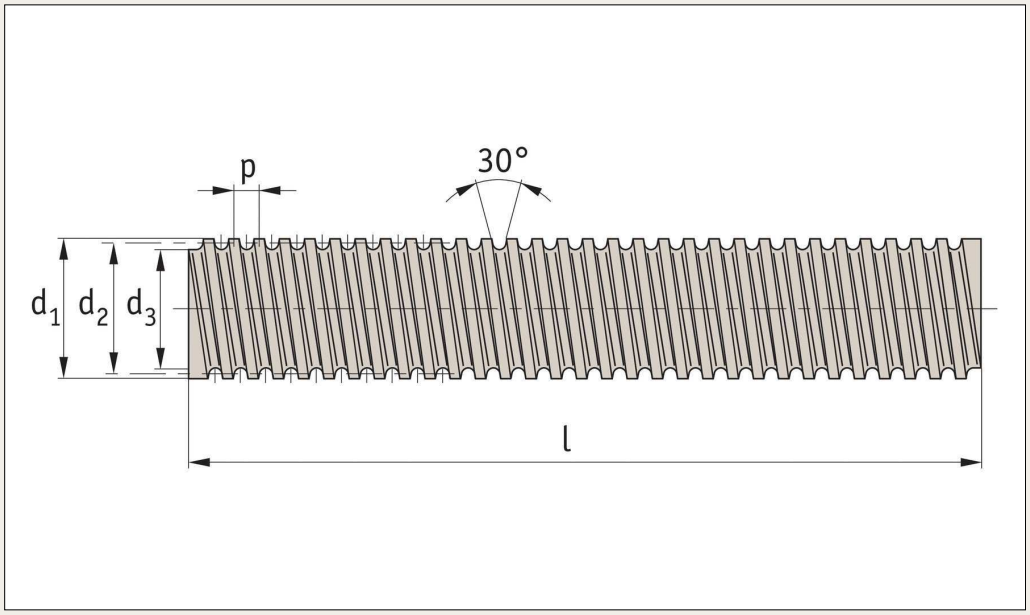
Steel Lead Screws

left hand thread



L1321

Material

Rolled trapezoidal thread, steel EN 10083-2 (C35, DIN 1.0501) or (C45, DIN 1.0503). Manufactured to ISO 2901/2903 (DIN 103).
Surface hardness approx. 250HB.

Technical notes

'Lead' refers to the distance that a nut will travel for a complete revolution of the screw.
Select a suitable lead screw nut (part nos. L1330 to L1343) to suit the lead screw - the most popular nuts are the flanged, bronze nuts part no. L1331.
Single start lead screws are less expensive than twin start lead screws.

Tips

These are left hand thread lead screws - for the standard right hand threads see part no. L1320.
For stainless steel left hand lead screws see part no. L1323.
Cutting to required length and machining of ends - on request.
Lead screw lengths of up to 6 metres can be provided for a diameter >30mm.

