

Guiding Rods

Aluminum GUS rods, fiberglass rods,
aluminum GVS rods, stainless steel GAVS rods

GVS

Aluminum GVS rods



GAVS

Stainless steel GAVS rods



GUS

Aluminum GUS rods



Applications

The torsionally rigid GVS rod has a crescent moon shaped profile and a patented coupling. It is primarily used when the guidance and positioning of borehole investigation probes must be performed with the highest possible precision. The stainless steel version GAVS rod is for use in harsh environments.

Versions

- Patented coupling without guide wheels – suitable for relatively short measurement distances
- Patented coupling with 2 guide wheels to reduce friction, making it suitable even for longer measurement distances

Technical data	GVS rods	GAVS rods
Dimensions Ø	30 mm (standard GVS rod); 48 mm (at the coupling with guide wheel)	30 mm (standard GAVS rod); 48 mm (at the coupling with guide wheel)
Material	Solid aluminum profile with cable groove	Solid stainless-steel profile with cable groove
Length each rod	2.0 m	2.0 m
Weight	Approx. 1.4 kg	Approx. 2.6 kg

Applications

The GUS-rod allows precise positioning of probes in horizontal and inclined boreholes.

Versions

- Quick-connect coupling without guide wheels suitable for relatively short measurement distances
- Quick-connect coupling with 3 guide wheels to reduce friction, making it suitable even for longer measurement distances

Technical Data

Dimensions	15 × 15 × 2 mm U-profile
Material	Aluminium
Length each rod	1.5 m or 2.0 m (optional) / 1.5 m
Weight	Approx. 0.6 kg (für 2.0)

RA 1056

Fiberglass rods



Applications

The fiberglass rod is suitable for flexibly guiding probes in horizontal and inclined boreholes with sharp changes in direction. Due to its low weight, the fiberglass rod is particularly well-suited for use in rough terrain“

Versions

- As a roll on a reel with a coupling element
- Single rod with quick-connect coupling without guide wheels suitable for relatively short measurement distances
- Single rod with quick-connect coupling with 4 guide wheels to reduce friction, therefore also suitable for longer measurement distances.

Technical data

Dimensions Ø	30 mm (at the coupling) 43 mm (at the coupling with guide wheel) outer diameter fiberglass: 11 mm
Material	Fiberglass rod with protective coat
Length each rod	2.0 m / 1.5 m or as a roll up-to max. 300 m
Weight	0.6 kg (für 2.0 m)