KURODA JENATEC

www.kurodajenatec.com

Precision and Rolled Ball Screws

J - Series

Diameters 08mm to 63mm
Shaft Leads 1mm to 12mm

Machined and Unmachined
Ball Screw Assemblies

KURODA JENATEC

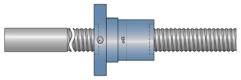
CHALLENGE & CREATE

J-Series Summary (JTs, JTb, JTe, JTm, JTi)

J-Series is a product lineup of precision engineered ball screws, with nut dimensions in standard configurations compatible with the highest quality of international standards/German DIN standards.

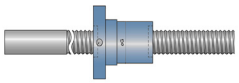
J-Series ballscrews offer a variety of diameters and leads stocked in the USA, available for immediate delivery. Shafts can be cut to length, turned, ground or machined to customer specifications.

Series:



●JTs / JTe / JTb

A range of high performance, metric, pre-loaded Grade 3 or Grade 5 single nut ball screws held in inventory in a variety of shaft diameters and leads.

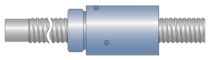


●JTi

A range of high performance, inch lead, pre-loaded, accuracy Grade 3 single nut assemblies held in inventory with unmachined shaft ends and blank soft flanges.

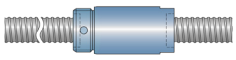
●JTm3

Precision Grade 3 accuracy miniature ball screws with light pre-load, anti-backlash and controlled backlash option.



●JTm7

Miniature Rolled Grade 7 accuracy ball screws with controlled backlash option.



●JTs7

A range of Rolled, metric, pre-loaded Grade 7 ball screws held in inventory in a variety of shaft diameters and leads. Ideal for industrial or transport applications offering high performance at an economical price.

KURODA JENATEC J-Series precision engineered ball screws are manufactured to an international grading system as shown below or to customers' own specific requirements.

Permissible Deviation Accuracy Grade (IT/C)					
Lead Accuracy	C1	C3	C4	C5	C7
Per 300mm	0.0060	0.0120	0.0160	0.0230	0.0520
Per foot	0.0002	0.0005	0.0006	0.0009	0.0020
Total travel deviation					
Lengths ≤ 1000 mm	0.0110	0.0210	0.0290	0.0400	0.0900
>1000 ≤ 2000 mm	0.0180	0.0350	0.0480	0.0650	0.1500
>2000 ≤ 3000 mm	0.0260	0.0500	0.0690	0.0930	0.2100

Note: Accuracy Grade 1 is offered by special arrangement. Accuracy Grade 3 through Grade 5 are normally acceptable for machine tool applications. Transport screws are generally not preloaded.

Specified Lead: Nominal leads may be modified to accommodate specific requirements. For example, a minus compensation will accommodate for temperature or pre-tensioning in the shaft.

Ordering Instructions (How to interpret J-Series Ball Screw model numbers)

Example: JTs3-2005R-1500x1250-AA (Standard Product with End-Machining)

Series	Accuracy Grade	Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	Thread Direction R=Right-hand (Standard) L=Left-hand	Overall Screw Shaft Length (mm)	Thread Length (mm)	S=Shaft only N=Nut only A= Assembly (shaft and nut)	Nut Style (A, B, C, D, E, F)	"SPL" Special with Options (different from Catalog)
JTs	3	20	05	R	1500	1250	A	A	
1	2	3	4	5	6	7	8	9	10

Example: JTs3-2505-1000-S (Shaft only)

Series	Accuracy Grade	Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	Thread Direction	Overall Screw Shaft Length (mm)	S=Shaft only N=Nut only A= Assembly (shaft and nut)
JTs	3	20	05	R	1200	S
1	2	3	4	5	6	8

Example: JTs3-2505R-NA(Nut only)

Series	Accuracy Grade	Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	S=Shaft only N=Nut only A= Assembly (shaft and nut)	Nut Style (A, B, C, D, E, F)
JTs	3	20	05	N	A
1	2	3	4	8	9

1 Nut Series
- **JTs** :Metric Series
- **JTb** :Metric Series
- **JTe** :Metric Insert Transfer Nut
- **JTm** :Miniature Series
- **JTi** :Imperial (Inch) Series

2 Accuracy Grade
- 1 : C1 / IT3 equilavent (Custom)
- 3 : C3 / IT3 equilavent (Standard)
- 5 : C5 / IT5 equivalent (Standard)
- 7 : C7 / IT7 equivalent (Standard)

3 Screw shaft diameter (mm)

05-80mm (Standard)
up to 125mm (Custom)

4 Lead (in Millimeters):

01-50
(.200 inches = 5.08mm)
(.250 inches = 6.35mm)
(.500 inches = 12.7mm)

