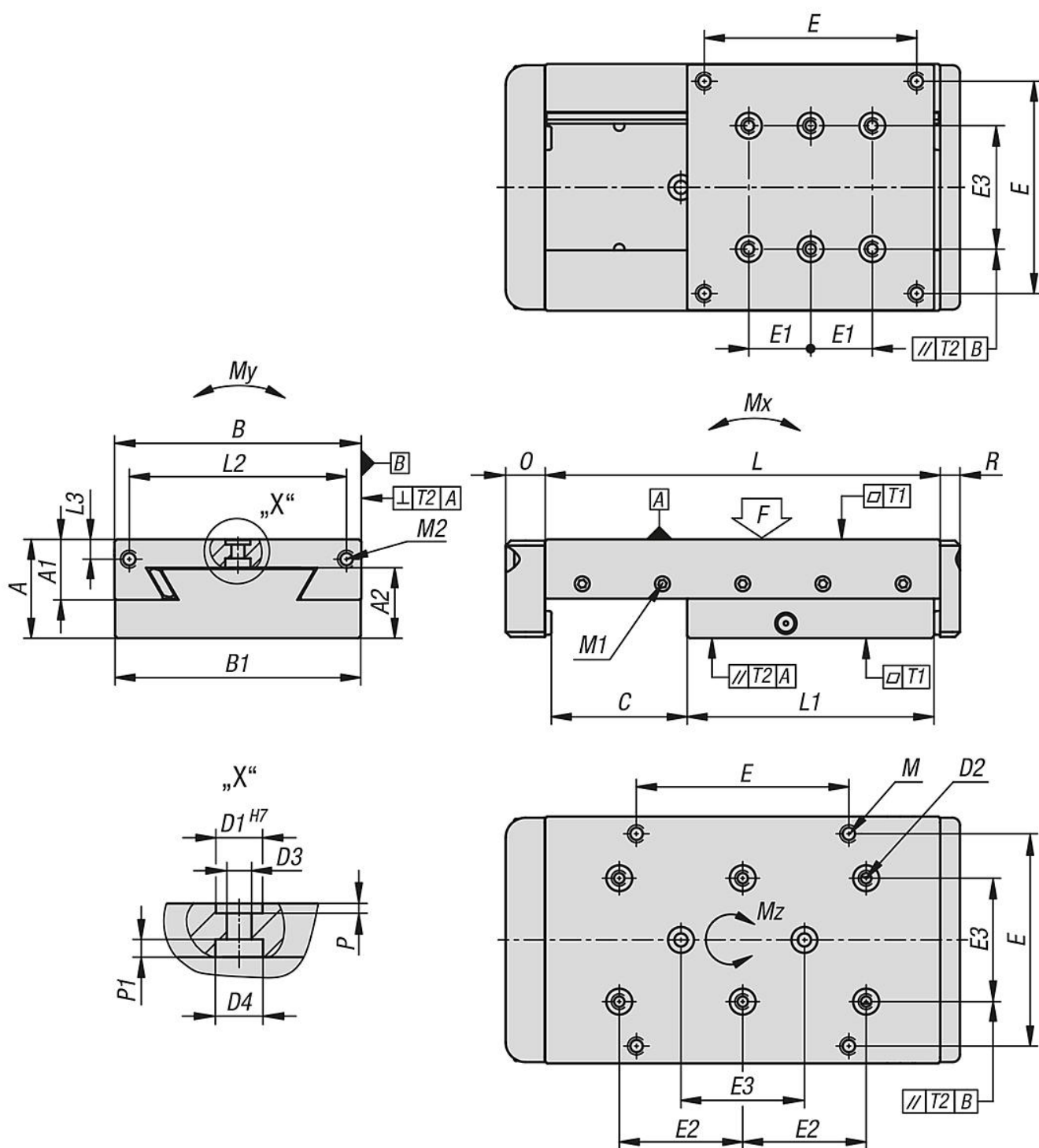
TI E = number of fastening holes E/M in the internal part.

TA E = number of fastening holes E/M in the external part.

TI E1 = number of fastening holes E1/D1 in the internal part.

TA E1 = number of fastening holes E1/D1 in the external part.

Drawings



Overview of items

Order No.	A	A1	A2	B	B1	C	D1	D2	D3	D4	E	E1	E2	E3	TI E	TA E	TI E1	TA E1
21061-050080	25	15	17,5	50	49,5	29	7	M4	4,3	8,2	-	14	28	28	-	-	6	6
21061-050105	25	15	17,5	50	49,5	54	7	M4	4,3	8,2	-	14	28	28	-	-	6	8
21061-050180	25	15	17,5	50	49,5	77	7	M4	4,3	8,2	-	28	28	28	-	-	6	12
21061-050205	25	15	17,5	50	49,5	102	7	M4	4,3	8,2	28	28	28	28	4	-	6	12
21061-075105	32	19,5	22	75	74,5	27	10	M5	5,3	10	62	25	25	50	4	4	6	6
21061-075130	32	19,5	22	75	74,5	52	10	M5	5,3	10	62	25	25	50	4	4	6	10

Overview of items

Order No.	A	A1	A2	B	B1	C	D1	D2	D3	D4	E	E1	E2	E3	TI E	TA E	TI E1	TA E1
21061-075155	32	19,5	22	75	74,5	77	10	M5	5,3	10	62	25	25	50	4	4	6	10
21061-075180	32	19,5	22	75	74,5	72	10	M5	5,3	10	62	25	25	50	4	4	6	14
21061-100135	40	24	28	100	99,5	32	10	M5	5,3	10,2	86	25	50	50	4	4	6	6
21061-100160	40	24	28	100	99,5	57	10	M5	5,3	10,2	86	25	50	50	4	4	6	6
21061-100260	40	24	28	100	99,5	108	10	M5	5,3	10,2	86	50	50	50	4	6	6	10

Order No.	L	L1	L2	L3	P	P1	O	R	M	M1	M2	T1	T2	F N	Mx Nm	My Nm	Mz Nm
21061-050080	80	48	40	5,5	1,6	3,2	15,5	8	-	M5	M4	0,02	0,02	110	2	6	2
21061-050105	105	48	40	5,5	1,6	3,2	15,5	8	-	M5	M4	0,02	0,02	60	2	6	2
21061-050180	180	100	40	5,5	1,6	3,2	15,5	8	-	M5	M4	0,025	0,025	120	4	9	4
21061-050205	205	100	40	5,5	1,6	3,2	15,5	8	M4	M5	M4	0,03	0,03	110	4	9	4
21061-075105	105	75	60	5,5	2,1	3,6	16	8	M5	M5	M5	0,02	0,02	290	5	19	6
21061-075130	130	75	60	5,5	2,1	3,6	16	8	M5	M5	M5	0,025	0,025	165	5	19	6
21061-075155	155	75	60	5,5	2,1	3,6	16	8	M5	M5	M5	0,025	0,025	110	5	19	6
21061-075180	180	105	60	5,5	2,1	3,6	16	8	M5	M5	M5	0,025	0,025	190	5	19	6
21061-100135	135	100	88	8	2,1	3,8	16	8	M6	M6	M6	0,025	0,025	590	11	43	12
21061-100160	160	100	88	8	2,1	3,8	16	8	M6	M6	M6	0,025	0,025	350	11	43	12
21061-100260	260	149	88	8	2,1	3,8	16	8	M6	M6	M6	0,03	0,03	400	23	63	26