



**2018**

**Guide Spec**

参考ガイドスペック

The guide specification is decided based on some factors like blank performance, angler's body, characteristics and so on even if the length of fishing rods are same.

From now on, we'll show you just examples of standard guide specification judging from the length of the fishing rod.

We made 2 theories of guide setting to meet a variety of needs. They are for your references when you find that the guides suit your fishing rod.

## Tips of Guide Setting

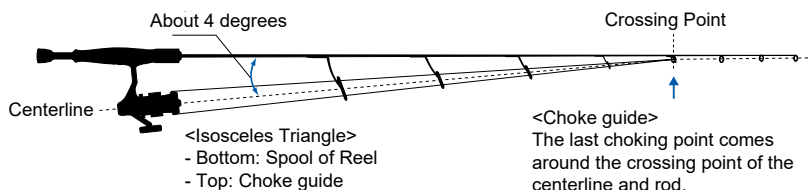
### for Spinning Rods - 1

New Guide Concept

In the New Guide Concept, line coil is coming from the spool and isosceles triangle is formed by line coil and the angle. The centerline from the spinning reel would cross the blank soon because the centerline has about 4 degrees angled toward to the blank. In this concept, choke guide should be set around the crossing point.

#### • For Nylon line and Fluorocarbon line

First of all, set Choke guide by the crossing point to manage the coil down. Guides inside of the crossing point should have the reasonable ring size based on the triangle and be set on the proper place. Guides outside of the crossing point should be smaller and lighter to keep sensitivity from losing and prevent line troubles. At this time, you have to be careful not to increase friction between line and guides.



#### • For Braided line

Braided line which is several times stronger than Nylon and Fluorocarbon changed the relationship between thickness and strength of lines drastically. Three Braided line's characteristics (thin, light and smooth) make friction between braided line and guides smaller than Nylon and Fluorocarbon. This can make it possible to put guides closer to spinning reels than Nylon and Fluorocarbon when you cast braided line.

If guides are set closer to reels, we find the improvement of casting distance as the first merit and you'll see it when you use the following kinds of fishing rod.

1. Fishing rods for casting moderate weight lures.
2. Fishing rods has enough repulsion and well-bended butt section.

#### If you set guides closer to reels than usual when using braided line...

- Don't set more guides than usual at first. You should regulate spaces between guides and if you really need additional guides, you can add them to tip section.

\*Because the more guides, the more friction although braided line has less friction.

- Don't make a big change, you have to move guides little by little because moving guides close to reels can break the blank by losing the bending balance of rod.

Please pay attention to the points above. You should do casting test before fixing guides and make any changes at your own risk.

### for Spinning Rods - 2

K·R Concept

In the KR Concept, some choke guides reduce line coil and make the line straight quickly.

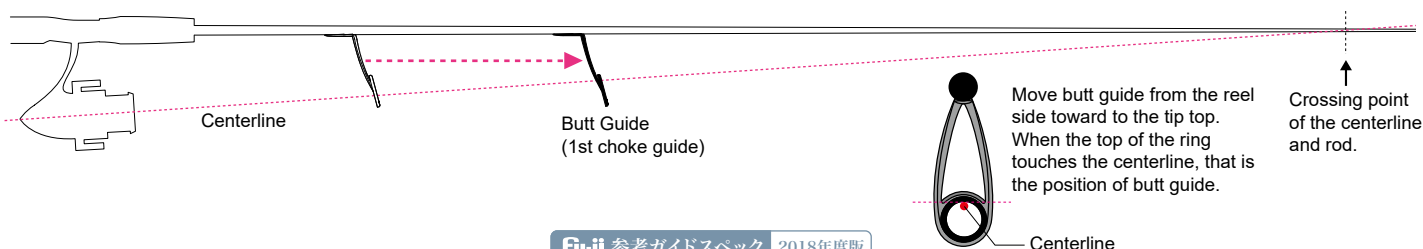
- You can't use the triangle theory in "for Spinning Rods -1" when you set guides because the line forms steep angle.
- 5 tips are shown below and please check the following example specification because setting butt guide (first choke guide) and belly guide is very important and sensitive, and the setting depends on length and characteristics of rod.



K Guide  
Tangle Free

#### 1. Set Butt Guide (1st choke guide)

Butt guide in KR Concept should be set differently from New Guide Concept because butt guide is so tall that line-slapping doesn't happen. First of all, decide how many and what kind of guides you use to reduce the friction between line and guides. Second, make a crossing point between the center line of reels and blank and the butt guide to tip section. If the center line touches upper inside of guide ring, the butt guide should be set that point. If the butt guide is too close to reels, it can decrease the casting distance and cause tangles. If the butt guide is too far from reels, it can reduce the rod power and casting control.



## 2. Set Belly Guide on the Temporary Position

Set belly guide temporarily on the halfway between butt guide and tip top guide after fixing them.

## 3. Set the 2nd and 3rd Choke Guide

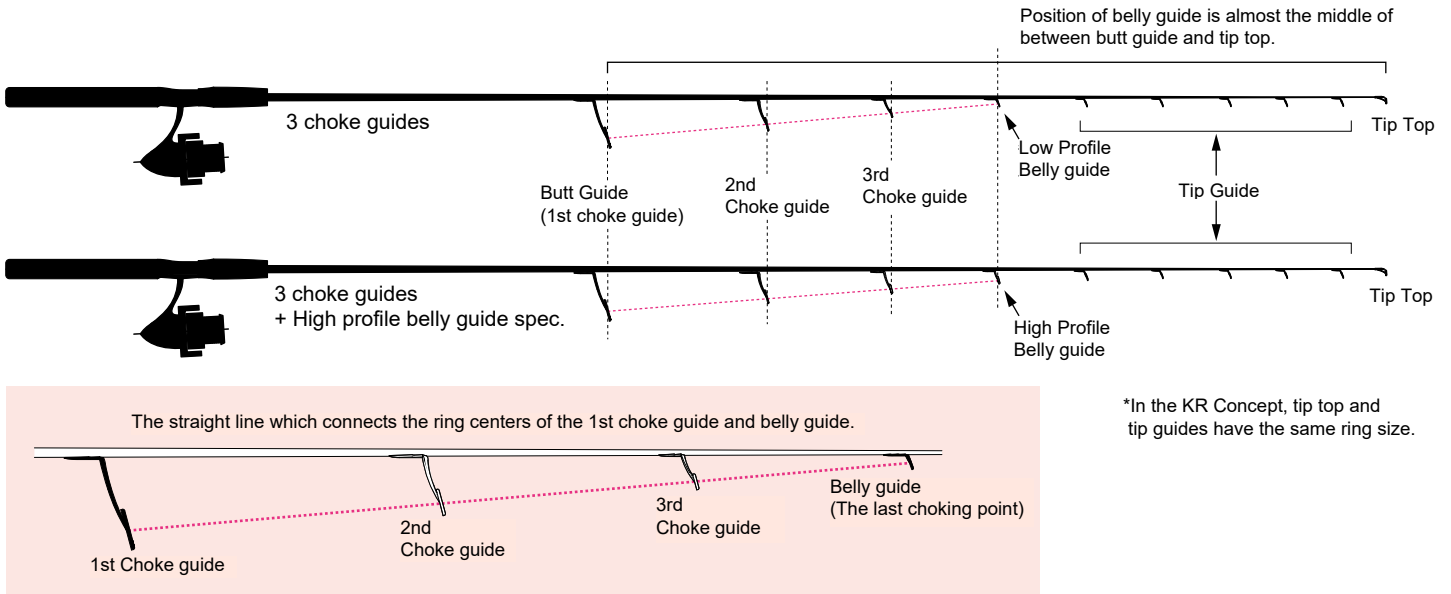
Set the 2nd and 3rd choke guide along the straight line connecting the center of butt guide's ring to the center of belly guide's. \*It's not always that the line pass the center of 2nd choke guide's ring or 3rd choke guide's. Guides should be chosen and set depending on lures, line and rod action because too strong choke can decrease the casting distance and cause tangles.

## 4. Set Guides on Tip Section

Ring size of tip guides should be decided based on lures, line and rod action. As it gets close to the tip top guide, the spaces between each tip top guide get small.

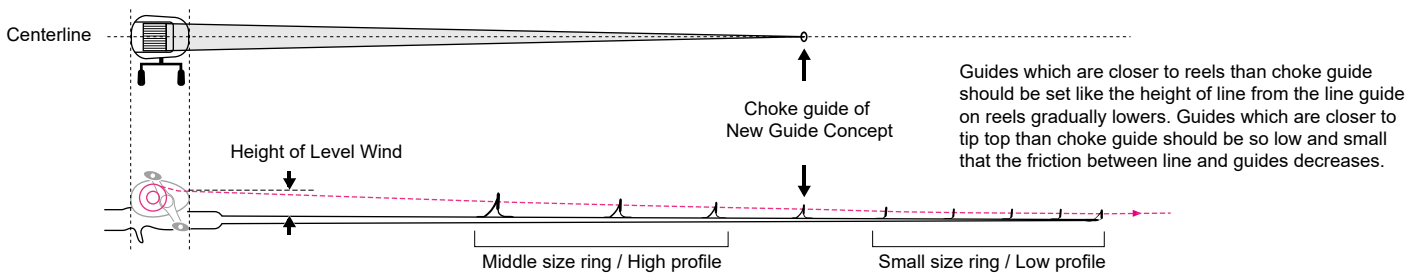
## 5. Adjust the Balance of Guide Setting

Check rod bending and the line angle and if you feel weird, move belly guide after setting all the guides on the fishing rod. If belly guide is moved, setting of the second and third choke guide and tip guides should be fixed.



## for Bait Casting Rods - 1 New Guide Concept

Fishing line which is released from spool passes through the line guide and choke guide should be set on the vertex of the following isosceles triangle.



### How to read the spec chart and the explanation about the downsizing spec. with TORZITE.

Downsizing example: Replace the guides which size below 12 of SiC to 1 size smaller guide with TORZITE.

Guide: 8pcs	Rod: 5feet 6inchies	18.5cm	14	12.5	11	10.5	10	9.5
TORZITE Guide Spec	→ • TORZITE	KL25H	KL12H	KL5.5M	KB4.5	KT4.5	KG4.5F	→ Downsizing
SiC Guide Spec	→ • SiC	KL25H	KL12H	KL5.5M	KB5	KT5	LG5	

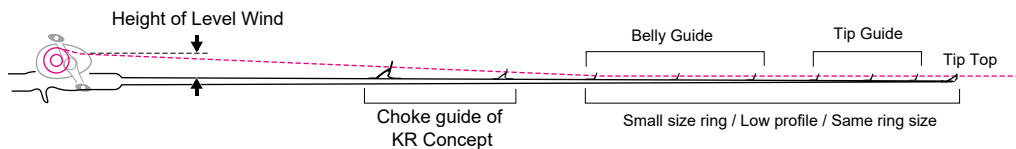


The line from bait casting reels is straight although the line from spinning reels forms line coil. In KR Concept, 2 choke guides make line straight rapidly. Therefore, butt guide (first choke guide) should be so tall that line can be led to the second choke guide from line guide on reels smoothly.

• You can find the step 1 to 5 below, however, it's very sensitive to decide the positions of most important 2 choke guide and belly guide. As it varies depend on the length of rod and taper of blank, please refer the reference guide spec chart as well.

**Basically, the height of the guides becomes lower smoothly from level wind to belly guide.**

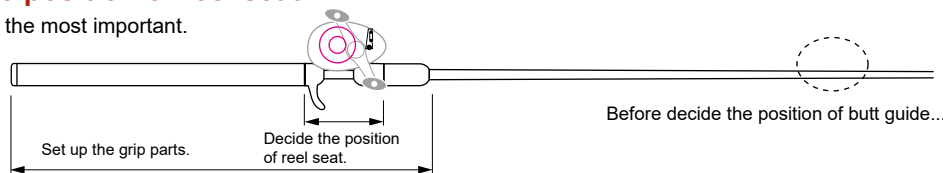
If the choke guide has the same or greater ring I/D as the level wind, and the belly guides have appropriate height to run line smoothly, it will be able to choke the line with less friction even though the line get curled or not tensioned.



**1. Decide the length of grip and the position of reel seat.**

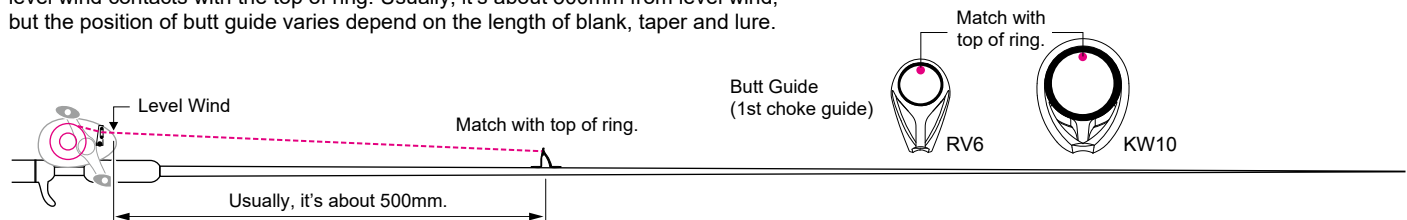
Length from reel to butt guide (1st choke guide) is the most important.

Thus, decide the position of reel seat and set up the grip parts first.



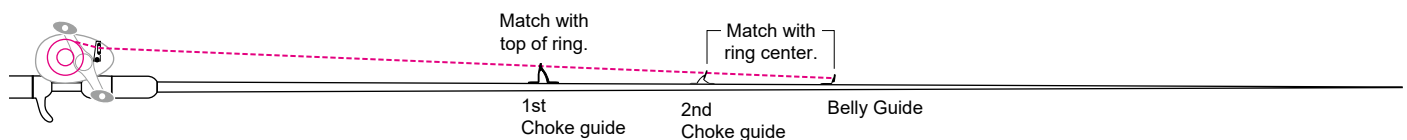
**2. Straight line from level wind comes on top of the ring of butt guide.**

Temporary decide the position of butt guide at the point where the straight line from level wind contacts with the top of ring. Usually, it's about 500mm from level wind, but the position of butt guide varies depend on the length of blank, taper and lure.



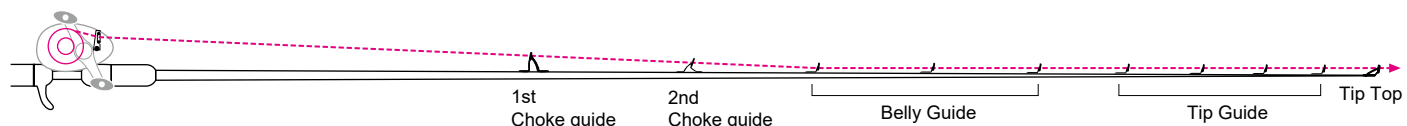
**3. Temporary decide the position of 2nd choke guide and belly guide.**

Extend the straight line from level wind through the ring top of butt guide further. Temporary decide the position of 2nd choke guide and belly guide (the most reel side) by matching with the straight line at the top of ring.



**4. Temporary decide the position of tip guides and other belly guides.**

Decide the ring size of tip guides with considering about the rod action. Toward to tip top from belly guide, place the tip guides by making the space between the tip guides shorter gradually. Use the ring center to temporary decide the position of tip guides.



**5. Check the balance of all guide positions.**

Once you decide the position of all the guides, run the line through guides. Then check the degree of bending of blank and line. There are 2 important tips.

1. The spacing of each guide is appropriate or not.
  2. Line doesn't touch blank when the blank is bended or not.
- In case the line touches blank, adjust the guide spacing little by little and test it. Even in case the line still touches blank, increase the number of tip guides.