5 Thread Direction:
- R : Right hand (Standard)
- L : Left hand

6 Overall Length of Screw Shaft

mm: metric, indicated by a 3 or 4-digit number

7 Thread Length

mm: metric, indicated by a 3 or 4-digit number

8 Assembly Type
- A : Assembly (Shaft and Nut)
- S : Shaft only
- N : Nut only

9 Nut Style - Interchangable Nut for all Screw Accuracy Grades
- A : **Single Nut Recirculating**
- B : **Pitch Shift**
- C : **Nose Thread**
- D : **Single Nut Insert Transfer**
- E : **Miniature Insert Transfer** (Leads, 1, 2, 2.5mm)
- F : **Miniature Nose Thread** (Lead 4mm)

10 Special with Options

(Any Specifications different from Catalog)

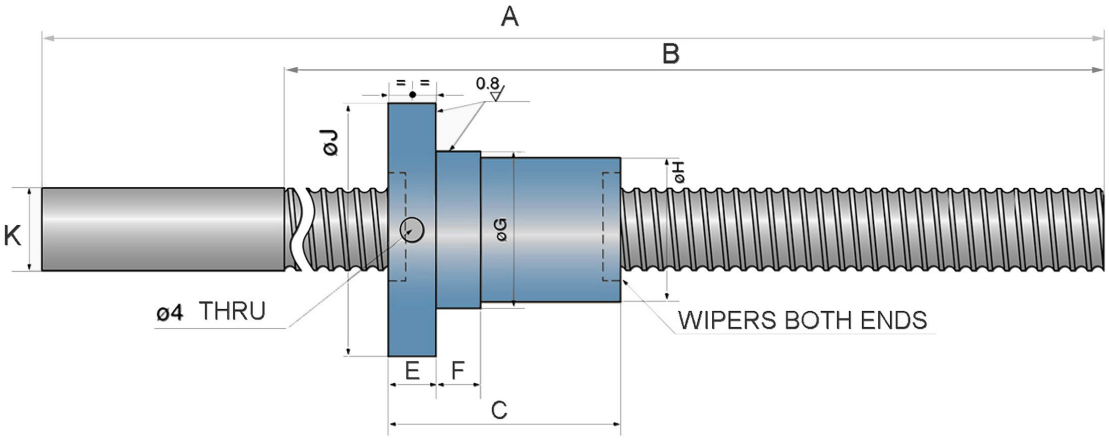
to be specified on Drawing
- : Special Ball Size
- : Special Preload
- : Special Nut Direction, ie. Flange closest to nut
- : Zero Backlash or Zero Preload

J-Series: JTs/JTb/JTe

Ground (C3) and Whirled (C5) Accuracy

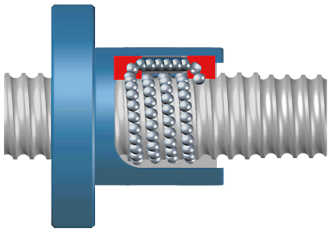
Shaft Diameters
Standard 16-80mm

Quick Delivery of Machined or Unmachined Shafts and Soft-Flange Ballnuts.
Shafts can be cut to length, turned, ground or machined.

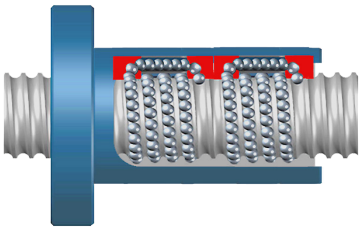


Nut Transfer System Options

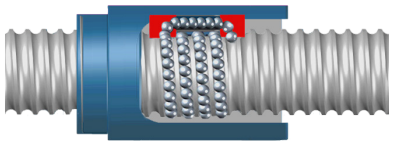
Interchangeable Ball Nut for all Screw Accuracy Grades



Nut A: Single Nut Recirculating

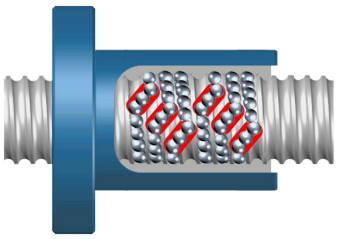


Nut B: PitchShift



*Nut C: Nose Thread

*(Please refer to JTs7 Series for Nut Dimensions)



Nut D: Single Nut Insert Transfer

Ordering Example

Series	Accuracy Grade		Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	Thread Direction R=Right-hand (Standard) L=Left-hand		Overall Screw Shaft Length (mm)		Thread Length (mm)	S=Shaft only N=Nut only A= Assembly (shaft and nut)	Nut Style (A, B, C, D, E, F)	"SPL" Special with Options (different from Catalog)
JTs	3	-	20	05	R	-	1500	X	1250	A	A	
1	2		3	4	5		6		7	8	9	10

