Compact cross tables, hand driven

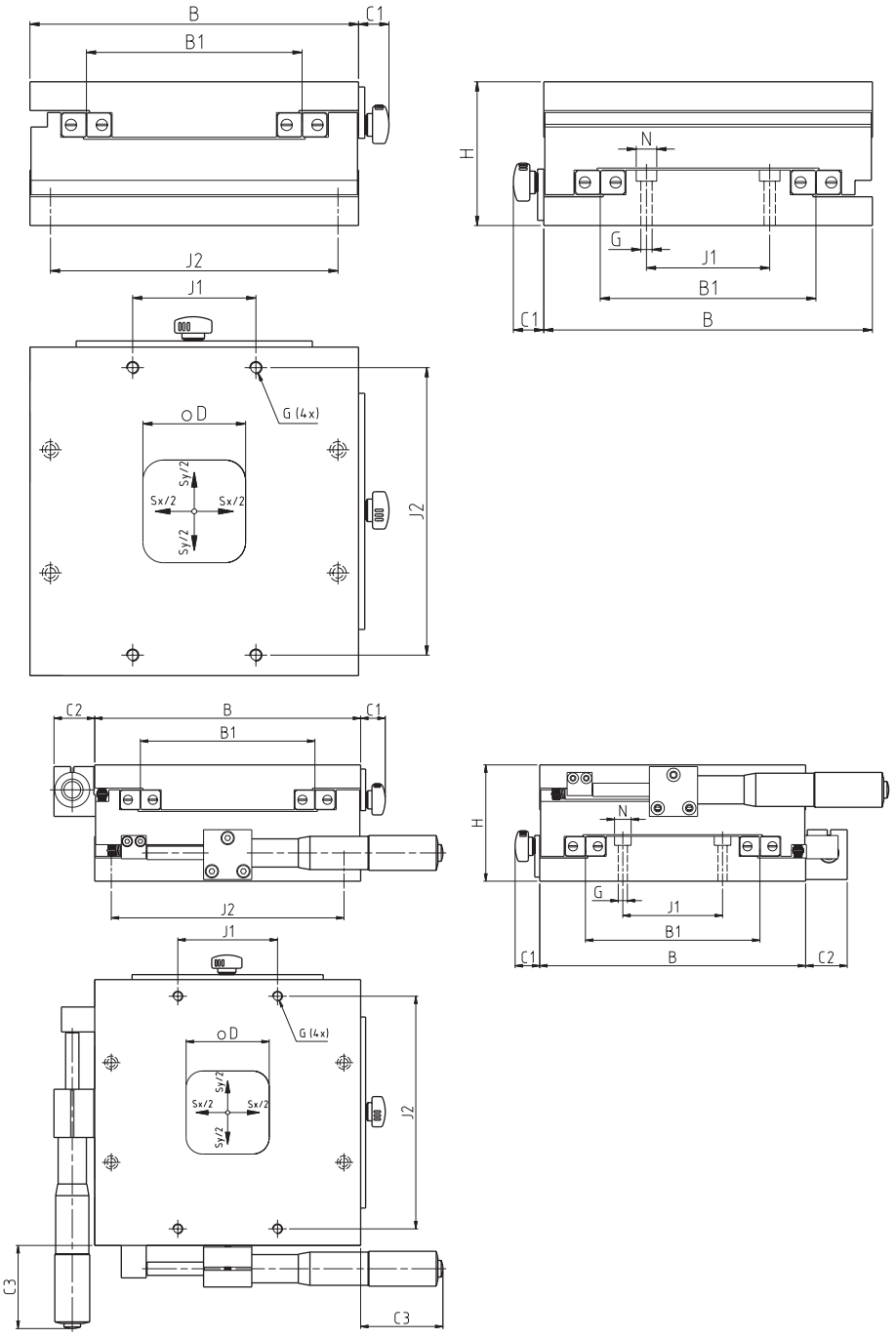


SKF

LF32EN-050930

Compact cross tables

TO / TS



Designations	Dimensions			Stroke									Load-carrying capacities	Weight
	B	H	Sx Sy	B_1	C_1	C_2	C_3	D	N	G	J_1	J_2	C_0	GA
	mm												N	kg
TO 085	85	40	50	48	16	–	–	22	Ø 4.2 / Ø 8 × 4.5 (4x)	M5	20	70	3 400	0.8
TS 085	85	40	25	48	16	22.5	33	22	–	M5	20	70	4 200	1.1
TO 160	160	70	100	105	15	–	–	50	Ø 5 / Ø 10 × 5.5 (4x)	M6	60	140	12 400	4.0
TS 160	160	70	50	105	15	25.0	50	50	–	M6	60	140	15 600	4.8

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Slides, tables and compact cross tables

Ordering key

R SS [ ] - [ ] - [ ] - [ ] - [ ][ ]

Type:
Precision slides with rail guide system, crossed rollers . . . . . R
Dovetail slides . . . . . S
Compact cross tables with rail guide system, crossed rollers . . . . . T

Versions:
Only valid for tables:
For manual operation, with micrometer knurl . . . . . SM
For manual operation, with hand crank . . . . . SK

Only valid for precision tables:
For manual operation, with micrometer knurl . . . . . SM
For manual operation, with hand crank . . . . . SK
For motor drive. . . . . SS

Only valid for compact cross tables:
For manual operation, without drive 0
For manual operation, with micrometer knurl . . . . . S

Table width B [mm] (see tables):
. . . . . 85 - 300

Length L1 or dimension Sx Sy [mm]:
L1 for dovetail and precision slides. . . . . 80 - 1010
Sx Sy for compact cross tables 025, 050, 100

Nominal stroke [mm] (not for compact cross tables):
See tables

Designation suffix if desired:
Slides or tables made of aluminium, black anodised . . . . . A
Slides with thick top: only for precision slides. . . . . D
Slides with thick top and T-slots: dovetail and precision slides . . . . . DT

Locking device for dovetail slides (standard) . . . . . AR 1
Locking device for precision slides and tables . . . . . AR 2
Locking device for compact cross tables (standard). . . . . AR 3

For motor drive only:
Preloaded planetary roller screw for RSS - slides. . . . . R

Screw diameter Ø in mm:
Precision tables for RSS - slides. . . . . 8 - 20

Screw lead:
1 - 5 mm for RSS - slides . . . . . 01 - 15

Example 1: R SS 200 - 710 - 300 - [ ] - R 1202

Example 2: R SK 50 - 080 - 025

Example 3: S SM 300 - 010 - 500 - AR1

Example 4: S SK 50 - 080 - 025 - AR1

Example 5: T 0 085 - 050 - [ ] - AR3

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