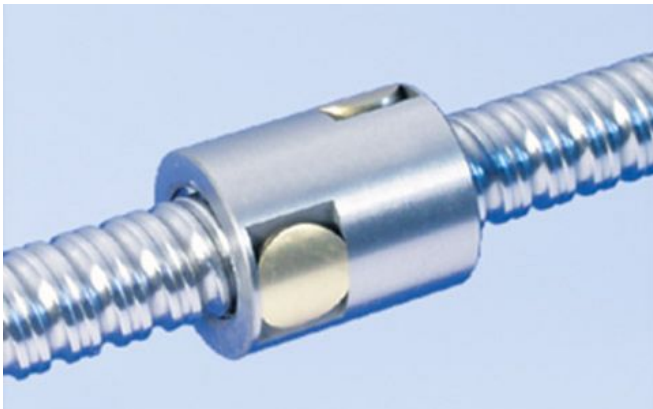


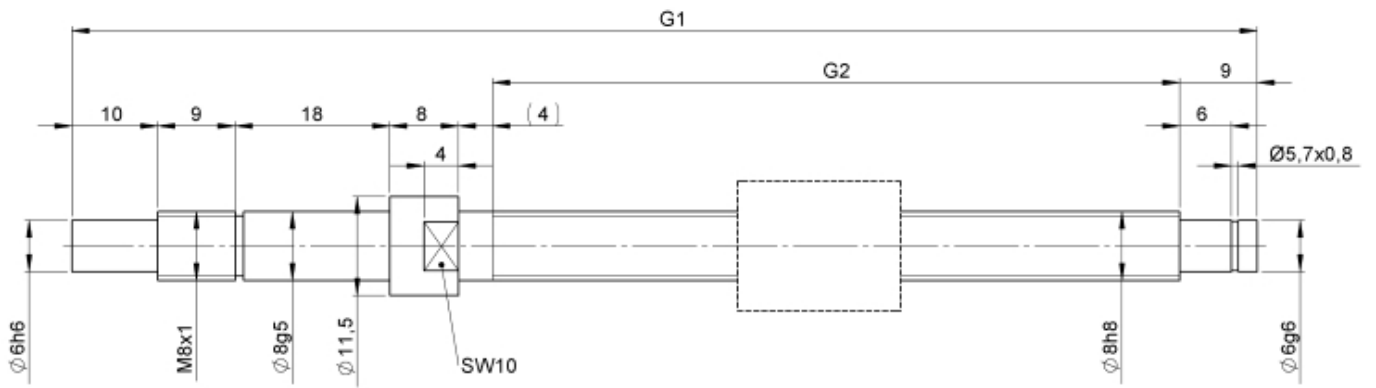
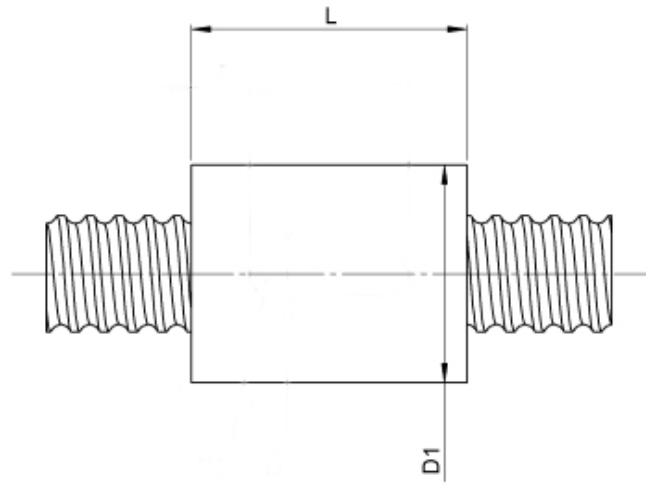
1214/1.8.140.198

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 | | | No. of starts | 1 | | |
| Nominal diameter | [mm] | dN | 8 | Friction torque FROM | [Ncm] | 2,0 | |
| Lead | [mm] | P | 1 | Friction torque TO | [Ncm] | 2,0 | |
| Shaft style | B | | | Accuracy | P | | |
| Nominal stroke | [mm] | 100 | | Preload/backlash free/with backlash | backlash free | | |
| Overall length | [mm] | G1 | 198 | Nut length | [mm] | L | 14 |
| Thread length | [mm] | G2 | 140 | Dynamic load capacity | [kN] | Ca | 0,90 |
| Ball circles | i | | 1x3 | Static load capacity | [kN] | C0a | 1,20 |
| Ball diameter | [mm] | dW | 0,8 | Pilot diameter | [mm] | D1 | 15 |
| DN-value | 120000 | | | 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