



KRINNER
The Ground Screws

E SERIES

www.krinner.com



E SERIES

The KRINNER Ground Screw with eccentric adjustment for exact alignment



E SERIES

The KRINNER Ground Screw with eccentric adjustment for exact alignment



The E Series of ground screws can be optionally equipped with excenter to suit the application conditions. The excenter allows fine adjustment and ensures perfect vertical alignment of the erected object. The system is especially well suited to resonance- and vibration-dampened installation of poles and masts.

RECOMMENDED DRIVERS:

For correct insertion of E Series ground screws, use the Ground Screw Driver **KR E 10** or **KR E 20**, **KR D 55** driver, or **KR B 40**, **KR B 60** or **KR B 250** Lot-o-Mat.

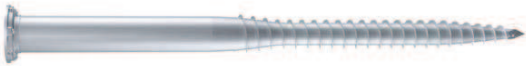
TIPS FOR INSTALLATION:

Before inserting the excenter, fill a small amount of granulate into the screw foundation. Tap the fixing ring down with a hammer before fixing with screws.

- Facilitates tightening of the excenter
- Dampens resonance and vibrations

Overview of E Series

KSF E 140x2100-E76-100		KSF E 140x1600-E76-100	KSF E 140x1300-E76-100	KSF E 89x1000-E60	KSF E 89x800-E60	KSF E 89x550-E60
Length (mm)		1600	1300	1000	800	550
Tube diameter (mm)		139.70	139.70	88.90	88.90	88.90
Weight (kg)		18.50	15.00	5.50	4.30	3.50
Item number		26160	25502	24100	24080	24055



KSF E 140x2100-E76-100



KSF E 140x1600-E76-100



KSF E 140x1300-E76-100



KSF E 89x1000-E60



KSF E 89x800-E60



KSF E 89x550-E60

Technical Data Sheet E Series

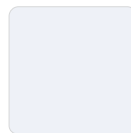
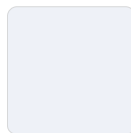
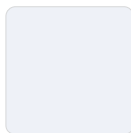
Basic Info

KSF E 140x2100- E76-100	KSF E 140x1600- E76-100	KSF E 140x1300- E76-100
Nominal length (mm)		
2100	1600	1300
Tube diameter (mm)		
139.70	139.70	139.70
Weight (kg)		
23.50	18.50	15.00
Item number		
25500	26160	25502

Construction

- Flange: GP240GH
- Coating: Hot-dip galvanized according to DIN EN ISO 1461
- Continuous welded helix

Applications



Accessories



Excenter Set-E76
Item No. 26810



Excenter Set-E80
Item No. 26814



Excenter Set-E90
Item No. 26813



Excenter Set-E100
Item No. 26809



Reducer-E76-E60
Item No. 26821



Reducer-E76-E70
Item No. 26822



**Cover Plate
2 mm-E76-100**
Item No. 26819



**Cover Plate
8 mm-E76-100**
Item No. 26829



**Attachment
Screw-E76-100**
Item No. 21837



KSF E 140x1300-
E76-100



Countersunk-E76-100
Item No. 26830

Subject to technical change!

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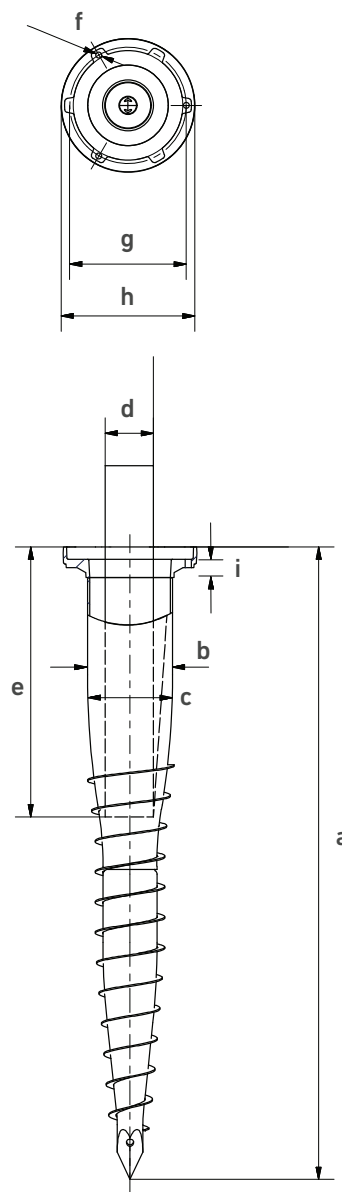
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Technical Data

	KSF E 140x2100- E76-100	KSF E 140x1600- E76-100	KSF E 140x1300- E76-100
a	Length (mm) (±25 mm)		
	2110	1640	1310
b	Outer diameter (mm)		
	139.70	139.70	139.70
c	Inner diameter (mm)		
	132.50	132.50	132.50
d	Diameter setting* (mm)		
	100 90 80 76**	100 90 80 76**	100 90 80 76**
e	Depth setting (mm) (±25 mm)		
	975 1010 1040 1040	730 775 810 810	565 630 650 650
f	Thread		
	3 x M12	3 x M12	3 x M12
g	Pitch circle diameter (mm)		
	192	192	192
h	Flange outer diameter (mm)		
	220	220	220
i	Flange thickness (mm)		
	14	14	14

* The diameter setting (d) determines the depth setting (e)

**Tip for installation: To adjust the depth setting, it is recommended to fill in ballast or insert an accessory plate



Online Service

KSF E 140x2100- E76-100	KSF E 140x1600- E76-100	KSF E 140x1300- E76-100
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Webkey

E2550011D

E2616011D

E2550211D



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Technical Data Sheet E Series

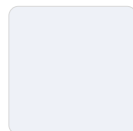
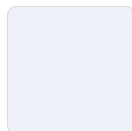
Basic Info

KSF E 89x1000-E60	KSF E 89x800-E60	KSF E 89x550-E60
Nominal length (mm)		
1000	800	550
Tube diameter (mm)		
88.90	88.90	88.90
Weight (kg)		
5.50	4.30	3.50
Item number		
24100	24080	24055

Construction

- Coating: Hot-dip galvanized according to DIN EN ISO 1461
- Continuous welded helix
- Patented conical body forged from a single piece of tubing

Applications



KSF E 89x800-E60

Accessories



Cover Plate 2 mm-E60
Item No. 24808



Clamp Ring-E60
Item No. 24802



Excenter-E60
Item No. 24801



Fair Level-E60
Item No. 24803



Excenter Set-E60
Item No. 24817



Fixing Screw-E60
Item No. 21808

Subject to technical change!

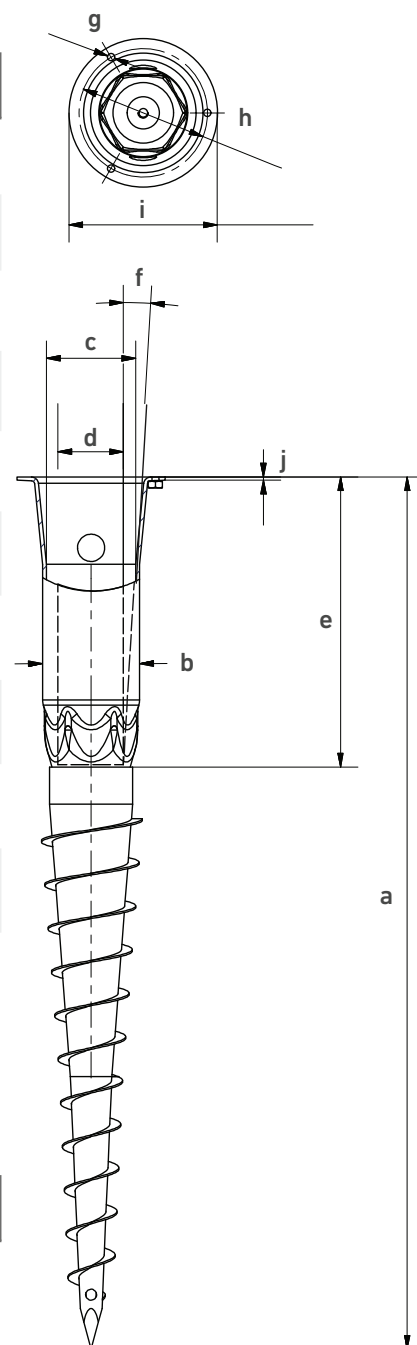
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Technical Data

	KSF E 89x1000-E60	KSF E 89x800-E60	KSF E 89x550-E60
a	Length (mm) (±25 mm)		
	1000	800	550
b	Outer diameter (mm)		
	88.90	88.90	88.90
c	Inner diameter (mm)		
	81.70	81.70	81.70
d	Diameter setting* (mm)		
	60	60	60
e	Depth setting (mm) (±25 mm)		
	270	270	270
f	Alignment range		
	3° (incl. Excenter)	3° (incl. Excenter)	3° (incl. Excenter)
g	Thread		
	3 x M8	3 x M8	3 x M8
h	Pitch circle diameter (mm)		
	118	118	118
i	Flange outer diameter (mm)		
	136	136	136
j	Flange thickness (mm)		
	3	3	3

*Diameter setting (a) result in depth setting (e) and alignment range (f)



Online Service

KSF E 89x1000-E60	KSF E 89x800-E60	KSF E 89x550-E60
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Webkey

E2410011D

E2408011D

E2405511D



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KRINNER
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F SERIES



F SERIES

The KRINNER Ground Screw with flange plates
for modular use



F SERIES

The KRINNER Ground Screw with flange plates for modular use



The F Series of ground screws are equipped with round or rectangular flanges. This allows the supported object to be fastened to ensure the greatest stability and safety of heavy or even extreme static loads.

RECOMMENDED DRIVERS:

For correct insertion of F Series ground screws, use the Ground Screw Driver **KRE 10** or **KRE 20**, **KRD 55**, or **KRB 40**, **KRB 60*** or **KRB 250*** Lot-o-Mat.

*Only partially suitable for flat flange.

INSTRUCTIONS FOR INSTALLING A GROUND SCREW WITH RECTANGULAR FLANGE (–R):



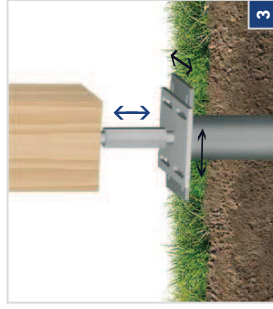
1

Drive the ground screw vertically into the earth.



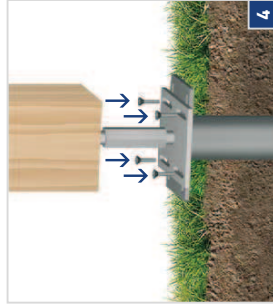
2

Connect the post anchor to the wood beam.



3

Place the post anchor (with post) onto the flange plate and align it.



4

Screw the post anchor onto the flange plate. Done.

Overview of F Series

KSF F 140x2100-M	KSF F 140x1600-M	KSF F 140x1300-P	KSF F 140x1600-P	KSF F 140x1300-P	KSF F 76x1600-R	KSF F 76x1300-R	KSF F 76x1000-R	KSF F 76x800-R
Length (mm)								
2100	1600	1300	1600	1300	1600	1300	1000	800
Tube diameter (mm)								
139.7	139.70	139.70	139.70	139.70	76.10	76.10	76.10	76.10
Weight (kg)								
24.00	20.00	13.50	17.00	13.50	12.00	7.50	6.00	4.50
Item number								
25490	25489	25483	25484	25483	25478	25477	25476	25475



KSF F 140x2100-M



KSF F 140x1600-M



KSF F 140x1600-P



KSF F 140x1300-P



KSF F 76x1600-R



KSF F 76x1300-R



KSF F 76x1000-R



KSF F 76x800-R

Technical Data Sheet F Series

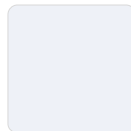
Basic Info

KSF F 140x1600-P	KSF F 140x1300-P
Nominal length (mm)	
1600	1300
Tube diameter (mm)	
139.70	139.70
Weight (kg)	
17.00	13.50
Item number	
25484	25483

Construction

- Flange: Sheet metal S355
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

Applications



Accessories



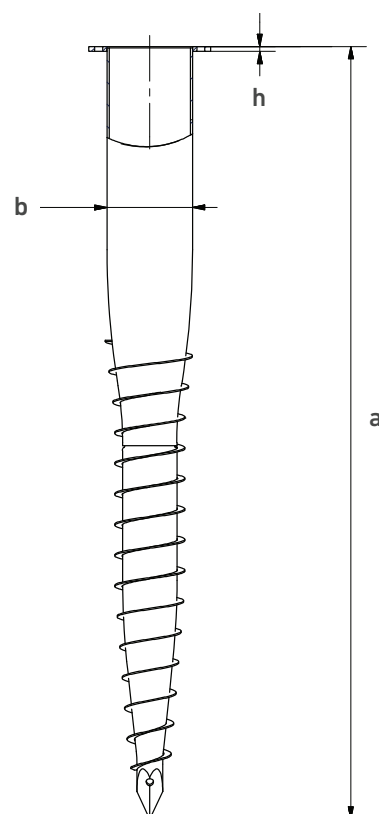
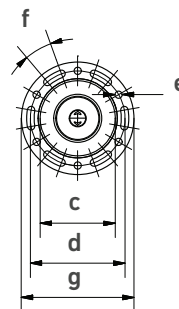
Cover Plate 2 mm-P
 Item No. 26818



KSF F 140x
 1300-P

Technical Data

	KSF F 140x1600-P	KSF F 140x1300-P
a	Length (mm) (± 25 mm)	
	1592	1262
b	Shaft outer diameter (mm)	
	139.70	139.70
c	Inner diameter (mm)	
	132.50	132.50
d	Pitch circle diameter (mm)	
	167	167
e	Pitch circle holes (mm)	
	6 x $\varnothing 13$	6 x $\varnothing 13$
f	Oblong hole	
	6 x $\varnothing 13$ - $< 20^\circ$	6 x $\varnothing 13$ - $< 20^\circ$
g	Flange outer diameter (mm)	
	199	199
h	Flange thickness (mm)	
	8	8



Online Service

KSF F 140x1600-P	KSF F 140x1300-P
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Webkey

F2548411D

F2548311D



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Technical Data Sheet F Series

Basic Info

KSF F 140x2100-M	KSF F 140x1600-M
Nominal length (mm)	
2100	1600
Tube diameter (mm)	
139.70	139.70
Weight (kg)	
24.00	20.00
Item number	
25490	25489

Construction

- Flange: Sheet metal S355
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

Applications



KSF F 140x
1600-M

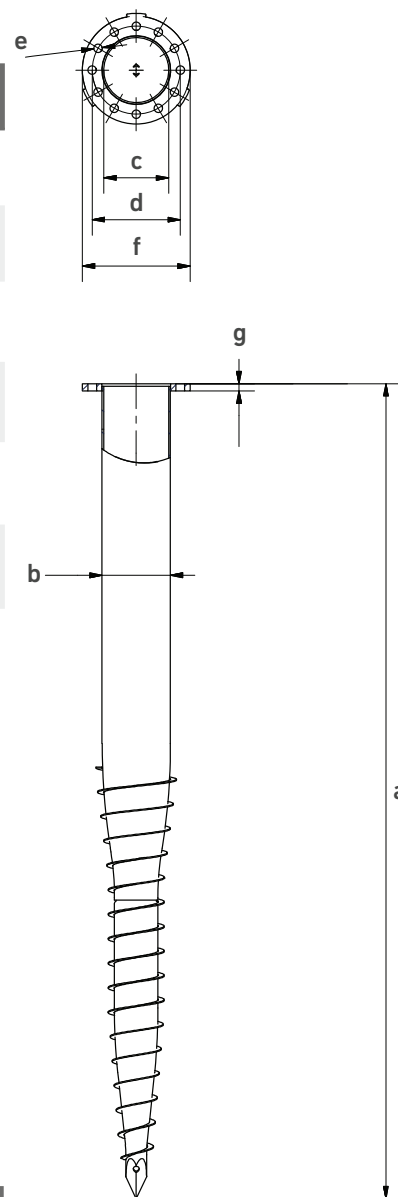
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Technical Data

