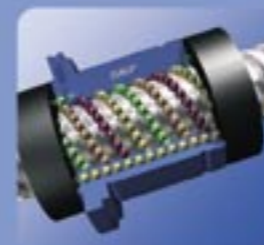




Linear Motion Ball & Roller screws



High precision Rolled thread ball screws

Contacts

Linear motion from SKF
www.linearmotion.skf.com

Benelux

SKF Multitec Benelux B.V.

Nederland
Tel +31 030 6029 029
Fax +31 030 6029 028

België & Luxembourg

Tel +32 25 024 270
Fax +32 25 024 336
E-mail multitec_benelux@skf.com

Danmark

SKF Multitec

Tel +45 65 92 77 77
Fax +45 65 92 74 77
E-mail customerservice.multitec@skf.com

Deutschland

Magnetic Elektromotoren GmbH

Tel +49 7622 695 0
Fax +49 7622 695 101
E-mail magnetic.germany@skf.com

SKF Linearsysteme GmbH

Tel +49 9721 657 0
Fax +49 9721 657 111
E-mail lin.sales@skf.com

España & Portugal

SKF Productos Industriales S.A.

Tel +34 93 377 99 77
Fax +34 93 474 2039 /
3156 / 2156
E-mail prod.ind@skf.com

France

SKF Equipements

Tel +33 1 30 12 73 00
Fax +33 1 30 12 69 09
E-mail equipements.france@skf.com

Italia

SKF Multitec S.p.A.

Tel +39 011 22 49 01
Fax +39 011 22 49 233
E-mail multitec.italy@skf.com

Norge

SKF Multitec

Tel +47 22 90 50 00
Fax +47 22 30 28 14
E-mail customerservice.multitec@skf.com

Schweiz

Magnetic

Tel +41 52 305 02 02
Fax +41 52 305 02 05
E-mail magnetic.switzerland@skf.com

SKF Linear Motion

Tel +41 1 825 81 81
Fax +41 1 825 82 82
E-mail skf.schweiz@skf.com

Suomi

SKF Multitec

Tel +358 9 615 00 850
Fax +358 9 615 00 851
E-mail customerservice.multitec@skf.com

Sverige

SKF Multitec

Tel +46 42 25 35 00
Fax +46 42 25 35 45
E-mail customerservice.multitec@skf.com

U.K.

SKF Engineering Products Ltd.

Tel +44 1582 496 735
Fax +44 1582 496 574
E-mail skf.epl@skf.com

USA & Canada/South America

SKF Motion Technologies

Tel +1 610 861 4800
Toll free +1 800 541 3624
Fax +1 610 861 4811
E-mail motiontech.usa@skf.com

Österreich

Linear Motion SKF Österreich AG

Tel +43 2236 6709 0
Fax +43 2236 6709 220
E-mail multitec.austria@skf.com

Other countries

Fax +33 47 968 6800
E-mail brs@skf.com

Represented by:

© SKF is a registered trademark of the SKF Group.

© SKF 2005

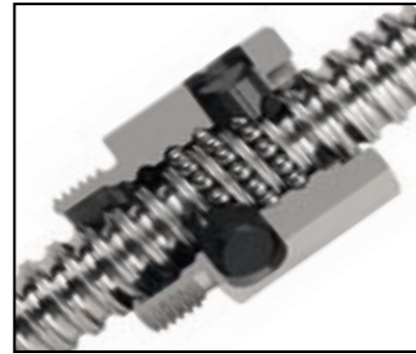
The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.



A complete range to fit your needs



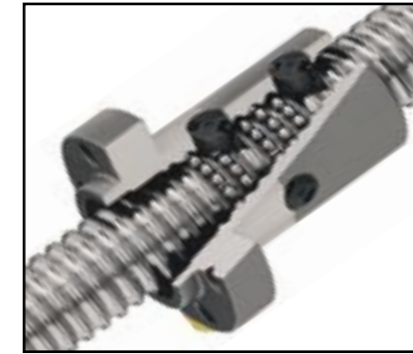
Rolled thread ball screw with ball recirculation by integrated tube.



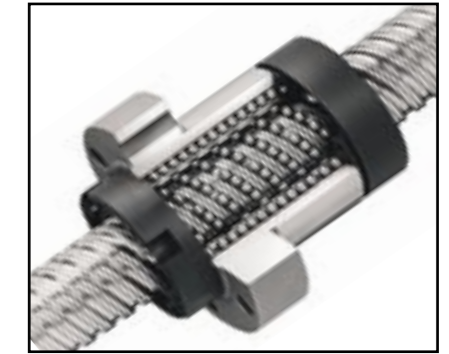
Smooth running and excellent backdriving with the new miniature SD internal recirculation nut. Stainless steel available.



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

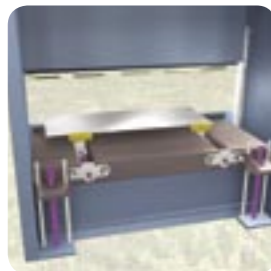
SX/BX						SN/BN/PN						SL/BL					
20	25	32	40	50	63	16	20	25	32	40	50	63	25	32	32	40	50
5	5-10	5-10	5-10	10	10	5	5	5-10	5-10	5-10	10	10	20-25	20-40	32	20-40	50
SX	SX	SX	SX	SX	SX	SN*	SN*	SN*	SN*	SN*	SN*	SN*	SL	SL	SL*	SL	SL
BX	BX	BX	BX	BX	BX	BN*	BN*	BN*	BN*	BN*	BN*	BN*	BL	BL	BL*	BL	BL
yes	yes	yes	yes	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

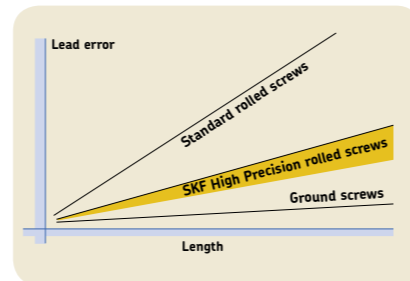


Aircraft seat

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