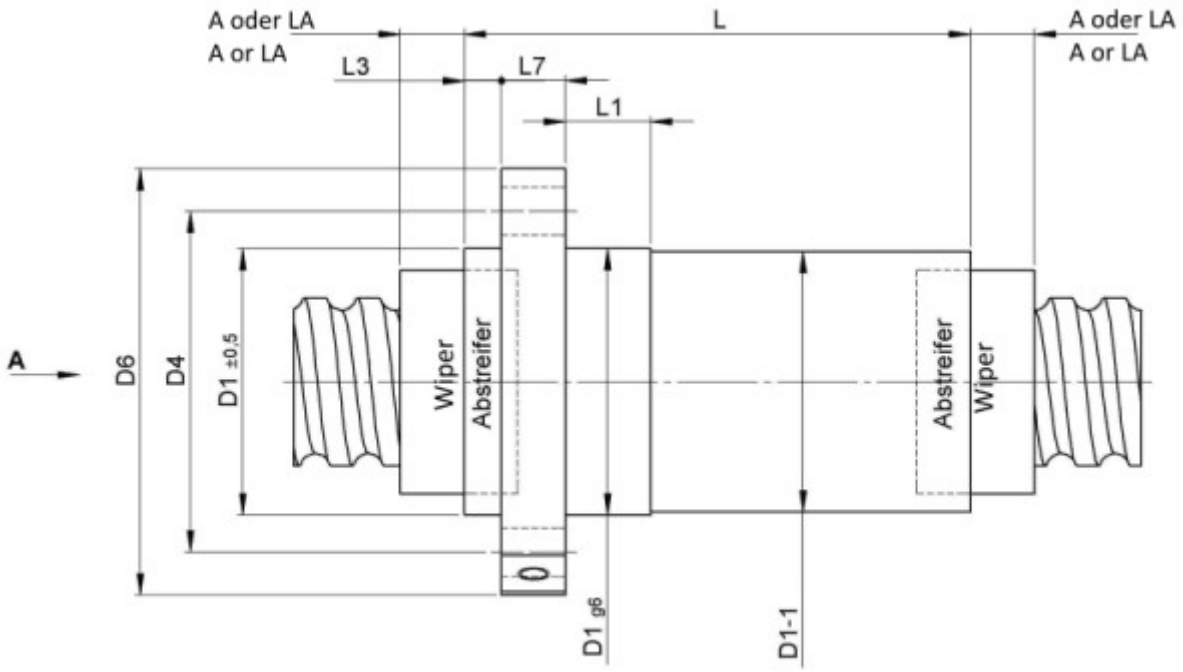
1416/15.25.3,5.3

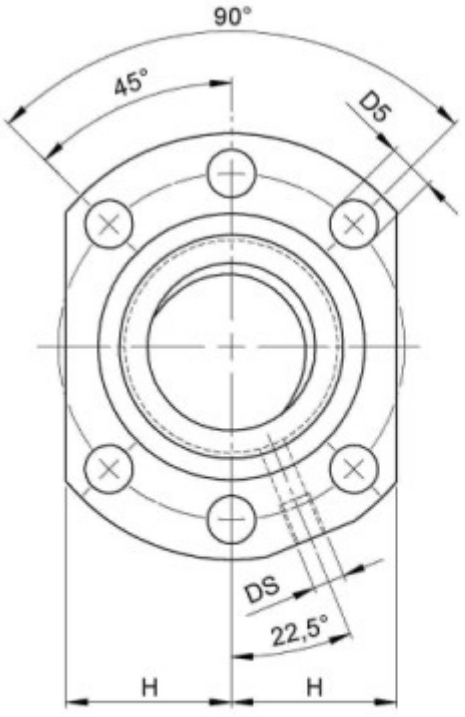
DESCRIPTION

- Nut Series 1416 with internal ball return, Flange single nut with 4-point-contact with standard synthetic wipers on both ends
- Nut shape according to DIN for assembly by flange
- Single start ball thread, ground execution according to accuracy class P1 - P5



TECHNICAL DATA AND DIMENSIONS





Ansicht "A"
View "A"

Form B
Shape B

Series			1416	Flange thickness	[mm]	L7	10
Nominal diameter	[mm]	dN	25	Dynamic load capacity	[kN]	Ca	13,40
Lead	[mm]	P	15	Static load capacity	[kN]	C0a	21,20
Ball circles		i	1x3	Ball diameter	[mm]	dW	3,5
Additional wiper extensions for combination wipers	[mm]	LA	12	DN-value			120000
Pilot Length	[mm]	L1	16	No. of starts			1
Pilot diameter	[mm]	D1	40	Stiffness	[N/µm]	Rnu,ar	160
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		5,4
Bolt circle diameter	[mm]	D4	51	Friction torque TO	[Ncm]		16,1
Flange hole diameter		D5	6,6	Max. preload	[kN]		1,072
Lube hole	[mm]	DS	M6x1	Accuracy			P
Flange diameter	[mm]	D6	62	Nut length	[mm]	L	92
Flange flat dimension	[mm]	H	24	Wiper extension	[mm]	L3	7

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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