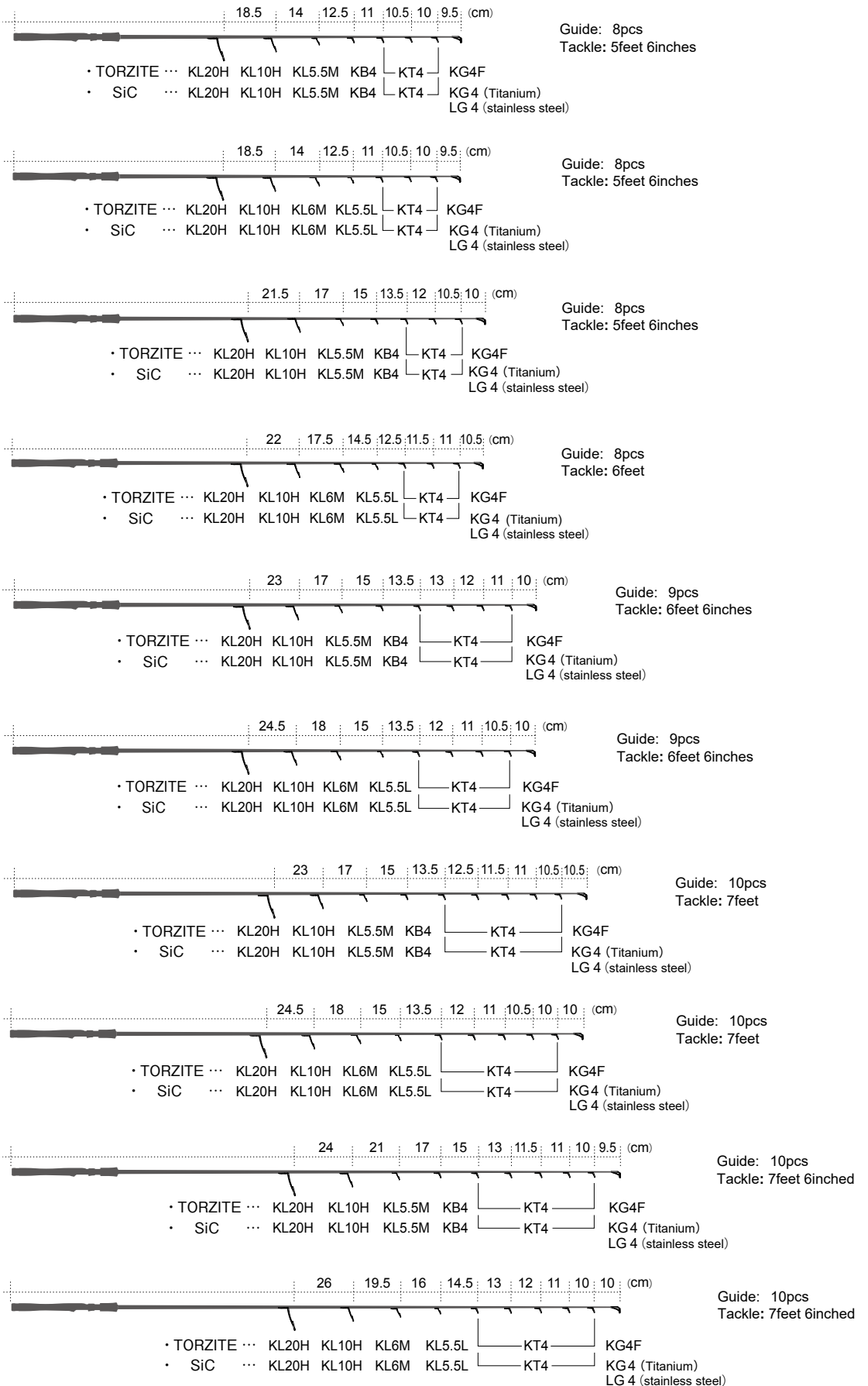
参考ガイドスベック本文

# Bass rod



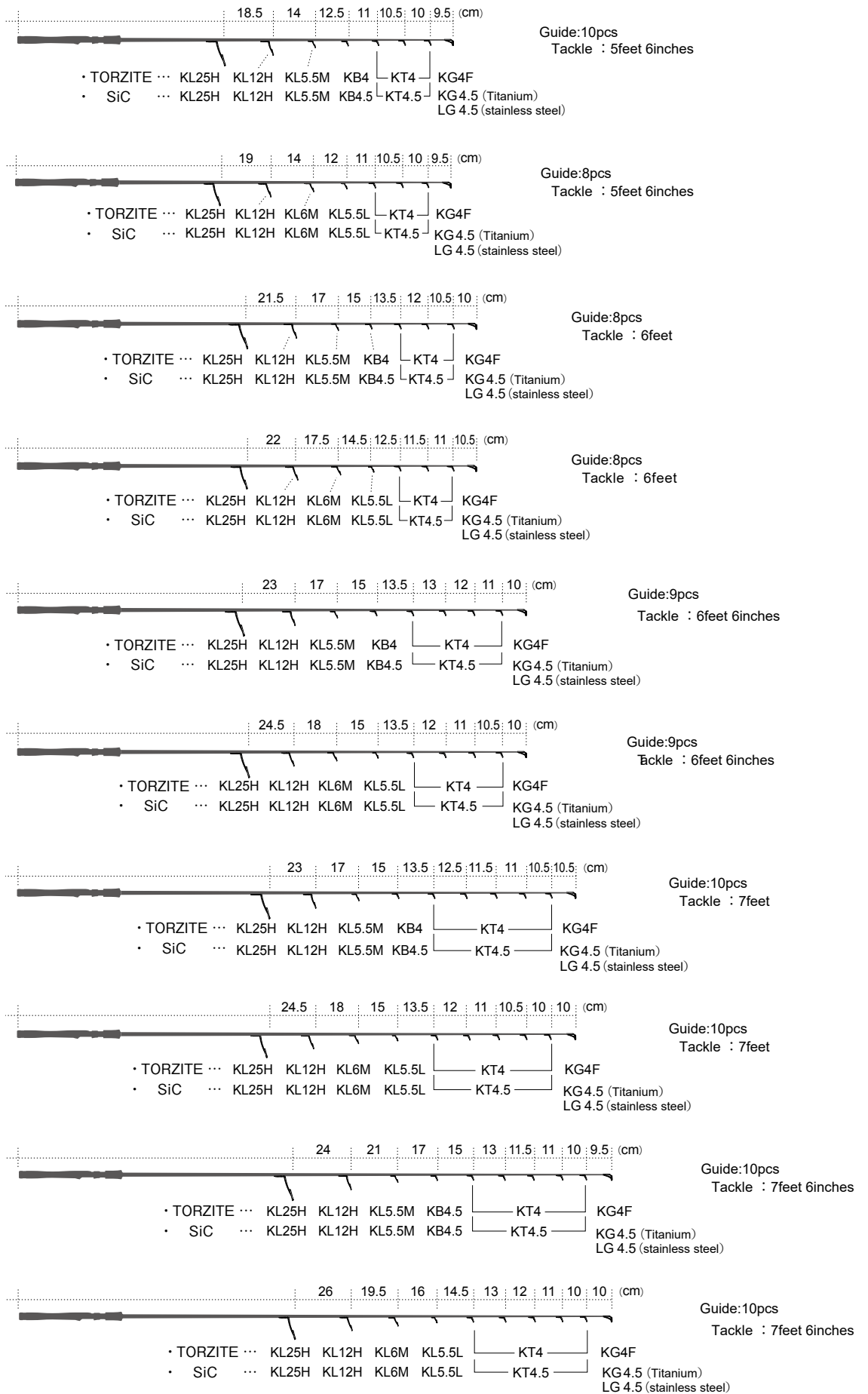
## Spinning

● Monofilament line : 3 ~ 6 lb





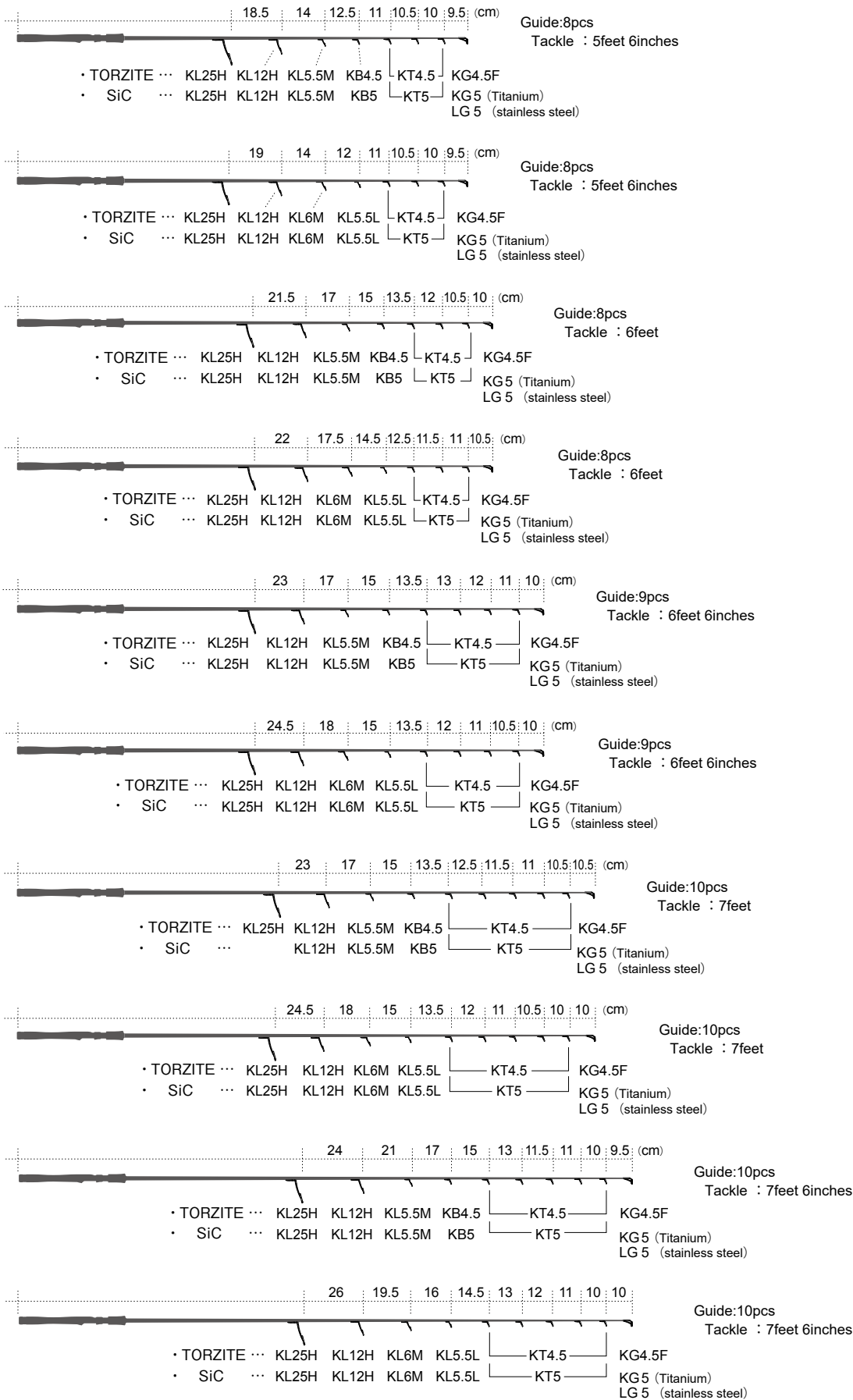
● Monofilament line : 5 ~ 12 lb





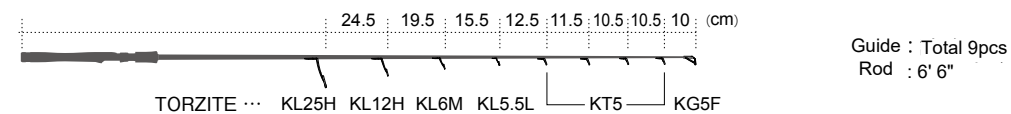
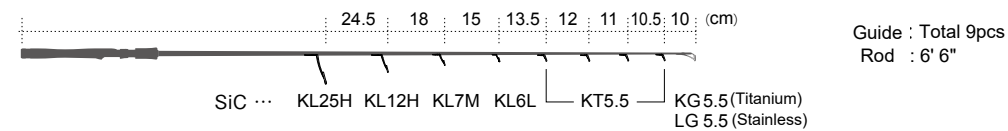
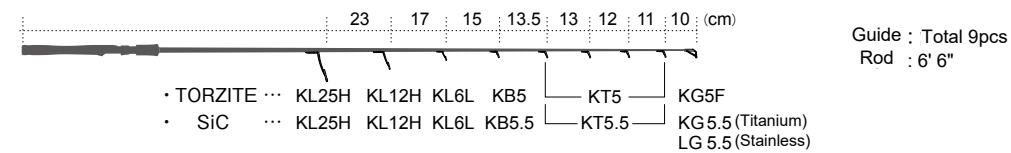
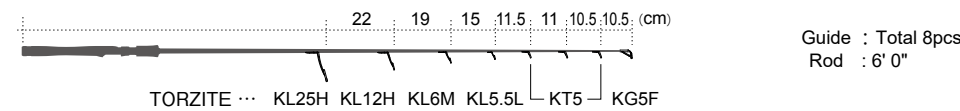
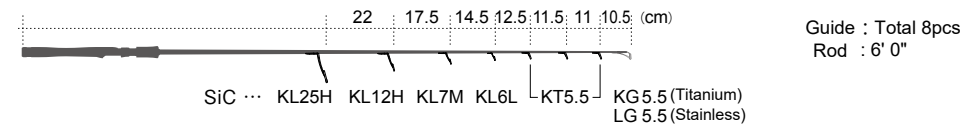
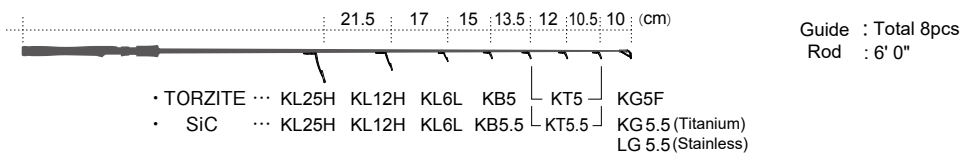
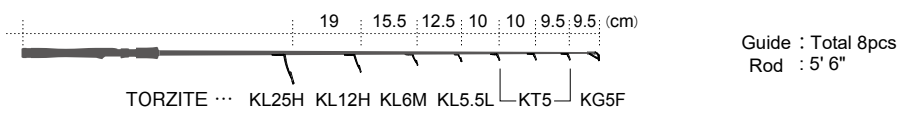
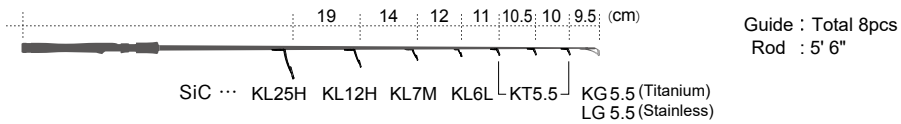
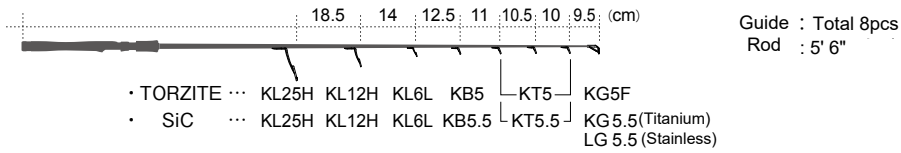
● Monofilament line : ~ 12 lb

※For Thick line+Long-cast with Lightweight Lures



● Monofilament Line : ~ 14 lb

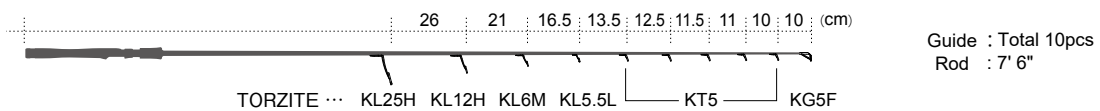
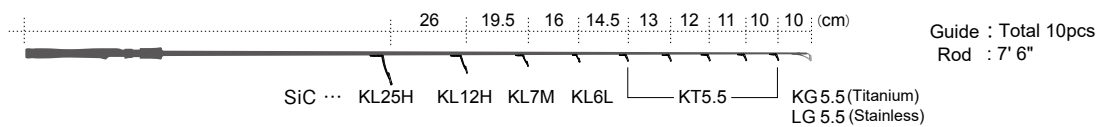
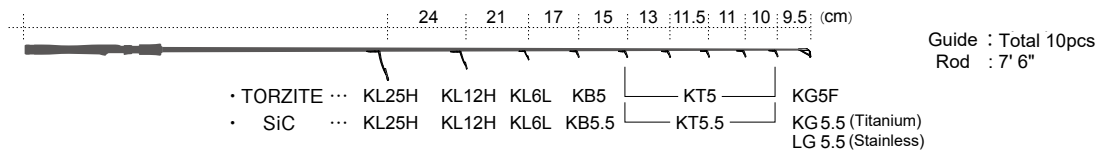
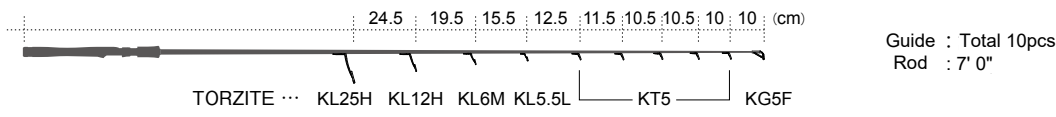
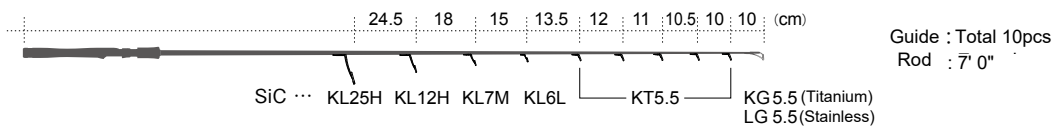
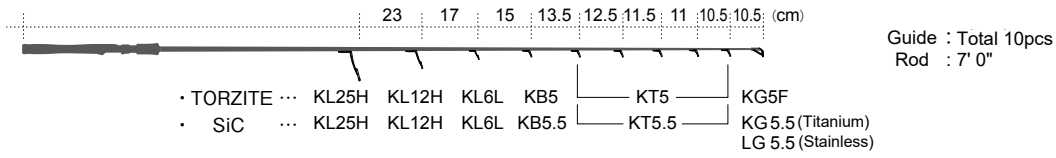
\*Appropriate for long cast with thick line + light lure