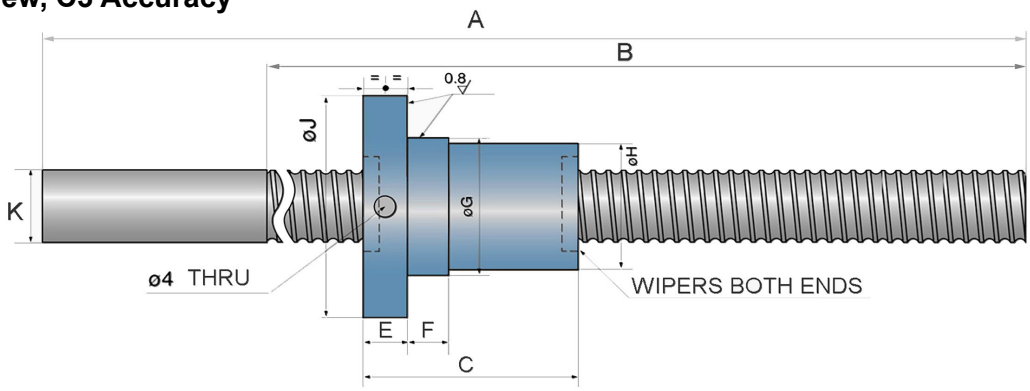
J-Series: JTs/JTb/JTe

Applications: Machine Tool, Food Processing Machines, Automation

Shaft and Nut Dimensions: **JTs / JTb / JTe Series** (C3 GROUND, C5 WHIRLED Accuracy Grade)