	KSF F 140x2100-M	KSF F 140x1600-M
a	Length (mm) (± 25 mm)	
	2065	1665
b	Shaft outer diameter (mm)	
	139.70	139.70
c	Inner diameter (mm)	
	132.50	132.50
d	Pitch circle diameter (mm)	
	180	180
e	Pitch circle holes (mm)	
	12 x $\varnothing 17$	12 x $\varnothing 17$
f	Flange outer diameter (mm)	
	220	220
g	Flange thickness (mm)	
	15	15



Online Service

KSF F 140x2100-M	KSF F 140x1600-M
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Webkey

F2549011D

F2548911D



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Technical Data Sheet F Series

Basic Info

KSF F 76x1600-R	KSF F 76x1300-R	KSF F 76x1000-R	KSF F 76x800-R
Nominal length (mm)			
1600	1300	1000	800
Tube diameter (mm)			
76.10	76.10	76.10	76.10
Weight (kg)			
12.00	7.50	6.00	4.50
Item number			
25478	25477	25476	25475

Construction

- Flange: Sheet metal S355
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

Applications



Accessories



Post Bearer Plane-R
Item No. 28006



Post Bearer M24-R
Item No. 28007



Post Bearer M44-R
Item No. 28008



Post Bearer Sword-R
Item No. 28009



Post Bearer Side Flaps-R
Item No. 28010



Post Bearer Vario PS150-R
Item No. 28019



KSF F 76x1300-R

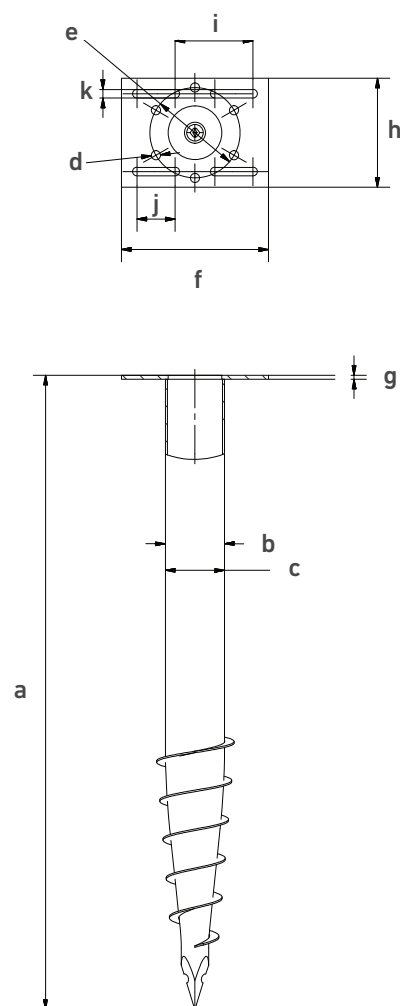
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Technical Data

	KSF F 76x1600-R	KSF F 76x1300-R	KSF F 76x1000-R	KSF F 76x800-R
a	Length (mm) (±25 mm)			
	1575	1275	1045	815
b	Shaft outer diameter (mm)			
	76.10	76.10	76.10	76.10
c	Inner diameter (mm)			
	68.90	70.90	70.90	70.90
d	Hole diameter (mm)			
	6 x Ø 11	6 x Ø 11	6 x Ø 11	6 x Ø 11
e	Pitch circle diameter (mm)			
	116	116	116	116
f	Flange length (mm)			
	189	189	189	189
g	Flange thickness (mm)			
	5	5	5	5
h	Flange width (mm)			
	140	140	140	140
i	Oblong hole grid size (mm)			
	100	100	100	100
j	Oblong hole length (mm)			
	49	49	49	49
k	Oblong hole diameter (mm)			
	11	11	11	11



Online Service

KSF F 76x1600-R KSF F 76x1300-R KSF F 76x1000-R KSF F 76x800-R

Webkey

F2547811D



F2547711D



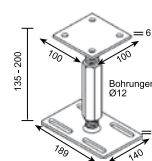
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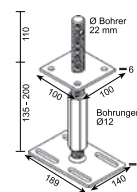
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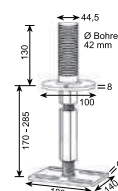
Post Anchor



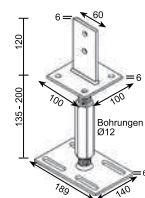
Flat R



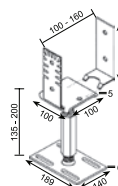
M24-R



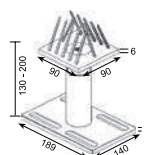
M44-R



Blade R



Side Tabs R



Vario PS 150-R

Subject to technical change!

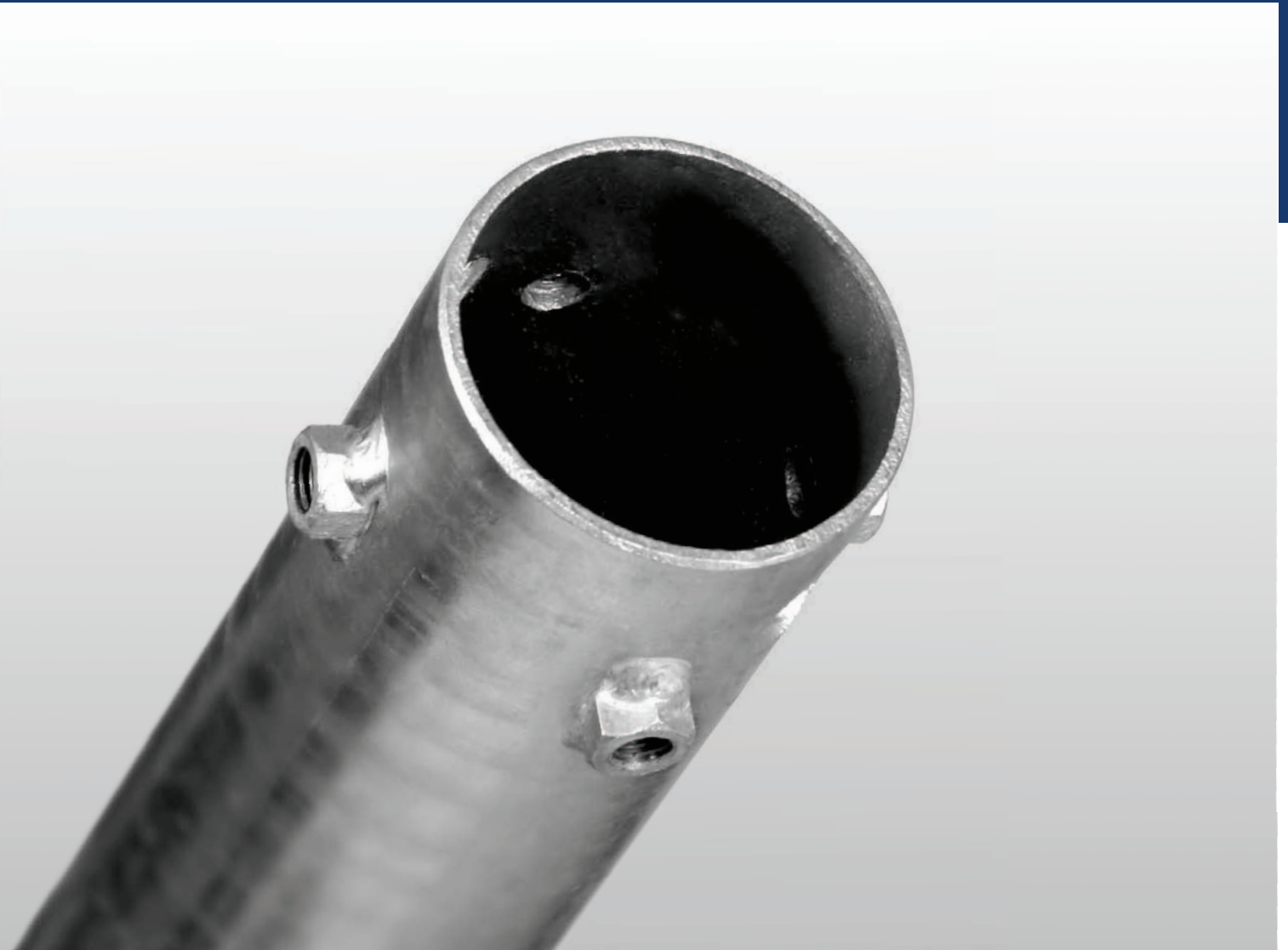
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KRINNER
The Ground Screws

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G SERIES



G SERIES

The KRINNER Ground Screw
with thread fixing



G SERIES

The KRINNER Ground Screw with thread fixing



The G Series of ground screws are equipped with one, three or four threaded screw connections. They are ideally suited to quick, vertical and permanent assembly of objects such as masts and fence posts.

Optionally, fence posts can also be secured quickly and permanently using the special granulate.

RECOMMENDED DRIVERS:

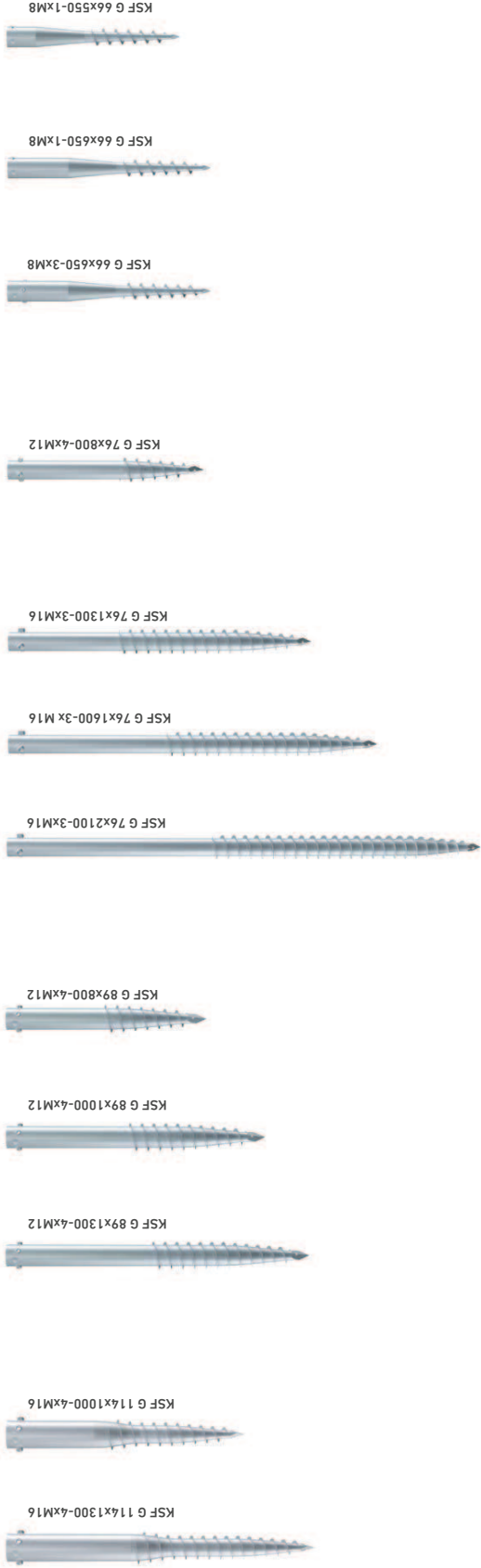
For correct insertion of G Series ground screws, use the Ground Screw Driver **KR E 10** or **KR E 20**, **KR D 55** driver, or **KR B 40**, **KR B 60** or **KR B 250** Lot-o-Mat.

These ground screws can also be driven into loose soil using manual driving tools or lever bars.

Overview of G Series

KSF G 114x1300-4xM16					KSF G 114x1000-4xM16					KSF G 89x1300-4xM12					KSF G 89x1000-4xM12					KSF G 89x800-4xM12				
Length (mm)																								
1300					1000					1300					1000					800				
Tube diameter (mm)					114.30					88.90					88.90					88.90				
Weight (kg)					8.50					7.80					6.60					5.80				
Item number					25460					25459					25458					25457				
25461																								

KSF G 76x2100-3xM16					KSF G 76x1600-3xM16					KSF G 76x1300-3xM16					KSF G 76x800-4xM12					KSF G 66x650-3xM8					KSF G 66x650-1xM8					KSF G 66x550-1xM8				
Length (mm)					1600					1300					800					650					650					550				
2100																																		
Tube diameter (mm)					76.10					76.10					76.10					66					66					66				
76.10																																		
Weight (kg)					10.50					8.50					3.80					1.85					1.60					1.60				
14.00																																		
Item number					25455					25454					24083					25452					20065					20055				
25456																																		



Technical Data Sheet G Series

Basic Info

KSF G 114x1300-4xM16 KSF G 114x1000-4xM16

Nominal length (mm)

1300 1000

Tube diameter (mm)

114.30 114.30

Weight (kg)

11.00 8.50

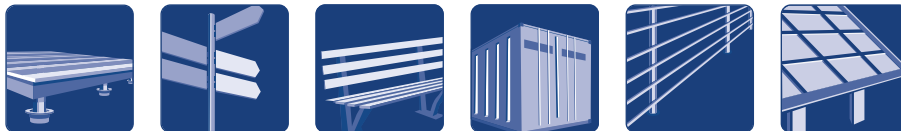
Item number

25461 25460

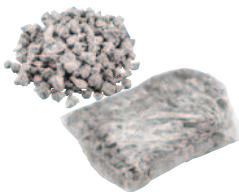
Construction

- Nut: DIN EN ISO 4032 - 8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

Applications



Accessories



**Special
Granulate 1500 g**
Item No. 21824



**Special
Granulate 500 g**
Item No. 21823



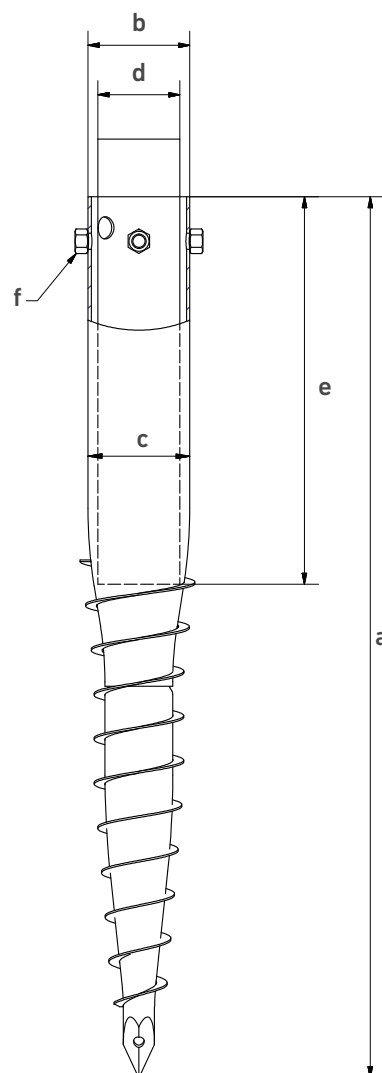
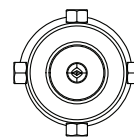
Screwing Bar long
2.40 kg
Item No. 24805