● Monofilament Line : ~ 14 lb

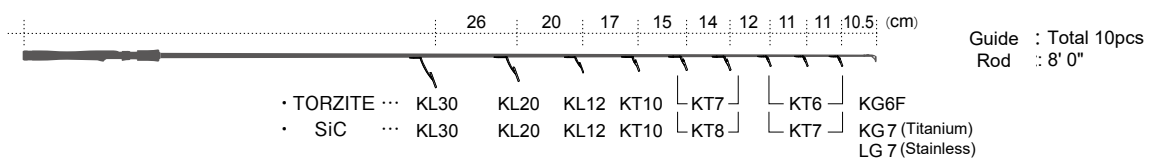
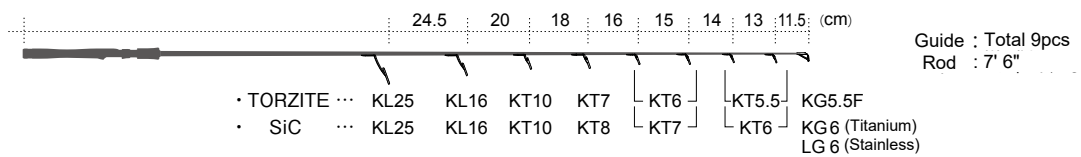
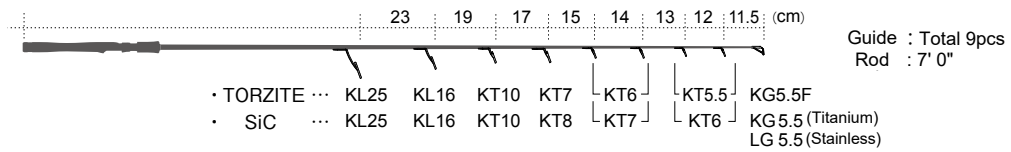
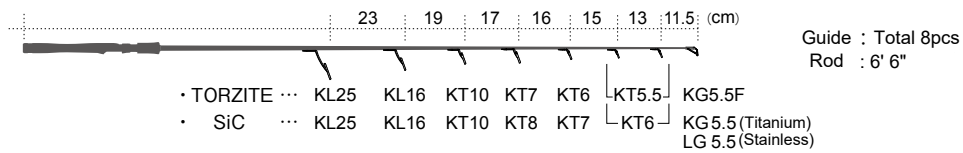
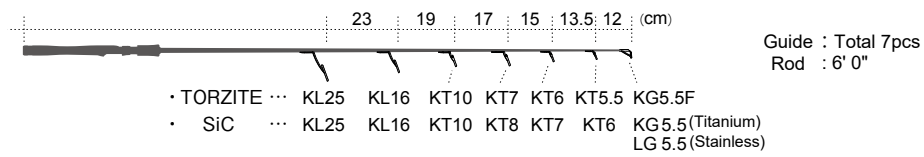
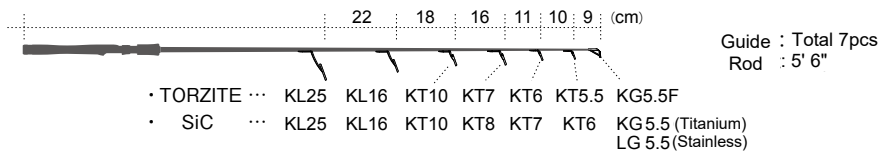
\*Appropriate for long cast with thick line + light lure



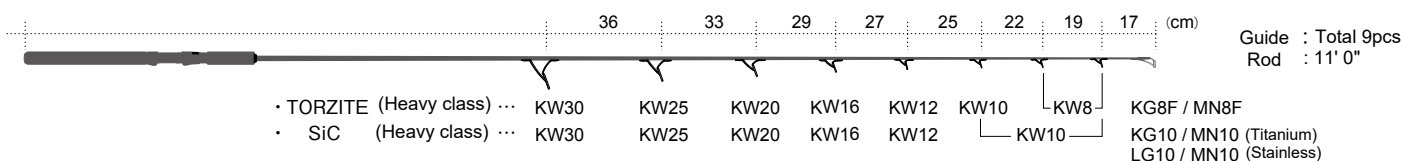
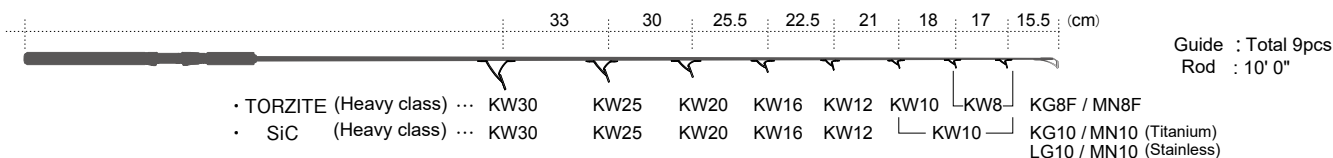
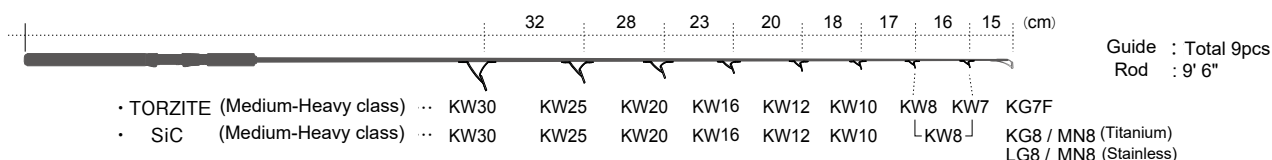
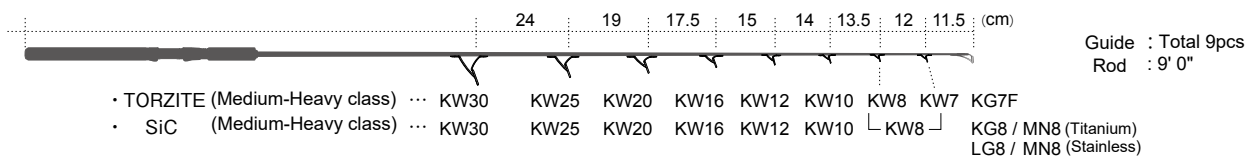
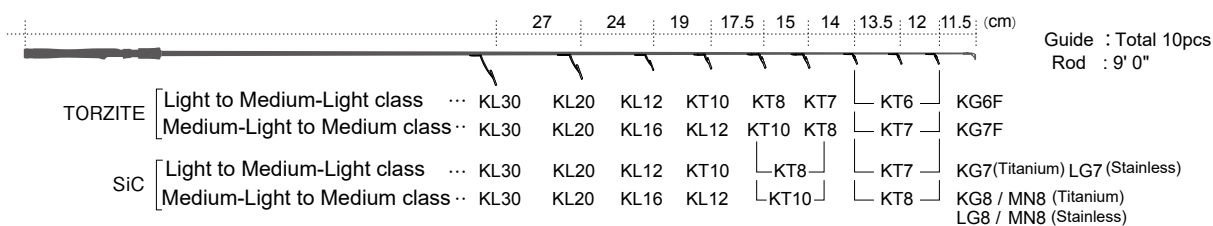
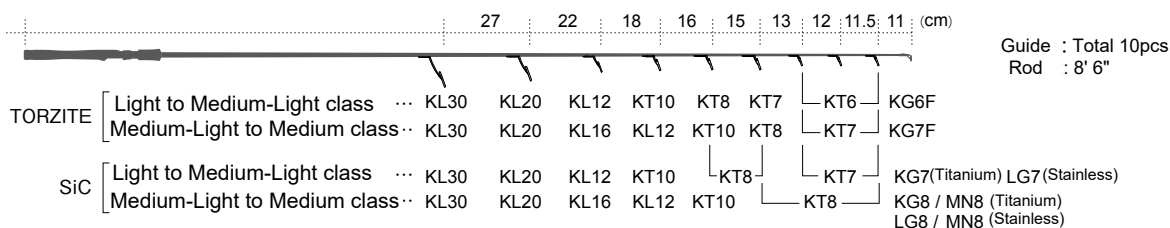
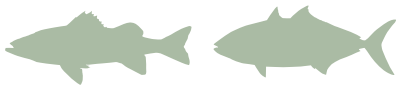
# Lure Rod



## Spinning



# Lure Rod (Spinning)



# Bass Rod

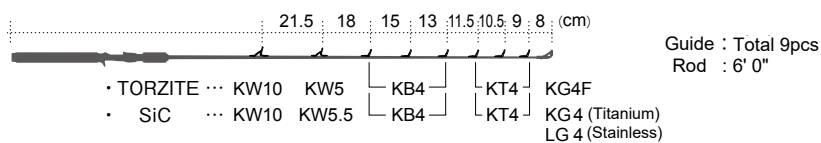
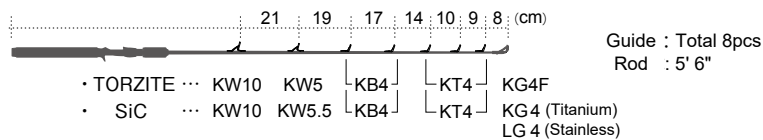
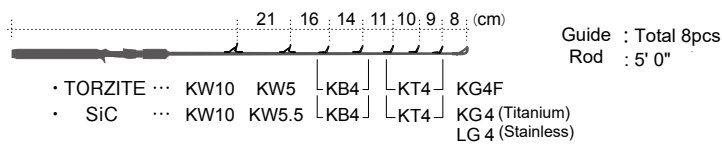
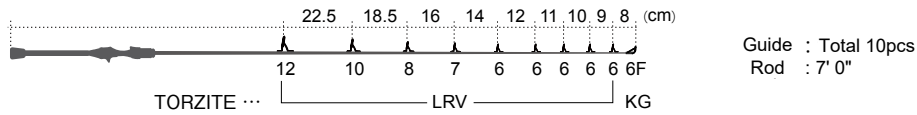
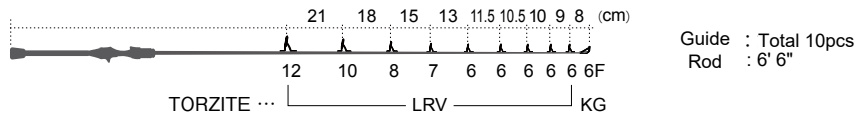
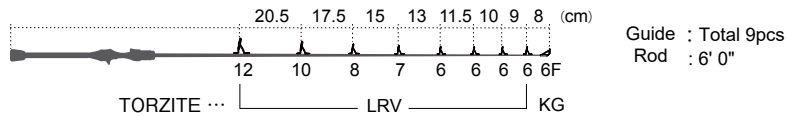
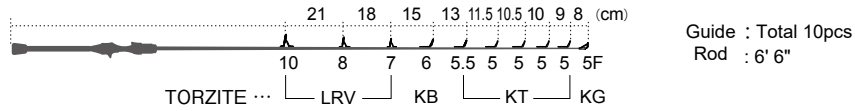
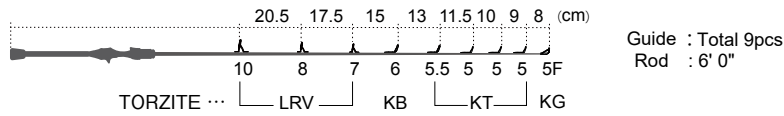


## Bait Casting



● Monofilament Line : 8 ~ 20 lb

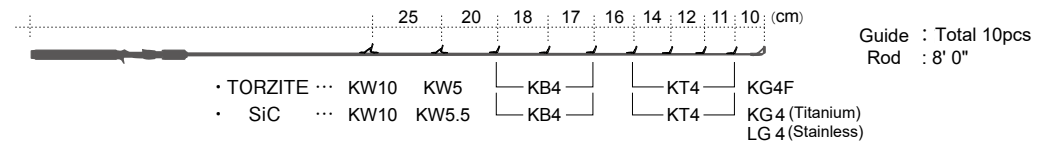
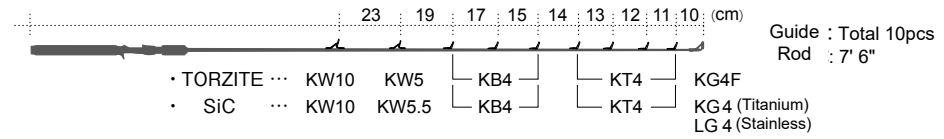
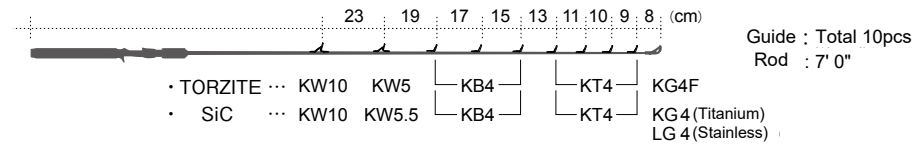
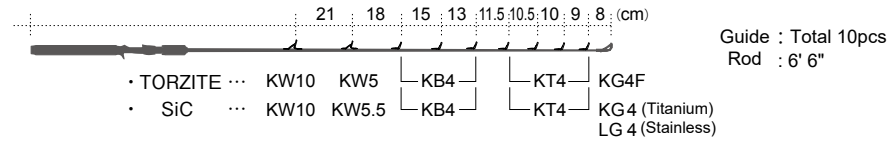
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● Monofilament Line : 8 ~ 20 lb

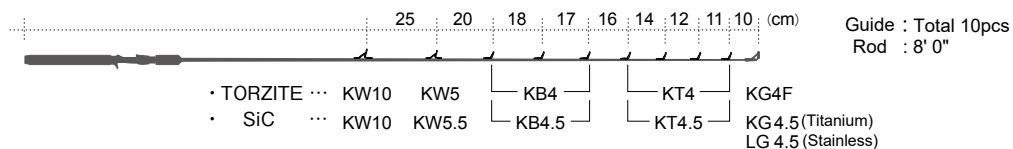
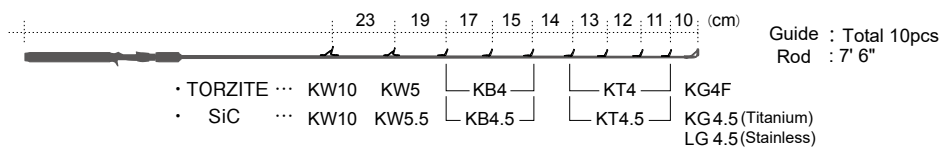
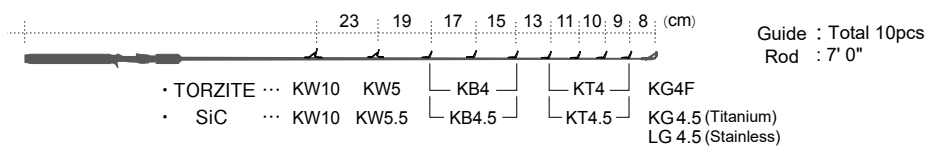
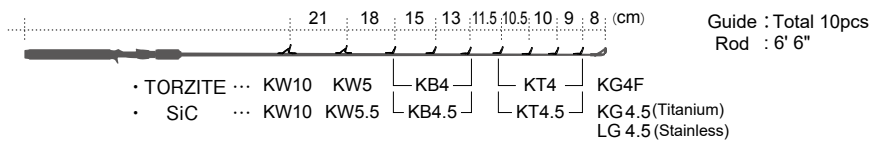
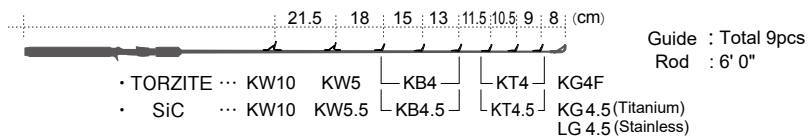
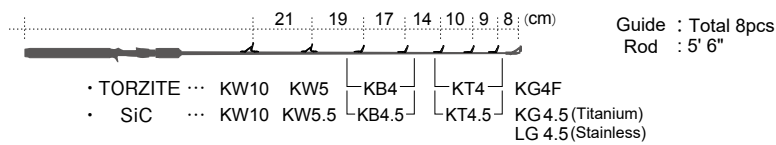
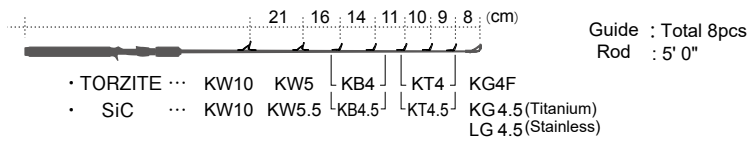
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● Monofilament Line : 12 ~ 25 lb