Order No.	Size	$d_{1\ 7e}$	Lead	p	l	No. of starts	$d_{2\ 7e}$ min.	$d_{2\ 7e}$ max.	$d_{3\ 7h}$ min.	$d_{3\ 7h}$ max.	Pitch accuracy mm/300mm	Straight-ness m/300mm	Lead angle	Kg
L1321.L10-02-1.0	TR10x2	10	2	2	1000	1	8,739	8,929	6,891	7,500	0,2	0.5	4°07'	0,48
L1321.L10-02-1.5	TR10x2	10	2	2	1500	1	8,739	8,929	6,891	7,500	0,2	0.5	4°07'	0,72
L1321.L10-02-2.0	TR10x2	10	2	2	2000	1	8,739	8,929	6,891	7,500	0,2	0.5	4°07'	0,96
L1321.L10-02-3.0	TR10x2	10	2	2	3000	1	8,739	8,929	6,891	7,500	0,2	0.5	4°07'	1,44
L1321.L12-03-1.0	TR12x3	12	3	3	1000	1	10,191	10,415	7,685	8,500	0,2	0.5	5°17'	0,65
L1321.L12-03-1.5	TR12x3	12	3	3	1500	1	10,191	10,415	7,685	8,500	0,2	0.5	5°17'	0,97
L1321.L12-03-2.0	TR12x3	12	3	3	2000	1	10,191	10,415	7,685	8,500	0,2	0.5	5°17'	1,30
L1321.L12-03-3.0	TR12x3	12	3	3	3000	1	10,191	10,415	7,685	8,500	0,2	0.5	5°17'	1,95
L1321.L14-03-1.0	TR14x3	14	3	3	1000	1	12,191	12,415	9,685	10,500	0,2	0.5	4°26'	0,93
L1321.L14-03-1.5	TR14x3	14	3	3	1500	1	12,191	12,415	9,685	10,500	0,2	0.5	4°26'	1,39
L1321.L14-03-2.0	TR14x3	14	3	3	2000	1	12,191	12,415	9,685	10,500	0,2	0.5	4°26'	1,86
L1321.L14-03-3.0	TR14x3	14	3	3	3000	1	12,191	12,415	9,685	10,500	0,2	0.5	4°26'	2,79
L1321.L16-04-1.0	TR16x4	16	4	4	1000	1	13,640	13,905	10,474	11,500	0,05	0.5	5°16'	1,17
L1321.L16-04-1.5	TR16x4	16	4	4	1500	1	13,640	13,905	10,474	11,500	0,05	0.5	5°16'	1,75
L1321.L16-04-2.0	TR16x4	16	4	4	2000	1	13,640	13,905	10,474	11,500	0,05	0.5	5°16'	2,34
L1321.L16-04-3.0	TR15x4	16	4	4	3000	1	13,640	13,905	10,474	11,500	0,05	0.5	5°16'	3,51
L1321.L18-04-1.0	TR18x4	18	4	4	1000	1	15,640	15,905	12,474	13,500	0,05	0.5	4°36'	1,52
L1321.L18-04-1.5	TR18x4	18	4	4	1500	1	15,640	15,905	12,474	13,500	0,05	0.5	4°36'	2,28
L1321.L18-04-2.0	TR18x4	18	4	4	2000	1	15,640	15,905	12,474	13,500	0,05	0.5	4°36'	3,04
L1321.L18-04-3.0	TR18x4	18	4	4	3000	1	15,640	15,905	12,474	13,500	0,05	0.5	4°36'	4,56
L1321.L20-04-1.0	TR20x4	20	4	4	1000	1	17,640	17,905	14,474	15,500	0,05	0.5	4°05'	1,94