KSF G 114x
1300-4xM16

Technical Data

KSF G 114x1300-4xM16 KSF G 114x1000-4xM16		
a	Length (mm) (± 25 mm)	
	1300	990
b	Shaft outer diameter (mm)	
	114.30	114.30
c	Inner diameter (mm)	
	107.10	107.10
d	Diameter setting (mm)	
	100 90 80 76	100 90 80 76
e	Depth setting (mm) (± 25 mm)	
	490 540 570 590	350 400 440 460
f	Thread	
	4 x M16	4 x M16



Online Service

KSF G 114x1300-4xM16 KSF G 114x1000-4xM16	
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Webkey

G2546111D

G2546011D



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Technical Data Sheet G Series

Basic Info

KSF G 89x1300-4xM12	KSF G 89x1000-4xM12	KSF G 89x800-4xM12
Nominal length (mm)		
1300	1000	800
Tube diameter (mm)		
88.90	88.90	88.90
Weight (kg)		
7.80	6.60	5.80
Item number		
25459	25458	25457

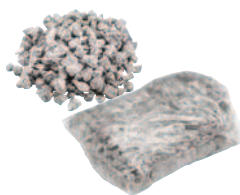
Construction

- Nut: DIN EN ISO 4032 - 8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

Applications



Accessories



**Special
Granulate 1500 g**
Item No. 21824



**Special
Granulate 500 g**
Item No. 21823



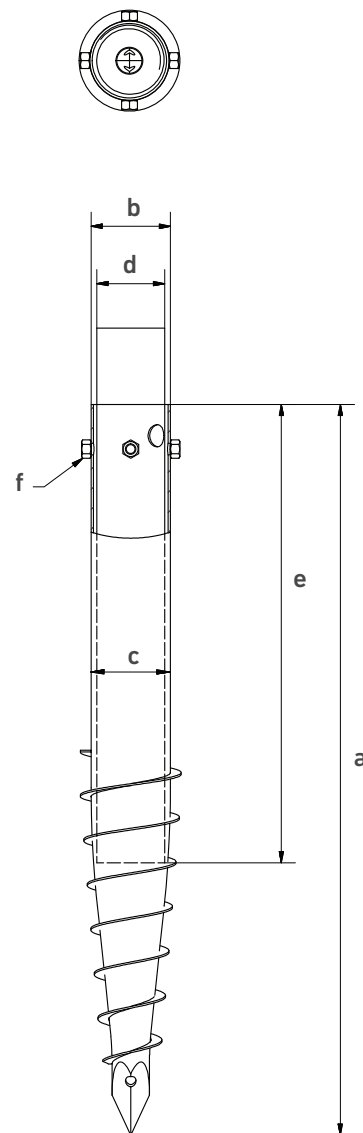
Screwing Bar long
2.40 kg
Item No. 24805



KSF G 89x
1300-4xM12

Technical Data

	KSF G 89x1300-4xM12	KSF G 89x1000-4xM12	KSF G 89x800-4xM12
a	Length (mm) (± 25 mm)		
	1280	1080	830
b	Shaft outer diameter (mm)		
	88.90	88.90	88.90
c	Inner diameter (mm)		
	83.70	83.70	83.70
d	Diameter setting (mm)		
	76 40x60 60 48	76 40x60 60 48	76 40x60 60 48
e	Depth setting (mm) (± 25 mm)		
	970 1020 1055 1090	780 830 855 900	520 570 600 640
f	Thread		
	4 x M12	4 x M12	4 x M12



Online Service

KSF G 89x1300-4xM12	KSF G 89x1000-4xM12	KSF G 89x800-4xM12
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Webkey

G2545911D

G2545811D

G2545711D



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Technical Data Sheet G Series

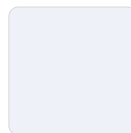
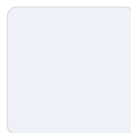
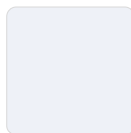
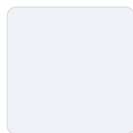
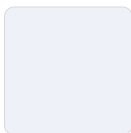
Basic Info

KSF G 76x2100-3xM16	KSF G 76x1600-3xM16	KSF G 76x1300-3xM16
Nominal length (mm)		
2100	1600	1300
Tube diameter (mm)		
76.10	76.10	76.10
Weight (kg)		
14.00	10.50	8.50
Item number		
25456	25455	25454

Construction

- Nut: DIN EN ISO 4032 - 8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

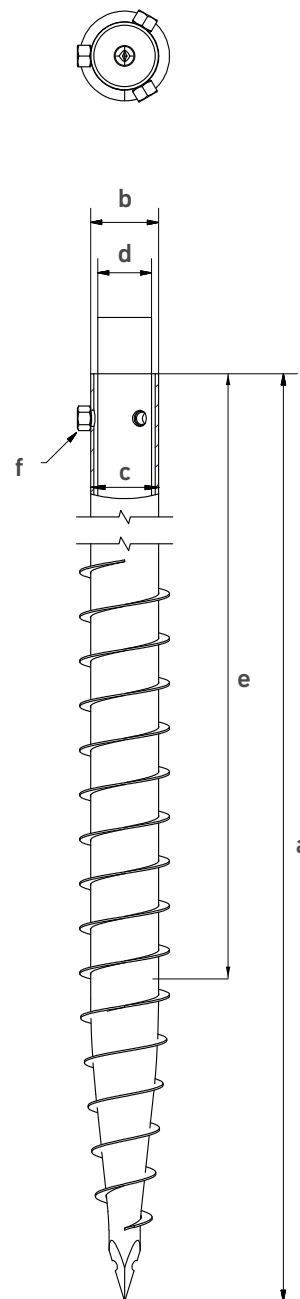
Applications



KSF G 76x
1300-3xM16

Technical Data

	KSF G 76x2100-3xM16	KSF G 76x1600-3xM16	KSF G 76x1300-3xM16
a	Length (mm) (± 25 mm)		
	2080	1580	1280
b	Shaft outer diameter (mm)		
	76.10	76.10	76.10
c	Inner diameter (mm)		
	68.90	68.90	68.90
d	Diameter setting (mm)		
	60	60	60
e	Depth setting (mm) (± 25 mm)		
	1815	1315	1020
f	Thread		
	3 x M16	3 x M16	3 x M16



Online Service

KSF G 76x2100-3xM16	KSF G 76x1600-3xM16	KSF G 76x1300-3xM16
Webkey		
G2545611D	G2545511D	G2545411D



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Technical Data Sheet G Series

Basic Info

KSF G 76x800-4xM12

Nominal length (mm)

800

Tube diameter (mm)

76.10

Weight (kg)

3.80

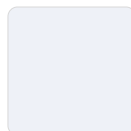
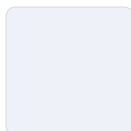
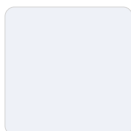
Item number

24083

Construction

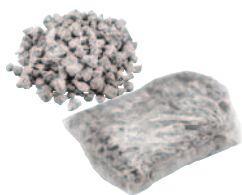
- Nut: DIN EN ISO 4032 - 8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

Applications



KSF G 76x800-4xM12

Accessories



**Special
Granulate 1500 g**
Item No. 21824



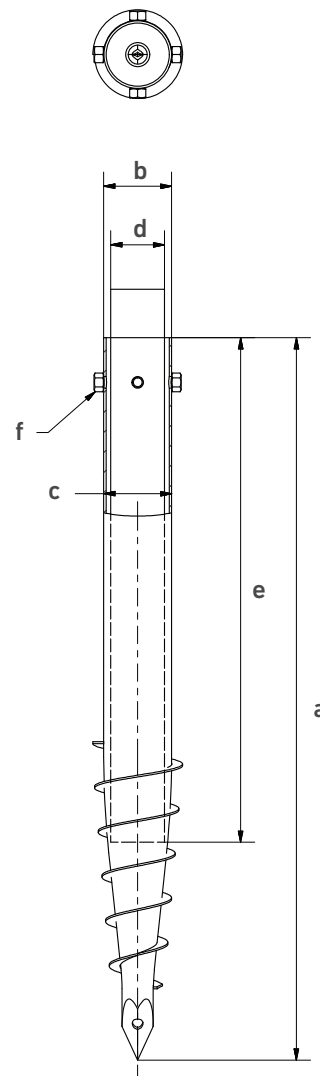
**Special
Granulate 500 g**
Item No. 21823



Screwing Bar long
2.40 kg
Item No. 24805

Technical Data

KSF G 76x800-4xM12	
a	Length (mm) (± 25 mm) 810
b	Shaft outer diameter (mm) 76.10
c	Inner diameter (mm) 70.90
d	Diameter setting (mm) 70 60 48 40 34
e	Depth setting (mm) (± 25 mm) 460 590 650 690 730
f	Thread 4 x M12



Online Service

KSF G 76x800-4xM12

Webkey
G2408311D



Technical Data Sheet G Series

Basic Info

KSF G 66x650-3xM8

Nominal length (mm)

650

Tube diameter (mm)

66

Weight (kg)

1.85

Item number

25452

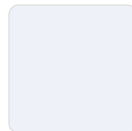
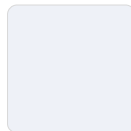
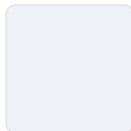
Construction

- Nut: DIN EN ISO 4032 - 8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461
- Patented conical body forged from a single piece



KSF G 66x650-3xM8

Applications



Accessories



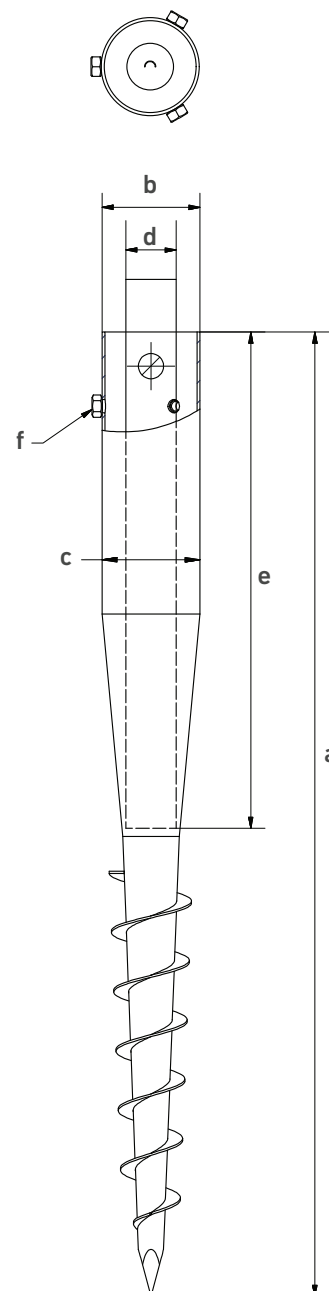
**Special
Granulate 500 g**
Item No. 21823



Screwing Bar short
0.60 kg
Item No. 20070

Technical Data

KSF G 66x650-3xM8	
a	Length (mm) (± 25 mm) 650
b	Shaft outer diameter (mm) 66
c	Inner diameter (mm) 62
d	Diameter setting (mm) 62 55.5 50 43 38.5 34
e	Depth setting (mm) (± 25 mm) 210 228 245 276 317 395
f	Thread 3 x M8



Online Service

KSF G 66x650-3xM8

Webkey

G2545211D



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Technical Data Sheet G Series

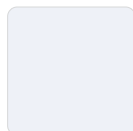
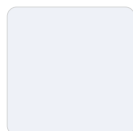
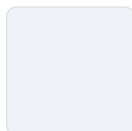
Basic Info

KSF G 66x650-1xM8	KSF G 66x550-1xM8
Nominal length (mm)	
650	550
Tube diameter (mm)	
66	66
Weight (kg)	
1.80	1.60
Item number	
20065	20055

Construction

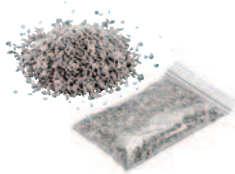
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461
- Patented conical body forged from a single piece

Applications



KSF G 66x650-1xM8

Accessories



Special Granulate 500 g
Item No. 21823



Reduction Sleeve Set-G66
0.10 kg
Item No. 21806



Pivot Linkage Cover-G66
0.30 kg
Item No. 21804



Twisting Element-G 66
0.10 kg
Item No. 21839



Screwing Bar short
0.60 kg
Item No. 20070



Foundation Cap-G 66
0.20 kg
Item No. 21805



Cover Plate-G 66
0.10 kg
Item No. 21856

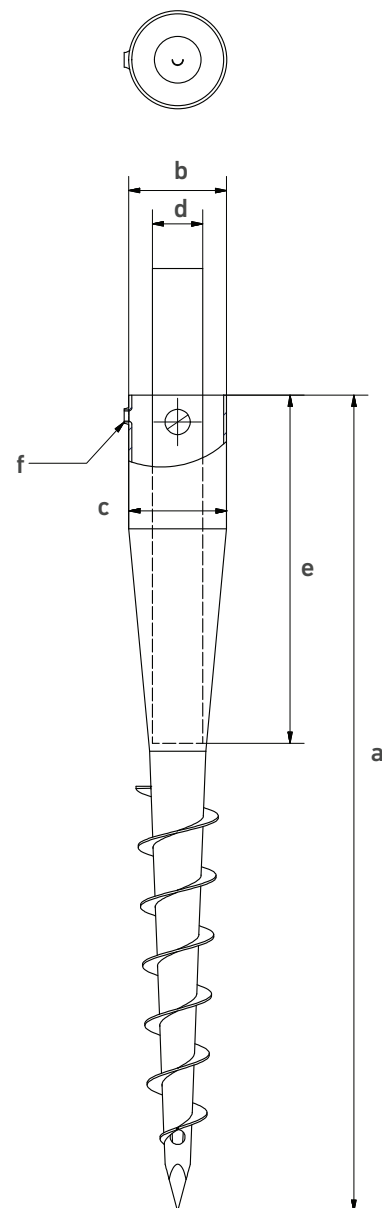
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Technical Data

	KSF G 66x650-1xM8	KSF G 66x550-1xM8
a	Length (mm) (±20 mm)	
	650	550
b	Shaft outer diameter (mm)	
	66	66
c	Inner diameter (mm)	
	62	62
d	Diameter setting (mm)	
	62 55.5 50 43 38.5 34	62 55.5 50 43 38.5 34
e	Depth setting (mm) (±20 mm)	
	210 228 245 276 317 395	110 128 145 176 217 295
f	Thread	
	1 x M8	1 x M8



Online Service

KSF G 66x650-1xM8	KSF G 66x550-1xM8
Webkey	
G2006511D	G2005511D





KRINNER
The Ground Screws

www.krinner.com



K SERIES

K SERIES

The resistant KRINNER Ground Screw
made of plastic



K SERIES

The resistant **KRINNER** Ground Screw
made of plastic

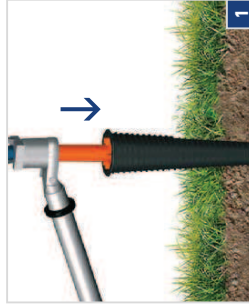


The affordable K Series of ground screws are made of extremely durable plastic and guarantee a long service life. With their conical shape and by using special granulate as a ballast, these foundations achieve remarkable stability values. This series is especially suited to putting up fence posts and signposts.