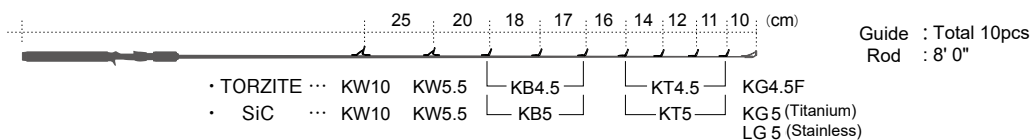
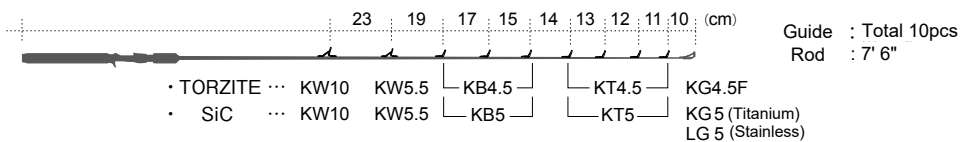
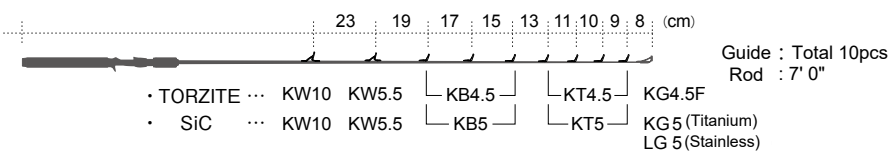
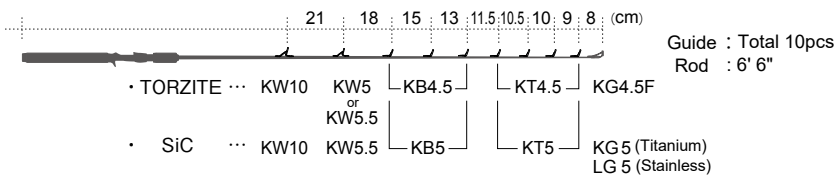
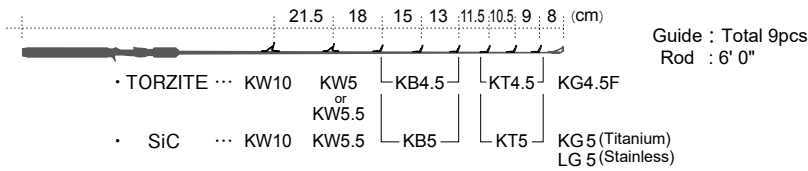
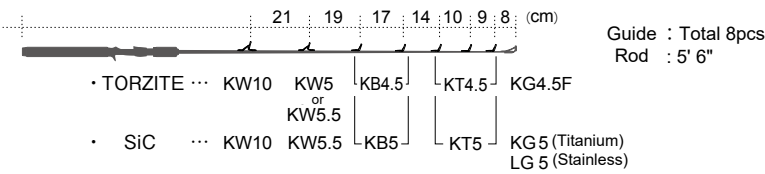
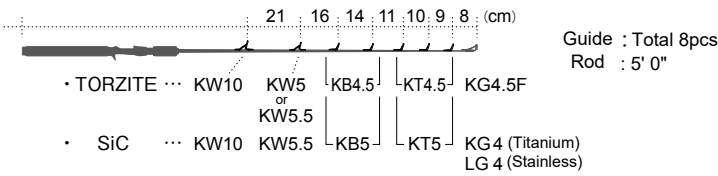
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● Monofilament Line : 16 ~ 25 lb

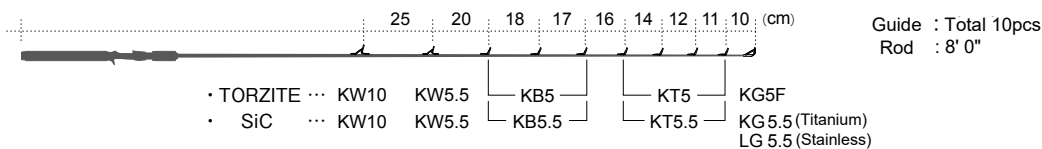
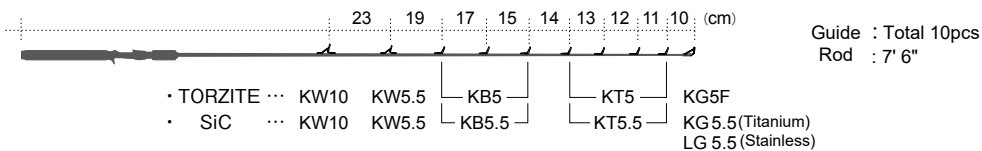
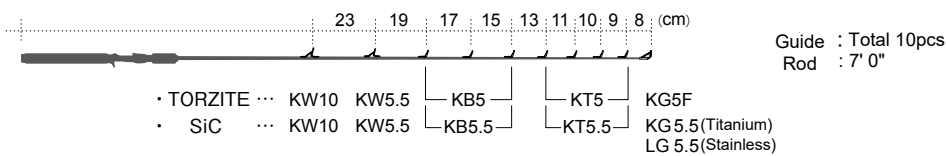
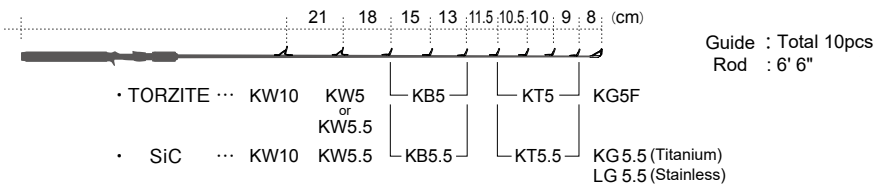
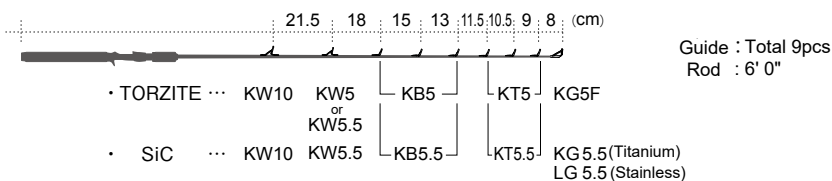
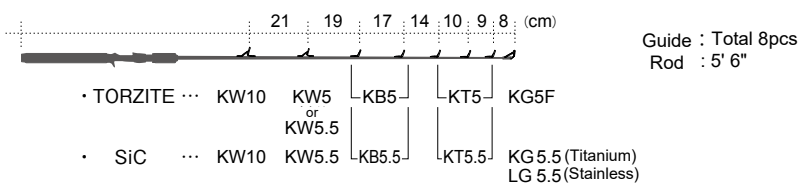
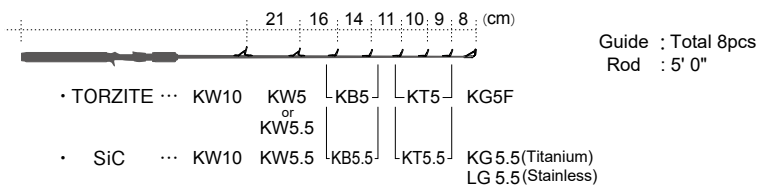
<for Heavy Action>





● Monofilament Line : 20 ~ 30 lb

<for Heavy Action>

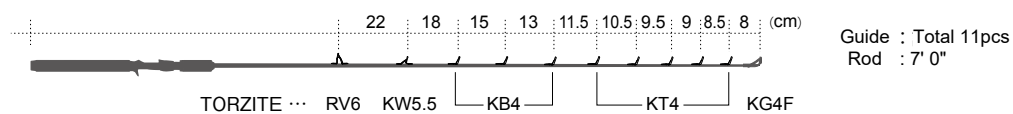
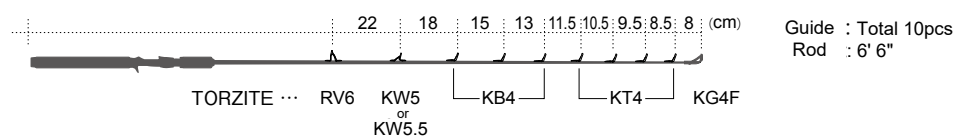
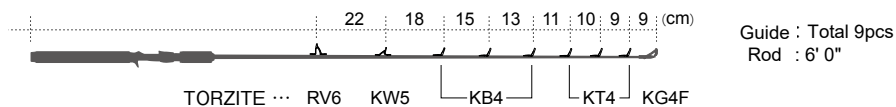






● Monofilament Line : 6 ~ 12 lb

<for Bait Finess>



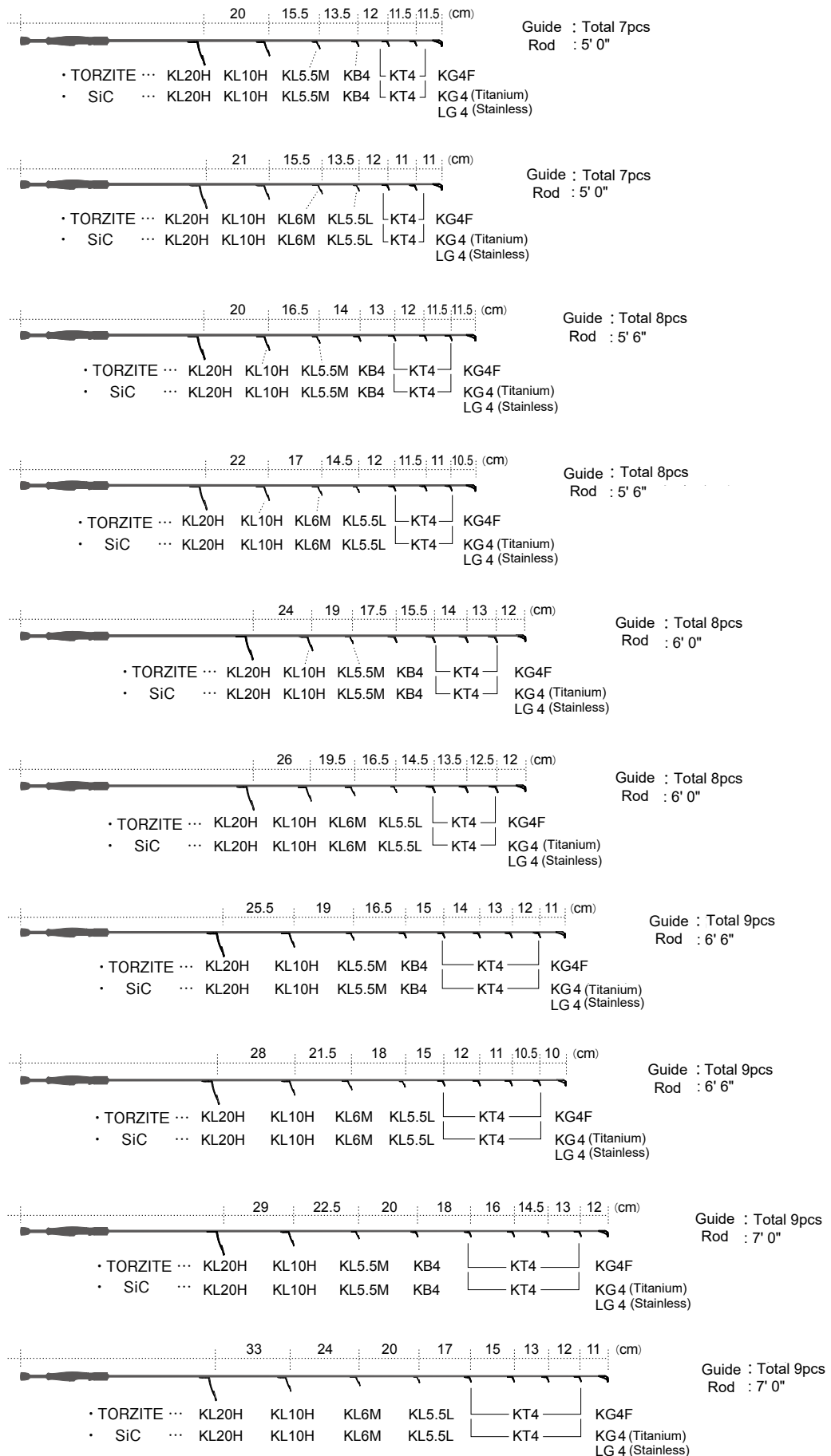
# Area Rod for Fishing Pond



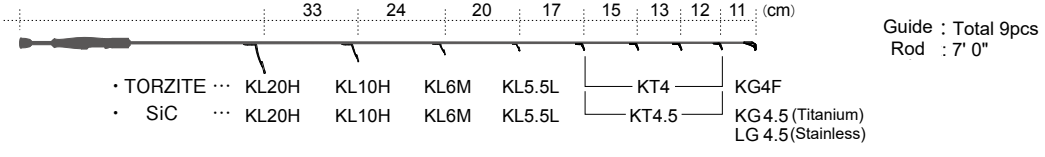
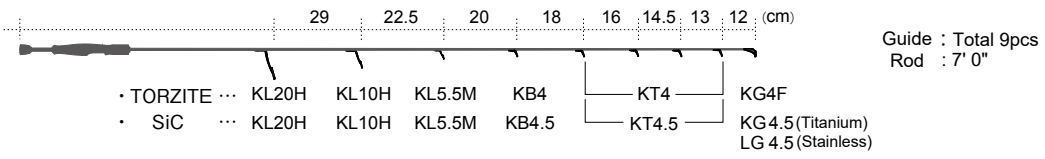
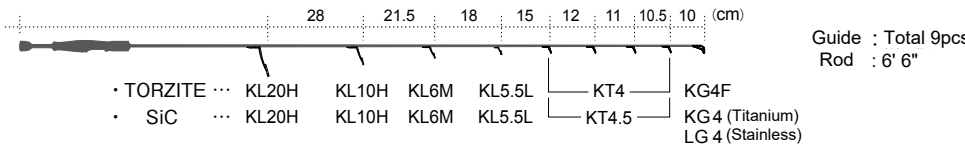
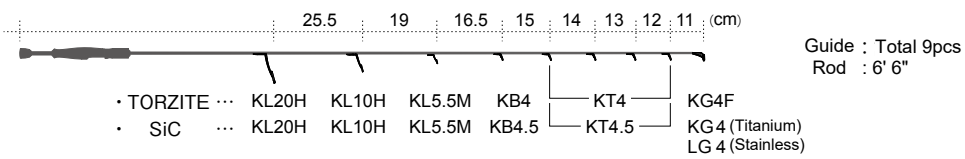
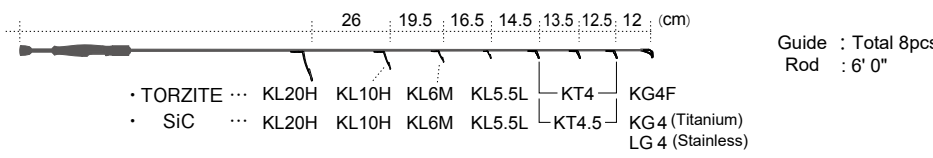
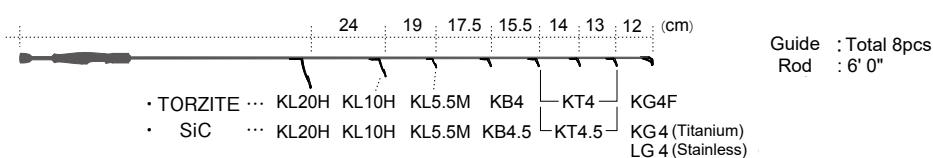
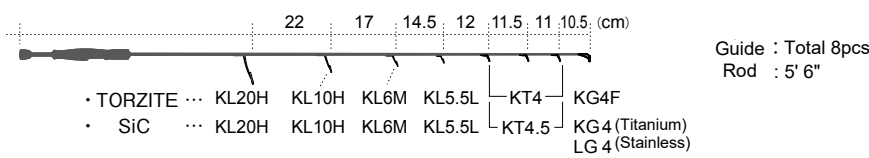
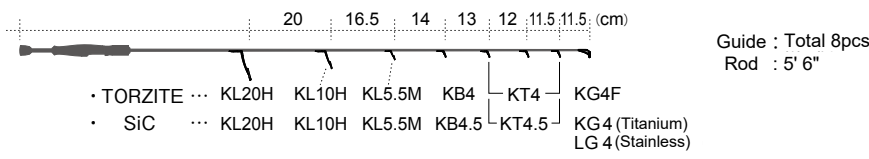
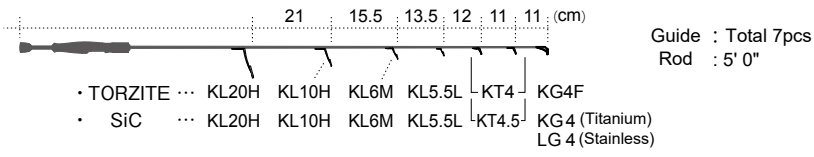
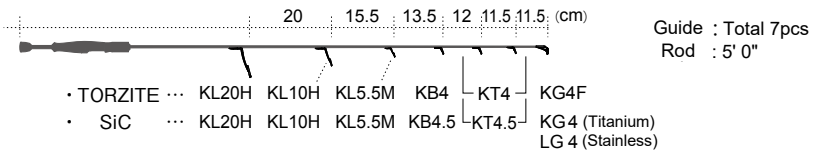
## Spinning



