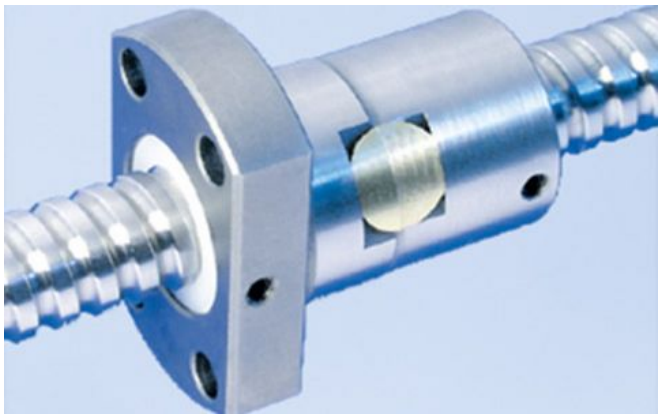
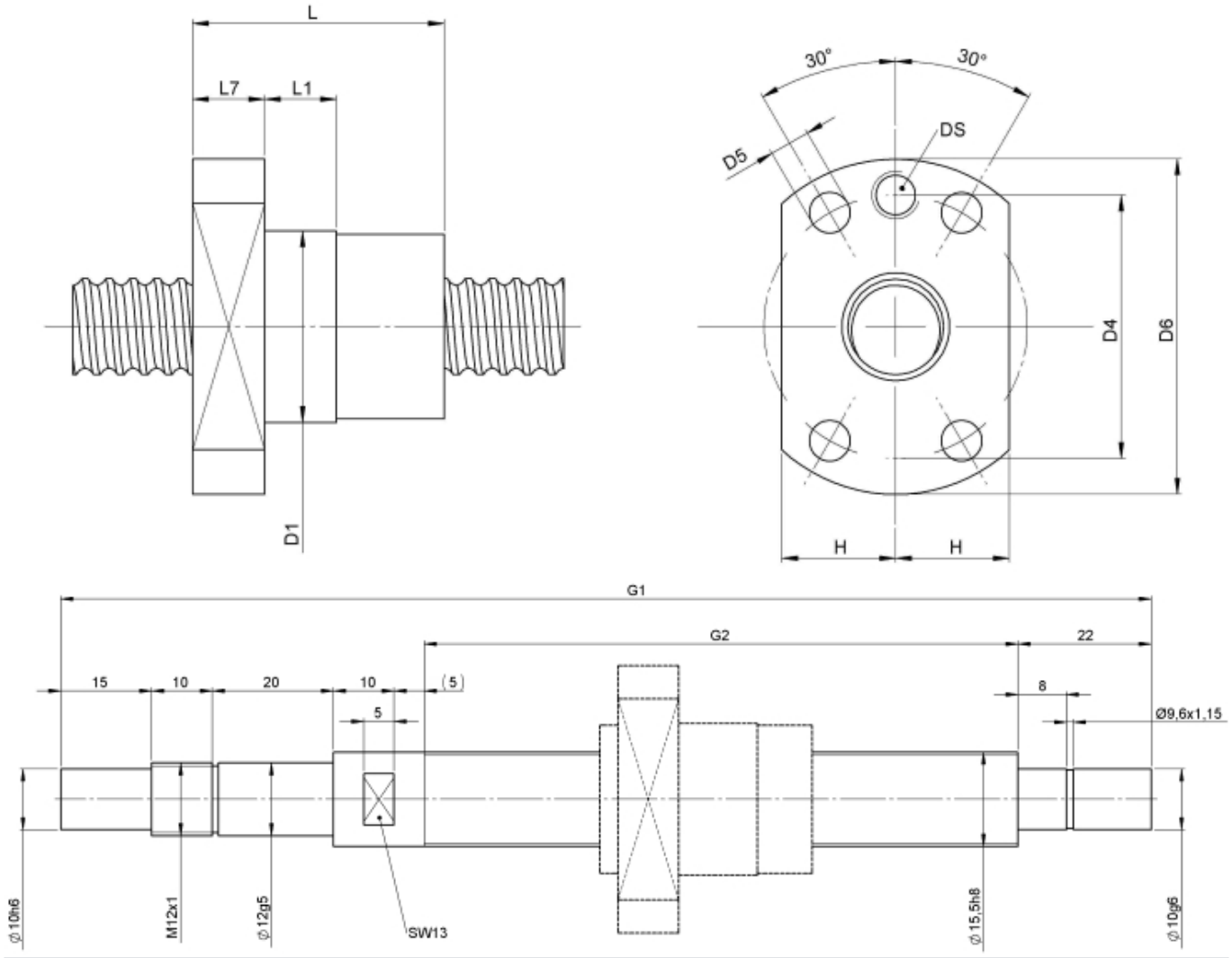
1412/2.16.189.271

DESCRIPTION

- Nut Series 1412 with internal ball return, Flange single nut with 4-point-contact with standard synthetic wipers on both ends
- Nut shape design for assembly by flange
- 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
L7
L1
D1
30°
30°
DS
D5
D4
D6
H
H
G1
G2
22
15
10
20
10
(5)
5
8
Ø9,6x1,15
Ø10h6
M12x1
Ø12g5
SW13
Ø15,5h8
Ø10g6

Series			1412	No. of starts			1
Nominal diameter	[mm]	dN	16	Friction torque FROM	[Ncm]		1,4
Lead	[mm]	P	2	Friction torque TO	[Ncm]		1,4
Shaft style			B	Accuracy			P
Nominal stroke	[mm]		100	Preload/backlash free/with backlash			with backlash
Overall length	[mm]	G1	271	Nut length	[mm]	L	32
Thread length	[mm]	G2	189	Dynamic load capacity	[kN]	Ca	2,90
Ball circles		i	1x3	Static load capacity	[kN]	C0a	4,90
Ball diameter	[mm]	dW	1,5	Pilot diameter	[mm]	D1	25
DN-value			120000				

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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