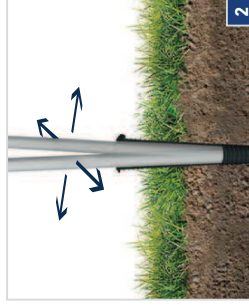
RECOMMENDED DRIVERS:

For correct insertion of K Series ground screws, use the Ground Screw Driver **KR E 10** or **KR E 20**, **KR D 55**, or **KR B 40**, **KR B 60** or **KR B 250** Lot-o-Mat. These ground screws can also be driven into loose soil using manual driving tools.

INSTRUCTIONS FOR INSTALLING K SERIES GROUND SCREWS:



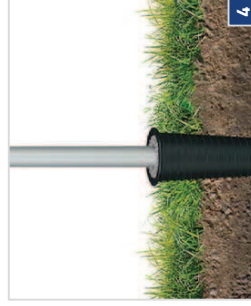
1 Drive the ground screw vertically into the earth using a manual driver or driving tool.



2 Insert the post into the screw foundation and align it vertically.



3 Fill special granulate into the screw foundation around the vertical post.



4 Tap the post, e.g. with the handle of a hammer, to compact the granulate. Done.

Recommendation for installation: If tensile loads are to be applied, e.g. on a corner post, then a cement emulsion must be poured in after installation.

Overview of K Series

KSF K 60x800	KSF K 42x650	KSF K 34x550
Length (mm)	650	550
800		
Weight (kg)	0.60	0.35
1.00		
Item number	22065	22000
22080		



KSF K 60x800



KSF K 42x650



KSF K 34x550

Technical Data Sheet K Series

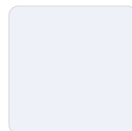
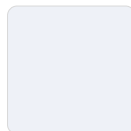
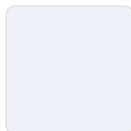
Basic Info

KSF K 60x800	KSF K 42x650	KSF K 34x550
Nominal length (mm)		
800	650	550
Weight (kg)		
1.00	0.60	0.35
Item number		
22080	22065	22000

Construction

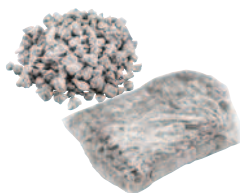
- Material: PP-EPDM
- Conical plastic shell with screw thread
- UV-stabilized
- Surface matt black

Applications



KSF K 60x800

Accessories



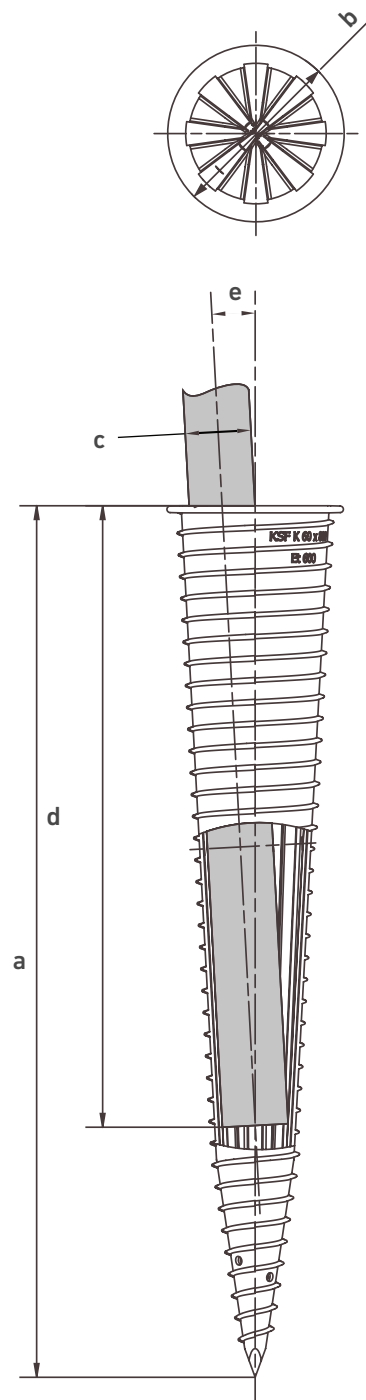
**Special
Granulate 1500 g**
Item No. 21824



**Special
Granulate 500 g**
Item No. 21823

Technical Data

	KSF K 60x800	KSF K 42x650	KSF K 34x550
a	Length (mm)		
	800	650	550
b	Outer diameter (mm)		
	163	136	98
c	Diameter setting (mm)		
	75 60 x 40 = Ø 72 70 60 48 42 34	48 42 34	42 34
d	Depth setting (mm)		
	425 470 480 575 640 660 690	455 500 530	325 400
e	Alignment range		
	3°	2.7°	2.5°



Online Service

KSF K 60x800	KSF K 42x650	KSF K 34x550
Webkey		
K2208011D	K2206511D	K2200011D



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M SERIES

The KRINNER Ground Screw
for direct mounting on the thread



M SERIES

The KRINNER Ground Screw
for direct mounting on the thread



The M Series of ground screws have a central M thread that allows the supported object to be bolted directly onto the screw foundation. They are suitable for pre-assembled garages and container buildings, for example.

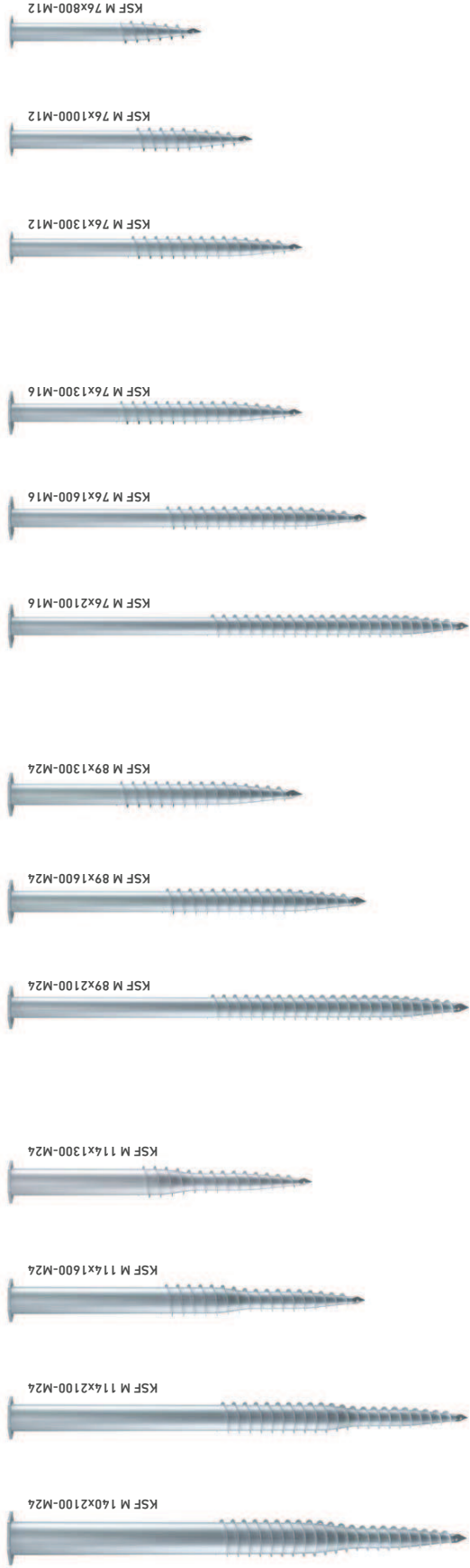
RECOMMENDED DRIVERS:

For correct insertion of M Series ground screws, use the Ground Screw Driver
KR E 10 or **KR E 20**, **KR D 55**, or **KR B 40**, **KR B 60** or **KR B 250**
Lot-o-Mat.

Overview of M Series

KSF M 140x2100-M24		KSF M 114x2100-M24		KSF M 114x1600-M24		KSF M 114x1300-M24		KSF M 89x2100-M24		KSF M 89x1600-M24		KSF M 89x1300-M24	
Nominal length (mm)		2100	2100	1600	1600	1300	1300	2100	2100	1600	1600	1300	1300
Tube diameter (mm)		139.70	114.30	114.30	114.30	114.30	114.30	88.90	88.90	88.90	88.90	88.90	88.90
Weight (kg)		26.00	21.00	16.00	16.00	13.00	13.00	18.00	18.00	14.00	14.00	11.50	11.50
Item number		25400	25352	25351	25351	25350	25350	25302	25302	25301	25301	25300	25300

KSF M 76x2100-M16	KSF M 76x1600-M16	KSF M 76x1300-M16	KSF M 76x1000-M12	KSF M 76x800-M12
Nominal length (mm)				
2100	1600	1300	1000	800
Tube diameter (mm)				
76.10	76.10	76.10	76.10	76.10
Weight (kg)				
16.00	12.50	10.00	5.30	4.20
Item number				
25204	25203	25202	25205	25200



Technical Data Sheet M Series

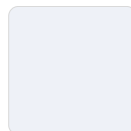
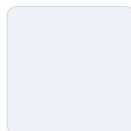
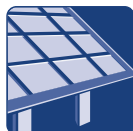
Basic Info

KSF M 140x2100- M24	KSF M 114x2100- M24	KSF M 114x1600- M24	KSF M 114x1300- M24
Nominal length (mm)			
2100	2100	1600	1300
Tube diameter (mm)			
139.70	114.30	114.30	114.30
Weight (kg)			
26	21	16	13
Item number			
25400	25352	25351	25350

Construction

- Flange: Sheet metal S355
- Nut: DIN EN ISO 4032-8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

Applications



KSF M 140x
2100-M24

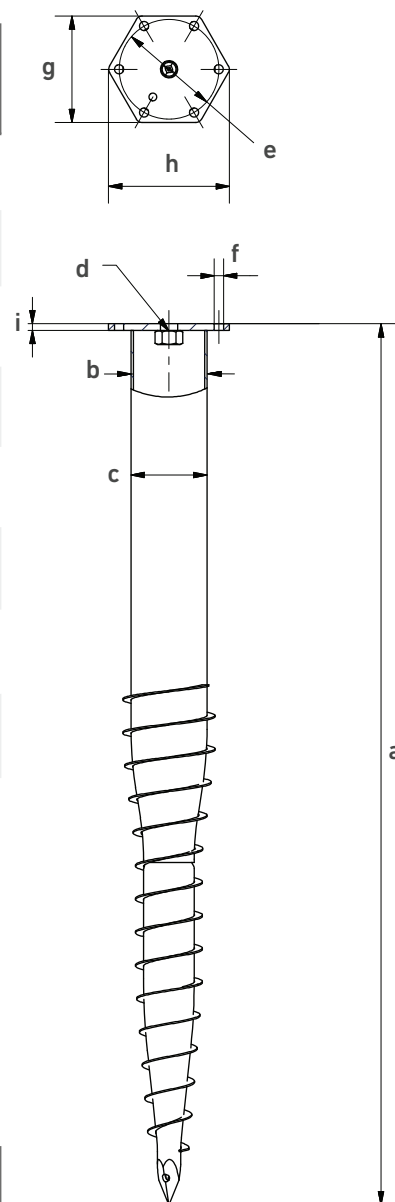
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Technical Data

	KSF M 140x2100- M24	KSF M 114x2100- M24	KSF M 114x1600- M24	KSF M 114x1300- M24
a	Length (mm) (±25 mm)			
	2070	2075	1575	1325
b	Shaft outer diameter (mm)			
	139.70	114.30	114.30	114.30
c	Inner diameter (mm)			
	132.50	107.10	107.10	107.10
d	Thread			
	M24	M24	M24	M24
e	Pitch circle diameter (mm)			
	180	150	150	150
f	Pitch circle holes (mm)			
	6 x Ø 14	6 x Ø 14	6 x Ø 14	6 x Ø 14
g	Flange wrench size (mm)			
	200	160	160	160
h	Flange outer diameter (mm)			
	225	182	182	182
i	Flange thickness (mm)			
	10	10	10	10



Online Service

KSF M 140x2100- M24	KSF M 114x2100- M24	KSF M 114x1600- M24	KSF M 114x1300- M24
------------------------	------------------------	------------------------	------------------------

Webkey

M2540011D

M2535211D

M2535111D

M2535011D



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Technical Data Sheet M Series

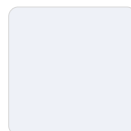
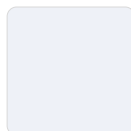
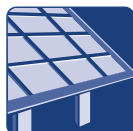
Basic Info

KSF M 89x2100-M24	KSF M 89x1600-M24	KSF M 89x1300-M24
Nominal length (mm)		
2100	1600	1300
Tube diameter (mm)		
88.90	88.90	88.90
Weight (kg)		
18.00	14.00	11.50
Item number		
25302	25301	25300

Construction

- Flange: Sheet metal S355
- Nut: DIN EN ISO 4032-8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

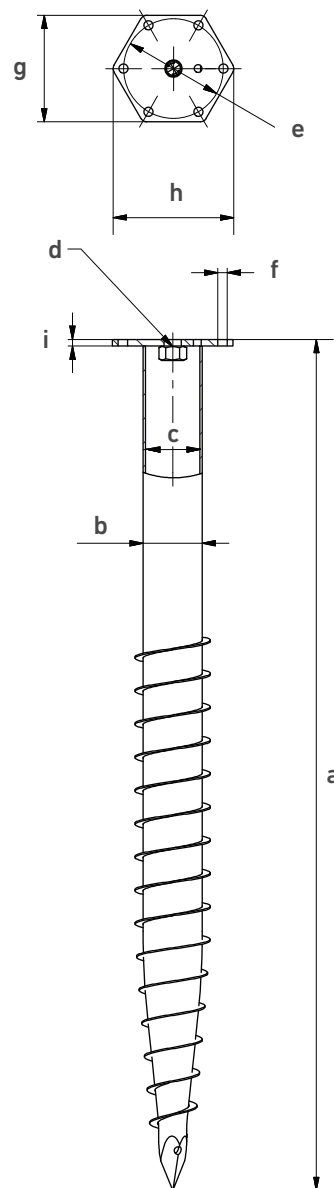
Applications



KSF M 89x
1600-M24

Technical Data

	KSF M 89x2100-M24	KSF M 89x1600-M24	KSF M 89x1300-M24
a	Length (mm) (± 25 mm)		
	2080	1580	1280
b	Shaft outer diameter (mm)		
	88.90	88.90	88.90
c	Inner diameter (mm)		
	81.70	81.70	81.70
d	Thread		
	M24	M24	M24
e	Pitch circle diameter (mm)		
	150	150	150
f	Pitch circle holes (mm)		
	6 x $\varnothing 14$	6 x $\varnothing 14$	6 x $\varnothing 14$
g	Flange wrench size (mm)		
	160	160	160
h	Flange outer diameter (mm)		
	182	182	182
i	Flange thickness (mm)		
	10	10	10



Online Service

KSF M 89x2100-M24	KSF M 89x1600-M24	KSF M 89x1300-M24
Webkey		
M2530211D	M2530111D	M2530011D
		

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Technical Data Sheet M Series

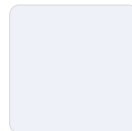
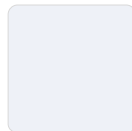
Basic Info

