

## APPLICATIONS

KRINNER offers foundation solutions for an extensive range of applications and industries for example:

- Solar Systems
- Sustainable Construction
- Home Improvement and DIY Projects
- Timber Frame Construction
- Agricultural Structures
- Container Structures, Modular and Tiny Homes
- Fencing
- Street Light and Advertising Board Systems
- Light Rail Structures
- Highway and Traffic Signage Systems
- Telecommunication Tower Structures
- Specialty Shoring and Underpinning Systems
- Slope Stabilization and Earth Retention Systems

# KRINNER



## 100% ECO-FRIENDLY

KRINNER ground screws are recycleable and can be removed just as easily as they are installed



# KRINNER

## KRINNER GROUND SCREWS FOR SOLAR



## CONTACT

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## SYSTEM ADVANTAGE

KRINNER ground screws allow for a sustainable foundation within the shortest amount of time and with minimal site disturbance.



EFFICIENT



ECOLOGICAL



SAFE

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## ABOUT KRINNER

We are an internationally-active, second generation family company. Since our establishment in 2004, we have provided a sustainable and environmentally-friendly alternative to traditional foundation construction with our ground screws.

Our company is headquartered in Straßkirchen, Lower Bavaria. As a system provider, we supply our many sales partners all around the world with ground screws, suitable ground screw drivers and relevant installation expertise.

**KRINNER ground screws are eco-friendly, efficient and safe**

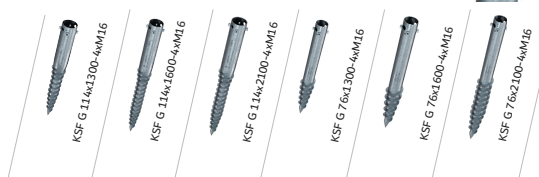
### Advantages of KRINNER Ground Screws

With a KRINNER ground screw-based foundation, there are many advantages in comparison to a conventional concrete foundation that are sure to win you over. Our products have been designed to be extremely sustainable and they ensure a high level of efficiency and safety when it comes to installing your foundation.

## OVERVIEW KRINNER GROUND SCREWS

The G- Series ground screws are open on top and are ideal for the quick, vertical installation of multi-point and single-pole, solar PV ground mount racking systems, masts and fence posts among other applications. They come equipped with four threaded nuts for set screws. It is worth noting that the KRINNER G- Series was specifically developed for solar applications and is widely available through our North American Distribution Network. With millions of KRINNER Ground Screws installed globally the KRINNER Network is happy to advise you.

**G-SERIES** Sustainable Foundation for Solar Projects



Outer-Ø (mm)	114	114	114	76	76	76
Inner-Ø (mm)	107	107	107	71	71	71
Length	1300	1600	2100	1300	1600	2100
Nut	4xM16	4xM16	4xM16	4xM16	4xM16	4xM16
Length of helix (mm)	700	700	1100	750	850	1150



**DTG Hex Drive Tool**  
Available in 114 or 76 x 2", 2.5" or 3"



## KRINNER GROUND SCREW DRIVERS

We have the right screw-driving technology and know-how for all our KRINNER ground screws. We have a range of screw drivers that we designed and manufactured ourselves to meet the diverse range of possible applications. You can choose from electric manual screw driving tools, hydraulic excavator add-ons and self-driving caterpillars. Each machine fulfils different requirements and has specific advantages. However, all KRINNER machines have one thing in common: they are very light and simple to operate, but they are extremely powerful.



### Manual screw drivers KRE 20 – The powerful step up

Performance characteristics:

- 230 volt
- Approx. 3,500 Nm torque
- Compatible with all Krinner screw driving attachments



### KR E 25 – the krinner power machine The KR E 25 is a more powerful manual screw driver with more torque.

Performance characteristics:

- 230 volt
- Approx. 8,000 Nm torque
- Approx. 3,500 Nm torque
- Compatible with all KR E - 25 Krinner screw driving attachments



### Self-driving caterpillar KR D 30 – Lightweight but powerful

Performance characteristics:

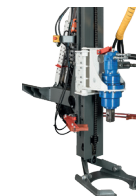
- Approx. 8,000 Nm torque
- 2.4 m drill lift
- Only 1.1 t transport weight
- Precisely-defined feed force



### Hydraulic excavator add-on KR P System - The Power Solution

Technical Data Type 25000 Max

- Max. operating pressure 240 bar
- Factor for torque 94 Nm/bar
- Net weight approx. 270 kg
- Recommended excavator 12t and up



### Hydraulic excavator add-on (drill attachment) KRL – The perfect combination of precision and strength performance characteristics:

- Approx. 15,000 Nm torque
- Quick-change attachment
- For projects with large foundations (diameters up to 140 mm; wall thickness up to 6.3 mm)