● Monofilament Line : ~ 5 lb

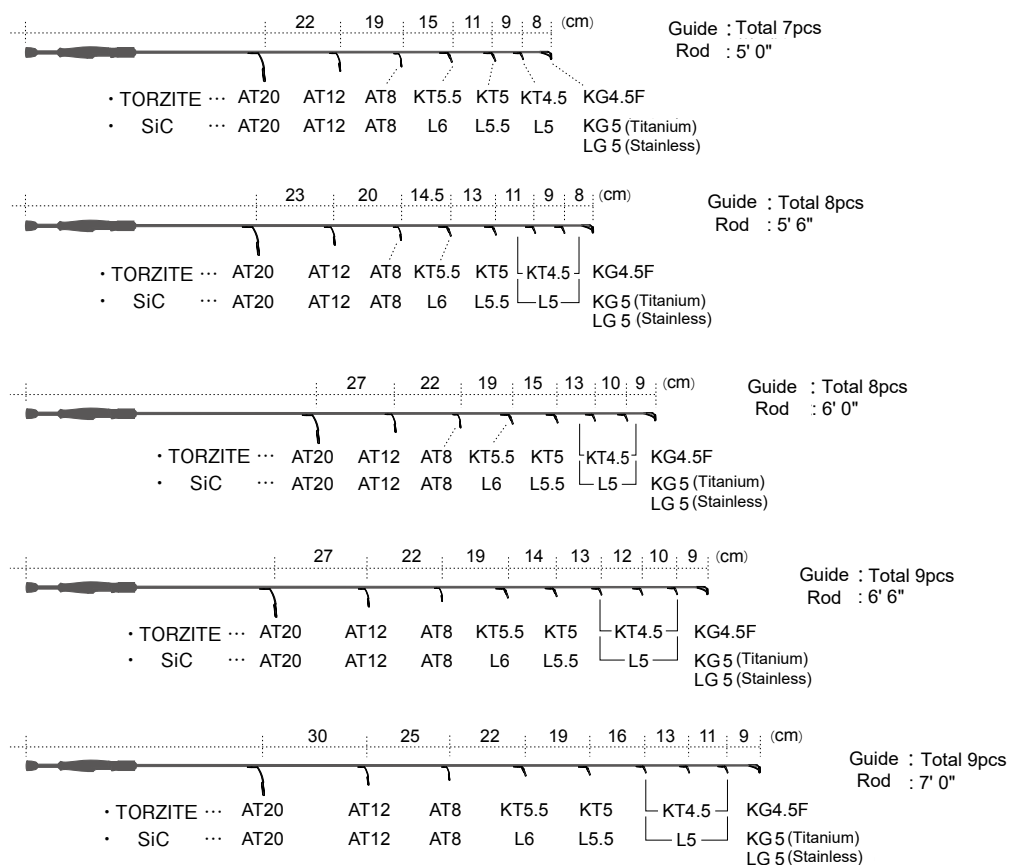


● Monofilament Line : ~ 6 lb \*Compatible with light weight lure

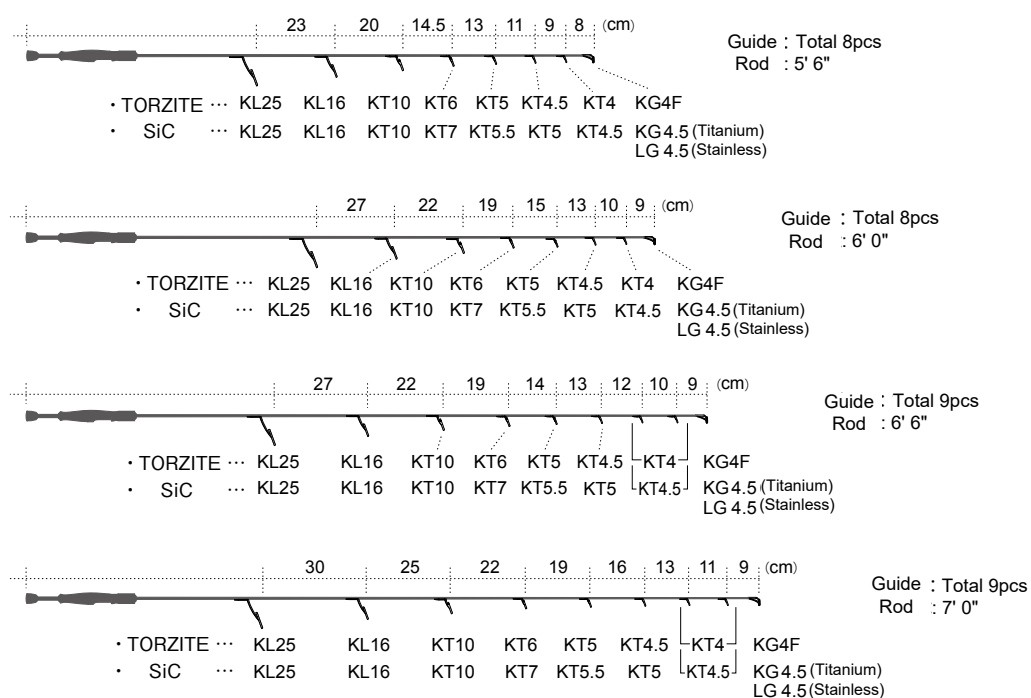


# Area Rod for Fishing Pond (Spinning)

## <Standard Spec.>

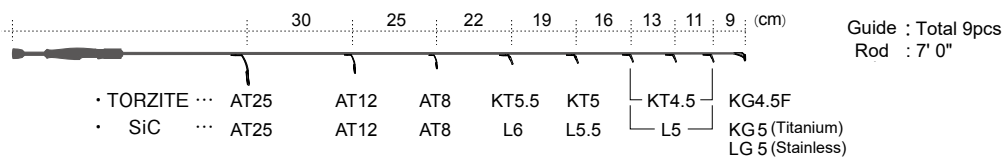
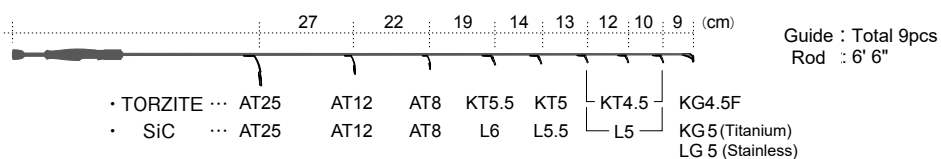
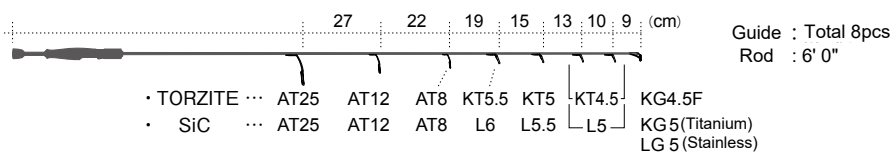
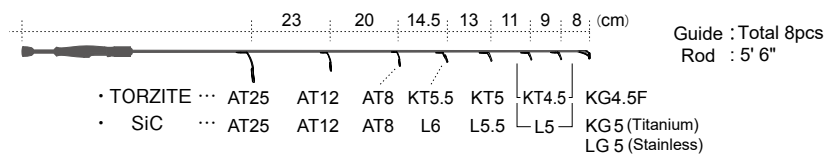


## <Braided Line Spec.>



# Area Rod for Fishing Pond (Spinning)

## <Long Distance Spec.>



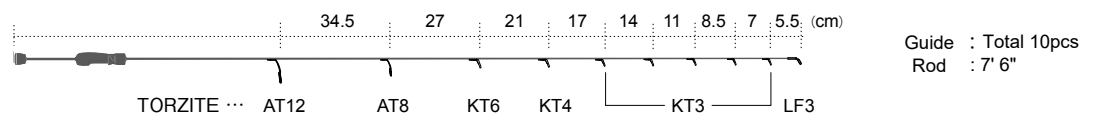
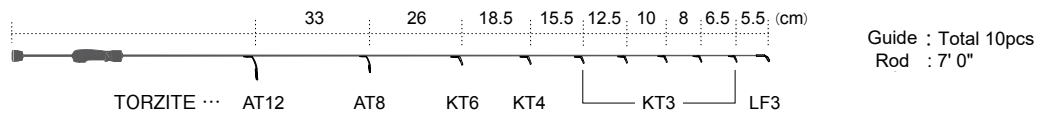
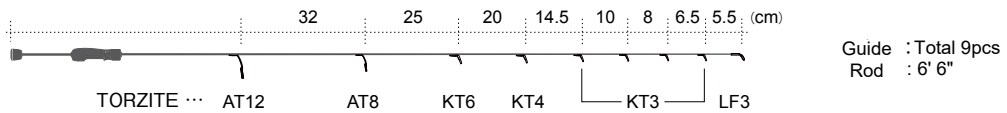
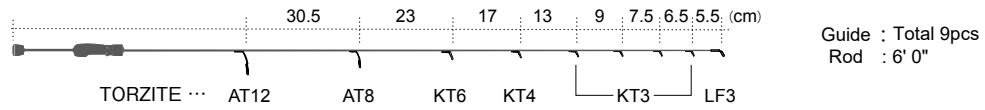
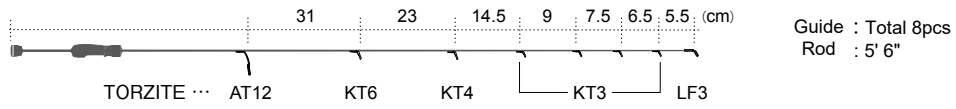
# Ajing Rod



