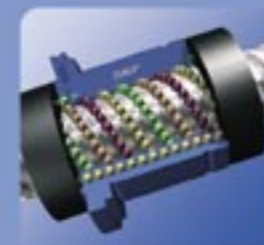




Linear Motion Ball & Roller screws



High precision Rolled thread ball screws

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Represented by:

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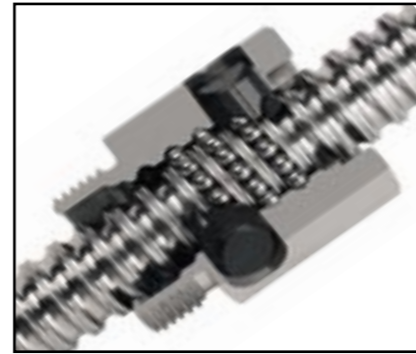
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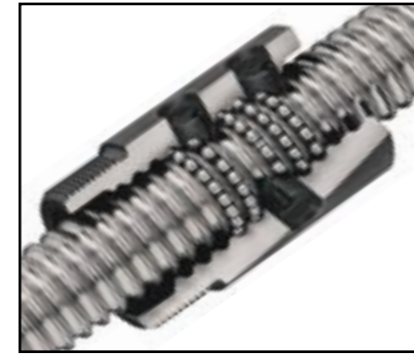
A complete range to fit your needs



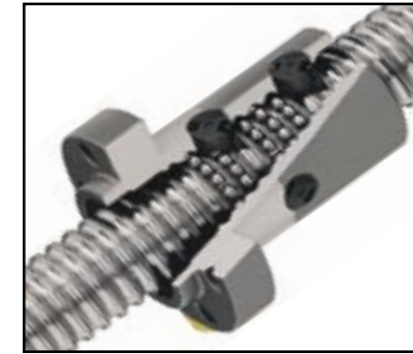
Rolled thread ball screw with ball recirculation by integrated tube.



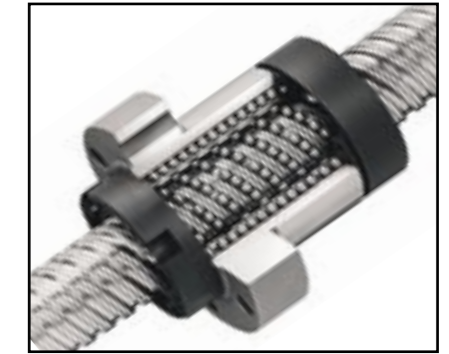
Smooth running and excellent backdriving with the new miniature SD internal recirculation nut. Stainless steel available.



Rolled thread ball screw internal recirculation nut with threaded end.



One piece nut with integral flange preloadable for optimum rigidity.



Long lead ball screw for high speed.

	SH			SD/BD				
Diameter (mm)	6	10	12,7	8	10	12	14	16
Right hand lead	2	3	12,7	2,5	2-4	2-4-5	4	2-5
Axial play	SH	SH	SH	SD	SD	SD	SD	SD
Play reduction or elimination				BD	BD	BD	BD	BD
Preload								
Nut accessories								
Screw accessories								yes
Maximum dynamic capacity (kN)	1,2	2,3	5,3	2,2	4,5	5	6	7,6

For detailed information, see SKF catalogue 4141 EN

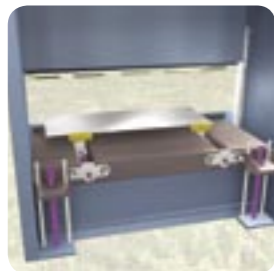
SX/BX						SN/BN/PN						SL/BL					
20	25	32	40	50	63	16	20	25	32	40	50	63	25	32	32	40	50
5	5-10	5-10	5-10	10	10	5	5	5-10	5-10	5-10	10	10	20-25	20-40	32	20-40	50
SX	SX	SX	SX	SX	SX	SN*	SN*	SN*	SN*	SN*	SN*	SN*	SL	SL	SL*	SL	SL
BX	BX	BX	BX	BX	BX	BN*	BN*	BN*	BN*	BN*	BN*	BN*	BL	BL	BL*	BL	BL
yes	yes	yes	yes	yes	yes	PN*	PN*	PN*	PN*	PN*	PN*	PN*					
yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
14,5	25,8	28,9	63,6	81,9	91,7	8,1	11,7	25,8	22,6	63,6	70,6	78,4	23,0	25,7	26,0	53,3	94,8

* available in DIN version

Typical applications



Medical equipment



Press brakes

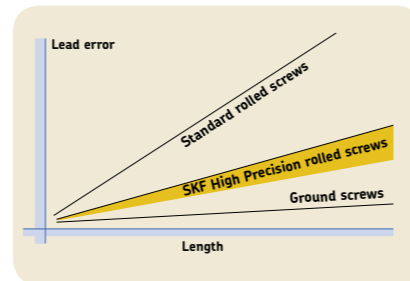


Aircraft seat

SKF has developed a unique CNC process and equipment for high precision rolled screws:

The combination of Hightech machines and the control of the cold forming and metallurgical processes result in a screw that has virtually the same accuracy and performance of a ground unit at a lower cost.

- High precision
- Smooth running with preloaded and non preloaded designs
- High load capacities
- The cost of rolled with the performance of ground
- Standard delivery: 3 to 4 weeks
- Expedite orders: 1 to 2 weeks



SKF

Accessories : FLBU/PLBU/BUF



Rotating nuts : SLT/BLT



As examples:

With a 16 foot long shaft, you can expect lead deviation of 0,00034 in/ft, equivalent to a mean deviation of 140 microns on a 16 foot long shaft, according to G5 class (as defined in ISO 3408-3).



SKF

Typical applications



Cardboard



EDM



Woodworking