



NEFF Telescopic Screw Drive S-TEG

2-stage synchronously extending telescopic screw drive as glide screw drive version or as ball screw drive version. As proven "N" design version — "Lifting screw" - or as non-rotating variant of the "VK" design, optionally with safety nut and integrated limit switches.

Standardised connecting options on request for gear, toothed belt or for the direct connection of a drive motor by means of a motor adapter flange or coupling.

The different variants can be selected on the basis of the product code.

General technical data:

- The intelligent drive unit ensures continuous torque and clearance throughout the entire stroke.
- Reduced friction values due to Teflon-coated aluminium materials (glide screw version)
- The safety nuts for the glide screw version may optionally be set for fracture or wear.
- For the ball screw version, nuts from the standard product range are used, thus ensuring availability of stock goods and quick replacement.



Technical specifications:

Max. stroke power with ball drive: 16400 N

Max. stroke power with glide screw drive:1) 10500 N

Maximum stroke length: up to 2400mm

> 2400mm on request

Stroke per revolution of the drive shaft: 10mm

Up to 100mm on request

Axial clearance with ball screw drive: 0.1mm (standard)

< 0.1mm on request

Axial clearance with glide screw drive: max. 0.4mm

< 0.4mm on request

Accuracy classes: T7: 52µm/300mm²)

T9: 130µm/300mm T10: 210µm/300mm

Efficiency with ball screw drive: 0.76

Efficiency with glide screw drive: 0.21 (version: 10mm stroke per revolution)

0.68 (version: 100mm stroke per revolution)

Idling torque with ball screw drive: 0.054 Nm Idling torque with glide screw drive: 0.133 Nm

Maximum admissible drive torque: 30Nm

1) Depending on the pv value (load x speed)

