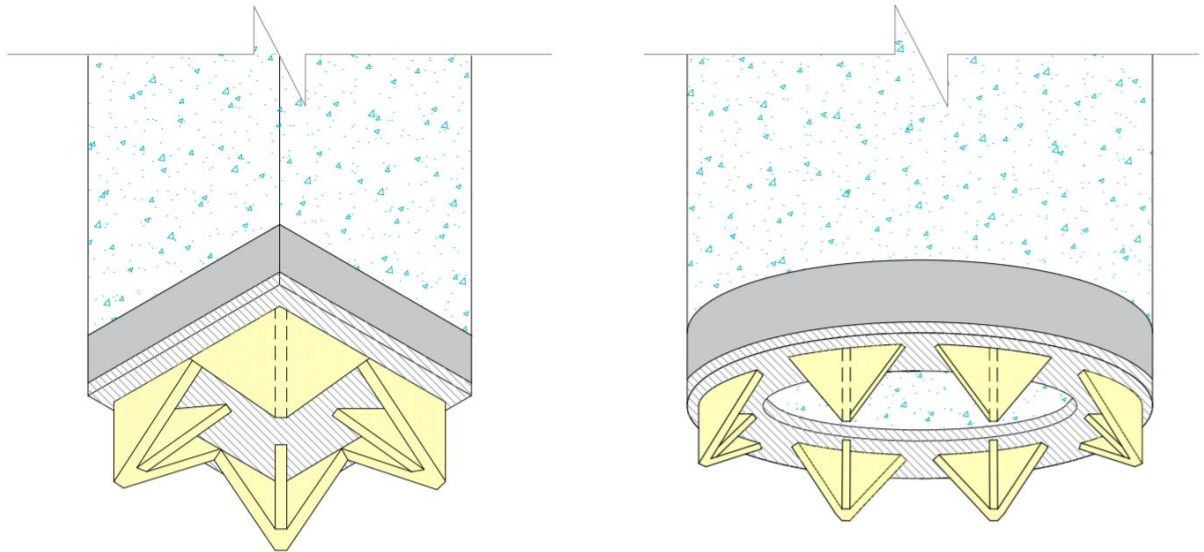


K-Shoe®

PERIMETER FOCUSED TYPE ROCK SHOE FOR PILES



Patent Abstract

A rock shoe of a pile wherein the perimeter-focus design comprises a plurality of steel shafts and steel stiffener plates with multi-tips or apexes located along the perimeter of the pile shoe provides further improved keying effect and thereby provides a better contact over a larger angle of unevenness and also serves to prevent the formation of a densified soil pyramid which may hinder the successful keying of the pile shoe.

~Simply the best rock shoe for precast piles~

✓ *FOR ANY KIND OF PILE*

- Suitable for any kind of precast pile.
- Weld the base of the K-Shoe onto the joint plates of any precast piles.

✓ *FOR ANY ROCK TYPE*

- Suitable for all types of rock (relatively soft limestone to relatively hard granite).
- Successful keying of precast piles into any type of rock.