KSF M 76x2100-M16	KSF M 76x1600-M16	KSF M 76x1300-M16
Nominal length (mm)		
2100	1600	1300
Tube diameter (mm)		
76.10	76.10	76.10
Weight (kg)		
16.00	12.50	10.00
Item number		
25204	25203	25202

Construction

- Flange: Sheet metal S355
- Nut: DIN EN ISO 4032-8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

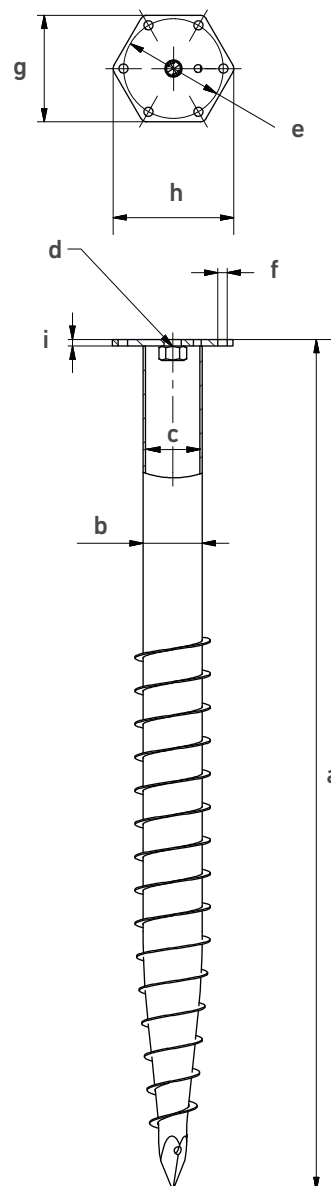
Applications



KSF M 76x
1300-M16

Technical Data

	KSF M 76x2100-M16	KSF M 76x1600-M16	KSF M 76x1300-M16
a	Length (mm) (± 25 mm)		
	2078	1578	1278
b	Shaft outer diameter (mm)		
	76.10	76.10	76.10
c	Inner diameter (mm)		
	68.90	68.90	68.90
d	Thread		
	M16	M16	M16
e	Pitch circle diameter (mm)		
	150	150	150
f	Pitch circle holes (mm)		
	6 x $\varnothing 14$	6 x $\varnothing 14$	6 x $\varnothing 14$
g	Flange wrench size (mm)		
	160	160	160
h	Flange outer diameter (mm)		
	182	182	182
i	Flange thickness (mm)		
	8	8	8



Online Service

KSF M 76x2100-M16	KSF M 76x1600-M16	KSF M 76x1300-M16
Webkey		
M2520411D	M2520311D	M2520211D
		

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Technical Data Sheet M Series

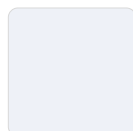
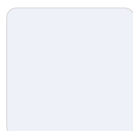
Basic Info

KSF M 76x1300-M12	KSF M 76x1000-M12	KSF M 76x800-M12
Nominal length (mm)		
1300	1000	800
Tube diameter (mm)		
76.10	76.10	76.10
Weight (kg)		
7.00	5.30	4.20
Item number		
25201	25205	25200

Construction

- Flange: Sheet metal S355
- Nut: DIN EN ISO 4032-8
- Continuous welded helix
- Coating: Hot-dip galvanized according to DIN EN ISO 1461

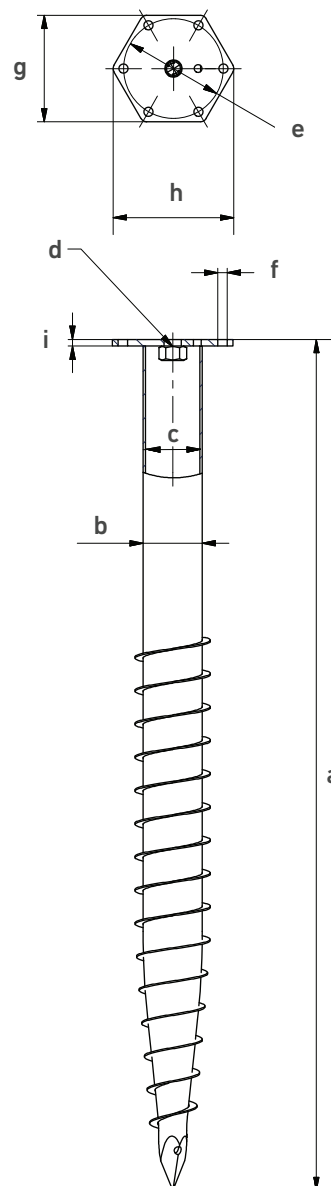
Applications



KSF M 76x
1000-M12

Technical Data

	KSF M 76x1300-M12	KSF M 76x1000-M12	KSF M 76x800-M12
a	Length (mm) (± 25 mm)		
	1275	1045	815
b	Shaft outer diameter (mm)		
	76.10	76.10	76.10
c	Inner diameter (mm)		
	70.90	70.90	70.90
d	Thread (mm)		
	M12	M12	M12
e	Pitch circle diameter (mm)		
	116	116	116
f	Pitch circle holes (mm)		
	6 x $\varnothing 11$	6 x $\varnothing 11$	6 x $\varnothing 11$
g	Flange wrench size (mm)		
	120	120	120
h	Flange outer diameter (mm)		
	136	136	136
i	Flange thickness (mm)		
	5	5	5

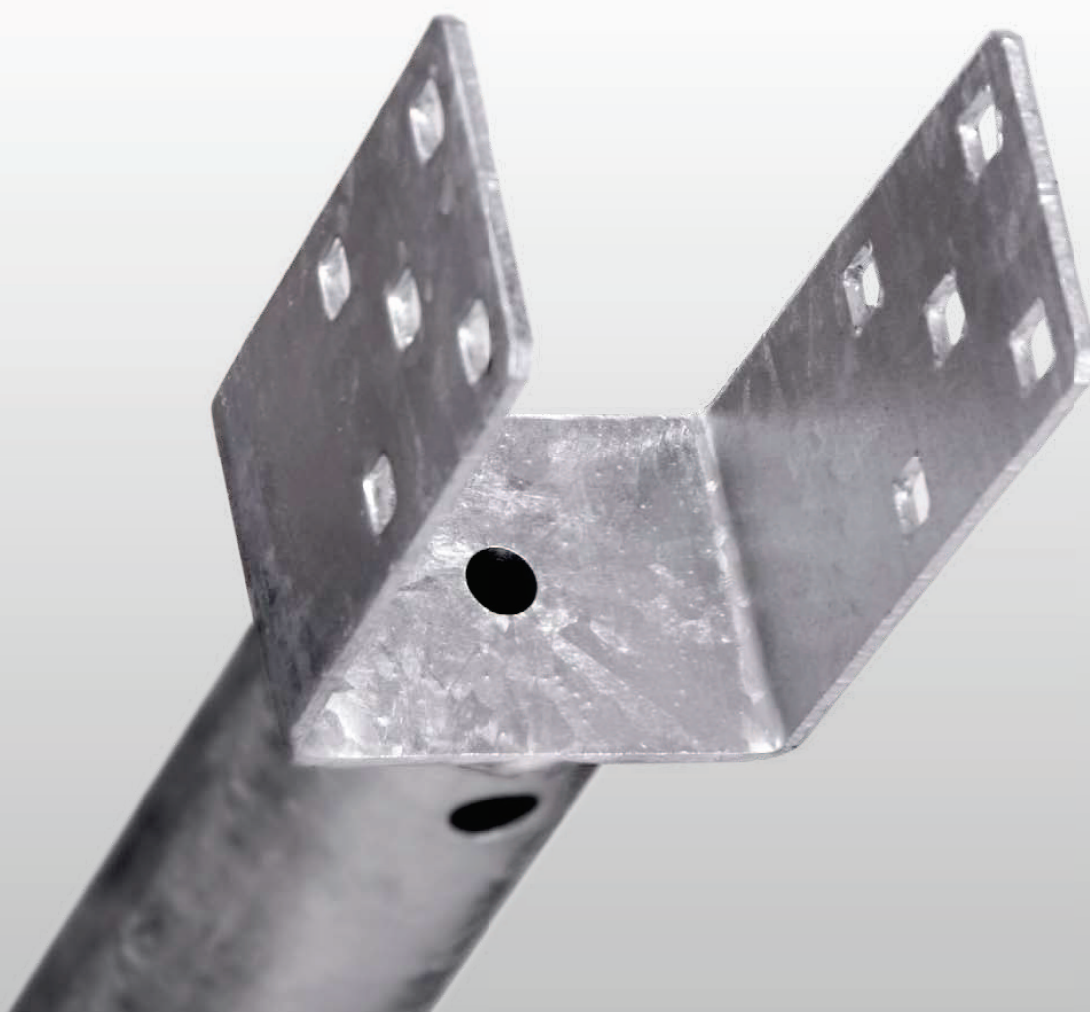


Online Service

KSF M 76x1300-M12	KSF M 76x1000-M12	KSF M 76x800-M12
Webkey		
M2520111D	M2520511D	M2520011D
		

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U SERIES

The KRINNER Ground Screw
for easy beam assembly



U SERIES

The **KRINNER** Ground Screw
for easy beam assembly

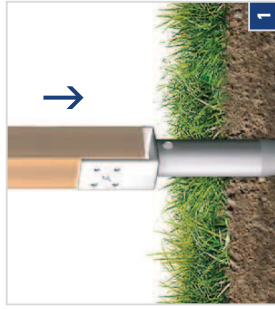


The U Series of ground screws are specially designed for all common dimensions of wood beams. They are optimally suited to quick and easy fastening of lying beams or standing posts as well as for constructing carports and wooden decks.

RECOMMENDED DRIVERS:

For correct insertion of U Series ground screws, use the Ground Screw Driver **KRE 10** or **KRE 20**. These Ground Screws can also be driven into loose soil using screwing bar short or manual Ground Screw Drivers.

INSTRUCTIONS FOR INSTALLING U SERIES GROUND SCREWS:



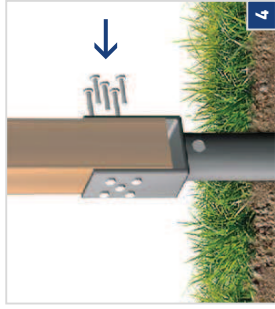
Place the wood post centered in the post shoe with about a 1 to 2 cm gap at the base.



For optimum stabilization, we recommend fixing the center with a through-bolt. Drill the hole for this from both sides.



Fasten the post to one of the U tabs with the first screw. Then align the post vertically and fasten with the second screw.



Now press the fastened post down vertically and screw it tight to the tab on the other side of the U.

Overview of U Series

KSF U 66x865-111	KSF U 66x730-111	KSF U 66x865-91	KSF U 66x730-91	KSF U 66x730-71	KSF U 66x550-71
Length (mm)					
865	730	865	730	730	550
Tube diameter (mm)					
66	66	66	66	66	66
Weight (kg)					
2.90	2.80	2.90	2.70	2.60	2.20
Item number					
21066	21062	21065	21061	21063	21060



KSF U 66x865-111



KSF U 66x730-111



KSF U 66x865-91



KSF U 66x730-91



KSF U 66x730-71



KSF U 66x550-71

Technical Data Sheet U Series

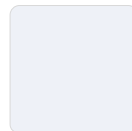
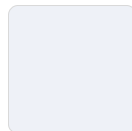
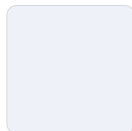
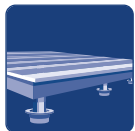
Basic Info

KSF U 66x865-111	KSF U 66x730-111
Nominal length (mm)	
865	730
Tube diameter (mm)	
66	66
Weight (kg)	
2.90	2.80
Item number	
21066	21062

Construction

- Coating: Hot-dip galvanized according to DIN EN ISO 1461
- Continuous welded helix
- Patented conical body forged from a single piece of tubing

Applications



KSF U 66x
730-111

Accessories



Screwing Bar short

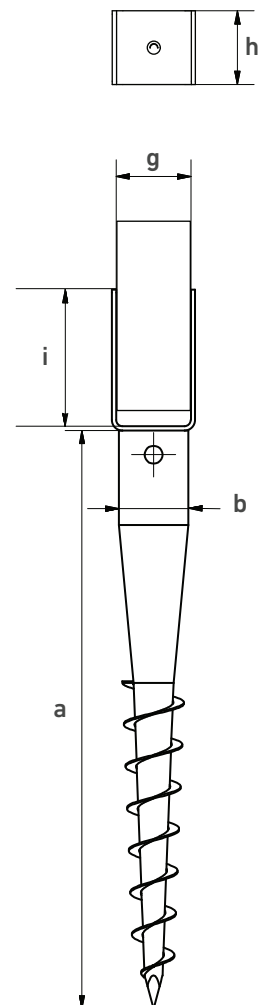
0.60 kg

Item No. 20070

Technical Data

	KSF U 66x865-111	KSF U 66x730-111
a	Length (mm)	
	865	730
b	Shaft outer diameter (mm)	
	66	66
c	Square hole spacing (mm)	
	42	42
d	Middle square hole spacing (mm)	
	90	90
e	Square hole spacing (mm)	
	50	50
f	Square hole diameter* (mm)	
	11	11
g	Gauge (mm)	
	111	111
h	U profile width (mm)	
	70	70
i	U profile depth (mm)	
	130	130

* To fit M10 carriage bolts



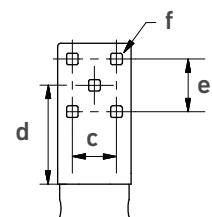
Online Service

KSF U 66x865-111	KSF U 66x730-111
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Webkey

U2106611D

U2106211D



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Technical Data Sheet U Series

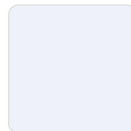
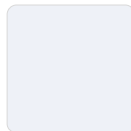
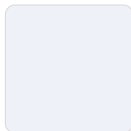
Basic Info

KSF U 66x865-91	KSF U 66x730-91
Nominal length (mm)	
865	730
Tube diameter (mm)	
66	66
Weight (kg)	
2.90	2.70
Item number	
21065	21061

Construction

- Coating: Hot-dip galvanized according to DIN EN ISO 1461
- Continuous welded helix
- Patented conical body forged from a single piece of tubing

Applications



KSF U 66x
730-91

Accessories

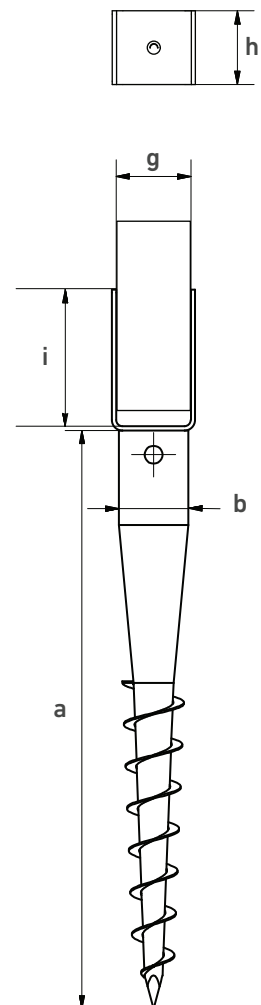


Screwing Bar short
0.60 kg
Item No. 20070

Technical Data

	KSF U 66x865-91	KSF U 66x730-91
a	Length (mm)	
	865	730
b	Shaft outer diameter (mm)	
	66	66
c	Square hole spacing (mm)	
	42	42
d	Middle square hole spacing (mm)	
	90	90
e	Square hole spacing (mm)	
	50	50
f	Square hole diameter* (mm)	
	11	11
g	Gauge (mm)	
	91	91
h	U profile width (mm)	
	70	70
i	U profile depth (mm)	
	130	130