2) Only available for ball screw version

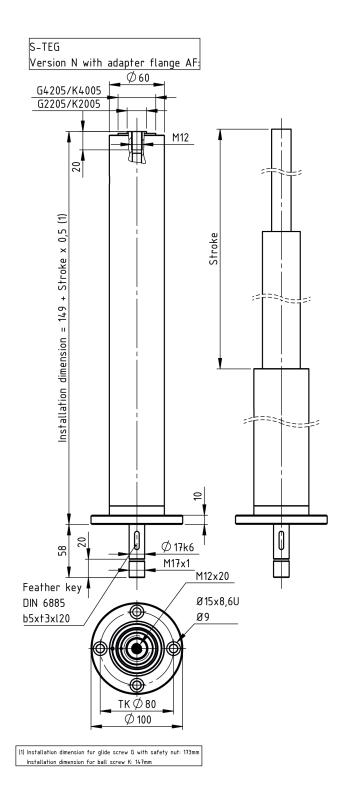


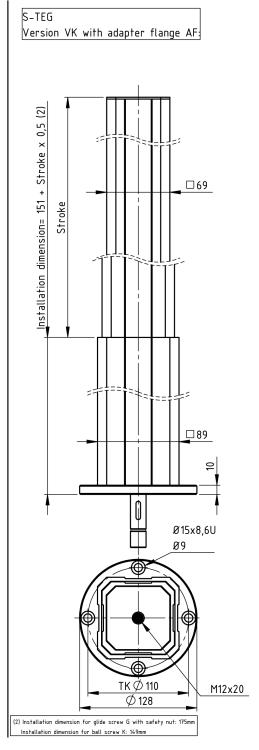






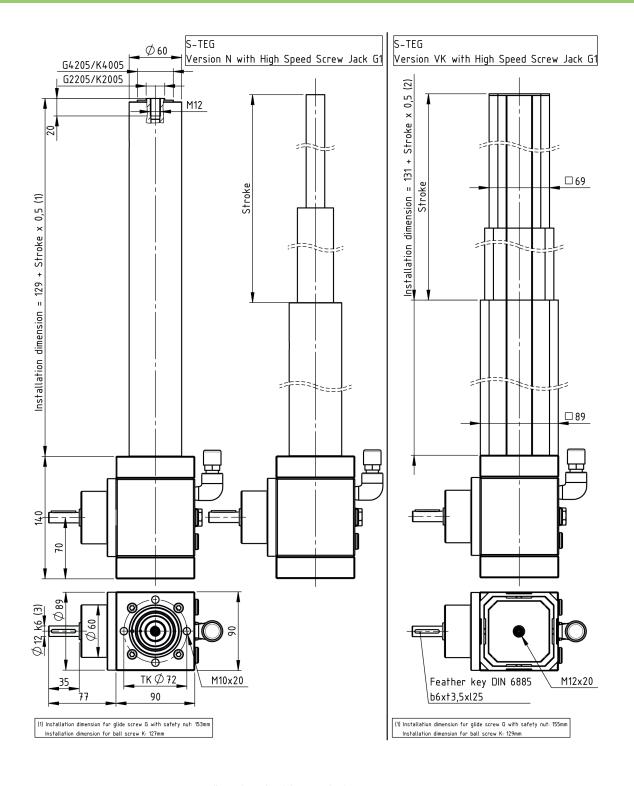
S-TEG-N-VK with adapter flange AF







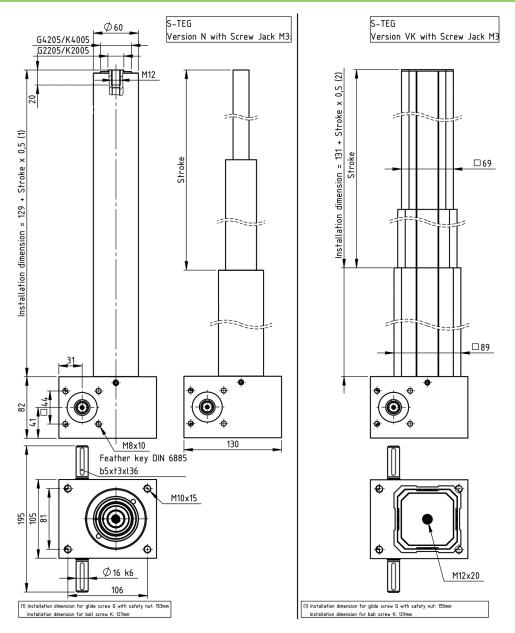
S-TEG-N-VK with High Speed Screw Jack G1



^{*} optional with translation 2:1 or 3:1

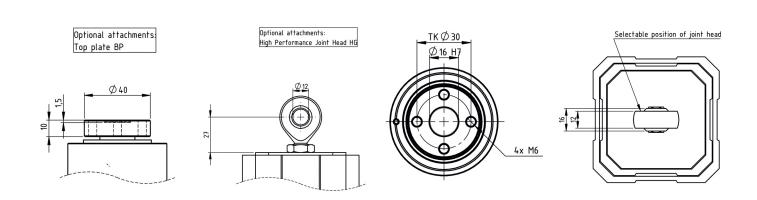


S-TEG-N-VK with Screw Jack M3



*optional with translation 6:1 or 24:1

Attachment parts S-TEG





Ordering code

S-TEG Synchron-Telescope drive

1	2 3 4	(5 6 7 8 9 10 11
No.	Designation	Code	Description
1	Product abbreviation	S-TEG	Synchron-Telescop drive
2	Design	N VK	Lifting screw Lifting screw (protected against twisting by square tube)
3	Screw design	G K	Glide screw Ball screw
4	Screw size	4205- 2205 4005- 2005	Standard for Glide screw: 1. Step: 4205= Ø 42mm, 5mm Pitch 2. Step: 2205= Ø 22mm, 5mm Pitch Standard for ball screw: 1. Step: 4005= Ø 40mm, 5mm Pitch 2. Step: 2005= Ø 20mm, 5mm Pitch
5	Accuracy class of the screw	T7 T9 T10	52μm/300mm (Only for ball screw) 130μm/300mm 210μm/300mm
6	Safety nut	0 SFM	none Safety nut (Only for glide screw)
7	Stroke		Stroke length in [mm]
8	Attached parts screw end	0 BP HG	none (M12 Threaded) With Top plate BP With High Performance Joint Plug HGK
9	Attached parts driving side	AF MG M3 G1	With adaper flange AF With mounted Screw Jack M3 With mounted High Speed Screw Jack G1
(10)	Limit switches	0 IEND	none With inductive limit switches
(11)	Special requirements	0	none According to specificatin, description or drawing