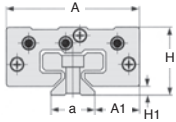
DryLin® T linear slide

TS01
TW01

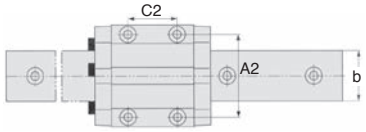
Loads up to 7000N

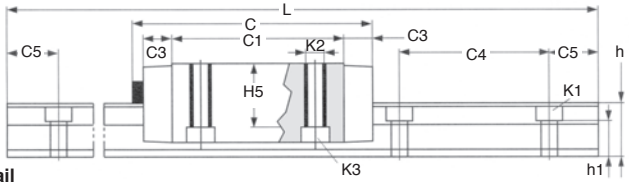
- ***Linear slide with sliding insert***
- *High static load capacity regardless of load position*
- *Max. speed: 10m/s*
- *Working temp.: -40°C to +90°C*
- *Materials:*
  Rail: anodised aluminium AlMgSi0.5
  Slide: colourless anodised aluminium AlMgSi0.5
  Sliding parts: iglidur® J
  Cover: plastic
  (All steel parts are galvanised)



Advantages

- *Silent*
- *Not sensitive to dirt or humidity*
- *Corrosion-resistant*
- *Light*
- *Withstands shocks and vibrations*
- *High resistance to wear*
- *No maintenance required*
- *Adjustable backlash*
- *Sliding element can be changed easily*





Rail

Part number	L max. (mm)	a (-0.2)	b	C4	C5 Min.	C5 max.	h	h1	K1 for screw DIN 912
TS01-15	3960	15	22	60	20	49	15,5	10,0	M4
TS01-20	3960	20	31	60	20	49	19,0	12,3	M5
TS01-25	3960	23	34	60	20	49	21,5	13,8	M6
TS01-30	3960	28	40	80	20	59	26,0	15,8	M8

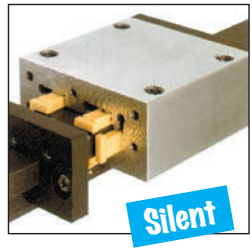
Slide

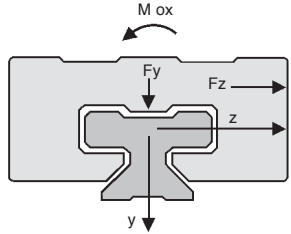
Part number	H (±0.35)	A	C max.	A1 (±0.35)	A2	C1	C2	C3	H1 (±0,35)	H5	K2 Thread	Nm (max.)	K3 for screw DIN 912
TW01-15	24	47	74	16,0	38	50	30	9	4,0	16,0	M5	1,5	M4
TW01-20	30	63	87	21,5	53	61	40	10	5,0	19,8	M6	2,5	M5
TW01-25	36	70	96	23,5	57	68	45	11	5,0	24,8	M8	6,0	M6
TW01-30	42	90	109	31,0	72	79	52	12	6,5	27,0	M10	15,0	M8

**Dimensions in mm*

Advantages

- DryLin®T slides have been designed for use in automated machines and storage systems.
- These slides can be used in many different environments. They are light, shock- resistant and silent.
- Drylin®T slides have the same physical dimensions as recirculating-ball slides.
- The linear bearings which are placed between the slide and the rail are comprised of six sliding segments in iglidur® J and are adjustable (Already pre-set in factory).
- Please note that a minimum amount of backlash is necessary for the slide to function correctly.
- Please contact us for help with design calculations, advice on the choice of slides or information on backlash adjustment or assembly.





Dynamic load

Size	F_{YMAX} (N)	F_{ZMAX} (N)	M_{OZ} (Nm)
15	2000	2000	32
20	3700	3700	85
25	5000	5000	125
30	7000	7000	200

DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-10%	On request

Part number	Standard length	(mm) I_y	(mm⁴) I_z	(mm⁴)	Weight (kg)	Type	Stock*	Price each 1 to 5
TS01-15-0500	500	6440	4290	0,30	Rail	✔	67,17 €
TS01-15-1000	1000	6440	4290	0,60	Rail	✔	112,13 €
TW01-15	-	-	-	0,11	Slide	✔	83,40 €
TS01-20-0500	500	22570	11520	0,50	Rail	✔	68,47 €
TS01-20-1000	1000	22570	11520	1,00	Rail	✔	114,74 €
TW01-20	-	-	-	0,19	Slide	✔	85,68 €
TS01-25-0500	500	34700	19300	0,65	Rail	-	79,40 €
TS01-25-1000	1000	34700	19300	1,30	Rail	✔	136,59 €
TW01-25	-	-	-	0,29	Slide	✔	105,41 €
TS01-30-0500	500	70040	40780	0,95	Rail	-	94,36 €
TS01-30-1000	1000	70040	40780	1,90	Rail	-	166,54 €
TW01-30	-	-	-	0,50	Slide	✔	110,35 €

*Depending on availability - Dimensions in mm