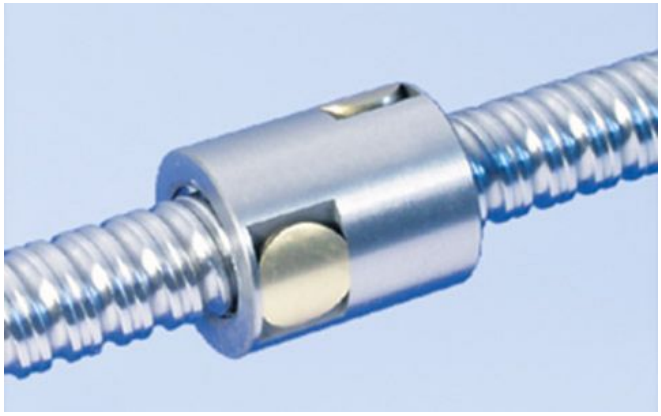
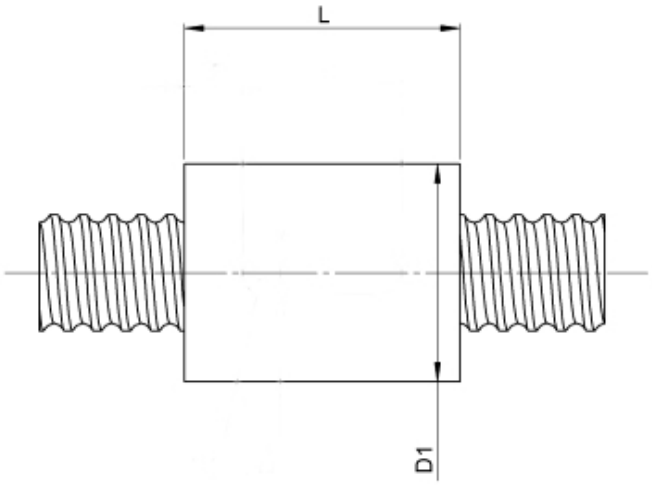
# 1214/2.6.65.105

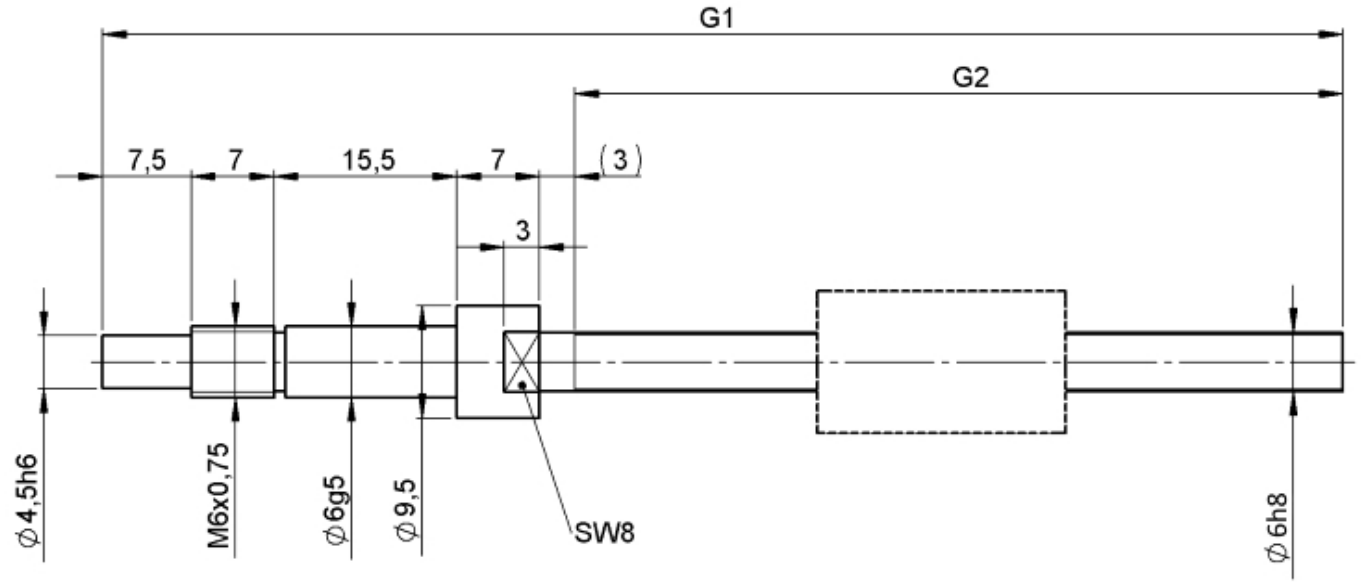
## DESCRIPTION

- 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


L
D1


G1
G2
7,5
7
15,5
7
(3)
3
⌀4,5h6
M6x0,75
⌀6g5
⌀9,5
SW8
⌀6h8

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Series | | | 1214 | No. of starts | | | 1 |
| Nominal diameter | [mm] | dN | 6 | Friction torque FROM | [Ncm] | | 1,5 |
| Lead | [mm] | P | 2 | Friction torque TO | [Ncm] | | 1,5 |
| Shaft style | | | B | Accuracy | | | P |
| Nominal stroke | [mm] | | 40 | Preload/backlash free/with backlash | | | backlash free |
| Overall length | [mm] | G1 | 105 | Nut length | [mm] | L | 13 |
| Thread length | [mm] | G2 | 65 | Dynamic load capacity | [kN] | Ca | 0,71 |
| Ball circles | | i | 1x3 | Static load capacity | [kN] | C0a | 1,08 |
| Ball diameter | [mm] | dW | 1 | Pilot diameter | [mm] | D1 | 12 |
| 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