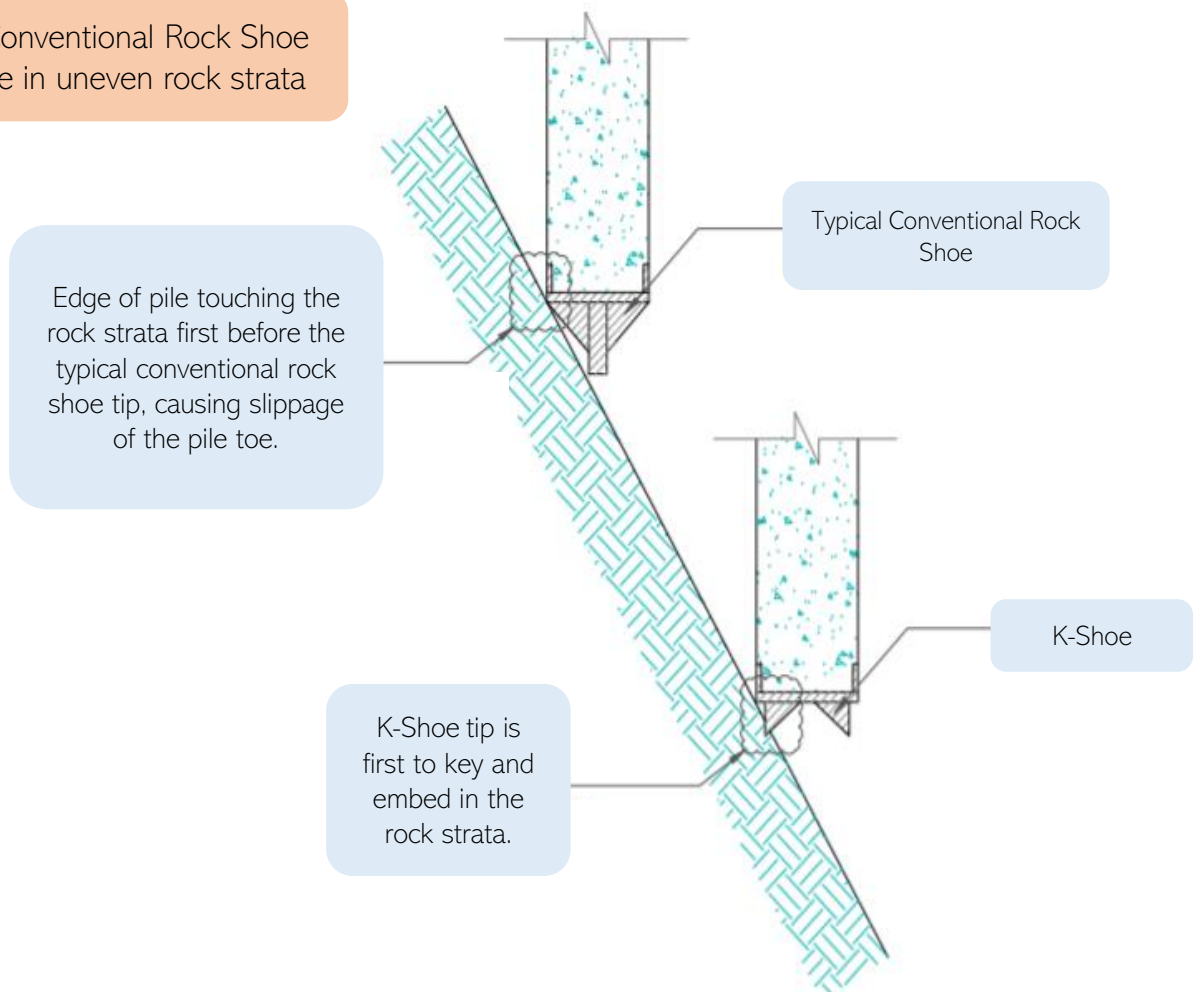
✓ *UNEVEN/SLOPING ROCK STRATA*

- Successful piling even in challenging conditions.
- In cases where the rock strata is highly uneven/sloping, such as locations with limestone or fractured granite, typical conventional rock shoes will be ineffective as their tip doesn't effectively embed itself in the rock. The K-Shoe can key itself into the rock in any rock strata condition, which results in a lesser chance of pile toe slippage.

✓ *OTHER FEATURES...*

- Protects the pile head.
- Easy to install on the pile head. (requires less skills)
- Low unit weight.
- Proven successful through use.
- K-Shoe geometry improves punching ability.
- One of the most economical rock shoe for piles.
- Unique shape of the K-Shoe enables it to embed itself into the direction of the rock strata.

