

# 1112/5.16.489.571

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## DESCRIPTION

- Nut Series 1112 with [internal ball return](#), Cylindrical nut with connecting thread and 4-point-contact, without wipers
- Single start ball thread, ground execution according to accuracy class P1 - P5
- Miniature ball screws also available with axial play



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## TECHNICAL DATA AND DIMENSIONS



Series			1112	Friction torque FROM	[Ncm]	4,0
Nominal diameter	[mm]	dN	16	Friction torque TO	[Ncm]	4,0
Lead	[mm]	P	5	Accuracy		P
Shaft style			B	Preload/backlash free/with backlash		backlash free
Nominal stroke	[mm]		400	Nut length	[mm]	L 43
Overall length	[mm]	G1	571	Thread length	[mm]	L2 10
Thread length	[mm]	G2	489	Dynamic load capacity	[kN]	Ca 10,10
Ball circles		i	1x3	Static load capacity	[kN]	C0a 12,00
Ball diameter	[mm]	dW	3,5	Diameter for pin wrench	[mm]	HS 3
DN-value			120000	Pilot diameter	[mm]	D1 28,5
No. of starts			1	Thread diameter	[mm]	D2 M22x1

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

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