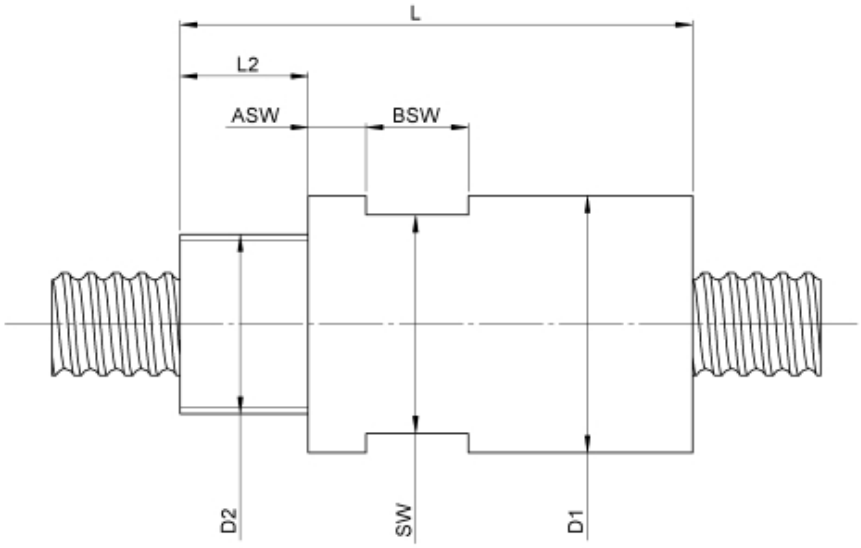
# 1510/2.16.889.971

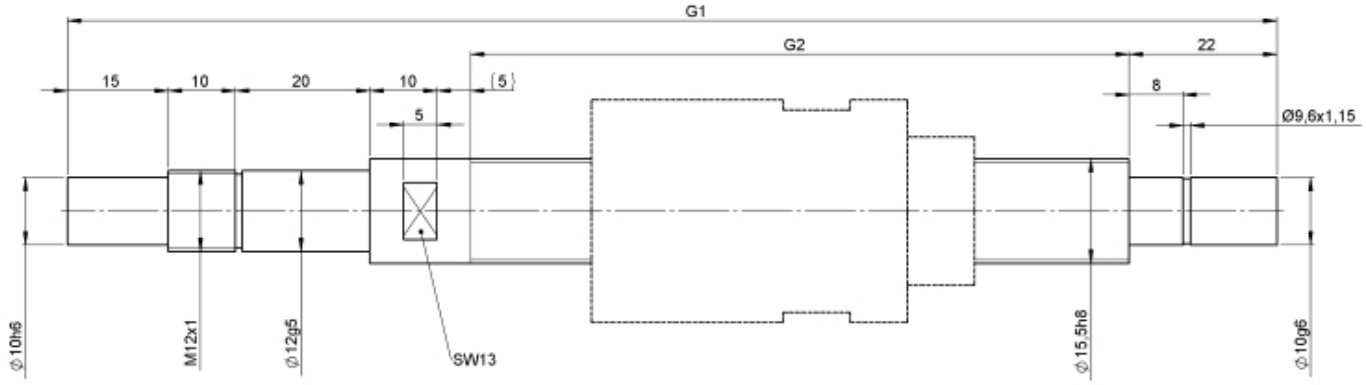
## DESCRIPTION

- 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



## TECHNICAL DATA AND DIMENSIONS


L
L2
ASW
BSW
D2
SW
D1


G1
G2
22
15
10
20
10
5
5
8
Ø9,6x1,15
⌀10h6
M12x1
⌀12g5
SW13
⌀15,5h8
⌀10g6

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Series | | | 1510 | Max. preload | [kN] | | 0,12 |
| Nominal diameter | [mm] | dN | 16 | Accuracy | | | P |
| Lead | [mm] | P | 2 | Preload/backlash free/with backlash | | | Preload |
| Shaft style | | | B | Nut length | [mm] | L | 57 |
| Nominal stroke | [mm] | | 800 | Max. axial load | [kN] | Fmax | 0,1 |
| Overall length | [mm] | G1 | 971 | Thread length | [mm] | L2 | 10 |
| Thread length | [mm] | G2 | 889 | Dynamic load capacity | [kN] | Ca | 2,10 |
| Ball circles | | i | 2x2 | Static load capacity | [kN] | C0a | 3,20 |
| Ball diameter | [mm] | dW | 1,5 | Pilot diameter | [mm] | D1 | 33 |
| DN-value | | | 120000 | Thread diameter | [mm] | D2 | M22x1 |
| No. of starts | | | 1 | Wrench flat | [mm] | SW | 30 |
| Friction torque FROM | [Ncm] | | 1,5 | Width wrench flat | [mm] | BSW | 10 |
| Friction torque TO | [Ncm] | | 3,0 | Position wrench flat | [mm] | ASW | 8,5 |

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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