

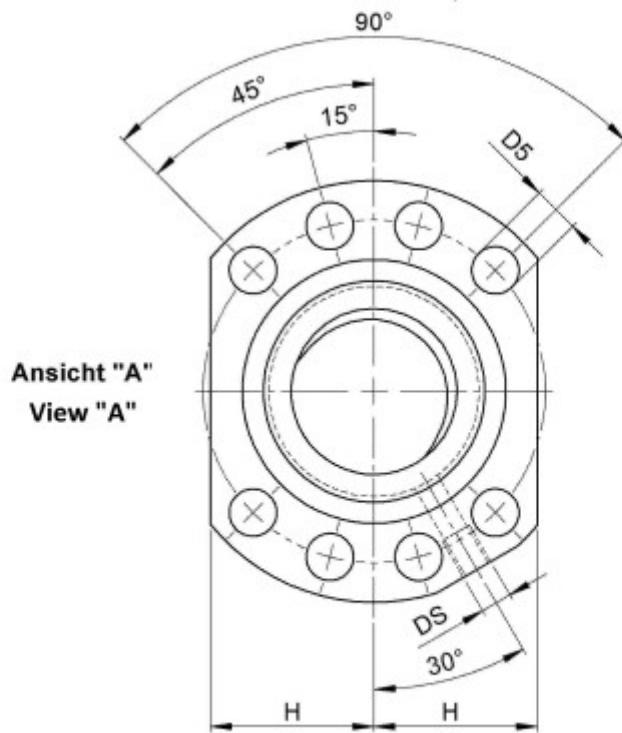
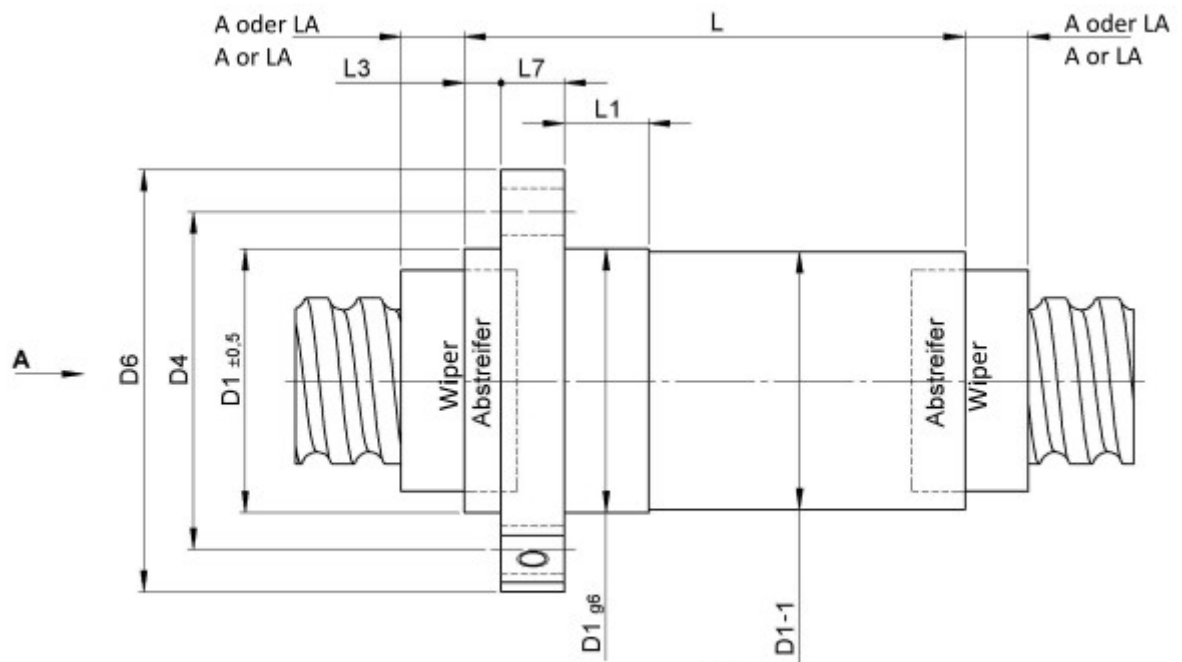
1416/5.80.3,5.3

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	20
Nominal diameter	[mm]	dN	80	Dynamic load capacity	[kN]	Ca	23,90
Lead	[mm]	P	5	Static load capacity	[kN]	C0a	81,20
Ball circles		i	1x3	Ball diameter	[mm]	dW	3,5
Additional wiper extensions for combination wipers	[mm]	LA	9	DN-value			120000
Pilot Length	[mm]	L1	16	No. of starts			1
Pilot diameter	[mm]	D1	105	Stiffness	[N/μm]	Rnu,ar	700
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		39,8
Bolt circle diameter	[mm]	D4	125	Friction torque TO	[Ncm]		82,6
Flange hole diameter		D5	13,5	Max. preload	[kN]		1,912
Lube hole	[mm]	DS	M8x1	Accuracy			P
Flange diameter	[mm]	D6	145	Nut length	[mm]	L	64
Flange flat dimension	[mm]	H	55	Wiper extension	[mm]	L3	7

August Steinmeyer GmbH & Co. KG | Riedstraße 7 | 72458 Albstadt | Phone +49 (0) 7431 1288-0 | Fax +49 (0) 7431 1288-89 | info@steinmeyer.com

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