* To fit M10 carriage bolts



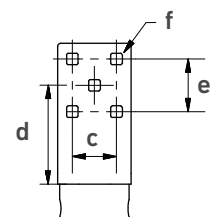
Online Service

KSF U 66x865-91	KSF U 66x730-91
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Webkey

U2106511D

U2106111D



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Technical Data Sheet U Series

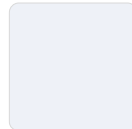
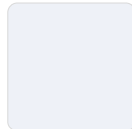
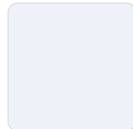
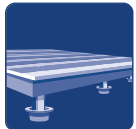
Basic Info

KSF U 66x730-71	KSF U 66x550-71
Nominal length (mm)	
730	550
Tube diameter (mm)	
66	66
Weight (kg)	
2.60	2.20
Item number	
21063	21060

Construction

- Coating: Hot-dip galvanized according to DIN EN ISO 1461
- Continuous welded helix
- Patented conical body forged from a single piece of tubing

Applications



KSF U 66x
730-71

Accessories

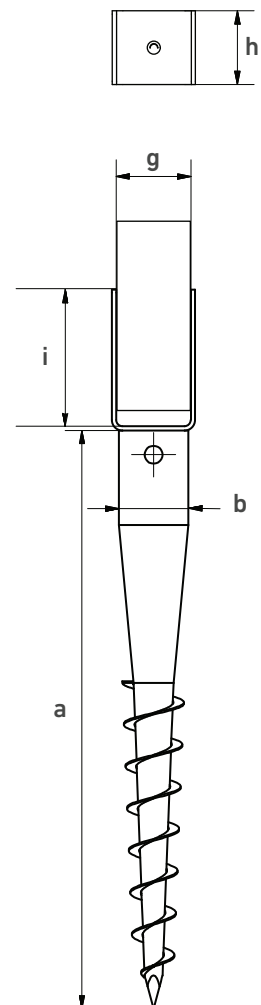


Screwing Bar short
0.60 kg
Item No. 20070

Technical Data

	KSF U 66x730-71	KSF U 66x550-71
a	Length (mm)	
	730	550
b	Shaft outer diameter (mm)	
	66	66
c	Square hole spacing (mm)	
	42	42
d	Middle square hole spacing (mm)	
	90	90
e	Square hole spacing (mm)	
	50	50
f	Square hole diameter* (mm)	
	11	11
g	Gauge (mm)	
	71	71
h	U profile width (mm)	
	70	70
i	U profile depth (mm)	
	130	130

* To fit M10 carriage bolts



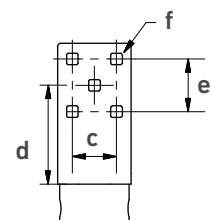
Online Service

KSF U 66x730-71	KSF U 66x550-71
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Webkey

U2106311D

U2106011D



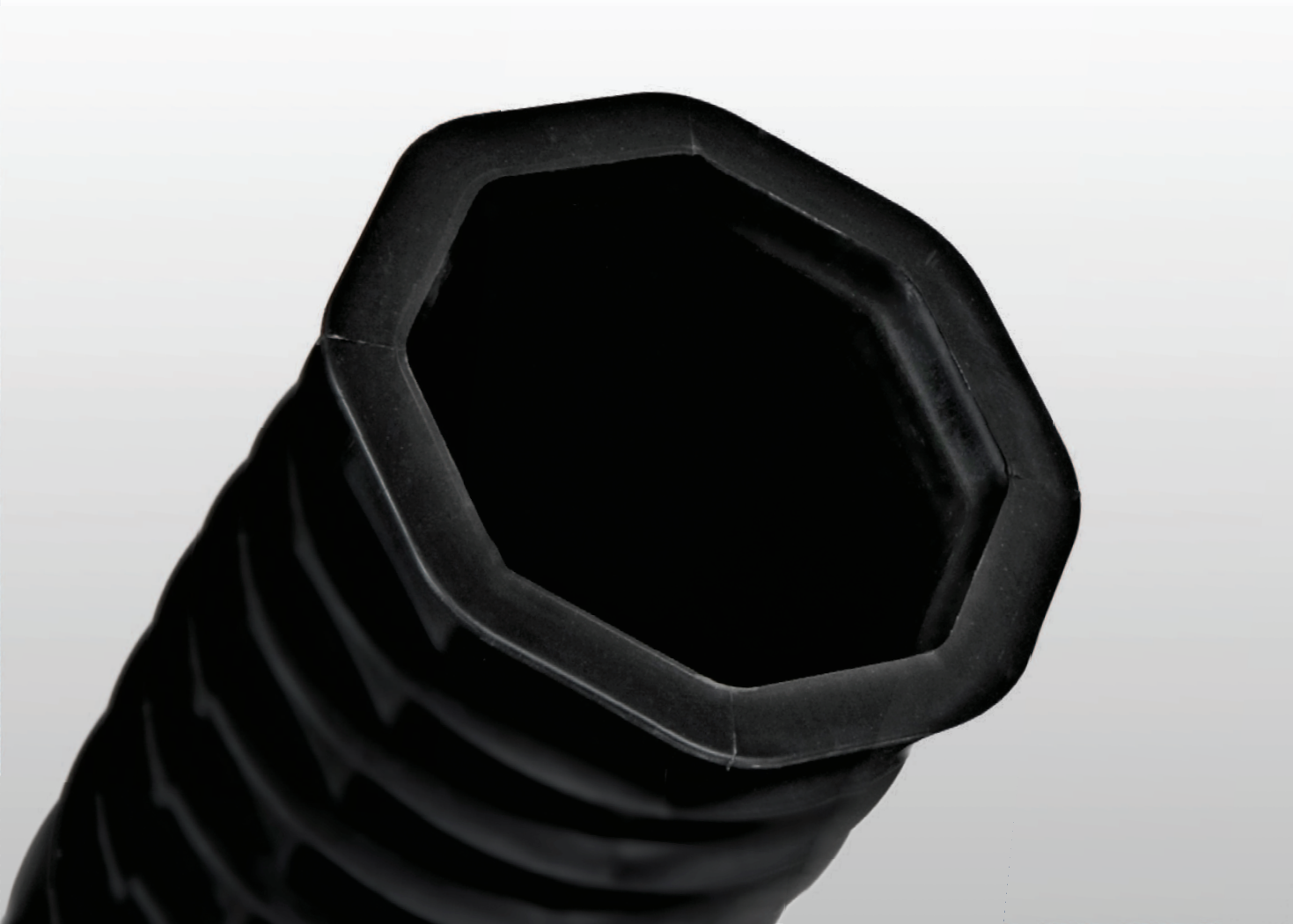
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KRINNER
The Ground Screws

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X SERIES

X SERIES

The KRINNER Ground Screw
for special applications



X SERIES

The KRINNER Ground Screw for special applications



The X series of ground screws have been developed for special applications – a kind of tailored foundation. The foundations are custom manufactured to fit requirements exactly.

RECOMMENDED DRIVERS:

For correct insertion of X Series Ground Screws, use the Ground Screw Driver **KR E 10** or **KR E 20** or the **KR D 55** driver.

These Ground Screws can also be driven into loose soil using manual screwing bar short or Ground Screw Driver.

Overview of X Series

KSF X 130x350-LP	
Length (mm)	350
Tube diameter (mm)	178
Weight (kg)	0.60
Item number	22040



Technical Data Sheet X Series

Basic Info

KSF X 130x350-LP

Nominal length (mm)

350

Tube diameter (mm)

178

Weight (kg)

0.60

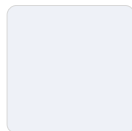
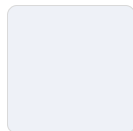
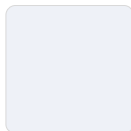
Item number

22040

Construction

- Material: PP-EPDM
- UV-stabilized
- Conical plastic shell open at both ends with screw thread
- Surface matt black

Applications



KSF X 130x350-LP

Accessories



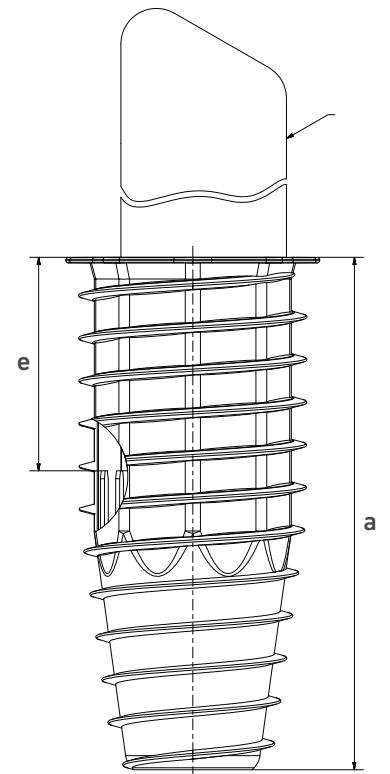
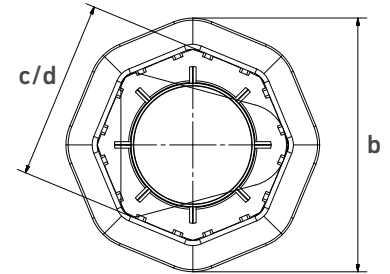
Cover Sleeve-LP

Item No. 22801

Technical Data

KSF X 130x350-LP

a	Length (mm)
	350
b	Outer diameter (mm)
	178
c	Inner diameter (mm)
	125
d	Diameter setting (mm)
	125
e	Depth setting (mm)
	150

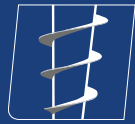


Online Service

KSF X 130x350-LP

Webkey
 X2204011D





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The Ground Screws

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DRIVERS

Effective solutions to optimize driving in every situation.



DRIVERS

DRIVERS

Effective solutions to optimize driving in every situation.



KRINNER Ground Screws are driven into the ground using machinery and equipment specially developed by KRINNER promising a quick, easy and accurate performance. KRINNER offers optimal driving solutions for everything from simple grass meadows to stiff soil conditions (Class V) and difficult rock conditions (Class VII). The range includes pre-drilling gear for difficult rock conditions.

Technical Data Sheet KR E 10 Ground Screw Driver

Basic Info

KR E 10 Ground Screw Driver-Z1*

Electrical connection

230 V

Load torque

1st gear up to max. 3,000 Nm

Power

1,800 W

Direction of rotation

Right/left

Weight

20 kg

Item number

22925

Webkey

MA2292511D



To drive small to medium-sized ground screws into the soil up to Class III manually. As for pinpoint accuracy and easy installation, we recommend pre-drilling with a hammer drill or rotary hammer. The drill bit should be at least 40 mm in diameter and approximately 800 mm long. A little water can also be poured into the borehole after drilling for optimal lubrication.



*Sales is subject to approval

Subject to technical change!

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efficient · no concrete · durable

Accessories



KR E 10 Linkage
 10.00 kg,
 Length: 1.70–2.80 m
 Item No. 22926



KR E 10/20 Bar
 4.30 kg
 Item No. 21899



Z1 Attachment-E140
 6.80 kg
 Item No. 21838



Z1 Attachment-P89
 4.20 kg
 Item No. 21829



Z1 Attachment-F1234567
 4.20 kg
 Item No. 21841



Z1 Attachment-I114
 8.90 kg
 Item No. 21894



Z1 Attachment-I114
 8.90 kg
 Item No. 21889



Z1 Attachment-A76-3
 3.40 kg
 Item No. 21892



Z1 Attachment-A76-4
 3.40 kg
 Item No. 21845



Z1 Attachment-T66
 3.70 kg
 Item No. 21833



Z1 Attachment-V66
 5.30 kg
 Item No. 22910



Z1 Attachment-K60
 10.50 kg
 Item No. 22907



Z1 Displacement-K60
 8.60 kg
 Item No. 22908



Z1 Attachment-K42
 7.50 kg
 Item No. 22909



Z1 Attachment-K34
 3.80 kg
 Item No. 22904



Z1 Attachment-U66
 2.40 kg
 Item No. 21832



Z1 Attachment-X130
 14.80 kg
 Item No. 22901



Z1 Extension-L03-Z1
 3.80 kg
 Item No. 21850

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Technical Data Sheet KR E 20 Ground Screw Driver

Basic Info

KR E 20 Ground Screw Driver-Z1

Electrical connection

230 V

Load torque

2nd gear up to max. 3,600 Nm

Power

1,800 W

Direction of rotation

Right/left

Weight

17.50 kg

Item number

21880

Webkey

MA2188011D

To drive small to medium-sized ground screws into the soil up to Class III manually. As for pinpoint accuracy and easy installation, we recommend pre-drilling with a hammer drill or rotary hammer. The drill bit should be at least 40 mm in diameter and approximately 800 mm long. A little water can also be poured into the borehole after drilling for optimal lubrication.



Accessories



KR E 20 Linkage
 17.50 kg, Length:
 Min.: 1.70 m, Max.: 2.80 m
 Item No. 21883



KR E 10/20 Bar
 4.30 kg
 Item No. 21899



Z1 Attachment-E140
 6.80 kg
 Item No. 21838



Z1 Attachment-P89
 4.20 kg
 Item No. 21829



Z1 Attachment-F1234567
 4.20 kg
 Item No. 21841



Z1 Attachment-I114
 8.90 kg
 Item No. 21894



Z1 Attachment-A89-4
 4.90 kg
 Item No. 21889



Z1 Attachment-A76-3
 3.40 kg
 Item No. 21892



Z1 Attachment-A76-4
 3.40 kg
 Item No. 21845



Z1 Attachment-T66
 3.70 kg
 Item No. 21833



Z1 Attachment-V66
 5.30 kg
 Item No. 22910



Z1 Attachment-K60
 10.50 kg
 Item No. 22907



Z1 Displacement-K60
 8.60 kg
 Item No. 22908



Z1 Attachment-K42
 7.50 kg
 Item No. 22909



Z1 Attachment-K34
 3.80 kg
 Item No. 22904



Z1 Attachment-U66
 2.40 kg
 Item No. 21832



Z1 Attachment-X130
 14.80 kg
 Item No. 22901



Z1 Extension-L03-Z1
 3.80 kg
 Item No. 21850

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Technical Data Sheet KR H Manual Screwing Tool

Basic Info

KR H Manual Screwing Tool-Z1

Weight

12.00 kg

Item number

21842

Webkey

MA2184211D



To drive small to medium-sized ground screws into the soil up to Class III manually. As for pinpoint accuracy and easy installation, we recommend pre-drilling with a hammer drill or rotary hammer. The drill bit should be at least 40 mm in diameter and approximately 800 mm long. A little water can also be poured into the predrilled borehole before inserting the screw for optimal lubrication.