Typical Conventional Rock Shoe
& K-Shoe in uneven rock strata



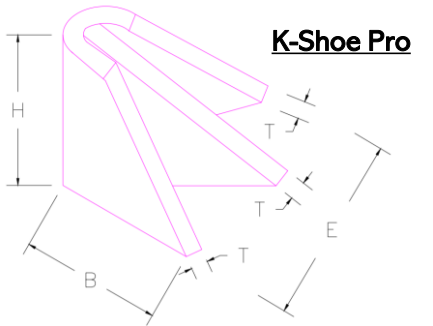
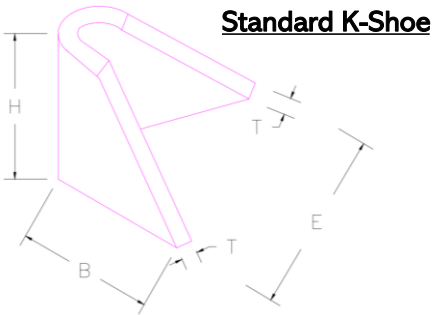
K-SHOE DIMENSIONS

K-Shoe Type	K-Shoe Height & Base (H & B)	K-Shoe Base Edge to Edge (E)	Standard K-Shoe Thickness for Soft to Medium Rock Strata such as Limestone (T)	K-Shoe Pro Thickness for Hard Rock Strata such as Granite (T)
Small K (SK)	75mm	106mm	2 x 12mm	3 x 12mm
Large K (LK)	100mm	141mm	2 x 15mm	3 x 15mm
Extra Large K (XLK)	125mm	176mm	2 x 15mm	3 x 15mm

FOR SPUN PILES (All Brands/All Classes)

Pile Size	Type of K-Shoe	Numbers of K-Shoe
250mm dia.	SK	5
300mm dia.	SK	5
350mm dia.	SK	6
400mm dia.	LK	5
450mm dia.	LK	5
500mm dia.	LK	6
600mm dia.	LK	7
700mm dia.	LK	8
800mm dia.	XLK	9
900mm dia.	XLK	10
1000mm dia.	XLK	11
1200mm dia.	XLK	14

K-Shoe units are to be placed equally apart along the spun pile perimeter.

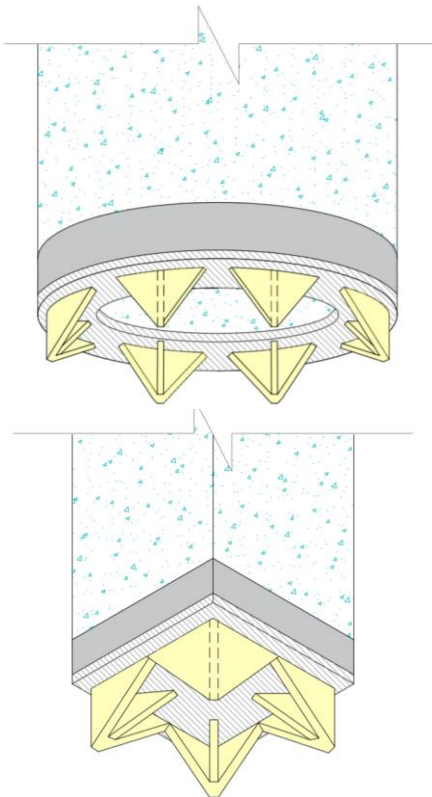


FOR SQUARE PILES (All Brands/All Designs)

Pile Size	Type of K-Shoe	Numbers of K-Shoe
150x150mm sq.	SK	4
175x175mm sq.	SK	4
200x200mm sq.	SK	4
225x225mm sq.	SK	4
250x250mm sq.	LK	4
275x275mm sq.	LK	4
300x300mm sq.	LK	4
325x325mm sq.	LK	4
350x350mm sq.	LK	4
375x375mm sq.	LK	4
400x400mm sq.	XLK	4
450x450mm sq.	XLK	8
500x500mm sq.	XLK	8

K-Shoe units are to be placed 30mm from the edge of the pile.
For 150mm and 175mm sq. piles, the K-Shoe units are to be flush along the pile's edge.

(Subject to change without prior notification)



K-Shoe® In Construction Sites



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