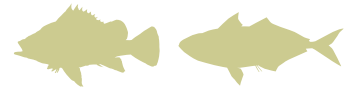
## Spinning



● Monofilament Line : ~ 2 lb



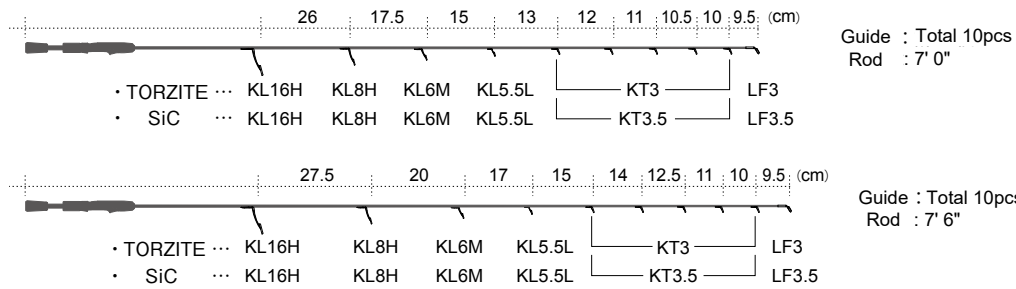
# Mebaru, Ajing Rod



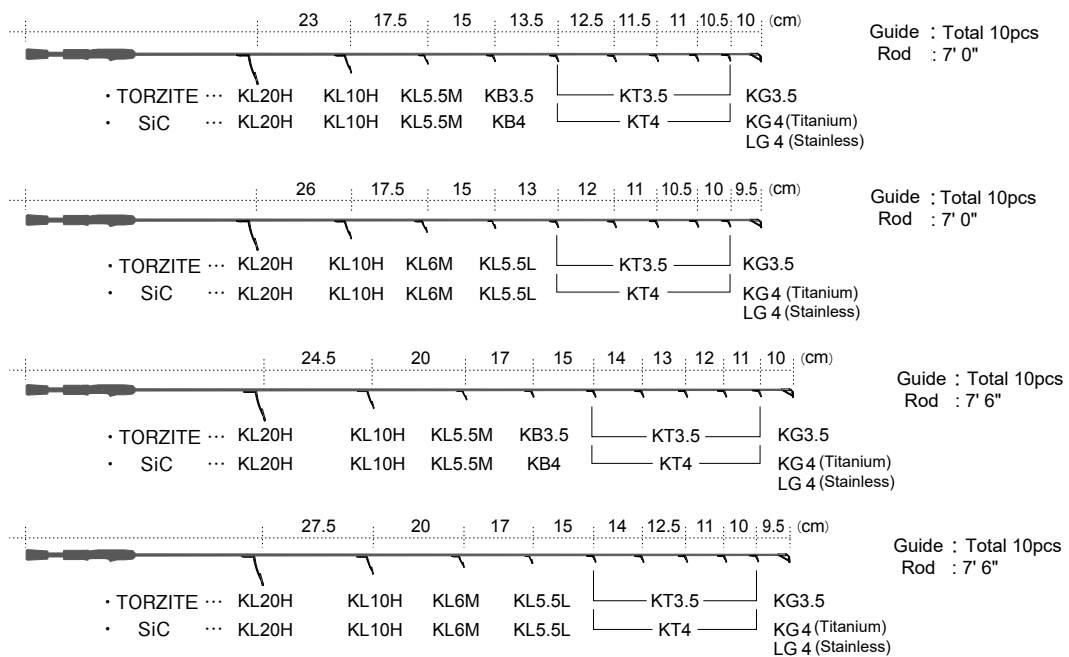
## Spinning



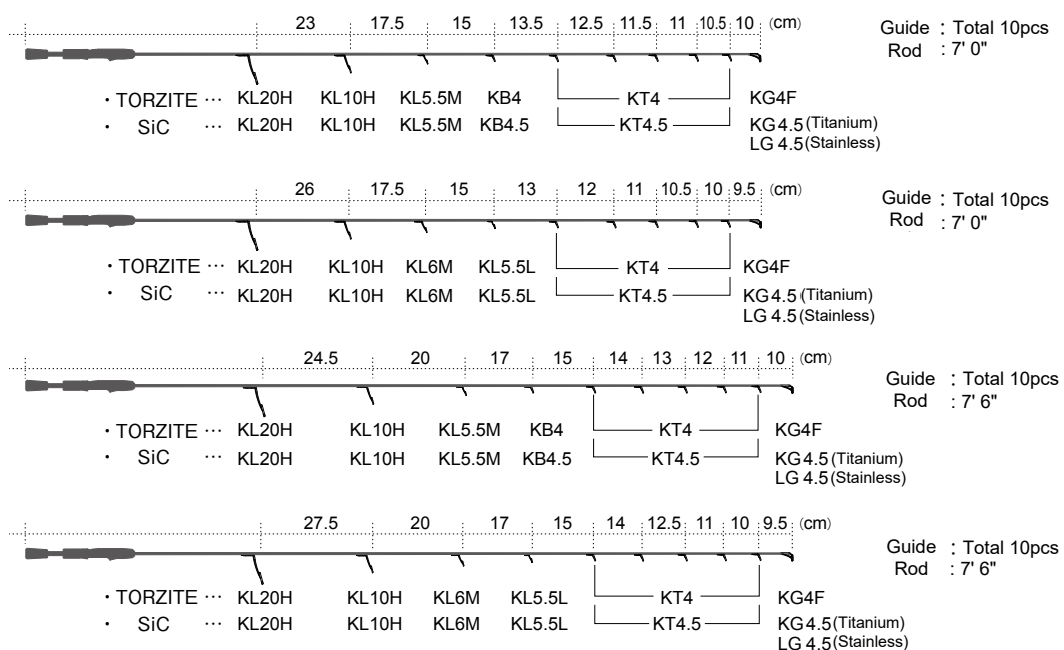
### ● Monofilament Line : ~ 2 lb



### ● Monofilament Line : ~ 5 lb

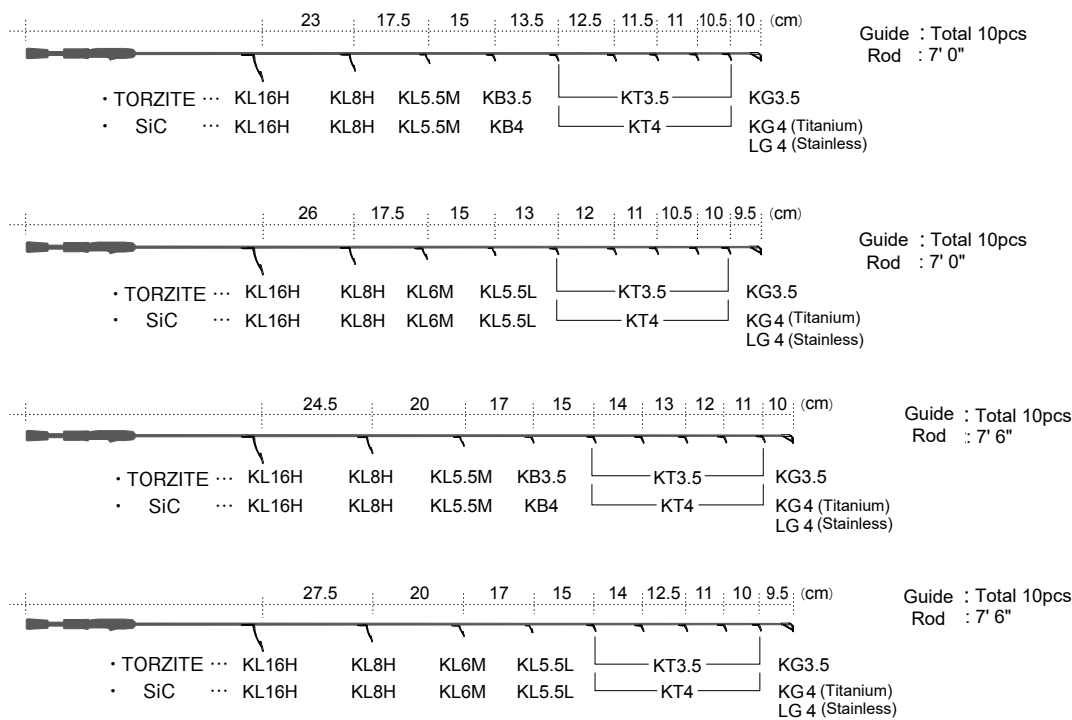


### ● Monofilament Line : ~ 8 lb \*Thick Line + Light weight Lure for Long Casting

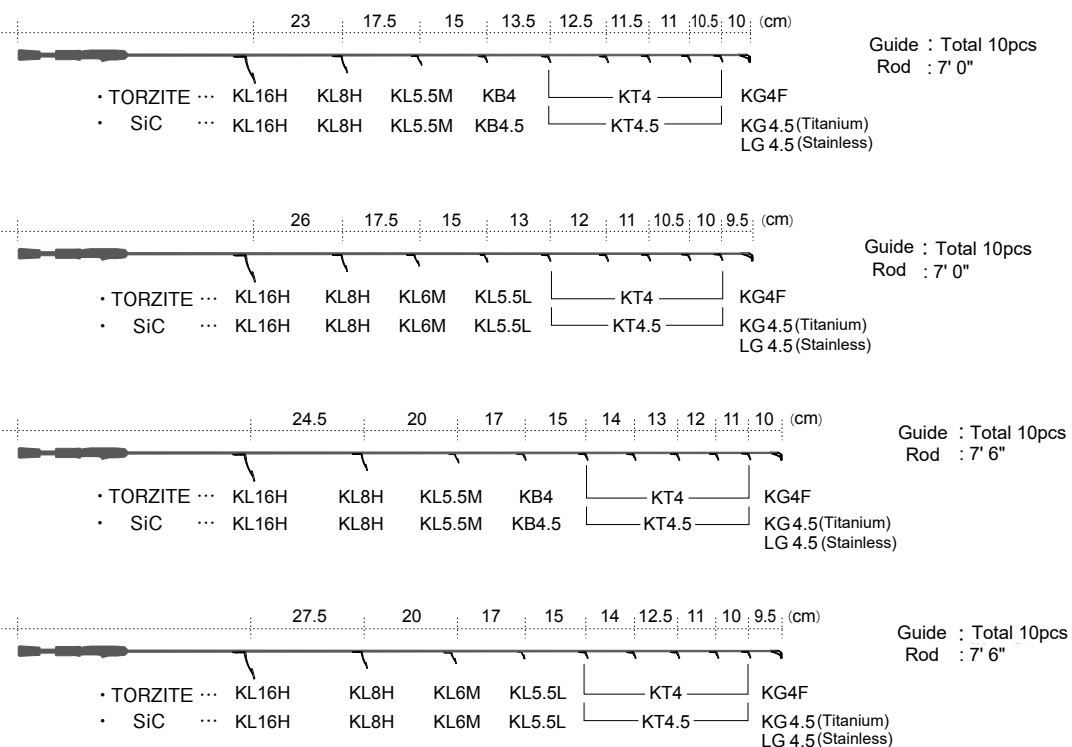




● Braded Line: ~ 0.8 \*Not appropriate for leader roll up



● Braded Line: ~ 0.8 \*Compatible with Leader roll up (Leader: ~ 8lb)

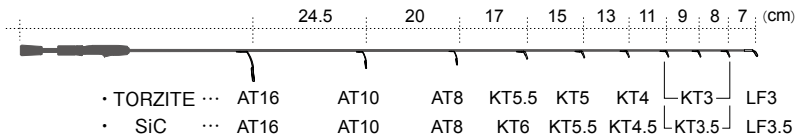




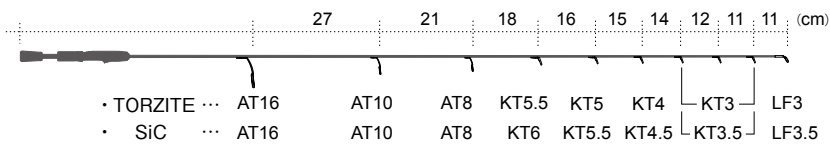
# Mebaru, Ajing Rod (Spinning)



## ● Monofilament Line : ~ 2 lb

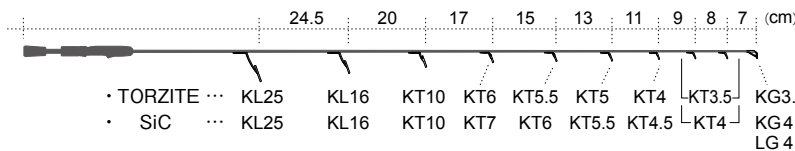


Guide : Total 10pcs  
Rod : 7' 0"

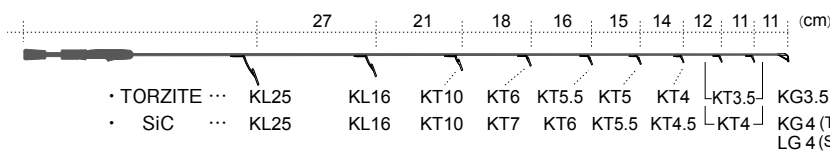


Guide : Total 10pcs  
Rod : 7' 6"

## ● Monofilament Line : ~ 5 lb



Guide : Total 10pcs  
Rod : 7' 0"



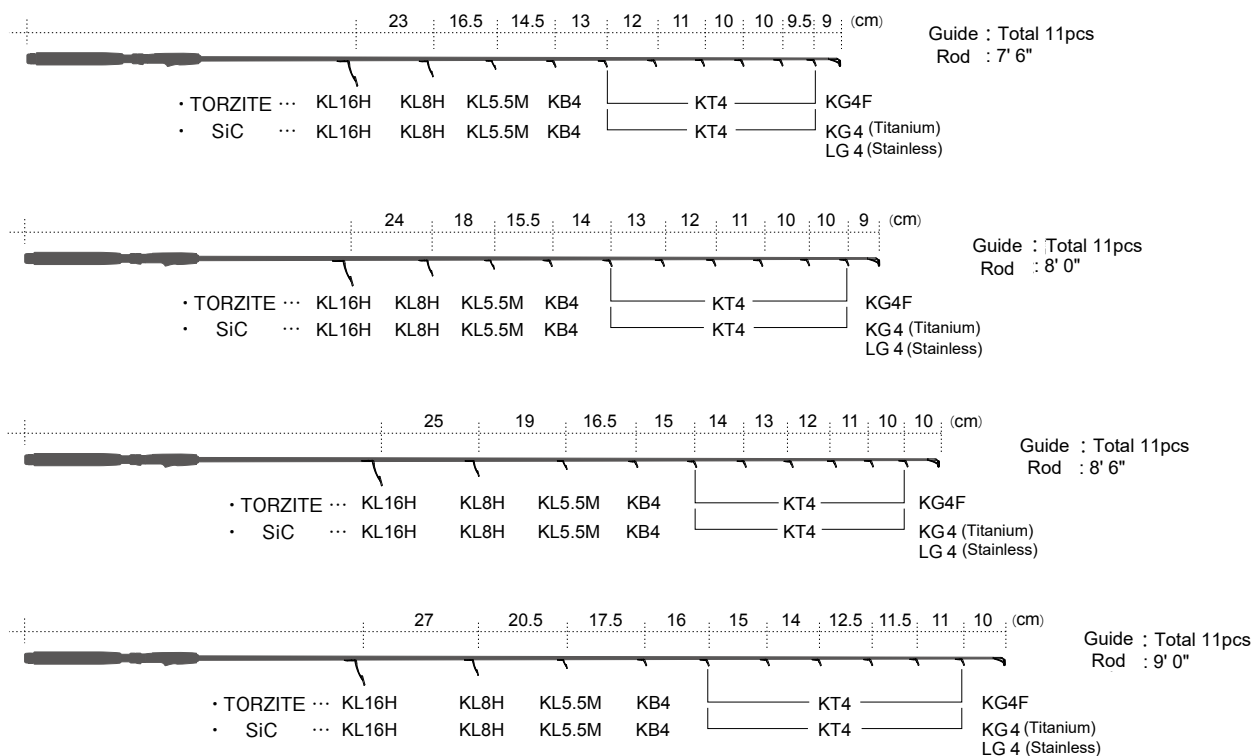
Guide : Total 10pcs  
Rod : 7' 6"

# Eging Rod

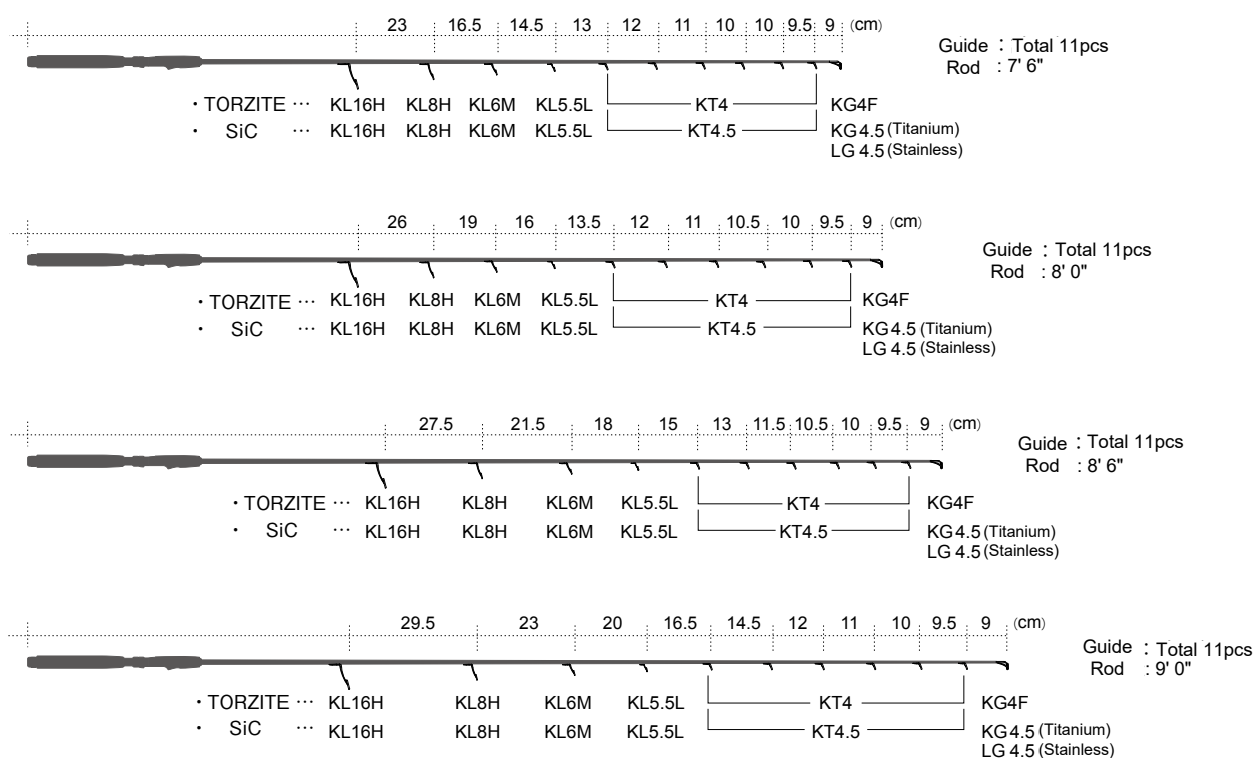
## Spinning



● Braded Line: ~ 0.8 \*Not appropriate for leader roll up



● Braded Line: ~ 0.8 \*Compatible with Leader roll up (Leader: ~ 8lb)

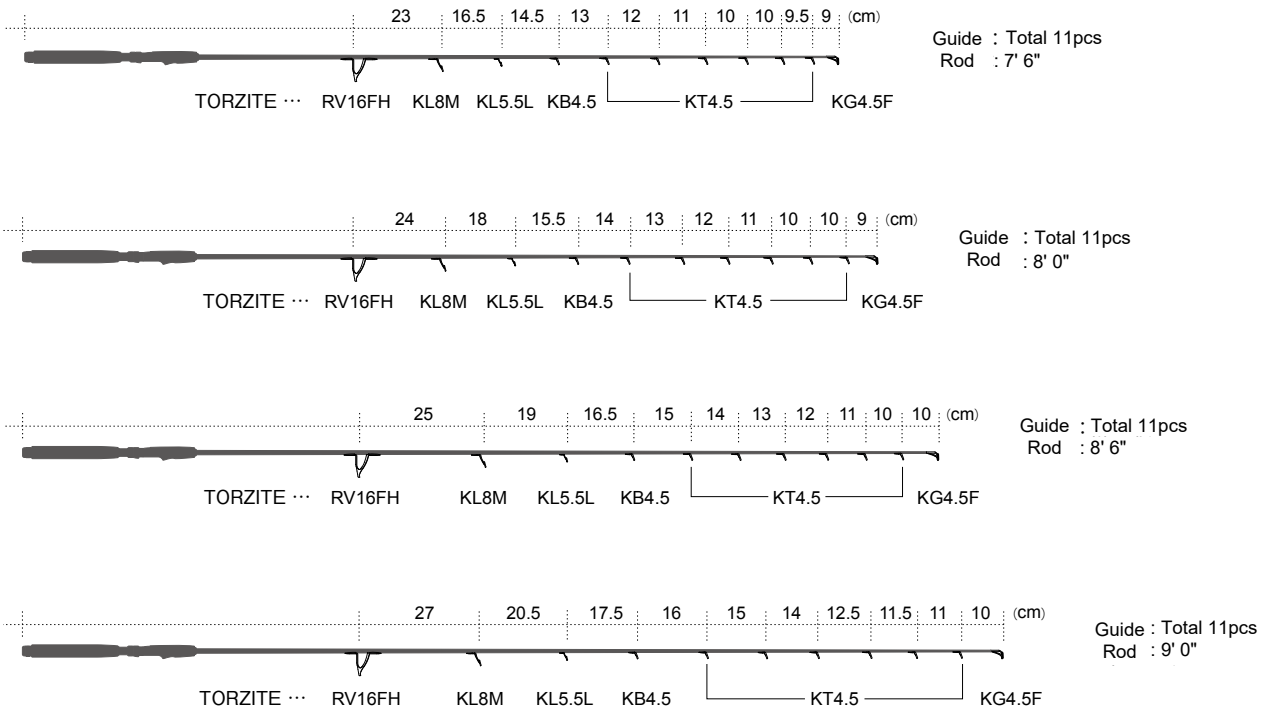


# Eging Rod (Spinning)

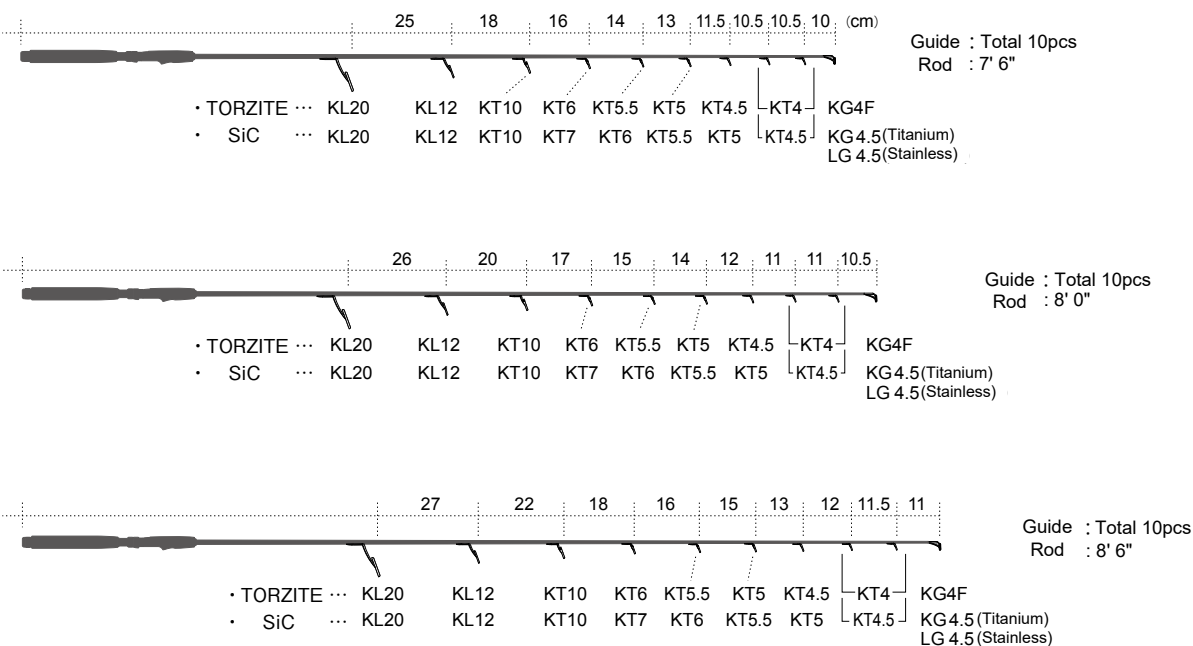


● Braded Line: ~ 0.8 \*Compatible with Leader roll up (Leader: ~ 12lb)

