

# 1510/2,5.8.190.248

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## DESCRIPTION

- Nut Series 1510 with [internal ball return](#)
- Spring preloaded double nut in housing with connecting thread and 2-point-contact, without wipers
- Nut shape design to be screwed in
- Single start ball thread, ground execution according to accuracy class P1 - P5



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## TECHNICAL DATA AND DIMENSIONS



Series			1510	Max. preload		[kN]	0,05
Nominal diameter	[mm]	dN	8	Accuracy			P
Lead	[mm]	P	2,5	Preload/backlash free/with backlash			Preload
Shaft style			B	Nut length		[mm]	L 40
Nominal stroke	[mm]		150	Max. axial load		[kN]	Fmax 0,04
Overall length	[mm]	G1	248	Thread length		[mm]	L2 10
Thread length	[mm]	G2	190	Dynamic load capacity		[kN]	Ca 1,40
Ball circles		i	2x2	Static load capacity		[kN]	C0a 1,40
Ball diameter	[mm]	dW	1,5	Pilot diameter		[mm]	D1 20
DN-value			120000	Thread diameter		[mm]	D2 M14x1
No. of starts			1	Wrench flat		[mm]	SW 17
Friction torque FROM	[Ncm]		0,7	Width wrench flat		[mm]	BSW 8
Friction torque TO	[Ncm]		1,5	Position wrench flat		[mm]	ASW 4,5

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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