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left hand thread

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L1321.L20-04-1.5	TR20x4	20	4	4	1500	1	17,640	17,905	14,474	15,500	0,05	0.5	4°05'	2,91
L1321.L20-04-2.0	TR20x4	20	4	4	2000	1	17,640	17,905	14,474	15,500	0,05	0.5	4°05'	3,88
L1321.L20-04-3.0	TR20x4	20	4	4	3000	1	17,640	17,905	14,474	15,500	0,05	0.5	4°05'	5,82
L1321.L22-05-1.0	TR22x5	22	5	5	1000	1	19,114	19,394	15,294	16,500	0,05	0.2	4°43'	2,29
L1321.L22-05-1.5	TR22x5	22	5	5	1500	1	19,114	19,394	15,294	16,500	0,05	0.2	4°43'	3,43
L1321.L22-05-2.0	TR22x5	22	5	5	2000	1	19,114	19,394	15,294	16,500	0,05	0.2	4°43'	4,58
L1321.L22-05-3.0	TR22x5	22	5	5	3000	1	19,114	19,394	15,294	16,500	0,05	0.2	4°43'	6,87
L1321.L24-05-1.0	TR24x5	24	5	5	1000	1	21,094	21,394	17,269	18,500	0,05	0.2	4°17'	2,78
L1321.L24-05-1.5	TR24x5	24	5	5	1500	1	21,094	21,394	17,269	18,500	0,05	0.2	4°17'	4.17
L1321.L24-05-2.0	TR24x5	24	5	5	2000	1	21,094	21,394	17,269	18,500	0,05	0.2	4°17'	5,56
L1321.L24-05-3.0	TR24x5	24	5	5	3000	1	21,094	21,394	17,269	18,500	0,05	0.2	4°17'	8,34
L1321.L26-05-1.0	TR26x5	26	5	5	1000	1	23,094	23,394	19,269	20,500	0,05	0.2	3°55'	3,32
L1321.L26-05-1.5	TR26x5	26	5	5	1500	1	23,094	23,394	19,269	25,500	0,05	0.2	3°55'	4,98
L1321.L26-05-2.0	TR26x5	26	5	5	2000	1	23,094	23,394	19,269	25,500	0,05	0.2	3°55'	6,64
L1321.L26-05-3.0	TR26x5	26	5	5	3000	1	23,094	23,394	19,269	25,500	0,05	0.2	3°55'	9,96
L1321.L28-05-1.0	TR28x5	28	5	5	1000	1	25,094	25,394	21,269	22,500	0,05	0.2	3°36'	3,90
L1321.L28-05-1.5	TR28x5	28	5	5	1500	1	25,094	25,394	21,269	22,500	0,05	0.2	3°36'	5,85
L1321.L28-05-2.0	TR28x5	28	5	5	2000	1	25,094	25,394	21,269	22,500	0,05	0.2	3°36'	7,80
L1321.L28-05-3.0	TR28x5	28	5	5	3000	1	25,094	25,394	21,269	22,500	0,05	0.2	3°36'	11,7
L1321.L30-06-1.0	TR30x6	30	6	6	1000	1	26,547	26,882	21,563	23,000	0,07	0.2	4°05'	4,35
L1321.L30-06-1.5	TR30x6	30	6	6	1500	1	26,547	26,882	21,563	23,000	0,07	0.2	4°05'	6,52
L1321.L30-06-2.0	TR30x6	30	6	6	2000	1	26,547	26,882	21,563	23,000	0,07	0.2	4°05'	8,70
L1321.L30-06-3.0	TR30x6	30	6	6	3000	1	26,547	26,882	21,563	23,000	0,07	0.2	4°05'	13,05
L1321.L32-06-1.0	TR32x6	32	6	6	1000	1	28,547	28,882	23,563	25,000	0,07	0.2	3°48'	5,03
L1321.L32-06-1.5	TR32x6	32	6	6	1500	1	28,547	28,882	23,563	25,000	0,07	0.2	3°48'	7,54
L1321.L32-06-2.0	TR32x6	32	6	6	2000	1	28,547	28,882	23,563	25,000	0,07	0.2	3°48'	10,06
L1321.L32-06-3.0	TR32x6	32	6	6	3000	1	28,547	28,882	23,563	25,000	0,07	0.2	3°48'	15,09
L1321.L36-06-1.0	TR36x6	36	6	6	1000	1	32,547	32,882	27,563	29,000	0,07	0.2	3°20'	6,54