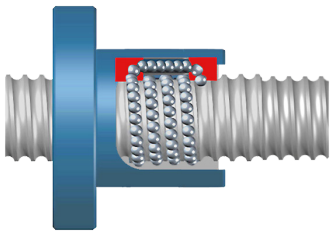
Shaft Diameter (mm)	Lead (mm)	Series	Accuracy GRADE	Max OAL mm A	THREAD Max mm B	NUT Style	OAL NUT C	E	F	REGISTER DIAMETER G	H		FLANGE DIA J (Min)	SHAFT OD K	BALL DIA	# Turns	PRE LOAD daN	PRE LOAD TORQUE daNcm	LOAD RATING DYN daN	LOAD RATING STATIC daN
16	5	JTs	3	1000	800	A or C*	40	10	10	27,993...27,980	28	0.2 0.3	56	15	3.000	3	42	0.3	840	1290
16	10	JTs	3	1000	800	A or C*	54	10	10	27,993...27,980	28	0.2 0.3	56	15	3.000	3	43	0.3	860	1350
20	5	JTs	3	1000	800	A or C*	45	10	10	35,991...35,975	36	0.2 0.3	58	19	3.500	4	76	0.6	1520	2650
20	5	JTs	5	1500	1500	A or C*	60	10	10	35,991...35,976	36	0.2 0.4	58	19	3.500	4	76	0.8	1520	2650
20	10	JTs	3	1200	1000	A	46	10	10	35,991...35,975	36	0.2 0.4	58	19	3.500	3	58	0.5	1170	1970
25	5	JTs	3	1200	1000	A or C*	46	10	10	39,991...39,975	40	0.2 0.4	65	24	3.500	4	84	0.8	1680	3290
25	5	JTs	5	2700	2700	A or C*	46	10	10	39,991...39,976	40	0.2 0.4	65	24	3.500	4	84	0.8	1680	3290
25	5	JTb	3	3000	2700	A	49	10	10	37.991...37.977	38	0.2 0.4	65	24	3.500	4	84	0.8	1680	3290
25	10	JTs	3	1200	1000	A or C*	72	10	10	39,991...39,975	40	0.2 0.4	65	24	3.500	2+2	111	1.1	1100	2070
25	10	JTs	5	2700	2700	A or C*	72	10	10	39,991...39,975	40	0.2 0.4	65	24	3.500	2+2	111	1.1	1100	2070
28	6	JTs	3	1200	1000	B	92	12	10	43,991...43,975	44	0.2 0.4	68	27	3.500	4+4	220	2.5	2200	4800
32	5	JTs	3	1700	1500	B or C*	83	12	10	49,991...49,975	50	0.2 0.4	80	31	3.500	4+4	227	2.9	2260	5370
32	5	JTs	5	2700	2700	B or C*	83	12	10	49,991...49,975	50	0.2 0.4	80	31	3.500	4+4	227	2.9	2260	5370
32	5	JTb	3	3000	2700	A	49	12	10	47.991...47.975	48	0.2 0.4	80	31	3.500	4	93	1.2	1870	4250
32	6	JTs	3	1700	1500	B	92	12	10	49,991...49,975	50	0.2 0.4	90	31	4.500	4+4	320	4.1	3200	6900
32	8	JTs	3	1700	1500	B	106	12	12	49,991...49,975	50	0.2 0.4	90	31	4.500	4+4	320	4.1	3200	6900
32	10	JTs	3	1700	1500	B or C*	117	12	16	49,991...49,975	50	0.2 0.4	90	31	3.500	4+4	225	2.9	2260	5370
32	10	JTs-H	3	3000	2700	B	137	12	16	54,990...54,971	55	0.2 0.4	93	30	6.000	4+4	454	5.8	4540	8710
32	10	JTs	5	2700	2700	B or C*	97	12	16	49,991...49,975	50	0.2 0.4	90	31	3.500	3+3	176	2.2	1760	4010
32	12	JTs	3	1700	1500	B	117	12	16	49,991...49,975	50	0.2 0.4	90	31	3.500	4+4	225	2.9	2260	5370
32	12	JTe	3	1700	1500	D	92	12	16	49,991...49,975	50	0.2 0.4	90	31	3.500	4	92	1.2	1850	4210
40	5	JTs	3, 5	2200	2000	B or C*	86	15	10	54,990...54,971	55	0.2 0.4	93	39	3.500	4+4	249	4	2490	6770
40	6	JTe	3, 5	2200	2000	D	74	14	10	55.990...55.971	56	0.2 0.4	93	39	4.500	6	200	3.3	4008	10120
40	8	JTe	3	2200	2000	D	94	14	12	55.990...55.971	56	0.2 0.4	93	39	4.500	6	200	3.3	4008	10110
40	10	JTs	3	2200	2000	B or C*	138	15	16	62,990...62,971	63	0.2 0.4	100	38	6.000	4+4	527	8.4	5290	11630
40	10	JTb	3, 5	3000	2700	A	79	15	16	62,990...62,971	63	0.2 0.4	95	38	6.000	4	217	3.5	4340	9180
40	12	JTs	3	2200	2000	B	158	14	16	62,990...62,971	63	0.2 0.4	100	38	6.000	4+4	530	8.5	5300	11600
40	16	JTs	3	2200	2000	B	174	14	20	62,990...62,971	63	0.2 0.4	100	38	6.000	4+4	530	8.5	5300	11600
40	20	JTs	3	2200	2000	B or C*	124	14	20	62,990...62,971	63	0.2 0.4	100	38	6.000	2+2	287	4.6	2870	5760
40	40	JTs	5	3000	2700	B	126	20	20	62,990...62,971	63	0.2 0.4	96	38	6.000	2	112	1.8	2250	4390
50	5	JTs	3	2700	2500	B	88	15	16	74,990...74,971	75	0.2 0.4	115	49	3.500	4+4	273	5.5	2730	8570
50	5	JTs	5	2700	2700	B	88	15	16	74,990...74,971	75	0.2 0.4	115	49	3.500	4+4	273	5.5	2730	8570
50	8	JTs	3	2700	2500	B	132	16	12	71,990...71,971	72	0.2 0.4	115	48	6.000	4+4	580	11.6	5800	14600
50	10	JTs	3	2700	2500	B or C*	143	18	16	74,990...74,971	75	0.2 0.4	115	48	7.144	4+4	738	14.8	7400	17400
50	10	JTs	5	2700	2700	B or C*	143	18	16	74,990...74,971	75	0.2 0.4	115	48	7.144	4+4	738	14.8	7400	17400
50	10	JTe	3	2700	2500	D	108	16	16	71.990 ...71.971	72	0.2 0.4	115	48	7.144	6	430	8.6	8600	20550
50	12	JTs	3	2700	2500	B or C*	164	18	16	74,990...74,971	75	0.2 0.4	115	48	7.144	4+4	738	14.7	7400	17350
50	12	JTs	5	2700	2700	B or C*	164	18	16	74,990...74,971	75	0.2 0.4	115	48	7.144	4+4	738	14.7	7400	17350
50	20	JTs	3	2700	2500	B	170	16	26	84,988...84,966	85	0.2 0.4	125	48	9.000	3+3	760	15.2	7600	15600
50	20	JTs	5	3200	3200	B	170	16	26	84,988...84,966	85	0.2 0.4	125	48	9.000	3+3	760	15.2	7600	15600
63	5	JTe	3, 5	3500	3300	D	78	18	10	89,988...89,966	90	0.2 0.4	130	62	3.500	8	224	5.7	4490	17320
63	10	JTs	3	3500	3300	B or C*	164	18	16	89,988...89,966	90	0.2 0.4	139	61	7.144	5+5	973	24.6	9730	26950
63	10	JTb	3	3500	3300	A or C*	102	18	16	84.988...84.966	85	0.2 0.4	125	61	7.144	5	400	10.0	8000	21300
63	10	JTe	3.5	3500	3300	D	108	18	16	89,988...89,966	90	0.2 0.4	139	61	7.144	6	470	11.8	9400	25510
63	12	JTs	3, 5	3500	3300	B or C*	170	20	16	94,990...94,966	95	0.2 0.4	144	61	9.000	4+4	1120	28.2	11200	27500
63	12	JTe	3	3500	3300	D	140	20	16	89.988...89.966	90	0.2 0.4	144	61	9.000	6	469	11.8	13050	32580
80	10	JTs	3	3500	3300	B	148	20	16	104,988...104,966	105	0.2 0.4	147	76	7.144	4+4	905	29.0	9050	28200
80	12	JTs	5	3700	3700	B	170	20	20	104,988...104,966	105	0.2 0.4	147	76	7.144	4+4	903	29.0	9030	28210
80	20	JTs	3	5000	4800	B	172	25	25	124,986...124,961	125	0.2 0.4	167	76	12.700	3+3	1500	48.0	15000	35200
80	20	JTs	5	4800	4800	B	172	25	25	124,986...124,961	125	0.2 0.4	167	76	12.700	3+3	1500	48.0	15000	35200

