

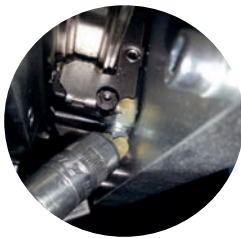
APPLICATION SOLUTION FOR LUBRICATION CONNECTIONS

THE CHALLENGE

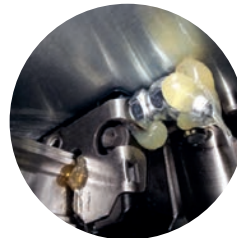
- Leaky grease nipples on the carriages of a profiled rail guide lead to increased lubricant requirements and contamination of machines, systems and products.

THE CAUSE

- Often the threads of the screw-in connections are too short, so that they cannot seal as intended in the bore bottom of the POM ball guide of the carriage.
- According to the manufacturer of the linear guide, the thread lengths of the connection should correspond as closely as possible to the depth of the threaded hole.
- If the screw-in thread is too long, the lubrication channels in the carriage will be squeezed.
- If the screw-in thread is too short, leakage will occur.



Leakage at the grease nipple (thread is too short)



Leakage during operation of the grease nipples

EISELE OFFERS THE READY SOLUTION



- ✓ Eisele offers solutions for the central lubrication system that are specially adapted for carriages of a linear guide.
- ✓ In addition to standard solutions, we also offer adapted connection technology with thread-sealing system solutions tailored to the dimensions of the customer application. If the screw-in thread is too long, the lubrication channels in the carriage are squeezed.
- ✓ Our connection technology is designed for pressure surges of 60 bar (higher on request).
- ✓ They are more space-saving than standard solutions due to the reduction of the diameter and require no further intermediate components during shoring.
- ✓ Due to our optimized machinery even small series are possible under favorable conditions.

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SUITABLE PRODUCTS



Elbow screw-in connector

- Swiveling
- Seal in thread

Part no.	Thread	Thread length	for tube
SA1926-57-4602	M6	8 mm	OD4 + 5/32"



Straight screw-in connector

- Sealing without seal rings

Part no.	Thread	Thread length	for tube
SA1926-63-4218 with release ring	M3	5 mm	OD3
SA1926-4602 with release sleeve	M6	8 mm	OD3 + 5/32"



Manifold

Part no.	Thread
SA1926-014549	1x M6 + 2x M5
SA1926-024549	2x M6 + 4x M5
SA1926-044549	4x M6 + 8x M5
SA1926-084549	8x M6 + 16x M5



Elbow screw-in connector

- Swiveling
- Seal in thread

Part no.	Thread	Thread length	for tube
SA1535	M6	10 mm	OD4 + 5/32"



Straight screw-in connector

- Seal in thread

Part no.	Thread	Thread length	for tube
SA1534	M6	10 mm	OD4 + 5/32"