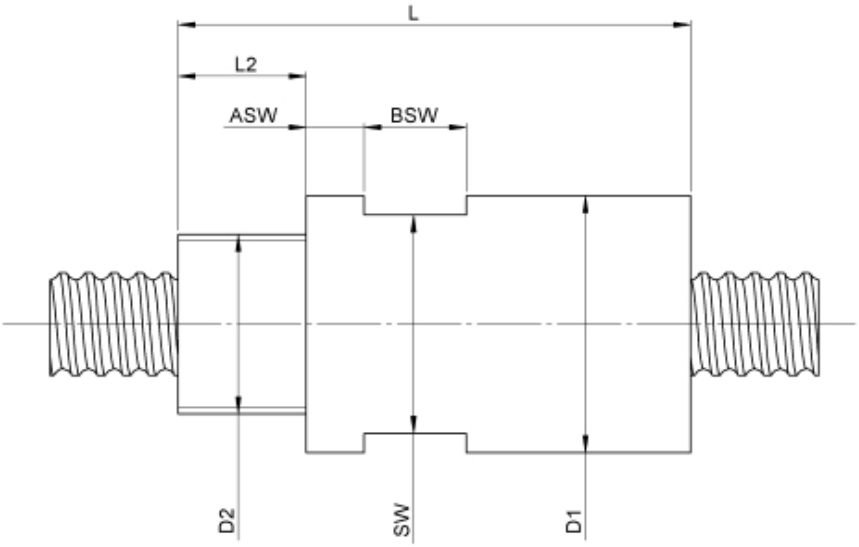
1510/1.12.410.480

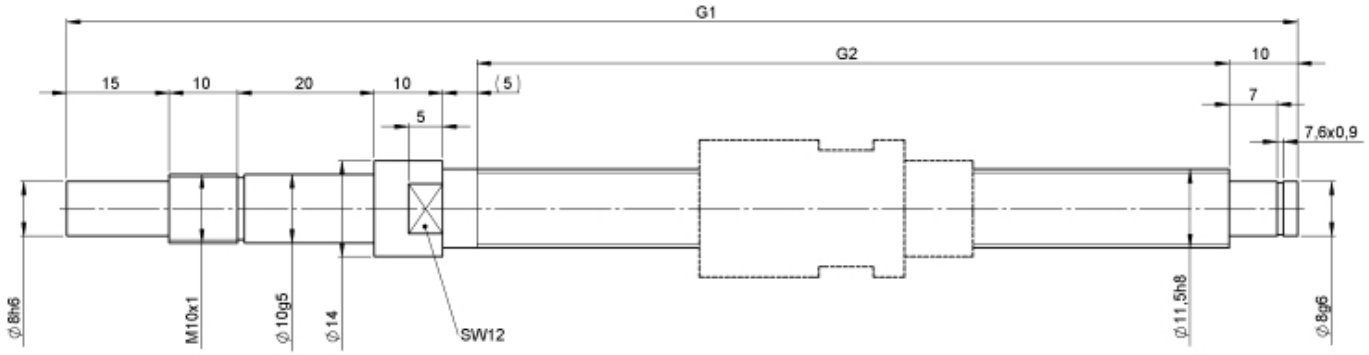
DESCRIPTION

- Nut Series 1510 with internal ball return
- Spring preloaded double nut in housing with
  connecting thread and 2-point-contact, without wipers
- Nut shape design to be screwed in
- Single start ball thread, ground execution
  according to accuracy class P1 - P5



TECHNICAL DATA AND DIMENSIONS


L
L2
ASW
BSW
D2
SW
D1


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

Series			1510	Max. preload	[kN]		0,05
Nominal diameter	[mm]	dN	12	Accuracy			P
Lead	[mm]	P	1	Preload/backlash free/with backlash			Preload
Shaft style			B	Nut length	[mm]	L	49
Nominal stroke	[mm]		350	Max. axial load	[kN]	Fmax	0,04
Overall length	[mm]	G1	480	Thread length	[mm]	L2	10
Thread length	[mm]	G2	410	Dynamic load capacity	[kN]	Ca	0,80
Ball circles		i	2x2	Static load capacity	[kN]	C0a	1,30
Ball diameter	[mm]	dW	0,8	Pilot diameter	[mm]	D1	24
DN-value			120000	Thread diameter	[mm]	D2	M18x1
No. of starts			1	Wrench flat	[mm]	SW	22
Friction torque FROM	[Ncm]		1,0	Width wrench flat	[mm]	BSW	10
Friction torque TO	[Ncm]		2,0	Position wrench flat	[mm]	ASW	6,5

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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