## <for Medium to Heavy class>



## <for Light to Medium class>



# Seabass Rod

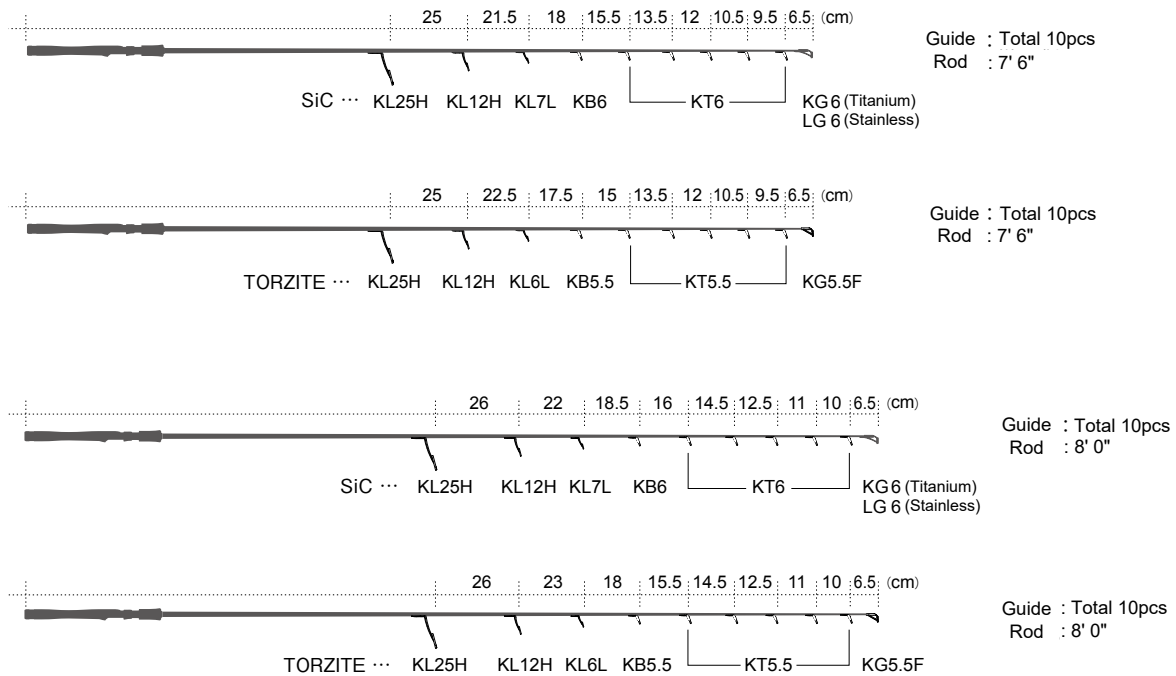


## Spinning



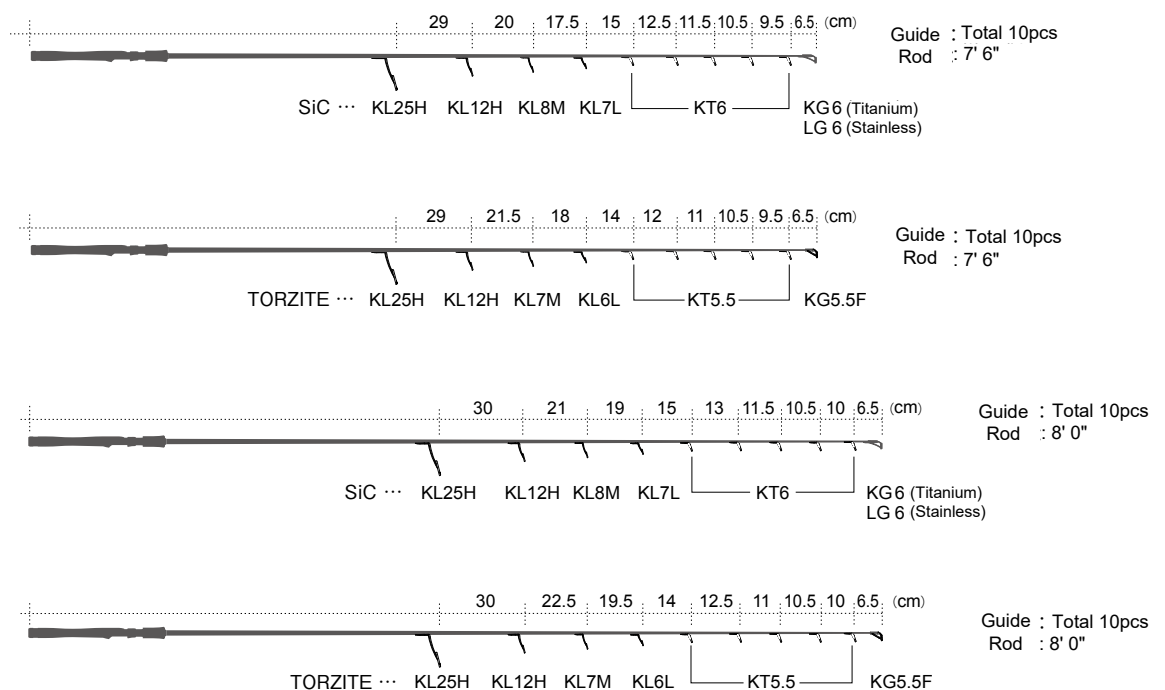
● Braded Line: ~ 2 \*Not appropriate for leader roll up

<for Light class>



● Braded Line: ~ 2 + Leader ~ 25lb \*Compatible with Leader roll up

<for Medium Light class>



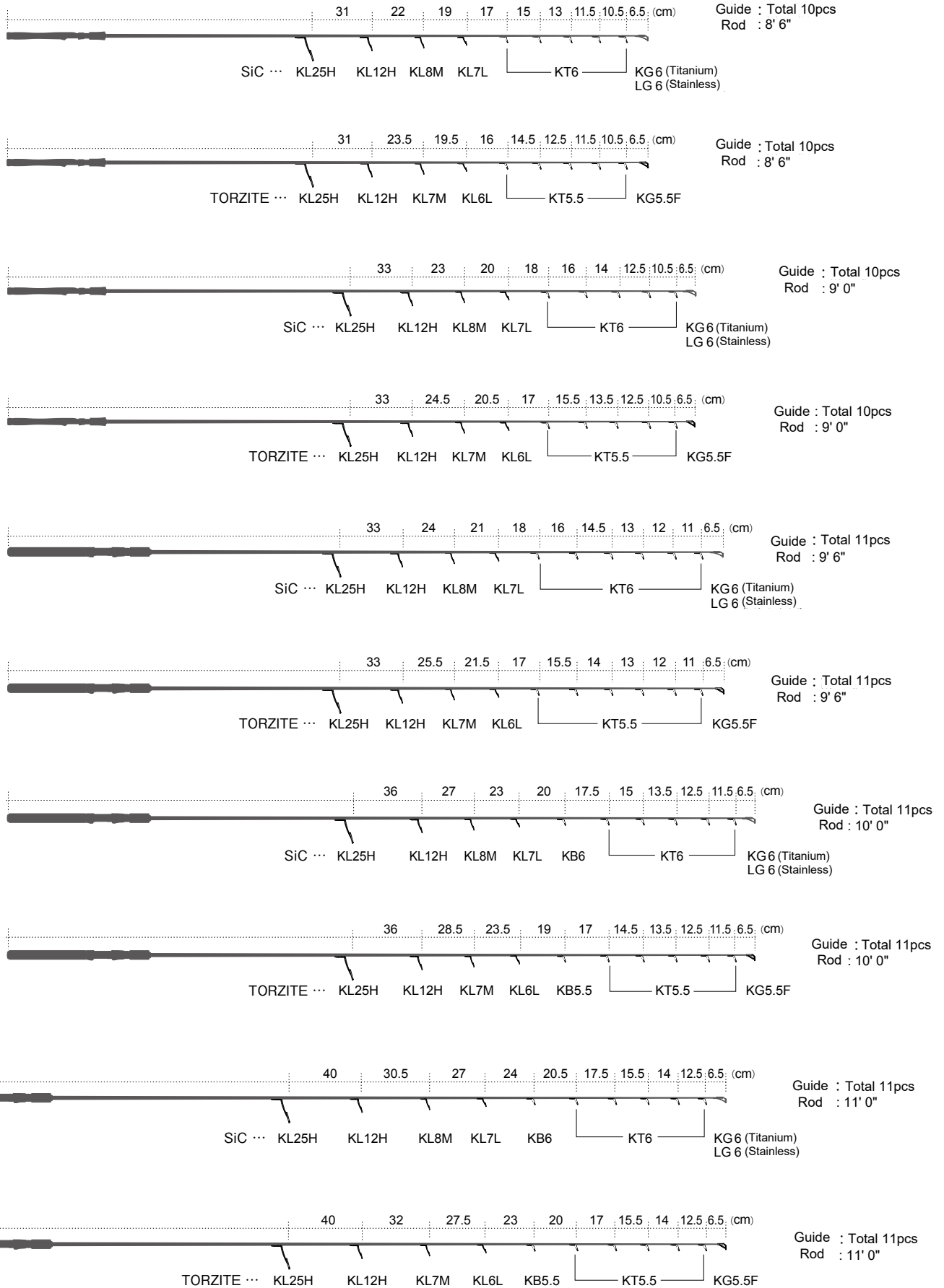
# Seabass Rod (Spinning)



● Braded Line: ~ 2 + Leader ~ 25lb

\*Compatible with Leader roll up (Leader: ~ 12lb)

<for Medium Light class>

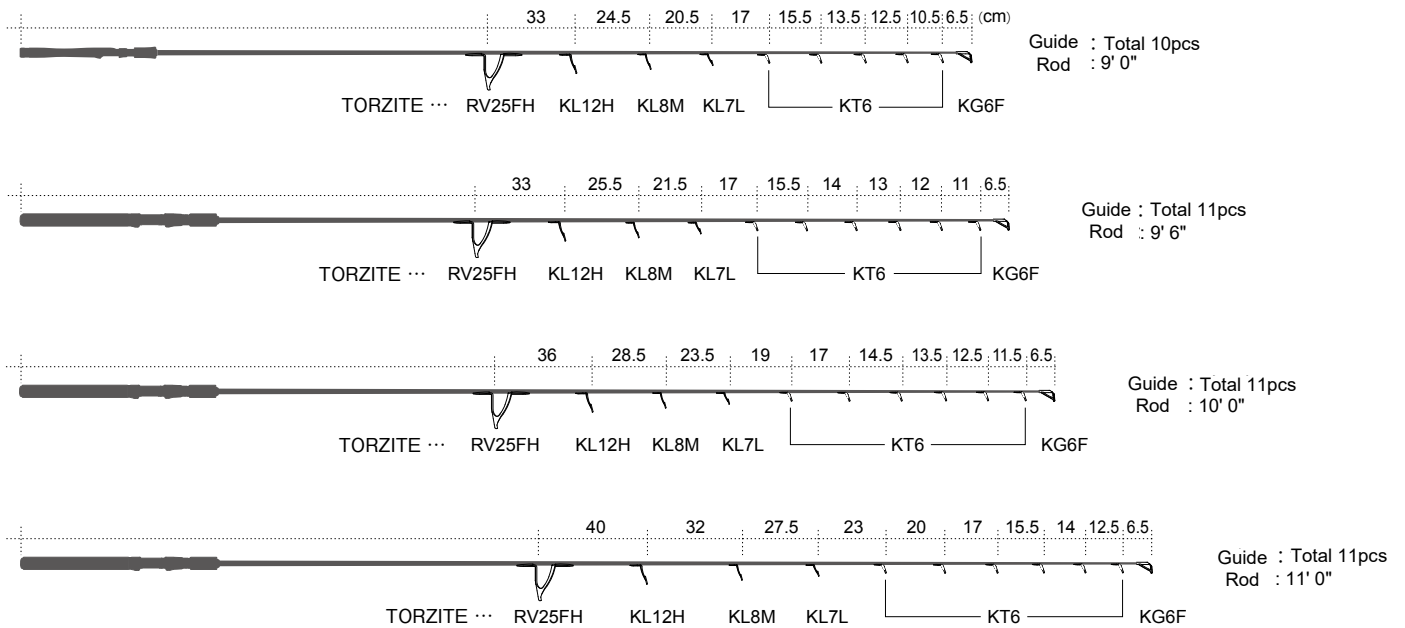


# Seabass Rod (Spinning)



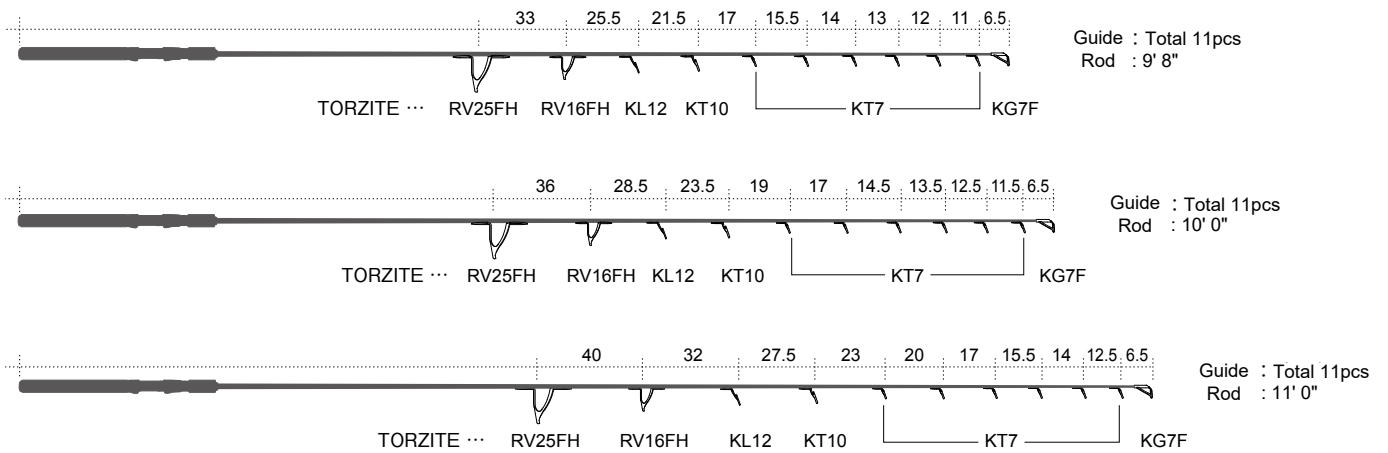
● Braded Line: ~ 2 + Leader ~ 25lb

<for Medium class>



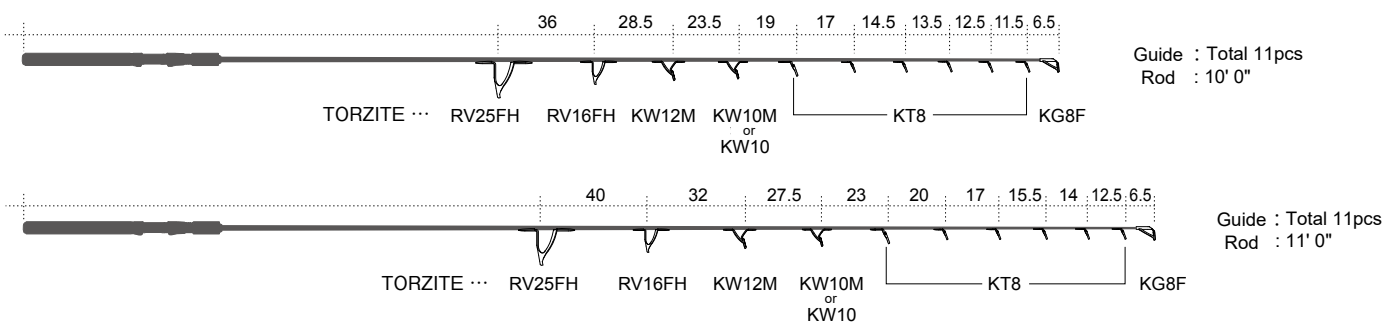
● Braded Line: ~ 2.5 + Leader ~ 30lb

<for Medium Heavy class>



● Braded Line: ~ 3 + Leader ~ 35lb

<for Heavy class>



# Shore Jigging Rod

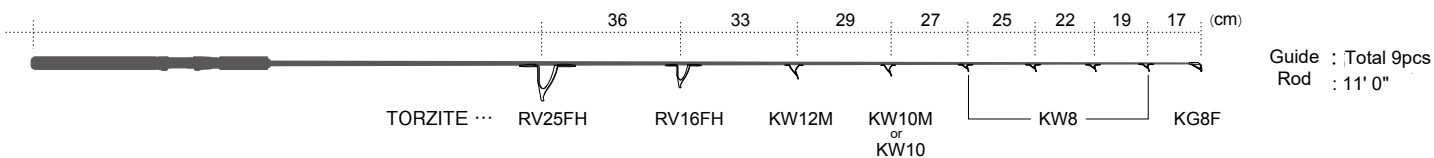
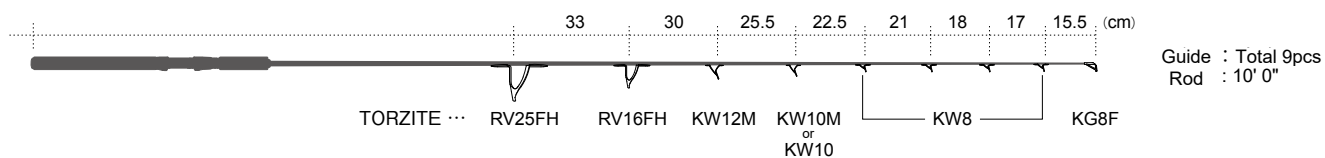
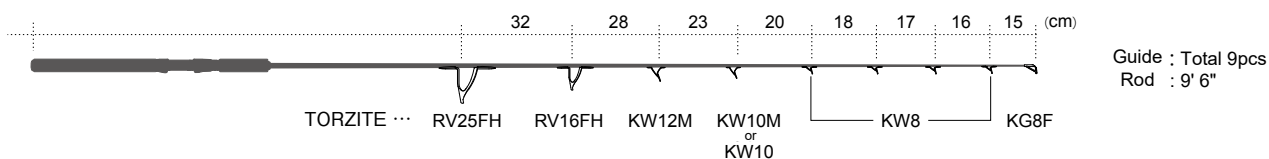
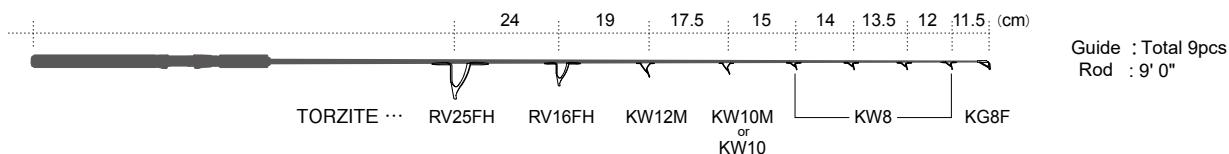


