

# 1516/10.63.7,5.4E

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## DESCRIPTION

- **ETA+ Nut Series** with **internal ball return**
- Flange nut, with standard 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



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## TECHNICAL DATA AND DIMENSIONS



Series			1516	Flange thickness	[mm]	L7	18
Nominal diameter	[mm]	dN	63	Dynamic load capacity	[kN]	Ca	100,70
Lead	[mm]	P	10	Static load capacity	[kN]	C0a	175,00
Ball circles		i	4+4	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	90	Stiffness	[N/μm]	Rnu,ar	1460
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		88,8
Bolt circle diameter	[mm]	D4	108	Friction torque TO	[Ncm]		164,9
Flange hole diameter		D5	11	Max. preload	[kN]		10,07
Lube hole	[mm]	DS	M8x1	Accuracy			P
Flange diameter	[mm]	D6	125	Nut length	[mm]	L	162
Flange flat dimension	[mm]	H	47,5	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