

Drilling technology

Procedures and applications

	VibroDrills	Hydraulic drifters	Rotary drives	Double-headed drilling systems
Drilling procedures	Vibratory drilling (rotating-vibrating) (single drill string or overburden) drilling)	Rotary percussive drilling (single drill string or overburden drilling)	Rotary drilling (+ single drill string or overburden drilling + DTH-hammer)	Overburden drilling (rotating-rotating or rotating-hammering or rotating-rotating + DTH-hammer)
Applications	Slope stabilisation Back anchorage & foundation stabilisation: selfdrilling anchors (micropiles) Strand anchors Geothermal drilling Geotechnical drilling (e.g. core drilling)	Slope stabilisation Back anchorage & foundation stabilisation: self-drilling anchors (micropiles) Strand anchors	Rotary drive: slope stabilisation Back anchorage & foundation stabilisation Rotary drive + DTH-hammer: geothermal drilling Slope stabilisation Back anchorage	Slope stabilisation Back anchorage & foundation stabilisation: self-drilling anchors (micropiles) & strand anchors Geothermal drilling Geotechnical drilling (e.g. core drilling)
Geology	Rock Mixed soils Water-bearing soil layers Soft & unstable soils	Rock Mixed soils Unstable soils	Soft soils (rotary drive) Rock & mixed soils (rotary drive + DTH-hammer)	Mixed soils Water-bearing soil layers Soft & unstable soils
Portfolio terra infrastructure	VD50, VD100, VD150	HB5, HB15, HB20, HB35, HB45, HB50, HB60	HR15, HR20, HR35, HR50, HR60	HR50-HB45, HR60-HB45