*C - Refer to JTs7 Specifications for Nose Thread Nut dimensions
JTs-H = High Load
Additional Diameters (up to Ø125 mm) and Leads Available as Custom

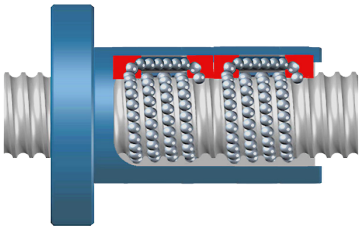


Nut Transfer System Options

Interchangeable Ball Nut for all Screw Accuracy Grades



Nut A: Single Nut Recirculating



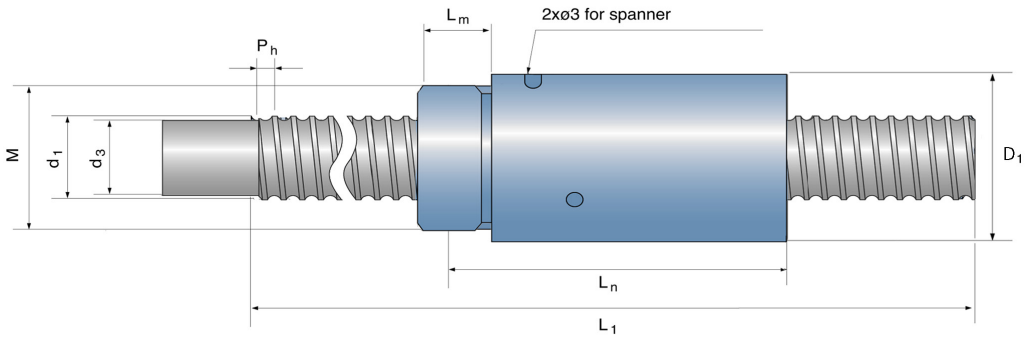
Nut B: PitchShift

Inch Series converted to Metric Diameters

Shaft Diameter (mm)	Lead (mm)	Series	Accuracy Grade	Max OAL mm A	THREAD Max mm B	NUT STYLE	OAL NUT C	E	F	REGISTER DIAMETER G	H		FLANGE DIAM Ø J (Min)	SHAFT OD K	BALL DIAM Ø	# OF TURNS	PRE LOAD daN	PRE LOAD TORQUE daNcm	LOAD RATING DYN daN	LOAD RATING STATIC daN
16	5.08	JTi	3	700	600	A	40	10	10	27,993…27,980	28	0.2 0.3	54	15	3.0	3	42	0.3	840	1290
20	5.08	JTi	3	850	750	A	42	10	10	35,991…35,975	36	0.2 0.3	60	19	3.5	3	60	0.5	1200	1990
25	5.08	JTi	3	1350	1200	A	42	10	10	39,991…39,975	40	0.2 0.3	73	24	3.5	3	65	0.6	1310	2470
25	6.35	JTi	3	1350	1200	A	46	10	10	39,991…39,975	40	0.2 0.3	73	24	3.5	3	65	0.6	1310	2470
32	5.08	JTi	3	2000	1850	B	73	12	10	49,991…49,975	50	0.2 0.3	80	31	3.5	3+3	177	2.3	1770	4030
32	6.35	JTi	3	1350	1200	B	81	14	16	49,991…49,975	50	0.2 0.3	80	31	4.5	3+3	250	3.2	2500	5170
32	12.70	JTi	3	2200	2000	B	118	12	16	49,991…49,975	50	0.2 0.4	80	31	4.5	3+3	248	3.2	2480	5130
38	5.08	JTi	3	2000	1850	B	73	12	10	55,990…55,971	56	0.2 0.3	87	39	3.5	4+4	249	4	2490	6770
38	6.35	JTi	3	2000	1850	B	95	14	16	62,990…62,971	56	0.2 0.3	87	39	4.5	3+3	350	5.5	3500	8550
50	5.08	JTi	3	2650	2450	B	88	16	16	74,990…74,971	75	0.2 0.3	106	49	3.5	4+4	273	5.5	2730	8570
50	6.35	JTi	3	2650	2450	B	97	16	16	74,990…74,971	75	0.2 0.3	110	49	4.5	3+3	386	7.7	3860	10870
57	12.70	JTi	3	3200	3000	B	173	18	16	91,988…91,966	92	0.2 0.3	132	55	9.0	4+4	1032	23.5	10320	23620

