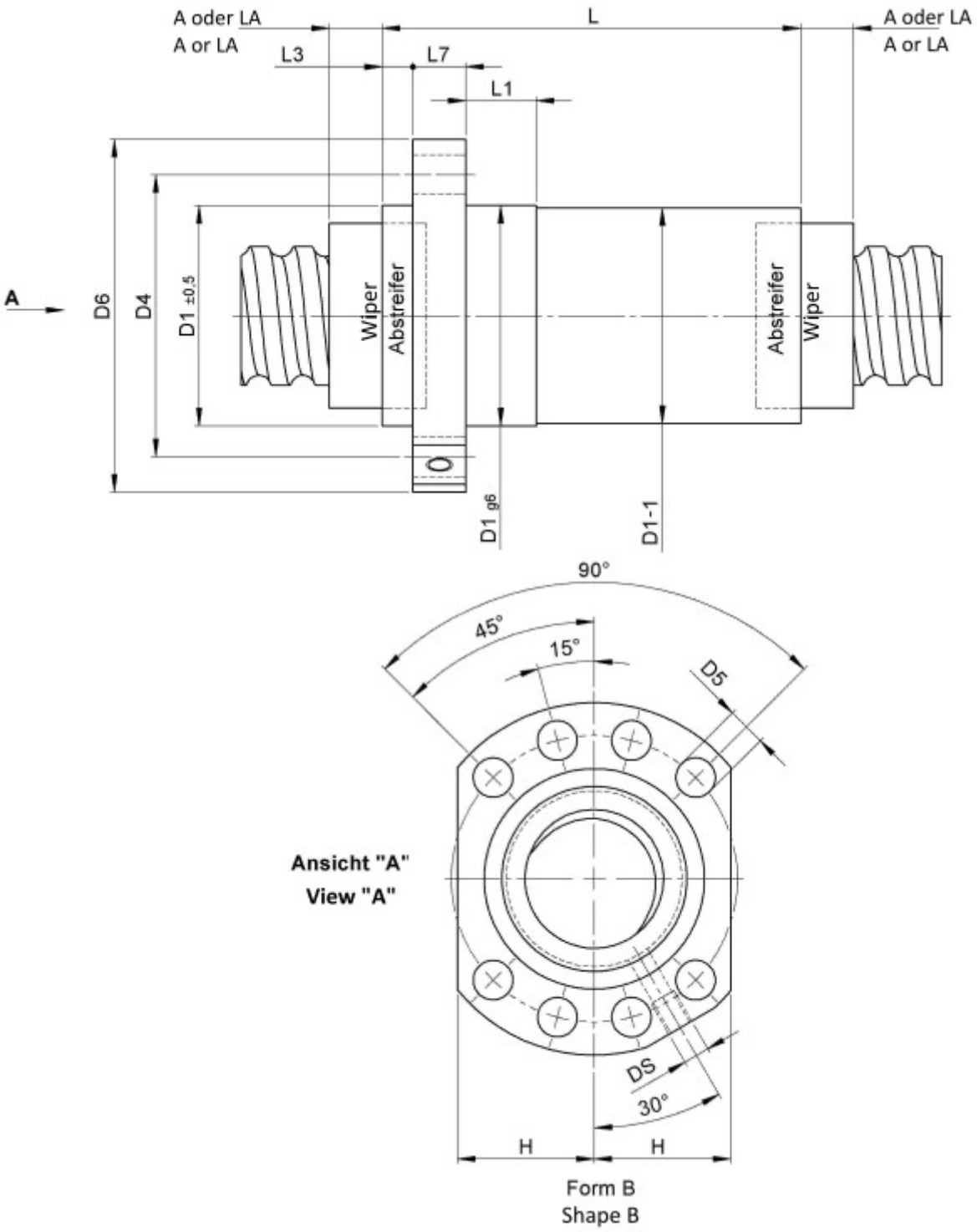
1516/10.50.7,5.3

DESCRIPTION

- Nut Series 1516 with internal ball return, Flange double nut with 2-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


A oder LA
A or LA
L
A oder LA
A or LA
L3
L7
L1
A
D6
D4
D1 ±0,5
Wiper
Abstreifer
Abstreifer
Wiper
D1 g6
D1-1
90°
45°
15°
D5
Ansicht "A"
View "A"
DS
30°
H
H
Form B
Shape B

Series			1516	Flange thickness	[mm]	L7	16
Nominal diameter	[mm]	dN	50	Dynamic load capacity	[kN]	Ca	52,70
Lead	[mm]	P	10	Static load capacity	[kN]	C0a	93,20
Ball circles		i	2x3	Ball diameter	[mm]	dW	7,5
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	75	Stiffness	[N/µm]	Rnu,ar	810
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		73,8
Bolt circle diameter	[mm]	D4	93	Friction torque TO	[Ncm]		137,0
Flange hole diameter		D5	11	Max. preload	[kN]		5,27
Lube hole	[mm]	DS	M8x1	Accuracy			P
Flange diameter	[mm]	D6	110	Nut length	[mm]	L	148
Flange flat dimension	[mm]	H	42,5	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