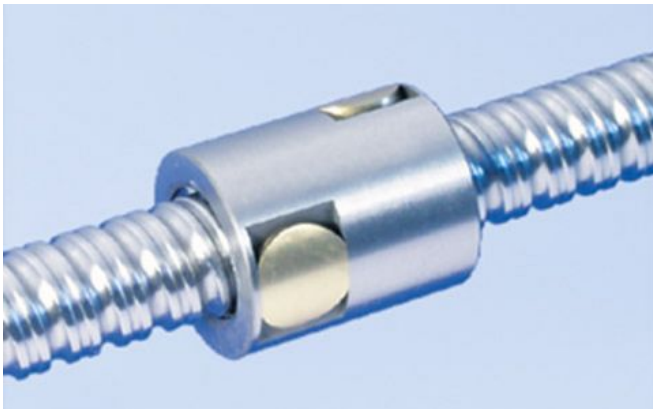


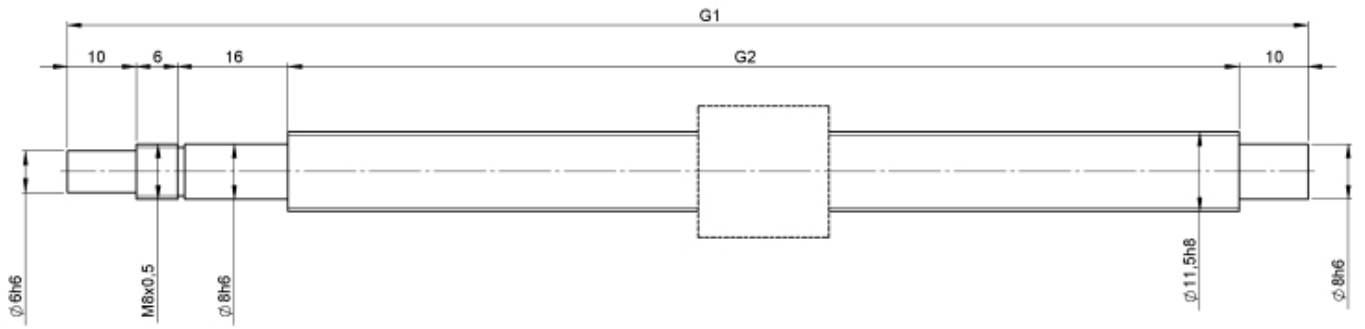
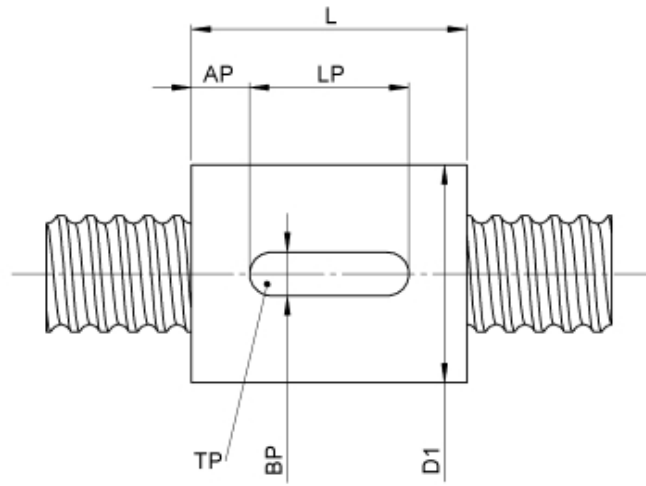
1214/4.12.355.397

DESCRIPTION

- Nut Series 1214 with [internal ball return](#)
- Cylindrical nut with 4-point-contact, without wipers
- Nut shape design for assembling in a housing
- Single start ball thread, ground execution according to accuracy class P1 - P5
- Miniature ball screws also available with axial play



TECHNICAL DATA AND DIMENSIONS



| | | | | | | | |
|----------------------|-------|----|--------|-------------------------------------|-------|-----|---------------|
| Series | | | 1214 | Friction torque TO | [Ncm] | | 3,0 |
| Nominal diameter | [mm] | dN | 12 | Accuracy | | | P |
| Lead | [mm] | P | 4 | Preload/backlash free/with backlash | | | backlash free |
| Shaft style | | | A | Nut length | [mm] | L | 22 |
| Nominal stroke | [mm] | | 300 | Dynamic load capacity | [kN] | Ca | 3,60 |
| Overall length | [mm] | G1 | 397 | Static load capacity | [kN] | C0a | 4,30 |
| Thread length | [mm] | G2 | 355 | Position keyway | [mm] | AP | 3,5 |
| Ball circles | | i | 1x3 | Width keyway | [mm] | BP | 5 |
| Ball diameter | [mm] | dW | 2 | Length keyway | [mm] | LP | 16 |
| DN-value | | | 120000 | Depth keyway | [mm] | TP | 1,9 |
| No. of starts | | | 1 | Pilot diameter | [mm] | D1 | 19 |
| Friction torque FROM | [Ncm] | | 3,0 | Pilot diameter tolerance | [mm] | | h6 |

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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