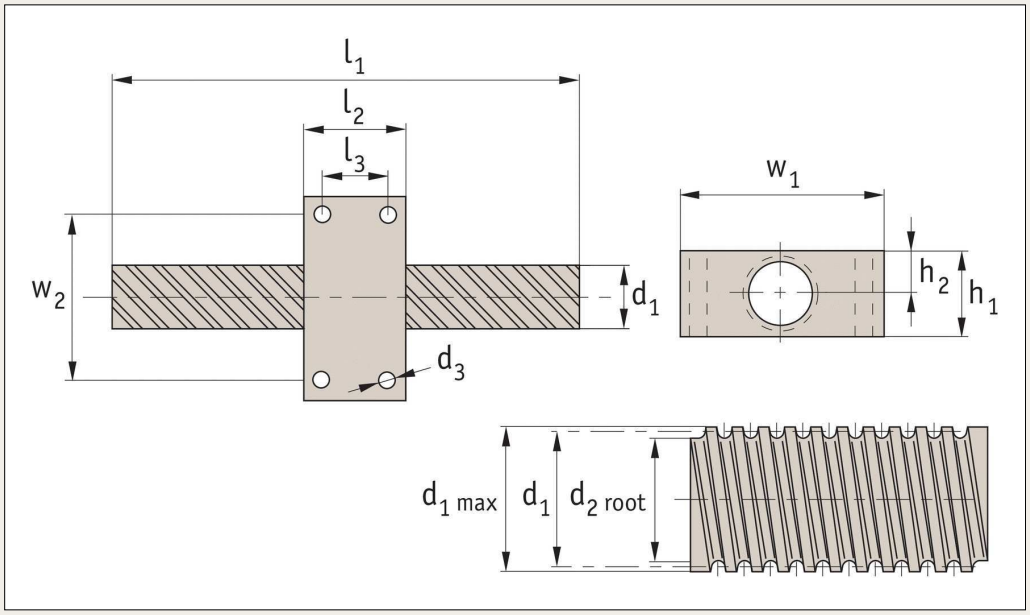
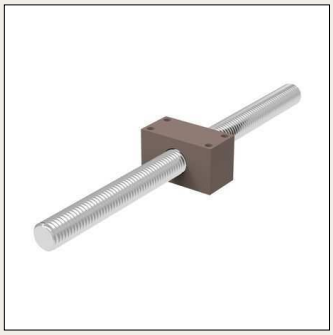
Rectangular Nut Lead Screws

precision





L1347

Material

Anodized aluminium or stainless steel (AISI 416, DIN 1,4005), thread.
Acetal resin nut.

Technical notes

High precision.
The 'lead' refers to the distance the nut will travel for one complete revolution of the thread.
* relating to l_3 dimension - supplied with one mounting hole at $l_2/2$ on each side.
Supplied with a single nut, as shown. Further nuts can be supplied but they match the individual lead screw (for best performance), so please order at the same time.
To order additional nuts, example:
Order no. L1347.NUT-04-01
Special end machining available on request.

Tips

Backlash is very low as the leadscrew itself is used to form the mating unit.
Straightness 50M/100mm.
Lead error ±50M.

Order No.	Material	d_1 nom.	Lead	l_1	w_1	w_2	l_2	l_3	d_1 max.	d_2	d_3	h_1	h_2	Efficiency %	Max. nut load Kg
L1347.S04-01	Stainless	4	1	300	33,0	25	19	*	4,71	3,29	3,4	12,5	6,25	49,5	10
L1347.A05-10	Alum.	5	10	300	33,0	25	19	*	5,71	4,59	3,4	12,5	6,25	81,8	7
L1347.A05-15	Alum.	5	15	300	33,0	25	19	*	5,71	4,64	3,4	12,5	6,25	80,1	7
L1347.S06-02	Stainless	6	2	300	33,0	25	19	*	6,71	5,29	3,4	12,5	6,25	56,4	15
L1347.S08-04	Stainless	8	4	300	33,0	25	19	*	8,71	7,29	3,4	12,5	6,25	65,4	26
L1347.S10-02	Stainless	10	2	500	44,5	35	19	*	10,71	9,29	4,5	16,0	8,00	44,0	30
L1347.S10-20	Stainless	10	20	500	44,5	35	19	*	11,52	8,47	4,5	16,0	8,00	81,8	30
L1347.S12-05	Stainless	12	5	500	46,0	36	25	15,5	12,71	11,29	4,5	19,0	9,50	61,5	50
L1347.S20-10	Stainless	20	10	1000	60,0	50	30	30,0	21.62	18,40	5,5	35,0	17,50	65,4	120