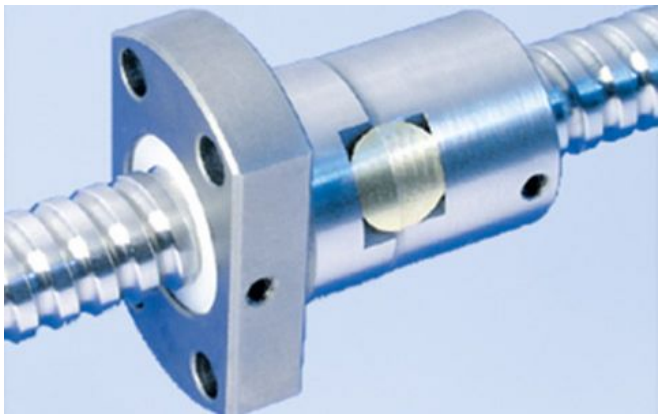
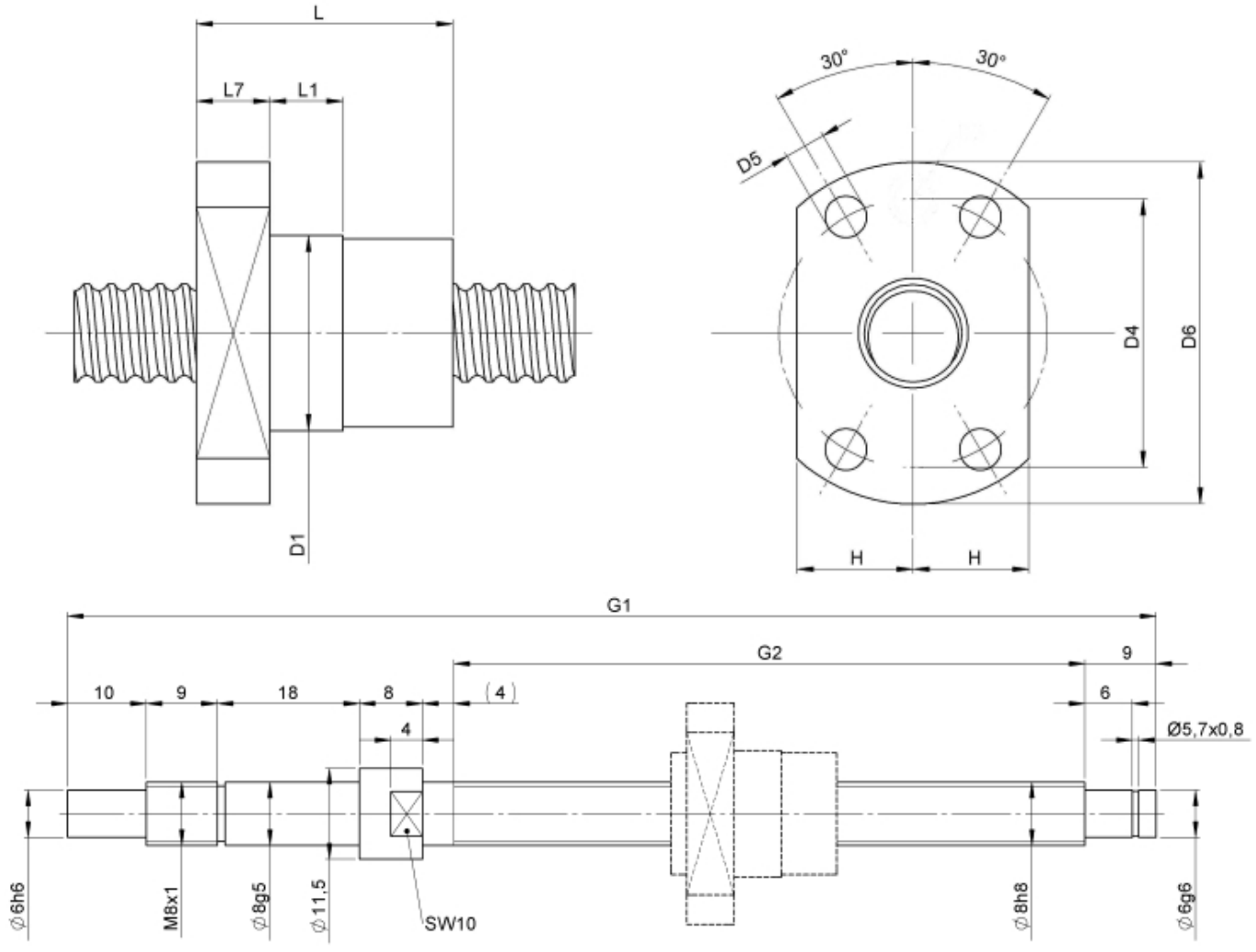
1412/4.8.80.138

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
9
10
9
18
8
4
4
6
Ø5,7x0,8
Ø6h6
M8x1
Ø8g5
Ø11,5
SW10
Ø8h8
Ø6g6

Series			1412	Nominal diameter	[mm]	dN	8
Flange thickness	[mm]	L7	6	Lead	[mm]	P	4
Dynamic load capacity	[kN]	Ca	2,00	Ball circles		i	1x3
Static load capacity	[kN]	C0a	2,10	Ball diameter	[mm]	dW	1,5
Pilot diameter	[mm]	D1	16	DN-value			120000
Pilot diameter tolerance	[mm]		g6	No. of starts			1
Bolt circle diameter	[mm]	D4	22	Friction torque FROM	[Ncm]		0,5
Flange hole diameter		D5	3,4	Friction torque TO	[Ncm]		0,5
Flange diameter	[mm]	D6	28	Accuracy			P
Flange flat dimension	[mm]	H	9,5	Nut length	[mm]	L	31

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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