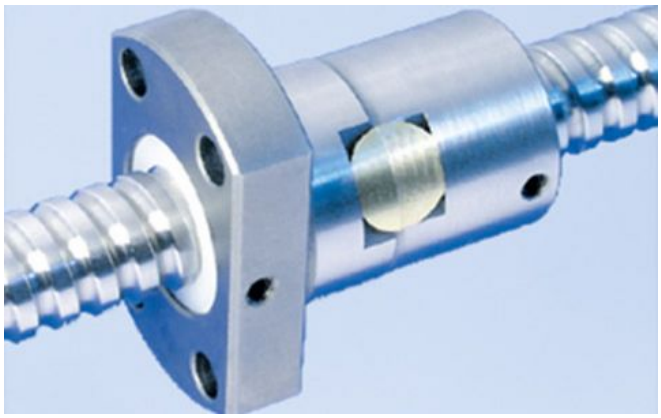
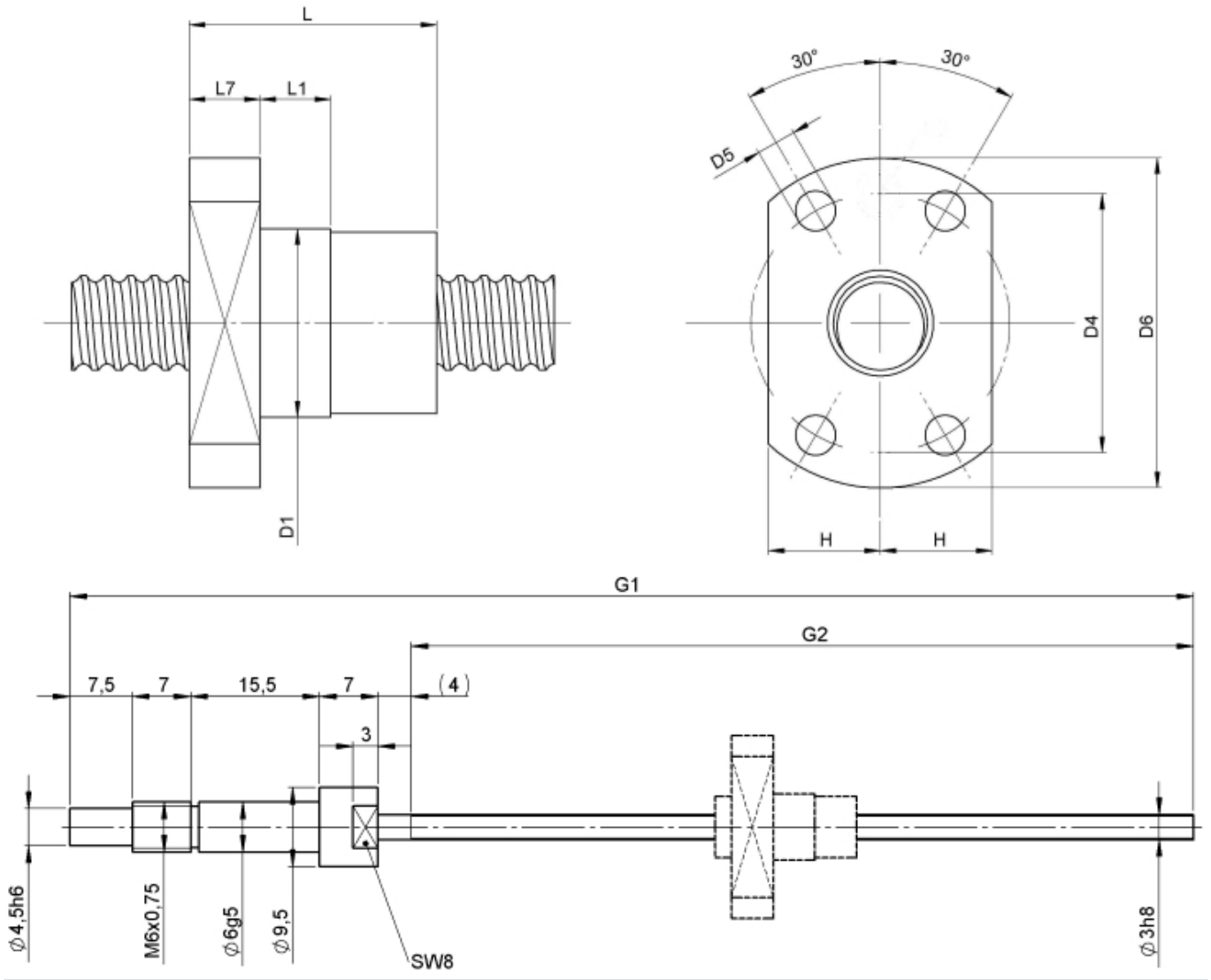
1412/1.3.44.85

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°
D5
D4
D6
H
H
G1
G2
7,5
7
15,5
7
(4)
3
ϕ4,5h6
M6x0,75
ϕ6g5
ϕ9,5
SW8
ϕ3h8

Series			1412	No. of starts			1
Nominal diameter	[mm]	dN	3	Friction torque FROM	[Ncm]		0,5
Lead	[mm]	P	1	Friction torque TO	[Ncm]		0,5
Shaft style			B	Accuracy			P
Nominal stroke	[mm]		20	Preload/backlash free/with backlash			with backlash
Overall length	[mm]	G1	85	Nut length	[mm]	L	15
Thread length	[mm]	G2	44	Dynamic load capacity	[kN]	Ca	0,24
Ball circles		i	1x2	Static load capacity	[kN]	C0a	0,25
Ball diameter	[mm]	dW	0,8	Pilot diameter	[mm]	D1	8
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