

Screw-in Single Nut ZEV-E-S

The Drive and Control Company



Screw-in Single Nut ZEV-E-S

Ball Screw Assemblies

STAR mounting dimensions

Without seals

With backlash

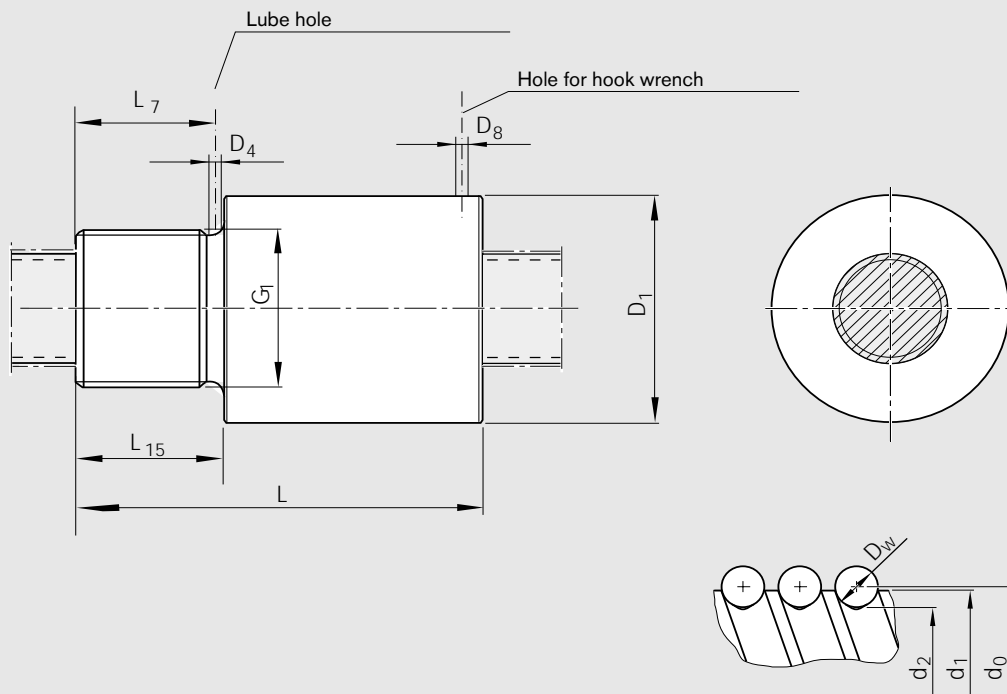
Screw tolerance class T T



Ordering Code: ZEV-E-S 20 x 5R x 3-4 0 0 T7 R 81K120 41K120 550 0 1

d_0 = Nominal diameter
 P = Lead
 (R = Right, L = Left)
 D_w = Ball diameter
 i = No. of turns

Size $d_0 \times P \times Dw - i$	Part No.	Basic load rating	
		dyn. C (N)	stat. C_0 (N)
12 x 5R x 2 - 3	1532-4-6025	2300	3500
12 x 10R x 2 - 2	1532-4-9025	1500	2200
16 x 5R x 3 - 3	1512-0-1025	5600	7100
16 x 10R x 3 - 3	1512-0-4025	5800	7400
20 x 5R x 3 - 4	1512-1-1025	8600	12900



	Dimensions (mm)									Backlash (mm)
	d_1	d_2	D_1 h10	D_4	D_8	G_1	L $\pm 0,3$	L_7	L_{15}	
	11,4	9,9	25,5	2,7	3,2	M20 x 1	36	8,5	10	0,02
	11,4	9,9	25,5	2,7	3,2	M20 x 1	40	8,5	10	0,02
	15,0	12,9	32,5	2,7	4,2	M26 x 1,5	40	10,5	12	0,04
	15,0	12,9	32,5	2,7	4,2	M26 x 1,5	54	10,5	12	0,04
	19,0	16,9	38	2,7	8	M35 x 1,5	50	12,5	14	0,04

Bosch Rexroth Corporation
Linear Motion and
Assembly Technologies
14001 South Lakes Drive
Charlotte, NC 28273
Phone: 800-438-5983
Fax: 704-583-0523
info.chr@boschrexroth-us.com
www.boschrexroth-us.com

Bosch Rexroth Corporation
5150 Prairie Stone Parkway
Hoffman Estates, IL 60192-3707
Phone: 847-645-3600
Fax: 847-645-0811

Bosch Rexroth Corporation
Industrial Hydraulics
2315 City Line Road
Bethlehem, PA 18017-2131
Phone: 610-694-8300
Fax: 610-694-8467

Bosch Rexroth Corporation
Electric Drives and Controls
5150 Prairie Stone Parkway
Hoffman Estates, IL 60192-3707
Phone: 847-645-3600
Fax: 847-645-6201

Bosch Rexroth Corporation
Pneumatics
1953 Mercer Road
Lexington, KY 40511-1021
Phone: 859-254-8031
Fax: 859-281-3483

Bosch Rexroth Corporation
Mobile Hydraulics
P.O. Box 394
1700 Old Mansfield Road
Wooster, OH 44692-0394
Phone: 330-263-3300
Fax: 330-263-3333