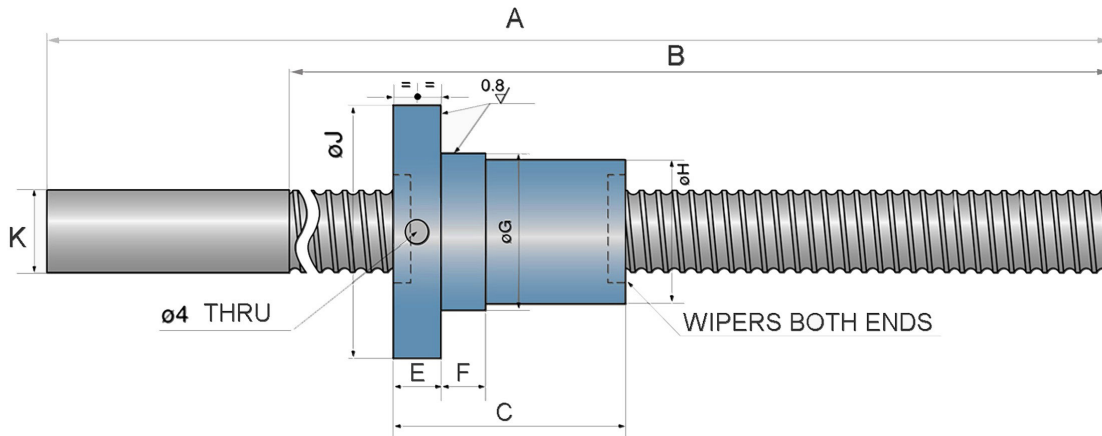


J-Series: JTs/JTb/JTe

Ground (C3) and Whirled (C5) Accuracy

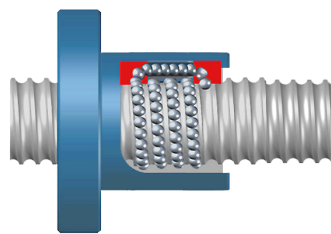
Shaft Diameters
Standard 16-80mm

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

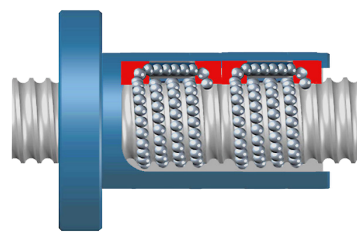


Nut Transfer System Options

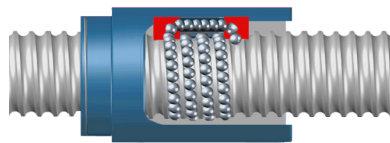
Interchangeable Ball Nut for all Screw Accuracy Grades



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	10
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 DIA K (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)	Minor DIA	BALL DIA	# Turns	PRE LOAD daN	PRE LOAD TORQUE daNcm	LOAD RATING		
																		DYN daN	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 as Custom