Accessories



Z1 Attachment-E140
 6.80 kg
 Item No. 21838



Z1 Attachment-P89
 4.20 kg
 Item No. 21829



Z1 Attachment-F1234567
 4.20 kg
 Item No. 21841



Z1 Attachment-I114
 8.90 kg
 Item No. 21894



Z1 Attachment-A89-4
 4.90 kg
 Item No. 21889



Z1 Attachment-A76-3
 3.40 kg
 Item No. 21892



Z1 Attachment-A76-4
 3.40 kg
 Item No. 21845



Z1 Attachment-T66
 3.70 kg
 Item No. 21833



Z1 Attachment-V66
 5.30 kg
 Item No. 22910



Z1 Attachment-K60
 10.50 kg
 Item No. 22907



Z1 Displacement-K60
 8.60 kg
 Item No. 22908



Z1 Attachment-K42
 7.50 kg
 Item No. 22909



Z1 Attachment-K34
 3.80 kg
 Item No. 22904



Z1 Attachment-U66
 2.40 kg
 Item No. 21832



Z1 Attachment-X130
 14.80 kg
 Item No. 22901



Z1 Extension-L03-Z1
 3.80 kg
 Item No. 21850

Technical Data Sheet S1 Manual Screwing Tool

Basic Info

S1 Manual Screwing Tool-K34

Weight

6.70 kg

Item number

22900

Webkey

MA2290011D



To drive KSF K34 x 550 ground screws into soft to medium soil types manually. As for pinpoint accuracy and easy installation, we recommend pre-drilling with a hammer drill or rotary hammer. The drill bit should be at least 40 mm in diameter and approximately 800 mm long. A little water can also be poured into the predrilled borehole before inserting the screw for optimal lubrication.



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Technical Data Sheet KR D 55 Ground Screw Drivers

Basic Info

KR D 55 Ground Screw Driver-L30-F3	KR D 55 Ground Screw Driver-L40-F3
Load torque	
Max. 5,000 Nm	Max. 5,000 Nm
Dimensions	
1.20 m wide x 3.00 m long (incl. mast)	1.20 m wide x 4.00 m long (incl. mast)
Height of mast	
3.75 m (erected)	4.75 m (erected)
Direction of rotation	
Right/left	Right/left
Weight	
1,300 kg	1,400 kg
Item number	
27500	27510
Webkey	
MA2750011D	MA2751011D

The KR D 55 Ground Screw Driver is designed for easy insertion into soil class VII (difficult rock) within minutes in combination with appropriate pre-drilling equipment. The powerful, self-turning KR D 55 Ground Screw Driver is suited to medium to large-scale projects. It easily drives in ground screws up to 2 m in length.



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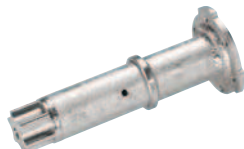
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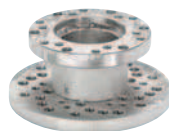
Accessories



F3 Attachment-E140
 10.00 kg
 Item No. 21901



F3 Attachment-P89
 7.00 kg
 Item No. 21904



F3 Attachment-F1234567
 7.40 kg
 Item No. 21902



F3 Extension-L04-W80
 9.00 kg
 Item No. 27125



W80 Attachment-F1234567
 9.00 kg
 Item No. 21912



F3 Attachment-A114-3
 8.40 kg
 Item No. 21907



F3 Attachment-A89-4
 10.00 kg
 Item No. 21906



F3 Attachment-A76-3
 11.70 kg
 Item No. 21903



F3 Attachment-A76-4
 10.60 kg
 Item No. 21905



F3 Connection Flange-F2
 2.00 kg
 Item No. 21908



F3 Attachment-W160
 6.50 kg
 Item No. 21911



F3 Attachment-Q60
 4.00 kg
 Item No. 27133



F2-W140 Attachment-K60
 10.00 kg
 Item No. 22912



F2-W140 Displacement-K60
 8.00 kg
 Item No. 22911



F2-W140 Gimlet 80 x 2000
 21.00 kg
 Item No. 28032



F2-W140 Gimlet 135 x 2000
 37.00 kg
 Item No. 28033



F2-W140 Rock Hammer
 72 mm
 60.00 kg
 Item No. 28059



F2-W140 Rock Hammer
 90 mm
 90.00 kg
 Item No. 28058



F2-W140 Rock Hammer
 140 mm
 120.00 kg
 Item No. 28065



RV50 Hydraulic Hammer
 215.00 kg
 Item No. 27080

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Technical Data Sheet KR B 40-B1 Ground Screw Driver

Basic Info

KR B 40-B1 Ground Screw Driver

Load torque

Max. 5,000 Nm

Direction of rotation

Right/left

Weight

240 kg

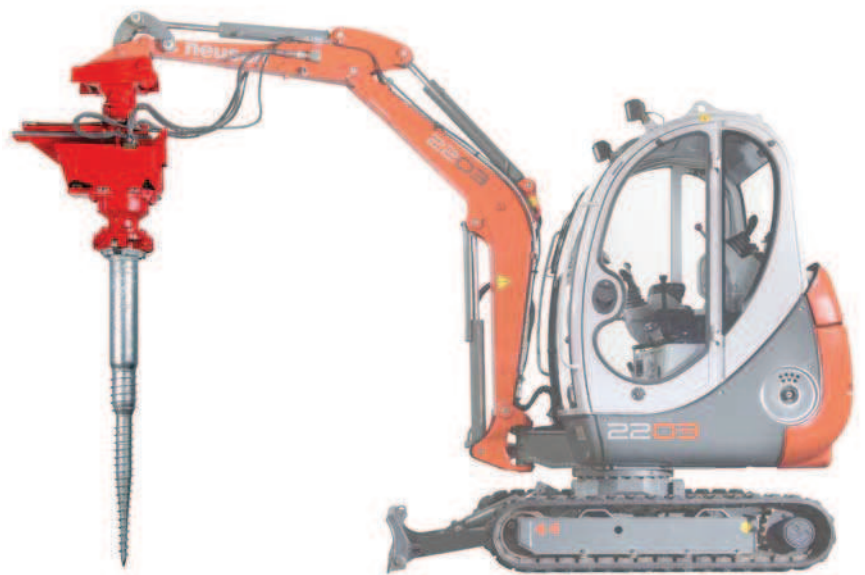
Item number

27501

Webkey

MA2750111D

The KR B 40 Ground Screw Driver is designed for easy insertion into soil class VII (difficult rock) within minutes in combination with appropriate pre-drilling equipment. The machine is to be mounted on a carrier machine (excavator) of 1.5 t to 3.0 t deadweight, in compliance with the tipping load chart of the excavator. The excavator-mounted machine is equipped with a Lehnhoff 01/03 quick coupling. Please inquire about compatibility with other models.



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Accessory Chart

Ground Screw		Accessory	Quantity/pcs
E SERIES			
KSF E 140x2100-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 140x1600-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 140x1300-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 89x1000-E60	KR B	F2-W140 Attachment-P89	3
KSF E 89x800-E60	KR B	F2-W140 Attachment-P89	3
KSF E 89x550-E60	KR B	F2-W140 Attachment-P89	3
F SERIES			
KSF F 140x1600-P	KR B	B1 Clamping Jaw-W220	3
KSF F 140x1300-P	KR B	B1 Clamping Jaw-W220	3
KSF F 140x2100-M	KR B	B1 Clamping Jaw-W220	3
KSF F 140x1600-M	KR B	B1 Clamping Jaw-W220	3
KSF F 76x1600-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x1300-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x1000-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x800-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
G SERIES			
KSF G 114x1300-4xM16	KR B	B1 Clamping Jaw-G114	4
KSF G 114x1000-4xM16	KR B	B1 Clamping Jaw-G114	4
KSF G 89x1300-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 89x1000-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 89x800-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 76x2100-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x1600-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x1300-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x800-4xM12	KR B	B1 Clamping Jaw-G76	4
KSF G 66x650-3xM8	KR B	B1 Clamping Jaw-G66	3
K SERIES			
KSF K 60x800	KR B	F2-W140 Attachment-K60	3
KSF K 60x800	KR B	F2-W140 Displacer-K60	3
M-SERIES			
KSF M 140x2100-M24	KR B	B1 Clamping Jaw-W200	3
KSF M 114x2100-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 114x1600-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 114x1300-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x2100-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x1600-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x1300-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 76x2100-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1600-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1300-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1300-M12	KR B	B1 Clamping Jaw-W120	3
KSF M 76x1000-M12	KR B	B1 Clamping Jaw-W120	3
KSF M 76x800-M12	KR B	B1 Clamping Jaw-W120	3

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Technical Data Sheet

Accessories for KR B Drivers



B1 Clamping Jaw-W120
 1.50 kg
 Item No. 28060



B1 Clamping Jaw-W140
 1.30 kg
 Item No. 28012



B1 Clamping Jaw-W160
 1.25 kg
 Item No. 28036



B1 Clamping Jaw-W180
 1.20 kg
 Item No. 28073



B1 Clamping Jaw-W200
 1.20 kg
 Item No. 28013



B1 Clamping Jaw-W220
 1.10 kg
 Item No. 28014



B1 Clamping Jaw-W245
 1.10 kg
 Item No. 28026



B1 Clamping Jaw-W300
 1.40 kg
 Item No. 28047



B1 Clamping Jaw-G60 PLUS
 2.30 kg
 Item No. 27142



B1 Clamping Jaw-G60
 2.21 kg
 Item No. 28021



B1 Clamping Jaw-S60
 2.35 kg
 Item No. 27141



B1 Clamping Jaw-G66
 2.10 kg
 Item No. 28015



B1 Clamping Jaw-G76
 2.00 kg
 Item No. 28016



B1 Clamping Jaw-G89
 2.10 kg
 Item No. 28017



B1 Clamping Jaw-G114
 1.85 kg
 Item No. 28018



F2-W140 Attachment-K60
 10.30 kg
 Item No. 22912



F2-W140 Displacement-K60
 10.30 kg
 Item No. 22911



F2-W140 Attachment-P89
 7.00 kg
 Item No. 22913

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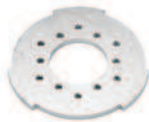
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Technical Data Sheet

Accessories for KR B Ground Screw Drivers (to be continued)



W160 Adapter-F2
 1.30 kg
 Item No. 27505



W200 Adapter-F23
 3.50 kg
 Item No. 27508



W220 Adapter-F23
 3.00 kg
 Item No. 27507



F2-W140 Gimlet 80x2000
 21.00 kg
 Item No. 28032



F2-W140 Gimlet 135x2000
 37.00 kg
 Item No. 28033



F2-W140 Rock Hammer
 72 mm
 60.00 kg
 Item No. 28059



F2-W140 Rock Hammer
 90 mm
 90.00 kg
 Item No. 28058



F2-W140 Rock Hammer
 140 mm
 120.00 kg
 Item No. 28065

Technical Data Sheet KR B 60-B1 Ground Screw Driver

Basic Info

KR B 60-B1 Ground Screw Driver

Load torque

Max. 10,000 Nm

Direction of rotation

Right/left

Weight

330 kg

Item number

27502

Webkey

MA2750211D

The KR B 60 Ground Screw Driver is designed for easy insertion into soil class VII (difficult rock) within minutes in combination with appropriate pre-drilling equipment. The machine is to be mounted on a carrier machine (excavator) of 5.0 t to 12.0 t deadweight, in compliance with the tipping load chart of the excavator. The excavator-mounted machine is equipped with a Lehnhoff 08 quick coupling. Please inquire about compatibility with other models.



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Accessory Chart

Ground Screw		Accessory	Quantity/pcs
E SERIES			
KSF E 140x2100-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 140x1600-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 140x1300-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 89x1000-E60	KR B	F2-W140 Attachment-P89	3
KSF E 89x800-E60	KR B	F2-W140 Attachment-P89	3
KSF E 89x550-E60	KR B	F2-W140 Attachment-P89	3
F SERIES			
KSF F 140x1600-P	KR B	B1 Clamping Jaw-W220	3
KSF F 140x1300-P	KR B	B1 Clamping Jaw-W220	3
KSF F 140x2100-M	KR B	B1 Clamping Jaw-W220	3
KSF F 140x1600-M	KR B	B1 Clamping Jaw-W220	3
KSF F 76x1600-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x1300-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x1000-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x800-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
G SERIES			
KSF G 114x1300-4xM16	KR B	B1 Clamping Jaw-G114	4
KSF G 114x1000-4xM16	KR B	B1 Clamping Jaw-G114	4
KSF G 89x1300-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 89x1000-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 89x800-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 76x2100-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x1600-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x1300-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x800-4xM12	KR B	B1 Clamping Jaw-G76	4
KSF G 66x650-3xM8	KR B	B1 Clamping Jaw-G66	3
K SERIES			
KSF K 60x800	KR B	F2-W140 Attachment-K60	3
KSF K 60x800	KR B	F2-W140 Displacer-K60	3
M-SERIES			
KSF M 140x2100-M24	KR B	B1 Clamping Jaw-W200	3
KSF M 114x2100-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 114x1600-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 114x1300-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x2100-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x1600-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x1300-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 76x2100-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1600-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1300-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1300-M12	KR B	B1 Clamping Jaw-W120	3
KSF M 76x1000-M12	KR B	B1 Clamping Jaw-W120	3
KSF M 76x800-M12	KR B	B1 Clamping Jaw-W120	3

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Technical Data Sheet

Accessories for KR B Ground Screw Drivers



B1 Clamping Jaw-W120
 1.50 kg
 Item No. 28060



B1 Clamping Jaw-W140
 1.30 kg
 Item No. 28012



B1 Clamping Jaw-W160
 1.25 kg
 Item No. 28036



B1 Clamping Jaw-W180
 1.20 kg
 Item No. 28073



B1 Clamping Jaw-W200
 1.20 kg
 Item No. 28013



B1 Clamping Jaw-W220
 1.10 kg
 Item No. 28014



B1 Clamping Jaw-W245
 1.10 kg
 Item No. 28026



B1 Clamping Jaw-W300
 1.40 kg
 Item No. 28047



B1 Clamping Jaw-G60 PLUS
 2.30 kg
 Item No. 27142



B1 Clamping Jaw-G60
 2.21 kg
 Item No. 28021



B1 Clamping Jaw-S60
 2.35 kg
 Item No. 27141



B1 Clamping Jaw-G66
 2.10 kg
 Item No. 28015



B1 Clamping Jaw-G76
 2.00 kg
 Item No. 28016



B1 Clamping Jaw-G89
 2.10 kg
 Item No. 28017



B1 Clamping Jaw-G114
 1.85 kg
 Item No. 28018



F2-W140 Attachment-K60
 10.30 kg
 Item No. 22912



F2-W140 Displacement-K60
 10.30 kg
 Item No. 22911



F2-W140 Attachment-P89
 7.00 kg
 Item No. 22913

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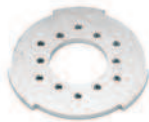
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Technical Data Sheet

Accessories for KR B Ground Screw Drivers (to be continued)



W160 Adapter-F2
 1.30 kg
 Item No. 27505



W200 Adapter-F23
 3.50 kg
 Item No. 27508



W220 Adapter-F23
 3.00 kg
 Item No. 27507



F2-W140 Gimlet Bit 80x2000
 21.00 kg
 Item No. 28032



F2-W140 Gimlet Bit 135x2000
 37.00 kg
 Item No. 28033



F2-W140 Rock Hammer
 72 mm
 60.00 kg
 Item No. 28059



F2-W140 Rock Hammer
 90 mm
 90.00 kg
 Item No. 28058



F2-W140 Rock Hammer
 140 mm
 120.00 kg
 Item No. 28065

Technical Data Sheet KR B 250 Ground Screw Drivers

Basic Info

KR B 250 Ground Screw Driver-B1

Load torque

Max. 30,000 Nm

Direction of rotation

Right/left

Weight

500 kg

Item number

27503

Webkey

MA2750311D

The KR B 250 Ground Screw Driver is designed for easy insertion into soil class VII (difficult rock) within minutes in combination with appropriate predrilling equipment. The machine is to be mounted on a carrier machine (excavator) of 8.0 t to 16.0 t deadweight, in compliance with the tipping load chart of the excavator. The excavator-mounted machine is equipped with a Lehnhoff 10 quick coupling. Please inquire about compatibility with other models.



