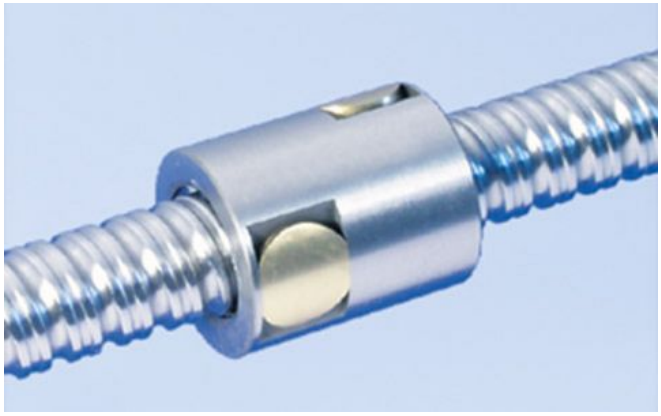
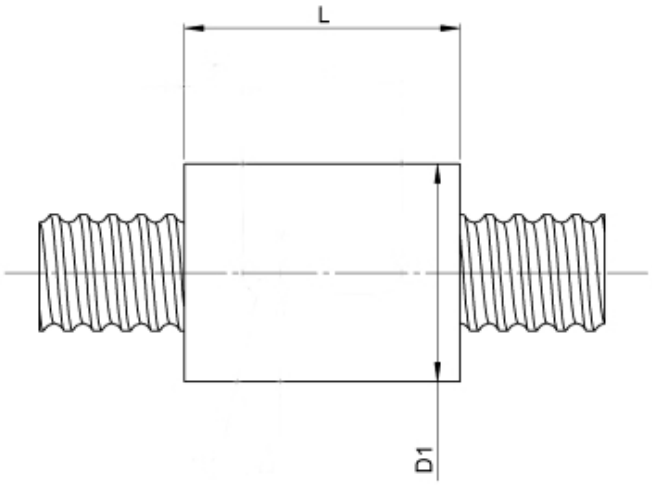
1214/1.6.125.165

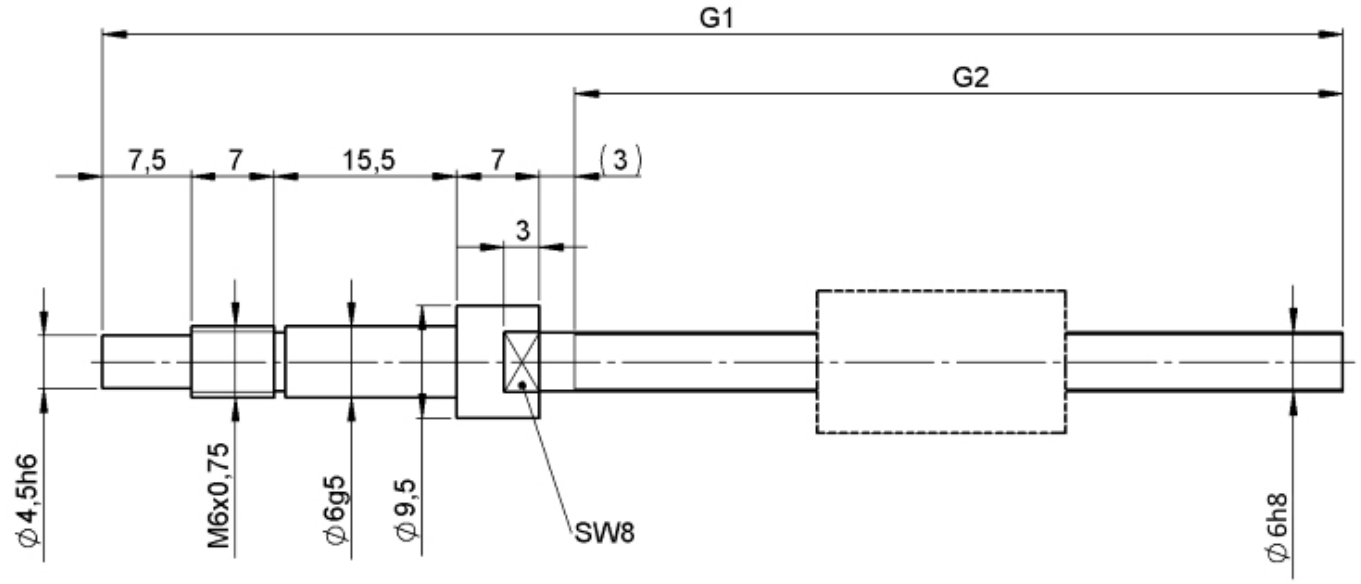
DESCRIPTION

- Nut Series 1214 with internal ball return
- Cylindrical nut with 4-point-contact, without wipers
- Nut shape design for assembling in a housing
- Single start ball thread, ground execution according to accuracy class P1 - P5
- Miniature ball screws also available with axial play



TECHNICAL DATA AND DIMENSIONS


L
D1


G1
G2
7,5
7
15,5
7
(3)
3
⌀4,5h6
M6x0,75
⌀6g5
⌀9,5
SW8
⌀6h8

Series			1214	No. of starts			1
Nominal diameter	[mm]	dN	6	Friction torque FROM	[Ncm]		1,5
Lead	[mm]	P	1	Friction torque TO	[Ncm]		1,5
Shaft style			B	Accuracy			P
Nominal stroke	[mm]		100	Preload/backlash free/with backlash			backlash free
Overall length	[mm]	G1	165	Nut length	[mm]	L	12
Thread length	[mm]	G2	125	Dynamic load capacity	[kN]	Ca	0,55
Ball circles		i	1x3	Static load capacity	[kN]	C0a	0,92
Ball diameter	[mm]	dW	0,8	Pilot diameter	[mm]	D1	12
DN-value			120000	Pilot diameter tolerance	[mm]		h6

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Drive Technology, Ball Screws, Precision Ball Screws, Miniature Ball Screws, Ultra Thrust Ball Screws, Rotating Nuts, Cooled Ball Screws, Precision Lead Screws, Differential Rolled Screws, Rolled Ball Screws