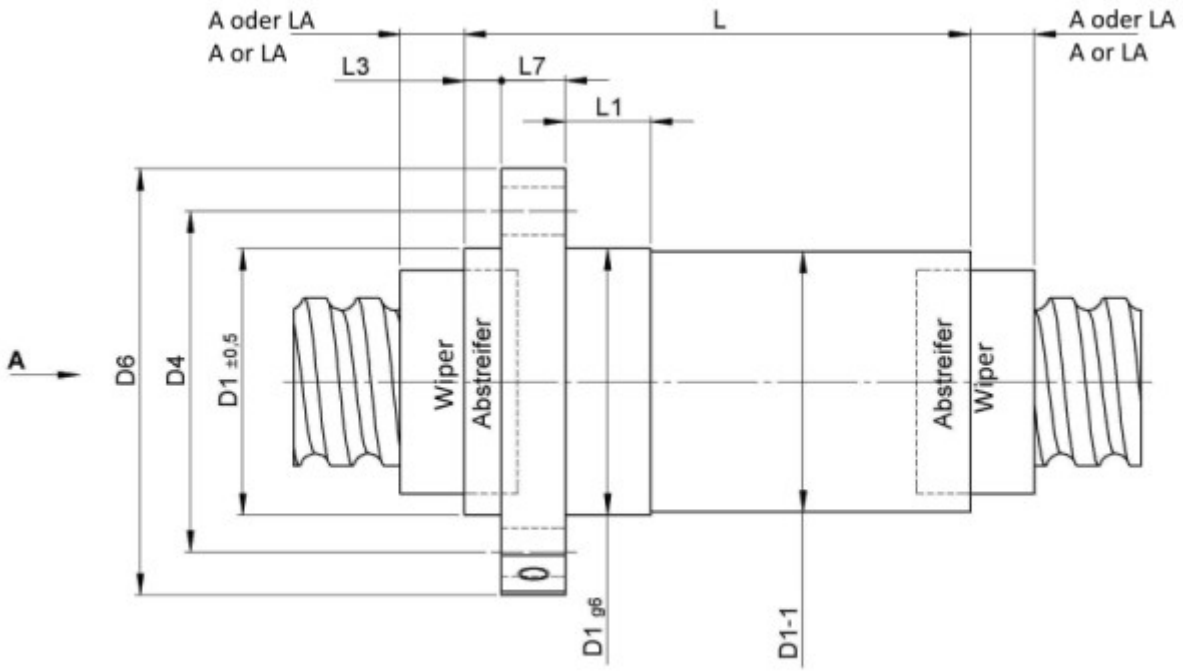
1416/5.16.3,5.4

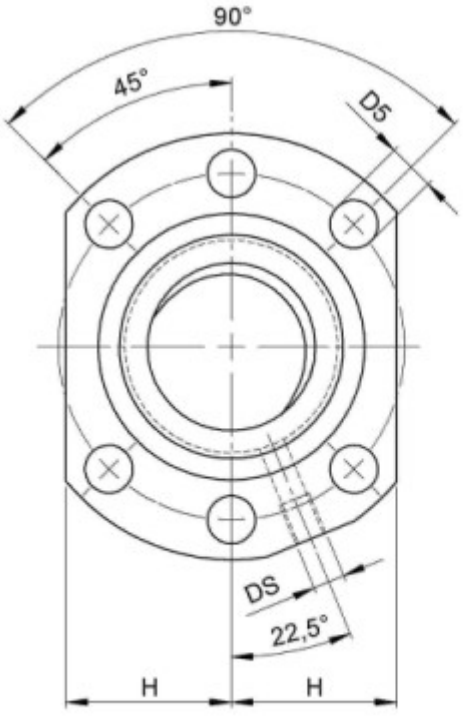
DESCRIPTION

- 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	16	Dynamic load capacity	[kN]	Ca	12,90
Lead	[mm]	P	5	Static load capacity	[kN]	C0a	16,00
Ball circles		i	1x4	Ball diameter	[mm]	dW	3,5
Additional wiper extensions for combination wipers	[mm]	LA	9	DN-value			120000
Pilot Length	[mm]	L1	10	No. of starts			1
Pilot diameter	[mm]	D1	28	Stiffness	[N/µm]	Rnu,ar	200
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		1,3
Bolt circle diameter	[mm]	D4	38	Friction torque TO	[Ncm]		11,9
Flange hole diameter		D5	5,5	Max. preload	[kN]		1,032
Lube hole	[mm]	DS	M6x1	Accuracy			P
Flange diameter	[mm]	D6	48	Nut length	[mm]	L	59
Flange flat dimension	[mm]	H	20	Wiper extension	[mm]	L3	6

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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