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Accessory Chart

Ground Screw		Accessory	Quantity/pcs
E SERIES			
KSF E 140x2100-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 140x1600-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 140x1300-E76-100	KR B	B1 Clamping Jaw-W220	3
KSF E 89x1000-E60	KR B	F2-W140 Attachment-P89	3
KSF E 89x800-E60	KR B	F2-W140 Attachment-P89	3
KSF E 89x550-E60	KR B	F2-W140 Attachment-P89	3
F SERIES			
KSF F 140x1600-P	KR B	B1 Clamping Jaw-W220	3
KSF F 140x1300-P	KR B	B1 Clamping Jaw-W220	3
KSF F 140x2100-M	KR B	B1 Clamping Jaw-W220	3
KSF F 140x1600-M	KR B	B1 Clamping Jaw-W220	3
KSF F 76x1600-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x1300-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x1000-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
KSF F 76x800-R	KR B	B1 Clamping Jaw-W140 and B1 Clamping Jaw-W200	2 each
G SERIES			
KSF G 114x1300-4xM16	KR B	B1 Clamping Jaw-G114	4
KSF G 114x1000-4xM16	KR B	B1 Clamping Jaw-G114	4
KSF G 89x1300-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 89x1000-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 89x800-4xM12	KR B	B1 Clamping Jaw-G89	4
KSF G 76x2100-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x1600-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x1300-3xM16	KR B	B1 Clamping Jaw-G76	3
KSF G 76x800-4xM12	KR B	B1 Clamping Jaw-G76	4
KSF G 66x650-3xM8	KR B	B1 Clamping Jaw-G66	3
K SERIES			
KSF K 60x800	KR B	F2-W140 Attachment-K60	3
KSF K 60x800	KR B	F2-W140 Displacer-K60	3
M SERIES			
KSF M 140x2100-M24	KR B	B1 Clamping Jaw-W200	3
KSF M 114x2100-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 114x1600-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 114x1300-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x2100-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x1600-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 89x1300-M24	KR B	B1 Clamping Jaw-W160	3
KSF M 76x2100-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1600-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1300-M16	KR B	B1 Clamping Jaw-W160	3
KSF M 76x1300-M12	KR B	B1 Clamping Jaw-W120	3
KSF M 76x1000-M12	KR B	B1 Clamping Jaw-W120	3
KSF M 76x800-M12	KR B	B1 Clamping Jaw-W120	3

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Technical Data Sheet

Accessories for KR B Ground Screw Drivers



B1 Clamping Jaw-W120
 1.50 kg
 Item No. 28060



B1 Clamping Jaw-W140
 1.30 kg
 Item No. 28012



B1 Clamping Jaw-W160
 1.25 kg
 Item No. 28036



B1 Clamping Jaw-W180
 1.20 kg
 Item No. 28073



B1 Clamping Jaw-W200
 1.20 kg
 Item No. 28013



B1 Clamping Jaw-W220
 1.10 kg
 Item No. 28014



B1 Clamping Jaw-W245
 1.10 kg
 Item No. 28026



B1 Clamping Jaw-W300
 1.40 kg
 Item No. 28047



B1 Clamping Jaw-G60 PLUS
 2.30 kg
 Item No. 27142



B1 Clamping Jaw-G60
 2.21 kg
 Item No. 28021



B1 Clamping Jaw-S60
 2.35 kg
 Item No. 27141



B1 Clamping Jaw-G66
 2.10 kg
 Item No. 28015



B1 Clamping Jaw-G76
 2.00 kg
 Item No. 28016



B1 Clamping Jaw-G89
 2.10 kg
 Item No. 28017



B1 Clamping Jaw-G114
 1.85 kg
 Item No. 28018



F2-W140 Attachment-K60
 10.30 kg
 Item No. 22912



F2-W140 Displacement-K60
 10.30 kg
 Item No. 22911



F2-W140 Attachment-P89
 7.00 kg
 Item No. 22913

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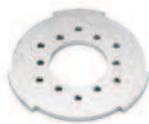
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Technical Data Sheet

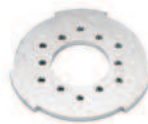
Accessories for KR B Ground Screw Drivers (to be continued)



W160 Adapter-F2
 1.30 kg
 Item No. 27505



W200 Adapter-F23
 3.50 kg
 Item No. 27508



W220 Adapter-F23
 3.00 kg
 Item No. 27507



F2-W140 Gimlet 80x2000
 21.00 kg
 Item No. 28032



F2-W140 Gimlet 135x2000
 37.00 kg
 Item No. 28033



F2-W140 Rock Hammer
 72 mm
 60.00 kg
 Item No. 28059



F2-W140 Rock Hammer
 90 mm
 90.00 kg
 Item No. 28058



F2-W140 Rock Hammer
 140 mm
 120.00 kg
 Item No. 28065

Technical Data Sheet Cable Detector

Basic Info

Cable Detector C-Scope MXL

Weight

4.50 kg

Item number

28042

Webkey

Z2804211D



High-performance precision cable detector: All-Scan modus allows you to search across all frequencies between 50 Hz and 33 kHz to detect signals that would otherwise be overlooked in conventional detection modes. Classical CURRENT mode will easily locate most underground power lines. The precise and sensitive RADIO mode lets you locate many other underground metal lines as well. The innovative ALL-SCAN mode monitors all frequencies from the lowest current signal up to and including 33 kHz. The Depth Estimation function reveals the depth of underground cables and lines at the push of a button. The Signal Current Measurement function is an advancement on depth estimation. The MXL receiver can monitor the true strength of the MXT emitter signal sent along an underground cable, irrespective of depth. Ideal for identifying the layout of cables and supply line networks.

Accessories



Transmitter C-Scope MXT

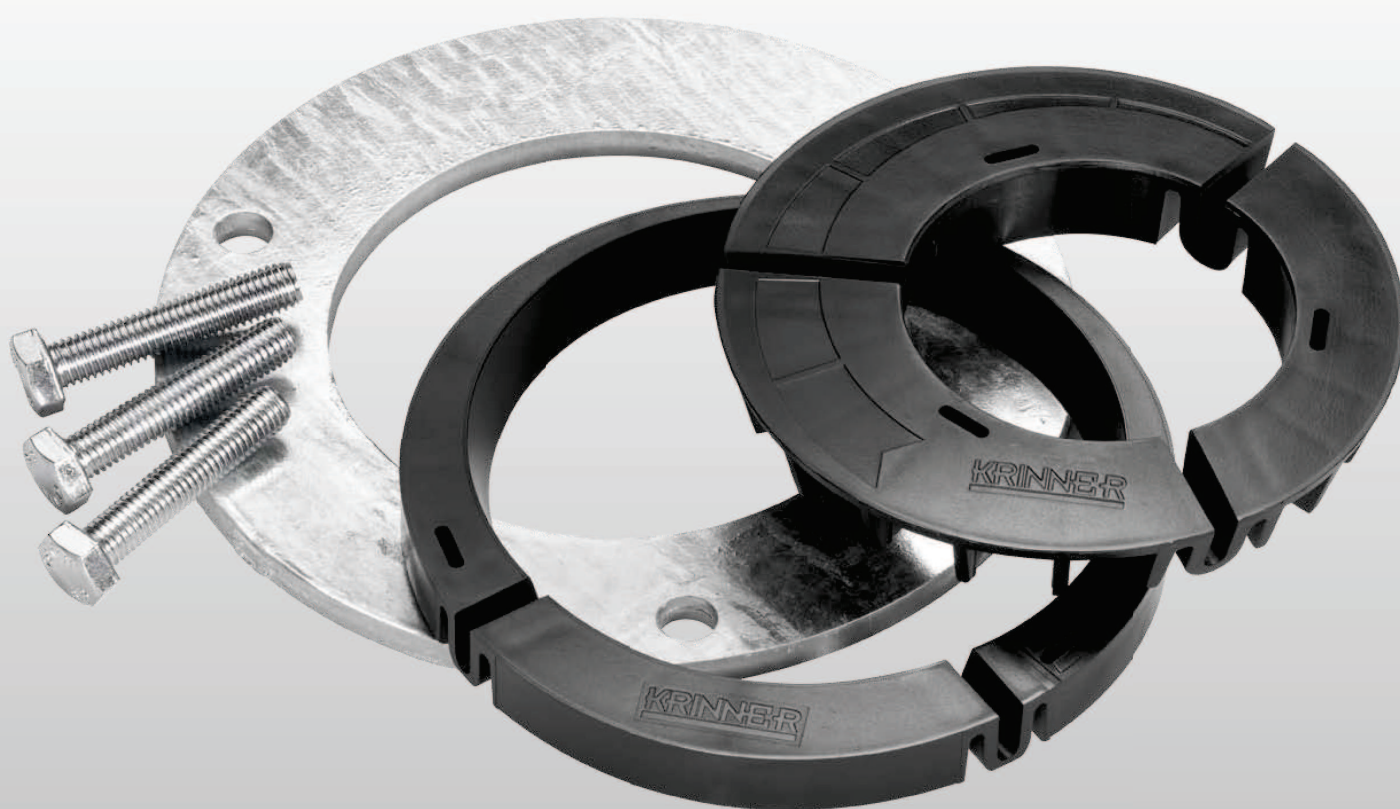
4.50 kg

Item No. 28043

Webkey Z2804311D

The MXT Emitter performs three times the power output compared to standard emitters. You can choose between a pulsed or continuous signal. You can also choose between three signal frequencies (33 kHz, 8 kHz and 640 Hz). The multi-segment LC display shows clear information about each selected function.





ACCESSORIES

Materials and supplies for use with
KRINNER Ground Screws

Accessories for E Series



Excenter Set-E 100

Excentric set for tube diameter 96.5–101.0 mm; Contents: Clamp ring (bolt-on for permanent pipe fastening); fixing screws (for fastening the clamp ring)

Material Steel/plastic

Item No. 26809



Excenter Set-E 90

Excentric set for tube diameter 86.0–91.0 mm; Contents: Clamp ring (bolt-on for permanent pipe fastening); fixing screws (for fastening the clamp ring)

Material Steel/plastic

Item No. 26813



Excenter Set-E 80

Excentric set for tube diameter 77.0–81.5 mm; Contents: Clamp ring (bolt-on for permanent pipe fastening); fixing screws (for fastening the clamp ring)

Material Steel/plastic

Item No. 26814



Excenter Set-E 76

Excentric set for tube diameter 72.5–76.7 mm; Contents: Clamp ring (bolt-on for permanent pipe fastening); fixing screws (for fastening the clamp ring)

Material Steel/plastic

Item No. 26810

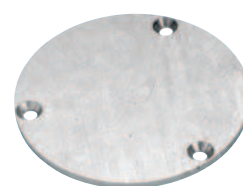


Cover Plate 2 mm-E 76–100

Cover plate for E Series ground screws when not in use (E 76–100)

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 26819



Cover Plate 8 mm-E 76–100

Cover plate for E Series ground screws when not in use (E 76–100)

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 26829

Excenter Set-E 100

Webkey Z2680911D



Excenter Set-E 90

Webkey Z2681311D



Excenter Set-E 80

Webkey Z2681411D



Excenter Set-E 76

Webkey Z2681011D



Cover Plate 2 mm-E 76-100

Webkey Z2681911D



Cover Plate 8 mm-E 76-100

Webkey Z2682911D



Accessories for E Series



Attachment Screw-E 76-100

Attachment screw for E Series Ground Screws (E 76-100)

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 21837



Countersunk-E 76-100

Countersunk for E Series Ground Screws (E 76-100)

Material Stainless steel A2

Item No. 26830



Reducer-E 76-E 60

Reducer for eccentric set E 76 to 60 mm

Material Plastic

Item No. 26821



Reducer-E 76-E 70

Reducer for eccentric set E 76 to 70 mm

Material Plastic

Item No. 26822



Excenter Set-E 60

Excenter set for tube diameter 72.5-76.7 mm; Contents: Clamp ring (bolt-on ring for permanent pipe fastening); fixing screws (for fastening the fixing clamp ring)

Material Steel/plastic

Item No. 24817



Cover Plate 2 mm-E 60

Cover plate for E Series Ground Screws (E 60) when not in use

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 24808

Attachement Screw-E 76-100

Webkey Z2183711D



Countersunk-E 76-100

Webkey Z2683011D



Reducer-E 76-E 60

Webkey Z2682111D



Reducer-E 76-E 70

Webkey Z2682211D



Excenter Set-E 60

Webkey Z2481711D



Cover Plate 2 mm-E 60

Webkey Z2480811D



Accessories for E Series



Fixing Screw-E 60

Fixing screw for E Series Ground Screws (E 60)

Material Stainless steel A2

Item No. 21808



Excenter-E 60

Excentric bushing for aligning and fastening E Series Ground Screws (E 60)

Material Plastic

Item No. 24801



Clamp Ring-E 60

Clamp ring for E Series Ground Screws (E 60)

Material Steel

Item No. 24802



Fair Level-E 60

Fair level for adjustment of the E 60 eccentric bushing

Material Plastic

Item No. 24803

Fixing Screw-E 60

Webkey Z2180811D



Excenter-E 60

Webkey Z2480111D



Clamp Ring-E 60

Webkey Z2480211D



Fair Level-E 60

Webkey Z2480311D



Accessories for F Series



Cover Plate 2 mm-P

Cover plate for F Series (P) Ground Screws

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 26818



Post Bearer Plane-R

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 28006



Post Bearer M24-R

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 28007



Post Bearer M44-R

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 28008



Post Bearer Sword-R

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 28009



Post Bearer Side Flaps-R

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 28010



Post Bearer Vario PS 150-R

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 28019

Cover Plate 2 mm-P

Webkey Z2681811D



Post Bearer Plane-R

Webkey Z2800611D



Post Bearer M24-R

Webkey Z2800711D



Post Bearer M44-R

Webkey Z2800811D



Post Bearer Sword-R

Webkey Z2800911D



Post Bearer Side Flaps-R

Webkey Z2801011D



Post Bearer Vario PS 150-R

Webkey Z2801911D



Accessories for G Series



Cover Plate-G 66

Cover Plate for KSF G 66x550-1xM8 and G 66x650-1xM8

Material Plastic

Item No. 21856



Pivot/Linkage Cover for-G 66

Pivot cover for cross-bracing on chicken wire fences in conjunction with KSF G 66x550-1xM8 and KSF G 66x650-1xM8

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 21804



Foundation Cap-G 66

Insert cap for ground screws G 66x550-1xM8 and G 66x650-1xM8 incl. Allen screw

Material Steel, galvanized according to DIN EN ISO 1461

Item No. 21805



Reduction Sleeve Set-G 66

5-piece reducer insert set for Ground Screws KSF G 66x550-1xM8, KSF G 66x650-1xM8; Reducer to 55.5 mm/50.0 mm/43.0 mm/38.5 mm/34.0 mm

Material Plastic

Item No. 21806



Twisting Element-G 66

Twisting insert to fit KSF 66

Material Plastic

Item No. 21839