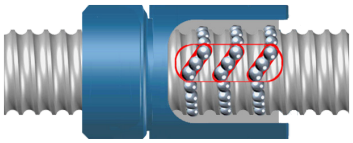
Ordering Example

Series	Accuracy Grade		Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	Thread Direction R=Right-hand (Standard) L=Left-hand		Overall Screw Shaft Length (mm)		Thread Length (mm)	S=Shaft only N=Nut only A= Assembly (shaft and nut)	Nut Style (A, B, C, D, E, F)	"SPL" Special with Options (different from Catalog)
JTi	3	-	20	5.08	R	-	850	X	740	A	A	
1	2		3	4	5		6		7	8	9	10

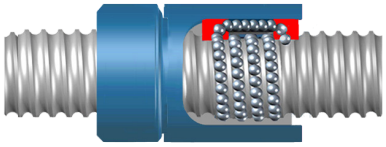


Nut Transfer System Options

Interchangeable Ball Nut for all Screw Accuracy Grades



Nut E: Miniature Insert Transfer
(Leads 1, 2, 2.5mm)



Nut F: Miniature Nose Thread
(Lead 4mm)

Shaft Diameter (mm)	Lead (mm)	Series	Accuracy Grade	NUT STYLE	Max length (mm)	L_1 (mm)	L_n (mm)	L_m (mm)	D_1 (mm)	d_1 (mm)	d_3 (mm)	M	WIPERS	AXIAL PLAY MAX	LOAD RATING DYN daN	LOAD RATING STATIC daN
06	010	JTm	3	E	150	120	21	6	14.5	5.9	5.3	M12X1	NO	x	70	100
08	010	JTm	3	E	330	300	26	8	16.5	8	7.4	M14X1	NO	x	120	200
08	020	JTm	3	E	330	300	27	8	16.5	8	6.9	M14X1	NO	x	190	240
08	025	JTm	3	E	330	300	32	8	16.5	8	6.9	M14X1	NO	x	190	240
10	020	JTm	3	E	400	380	27	8	20.5	9.8	8.7	M17X1	NO	x	210	300
10	025	JTm	3	E	400	380	32	8	20.5	9.8	8.2	M17X1	NO	x	310	400
12	020	JTm	3	E	400	380	29	10	22	11.8	10.7	M18X1	NO	x	240	380
12	025	JTm	3	F	400	380	36	10	26	11.8	10.2	M22X1	YES	x	360	530
12	040	JTm	3	F	400	380	36	10	26	11.8	10.2	M22X1	YES	x	360	530
12	050	JTm	3	E	400	380	40	10	26	11.5	9.8	M22X1	YES	x	380	560
14	020	JTm	3	E	780	750	32	10	26	13.8	12.6	M22X1	YES	x	250	450
14	040	JTm	3	F	780	750	36	10	26	13.8	12.1	M22X1	YES	x	400	650
16	020	JTm	3	E	600	500	29	10	26	15.6	14.5	M22X1	NO	x	270	510
16	025	JTm	3	E	600	500	36	10	26	15.6	14	M22X1	YES	x	430	750
16	040	JTm	3	F	600	500	36	10	28	15.4	13.4	M25X1.5	YES	x	680	1140

