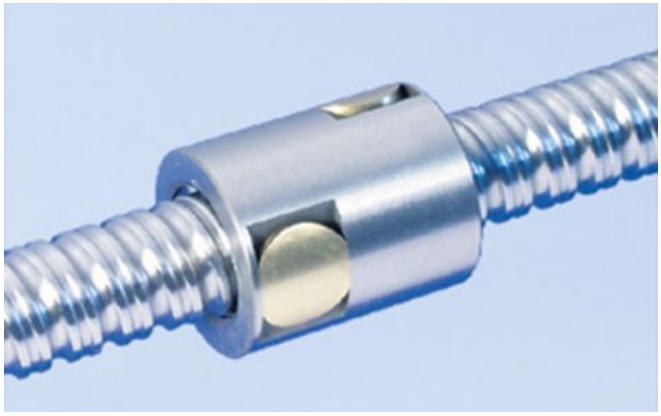
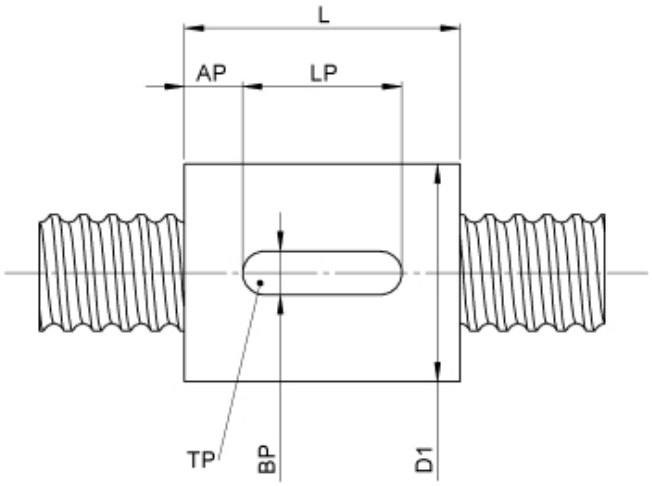
1214/1.12.110.180

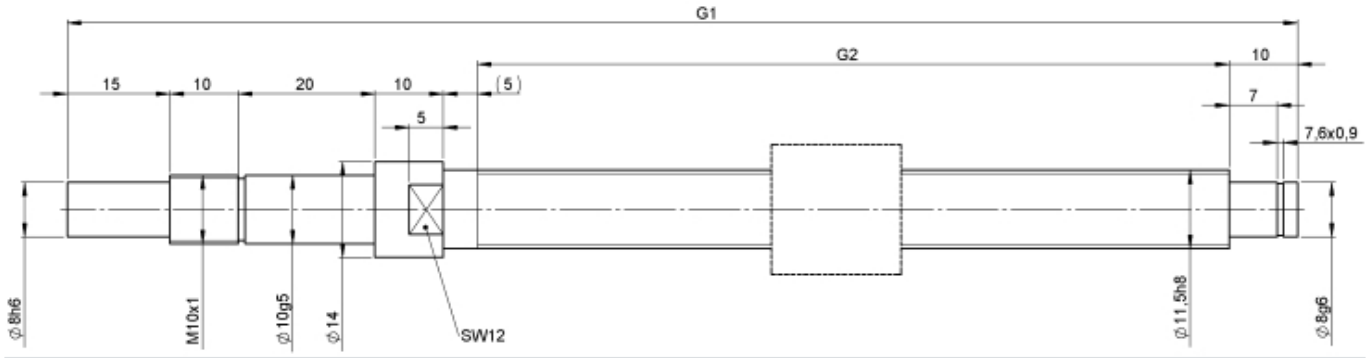
DESCRIPTION

- 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
AP
LP
TP
BP
D1


G1
G2
15
10
20
10
5
5
10
7
7,6x0,9
⌀8h6
M10x1
⌀10g5
⌀14
SW12
⌀11,5h8
⌀8g6

Series			1214	Friction torque TO	[Ncm]		3,0
Nominal diameter	[mm]	dN	12	Accuracy			P
Lead	[mm]	P	1	Preload/backlash free/with backlash			backlash free
Shaft style			B	Nut length	[mm]	L	17
Nominal stroke	[mm]		50	Dynamic load capacity	[kN]	Ca	1,10
Overall length	[mm]	G1	180	Static load capacity	[kN]	C0a	2,00
Thread length	[mm]	G2	110	Position keyway	[mm]	AP	2,5
Ball circles		i	1x3	Width keyway	[mm]	BP	5
Ball diameter	[mm]	dW	0,8	Length keyway	[mm]	LP	16
DN-value			120000	Depth keyway	[mm]	TP	1,9
No. of starts			1	Pilot diameter	[mm]	D1	19
Friction torque FROM	[Ncm]		3,0	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