L1321.L36-06-1.5	TR36x6	36	6	6	1500	1	32,547	32,882	27,563	29,000	0,07	0.2	3°20'	9,81
L1321.L36-06-2.0	TR36x6	36	6	6	2000	1	32,547	32,882	27,563	29,000	0,07	0.2	3°20'	13,08
L1321.L36-06-3.0	TR36x6	36	6	6	3000	1	32,547	32,882	27,563	29,000	0,07	0.2	3°20'	19,62
L1321.L40-07-1.0	TR40x7	40	7	7	1000	1	36,020	36,375	30,381	32,000	0,08	0.2	3°31'	7,98
L1321.L40-07-1.5	TR40x7	40	7	7	1500	1	36,020	36,375	30,381	32,000	0,08	0.2	3°31'	11,97
L1321.L40-07-2.0	TR40x7	40	7	7	2000	1	36,020	36,375	30,381	32,000	0,08	0.2	3°31'	15,96
L1321.L40-07-3.0	TR40x7	40	7	7	3000	1	36,020	36,375	30,381	32,000	0,08	0.2	3°31'	23,94
L1321.L44-07-1.0	TR44x7	44	7	7	1000	1	40,020	40,375	34,381	36,000	0,08	0.2	3°10'	9,58
L1321.L44-07-1.5	TR44x7	44	7	7	1500	1	40,020	40,375	34,381	36,000	0,08	0.2	3°10'	14,37
L1321.L44-07-2.0	TR44x7	44	7	7	2000	1	40,020	40,375	34,381	36,000	0,08	0.2	3°10'	19,16
L1321.L44-07-3.0	TR44x7	44	7	7	3000	1	40,020	40,375	34,381	36,000	0,08	0.2	3°10'	28,74
L1321.L50-08-1.0	TR50x8	50	8	8	1000	1	45,468	45,868	39,168	41,000	0,1	0.2	3°11'	12,69
L1321.L50-08-1.5	TR50x8	50	8	8	1500	1	45,468	45,868	39,168	41,000	0,1	0.2	3°11'	19,03
L1321.L50-08-2.0	TR50x8	50	8	8	2000	1	45,468	45,868	39,168	41,000	0,1	0.2	3°11'	25,38
L1321.L50-08-3.0	TR50x8	50	8	8	3000	1	45,468	45,868	39,168	41,000	0,1	0.2	3°11'	38,07
L1321.L60-09-1.0	TR60x9	60	9	9	1000	1	54,935	55,360	47,979	50,000	0,1	0.2	2°58'	18,49
L1321.L60-09-1.5	TR60x9	60	9	9	1500	1	54,935	55,360	47,979	50,000	0,1	0.2	2°58'	27,73
L1321.L60-09-2.0	TR60x9	60	9	9	2000	1	54,935	55,360	47,979	50,000	0,1	0.2	2°58'	36,98
L1321.L60-09-3.0	TR60x9	60	9	9	3000	1	54,935	55,360	47,979	50,000	0,1	0.2	2°58'	55,47
L1321.L70-10-1.0	TR70x10	70	10	10	1000	1	64,425	64,850	56,819	59,000	0,1	0.4	2°49'	25,62
L1321.L70-10-1.5	TR70x10	70	10	10	1500	1	64,425	64,850	56,819	59,000	0,1	0.4	2°49'	38,43
L1321.L70-10-2.0	TR70x10	70	10	10	2000	1	64,425	64,850	56,819	59,000	0,1	0.4	2°49'	51,24
L1321.L70-10-3.0	TR70x10	70	10	10	3000	1	64,425	64,850	56,819	59,000	0,1	0.4	2°49'	76,86

Steel Lead Screws

left hand thread

Order No.	Size	$d_{1\ 7e}$	Lead	p	l	No. of starts	$d_{2\ 7e}$ min.	$d_{2\ 7e}$ max.	$d_{3\ 7h}$ min.	$d_{3\ 7h}$ max.	Pitch accuracy mm/300mm	Straight-ness mm/300mm	Lead angle	Kg
L1321.L80-10-1.0	TR80x10	80	10	10	1000	1	74,425	74,850	66,819	69,000	0,1	0.4	2°27'	34,18
L1321.L80-10-1.5	TR80x10	80	10	10	1500	1	74,425	74,850	66,819	69,000	0,1	0.4	2°27'	51,27
L1321.L80-10-2.0	TR80x10	80	10	10	2000	1	74,425	74,850	66,819	69,000	0,1	0.4	2°27'	68,36
L1321.L80-10-3.0	TR80x10	80	10	10	3000	1	74,425	74,850	66,819	69,000	0,1	0.4	2°27'	102,54