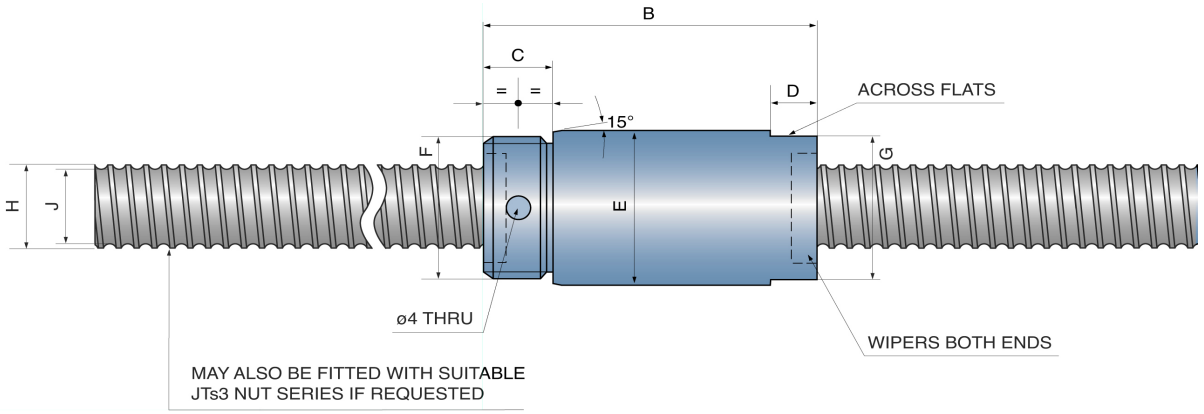
Ordering Example

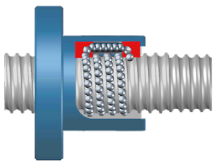
Series	Accuracy Grade		Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	Thread Direction R=Right-hand (Standard) L=Left-hand		Overall Screw Shaft Length (mm)		Thread Length (mm)	S=Shaft only N=Nut only A= Assembly (shaft and nut)	Nut Style (A, B, C, D, E, F)	"SPL" Special with Options (different from Catalog)
JTm	3	-	08	010	R	-	330	X	300	A	E	
1	2		3	4	5		6		7	8	9	10

