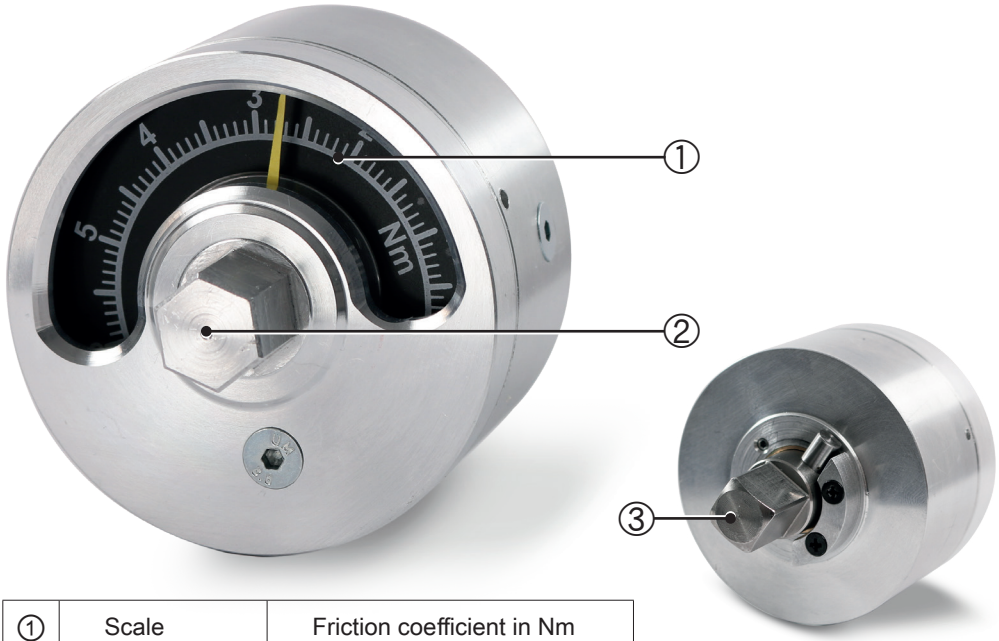
Coefficient of friction tester

VAS 6523A



①	Scale	Friction coefficient in Nm
②	Drive	AF 13
②	Output	Socket wrench adapter 1/2"

Contents

1. Intended use

For measuring the friction torque at the cardan shaft flange of, for example Amarok.
The friction torque can be read off the VAS 6523A coefficient of friction tester using a plug-in insert (1/2" drive) and an electric drill screwdriver at low speed (max. 50 rpm).

2. Use

See Repair Guide.

3. Safety provisions

– Safe working with the device is only possible if you read the operating instructions and safety information thoroughly and strictly observe the directions that they contain. Keep the operating instructions for later reference or pass them on to possible new owners.

– Before each **use** of the measurement device, please check the housing for visible damage. Should damage be visible, the device must not be used.

– Do not subject the device to any extreme temperatures, direct sunlight, extreme humidity or wet.
– No technical modifications to the unit may be made.
– The device may only be cleaned with a moist cloth. Do not use any abrasive cleaners or cleaning agents containing solvents.
– Furthermore, this measuring device may not be used if the ambient conditions (temperature, humidity ...) are outside the limits stated in the specifications.

– The measuring device may not be used in an explosive atmosphere.
– The limit values stated in the specification for the parameters must not be exceeded under any circumstances whatsoever.
– Failure to comply with these safety notes may result in damage to the unit and injuries to the operator.

4. Initial operation

IMPORTANT!
– Check for damage before starting up.
– Do not operate the device if damaged.

5. Technical data, specifications

Measurement range	0.5…6 Nm
Connection	Socket wrench adapter 1/2" and AF 13
Operating temperature	-10…+50 °C
Storage temperature	-15…+55 °C
Weight	0.4 kg
Dimensions Ø x H	Diameter 60 mm, height 82 mm

6. Maintenance and storage

Only clean the device with a dry, soft cloth. Be careful when cleaning in order to avoid scratching. In case of heavy soiling, the cleaning cloth can be moistened slightly with water. No moisture is allowed to ingress into the inside of the product. Do not use any cleaning agents or chemicals as this may damage the material.

Store your product in a dry, dust-protected environment. Avoid places with higher temperatures and moisture or places which can become wet, also for maintenance.

Repairs must be carried out exclusively by the manufacturer.
Keep the original packaging to avoid damage during transportation.

7. Calibration and readjustment

The internal parts of the VAS 6523A are subject to normal wear during use. The accuracy of the display values must therefore be checked regularly. If not specified by internal regulations of the operator (e.g. test equipment monitoring according to ISO 9000 and following standards), we recommend carrying out an inspection after 12 months, in accordance with EN ISO 6789. The 12 months are counted from the date of the initial start-up.

The inspection in accordance with EN ISO 6789 can be carried out by the manufacturer or the technical consultant of the test equipment monitoring department. If deviations occur during the inspection, the VAS 6523A must be readjusted by the manufacturer or specialist consultant for the test equipment monitoring. Information on readjustment can be obtained from the manufacturer.

8. Old device disposal

Old devices must not be disposed of with household waste.
For disposal, return the old device to the dealer where it was purchased. The device must be disposed of in accordance with legal regulations.

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