J-Series: JTs7 Metric Rolled

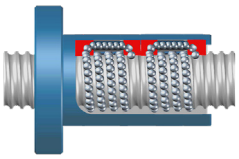
Rolled Screw, C7 Accuracy

Shaft Diameters
Standard 16-63mm

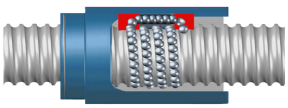




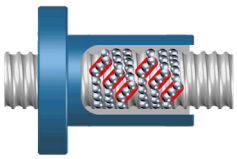
*Nut A: Single Nut Recirculating



*Nut B: PitchShift



Nut C: Nose Thread



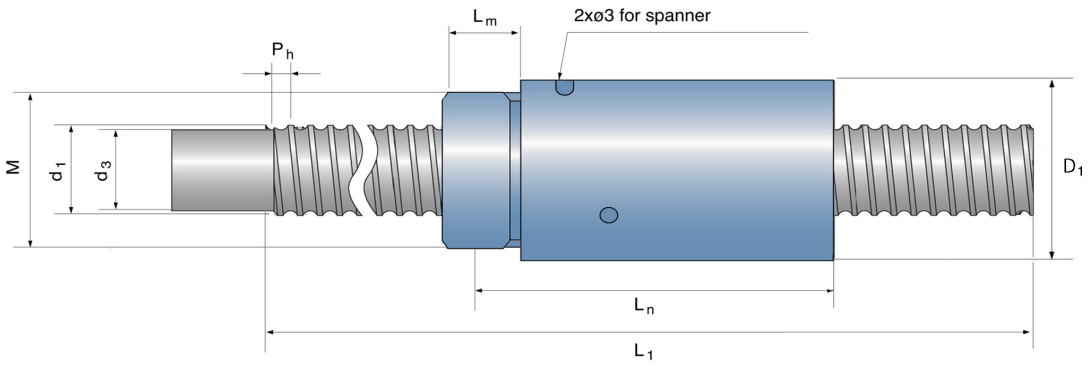
*Nut D: Single Nut Insert Transfer

Shaft Diameter (mm)	Lead (mm)	Series	Accuracy Grade	NUT STYLE	Max SCREW OAL (mm)	Max Nut OAL mm B	C (mm)	D (mm)	NUT BODY DIAM Ø (mm)	F	G	SHAFT OD H (mm)	MINOR Ø J (mm)	# TURNS	AXIAL PLAY max	LOAD RATING DYN daN	LOAD RATING STATIC daN
16	05	JTs7	7	C or A*	3600	44	12	8	30	M26x1,5	28	15	12.90	3	0.05	840	1290
16	05	JTs7-LH	7	C	3600	44	12	8	30	M26x1,5	28	15	12.90	3	0.05	840	1290
16	10	JTs7	7	C or A*	3000	47	12	8	30	M26x1,5	28	15	12.90	2	0.05	600	900
20	05	JTs7	7	C or A*	3500	52	14	8	40	M35x1,5	36	19	16.40	4	0.06	1520	2650
25	05	JTs7	7	C or A*	3600	57	19	8	45	M40x1,5	40	24	21.40	4	0.06	1680	3290
25	05	JTs7-LH	7	C	3600	57	19	8	45	M40x1,5	40	24	21.40	4	0.06	1680	3290
25	10	JTs7	7	C or A*	3600	79	19	8	45	M40x1,5	40	24	21.40	4	0.06	2300	4100
32	05	JTs7	7	C or B*	3600	57	19	8	55	M48x1,5	50	31	28.40	4	0.06	1870	4250
32	05	JTs7-LH	7	C	3700	57	19	8	55	M48x1,5	50	31	28.40	4	0.06	1870	4250
32	10	JTs7	7	C or B*	3600	85	19	8	60	M55x1,5	56	30	25.10	4	0.08	3740	6880
40	05	JTs7	7	C or B*	3600	56	19	10	60	M55x1,5	56	39	36.40	4	0.06	2050	5340
40	10	JTs7	7	C or B*	3600	90	24	10	65	M60x1,5	60	38	33.80	4	0.08	4340	9180
40	20	JTs7	7	C or B*	3600	86	24	10	65	M60x1,5	60	38	33.80	4	0.08	4280	9090
50	05	JTs7	7	C or B*	3600	76	30	12	77	M72x1,5	72	48	42.60	5	0.10	5790	14400
50	10	JTs7	7	C, *B, *D	3600	110	30	12	77	M72x1,5	72	48	42.60	5	0.10	5790	14400
50	12	JTs7	7	C or B*	3600	132	30	12	85	M72x1,5	80	48	40.60	6	0.10	8600	20500
63	10	JTs7	7	C, *B, *D	3600	110	30	12	90	M85x2	84	61	55.60	5	0.10	8050	21300
63	12	JTs7	7	C, *B, *D	3600	133	30	12	95	M85x2	90	61	53.70	6	0.10	9390	25500

*A, *B, *D - Interchangable Ball Nut for all Screw Accuracies
*Refer to JTs3 Specifications for Nut dimensions
LH refers to LEFT-HAND leads

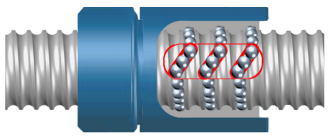
Ordering Example

Series	Accuracy Grade		Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	Thread Direction R=Right-hand (Standard) L=Left-hand		Overall Screw Shaft Length (mm)		Thread Length (mm)	S=Shaft only N=Nut only A= Assembly (shaft and nut)	Nut Style (A, B, C, D, E, F)	"SPL" Special with Options (different from Catalog)
JTs	7	-	20	05	R	-	3600	X	3300	A	C	
1	2		3	4	5		6		7	8	9	10

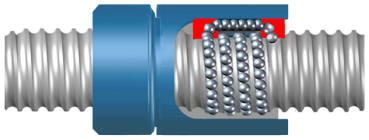


Nut Transfer System Options

Interchangeable Ball Nut for all Screw Accuracy Grades



Nut E: Miniature Insert Transfer
(Leads 1, 2, 2.5mm)



Nut F: Miniature Nose Thread
(Lead 4mm)

Shaft Diameter (mm)	Lead (mm)	Series	Accuracy Grade	NUT STYLE	Max length (mm)	L_1 (mm)	L_n (mm)	L_m (mm)	D_1 (mm)	d_1 (mm)	d_3 (mm)	M	WIPERS	AXIAL PLAY MAX	LOAD RATING	
															DYN daN	STATIC daN
08	020	JTm	7	E	330	300	27	8.00	16.5	7.95	6.9	M14X1	NO	0.01	170	220
10	020	JTm	7	E	400	380	27	8.00	20.5	9.80	8.7	M17X1	NO	0.01	190	270
10	025	JTm	7	E	400	380	32	8.00	20.5	9.80	8.2	M17X1	NO	0.01	280	360
12	050	JTm	7	E	400	380	40	10.00	26	11.80	10.2	M22X1	NO	0.01	340	500
14	040	JTm	7	F	780	750	36	10.00	26	13.80	12.2	M22X1	NO	0.01	360	590
16	020	JTm	7	E	600	500	29	10.00	26	15.60	14.5	M22X1	NO	0.01	240	460
16	025	JTm	7	E	600	500	36	10.00	26	16.00	14.8	M22X1	NO	0.01	390	680

Ordering Example

Series	Accuracy Grade		Screw Shaft Dia (mm) 2-digit #	Shaft Lead (mm) 2 or 3 digit #	Thread Direction R=Right-hand (Standard) L=Left-hand		Overall Screw Shaft Length (mm)		Thread Length (mm)	S=Shaft only N=Nut only A= Assembly (shaft and nut)	Nut Style (A, B, C, D, E, F)	"SPL" Special with Options (different from Catalog)
JTm	7	-	08	020	R	-	330	X	300	A	E	
1	2		3	4	5		6		7	8	9	10

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