Spinning



● Braded Line: ~ 2.5 + Leader ~ 30lb

<for Medium class>

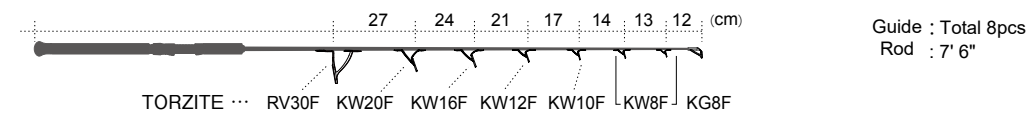
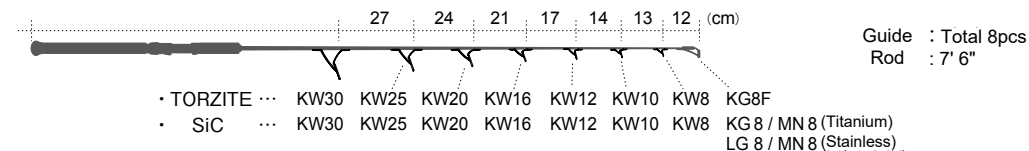
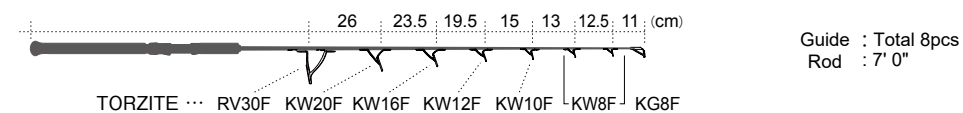
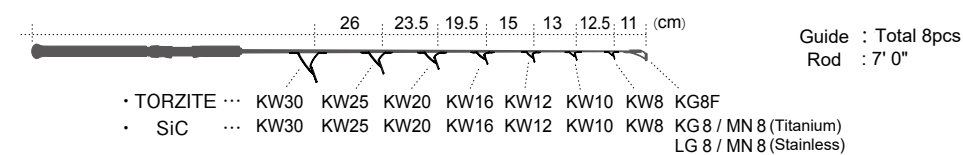
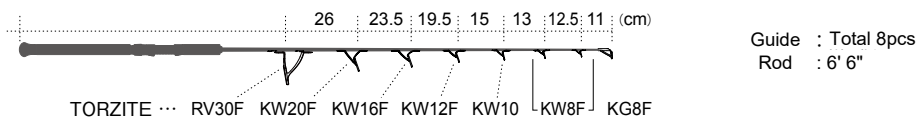
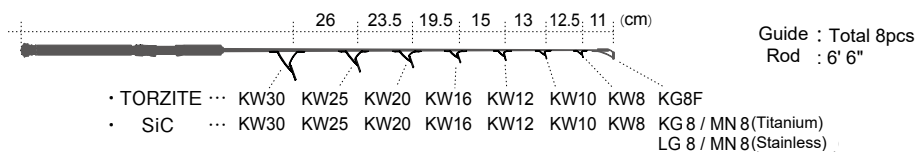


# Offshore Lure Rod

Spinning



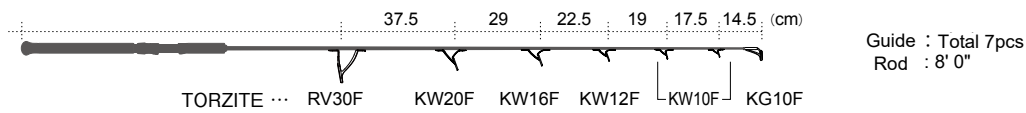
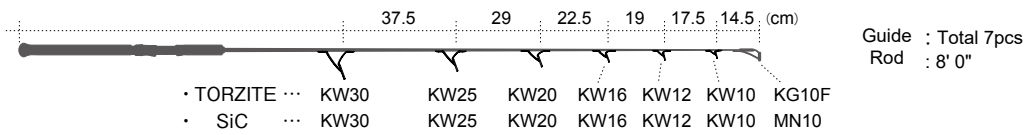
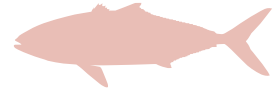
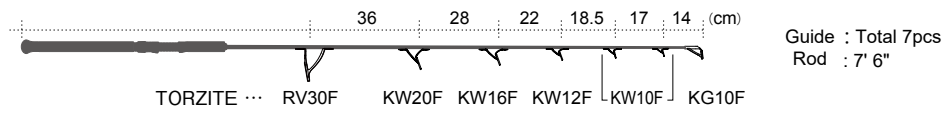
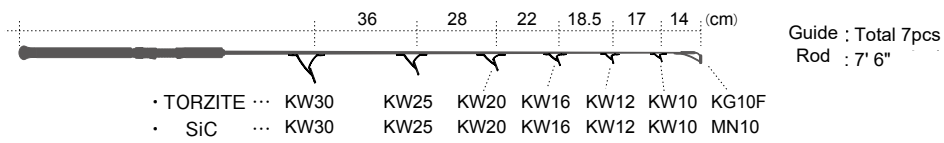
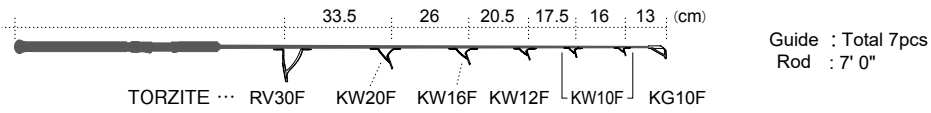
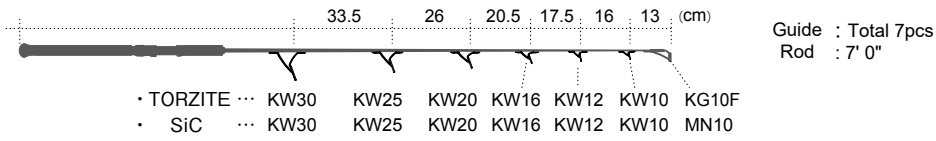
<for Light class>





# Offshore Lure Rod (Spinning)

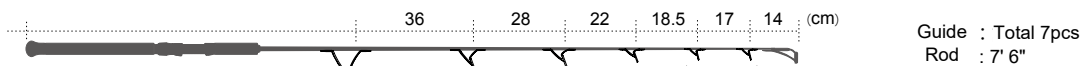
<for Medium class>



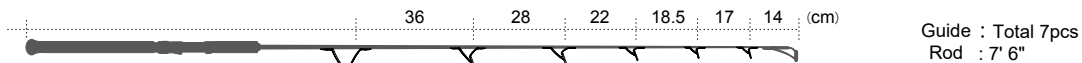
# Offshore Lure Rod (Spinning)



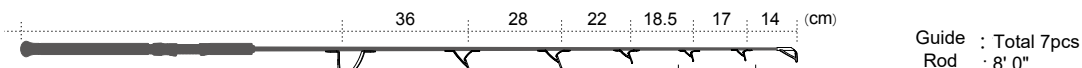
<for Heavy class>



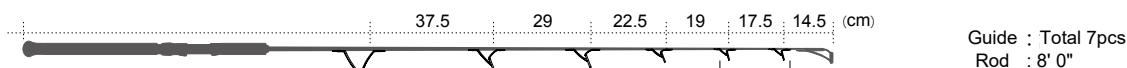
• TORZITE ... KW40    KW25    KW20    KW16    KW12    KG12F / MN12F  
• SiC ... KW40    KW25    KW20    KW16    KW12    MN12



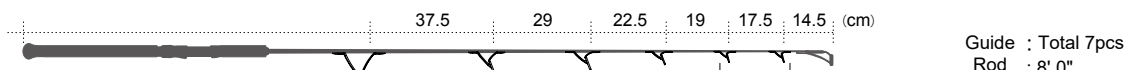
• TORZITE ... KW40    KW25    KW20    KW16    KW16    MN16F  
• SiC ... KW40    KW25    KW20    KW16    KW16    MN16  
          or  
          KW50



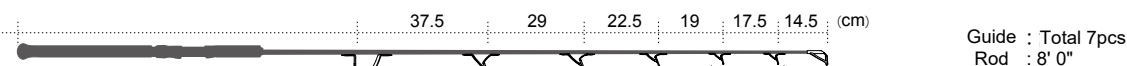
TORZITE ... RV40F    KW25F    KW20F    KW16F    KW12F    KG12F



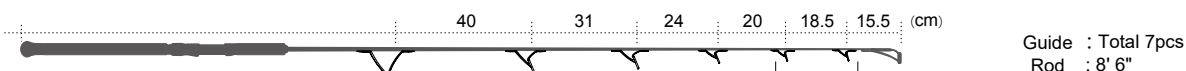
• TORZITE ... KW40    KW25    KW20    KW16    KW12    KG12F / MN12F  
• SiC ... KW40    KW25    KW20    KW16    KW12    MN12



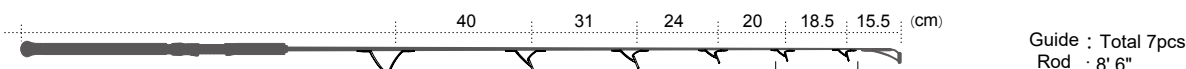
• TORZITE ... KW40    KW25    KW20    KW16    KW16    MN16F  
• SiC ... KW40    KW25    KW20    KW16    KW16    MN16  
          or  
          KW50



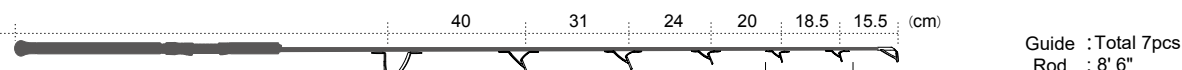
TORZITE ... RV40F    KW25F    KW20F    KW16F    KW12F    KG12F



• TORZITE ... KW40    KW25    KW20    KW16    KW12    KG12F / MN12F  
• SiC ... KW40    KW25    KW20    KW16    KW12    MN12

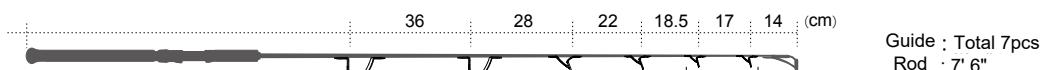


• TORZITE ... KW40    KW25    KW20    KW16    KW16    MN16F  
• SiC ... KW40    KW25    KW20    KW16    KW16    MN16  
          or  
          KW50



TORZITE ... RV40F    KW25F    KW20F    KW16F    KW12F    KG12F

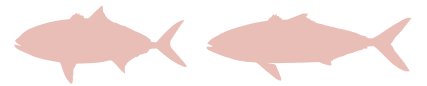
<for Ultra Heavy class>



TORZITE ... RV40F    RV30F    KW25F    KW20F    KW16F    MN16F



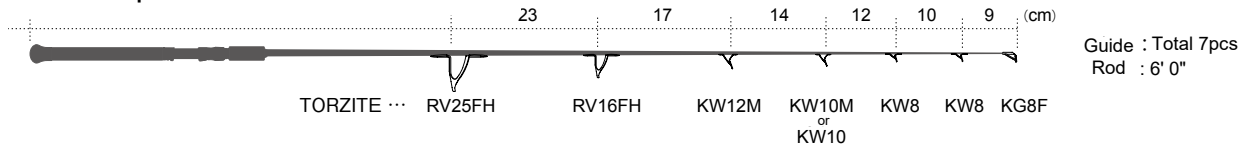
# Offshore Lure Rod (Jiging)



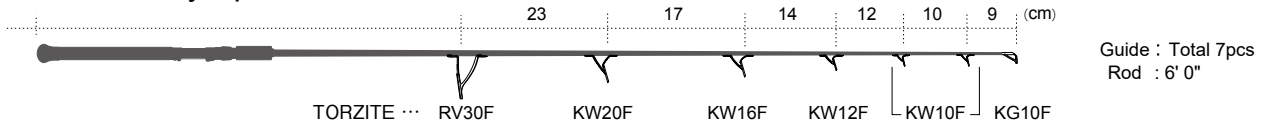
Spinning



<Medium Spec.>



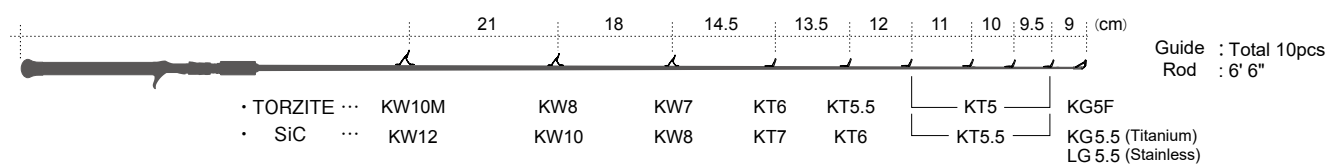
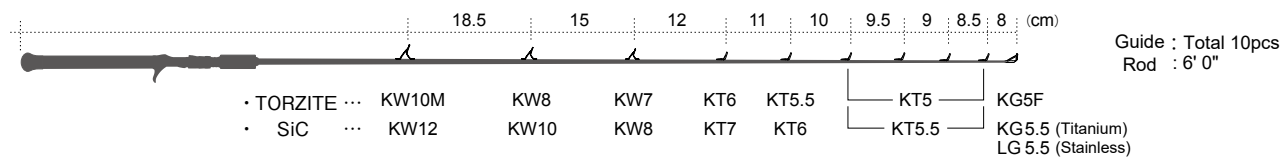
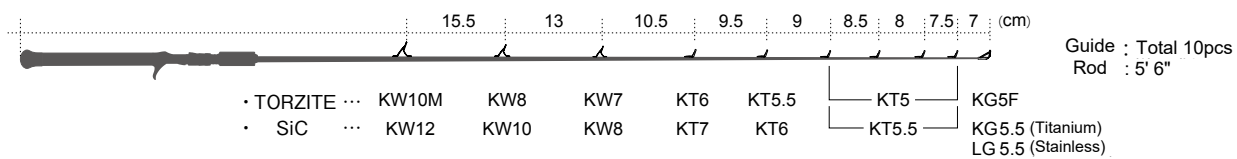
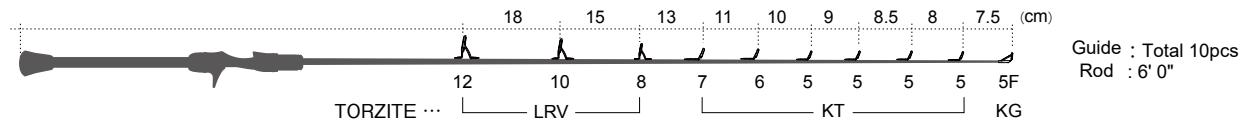
<Medium Heavy Spec.>



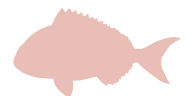
# Offshore Lure Rod (Jiging)



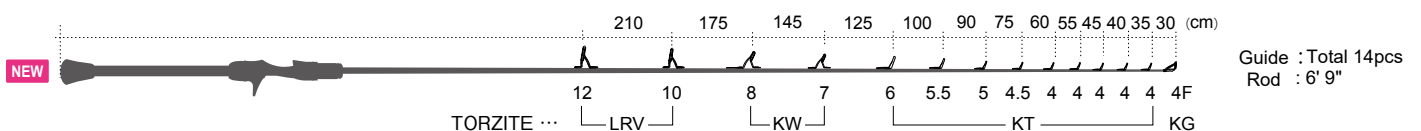
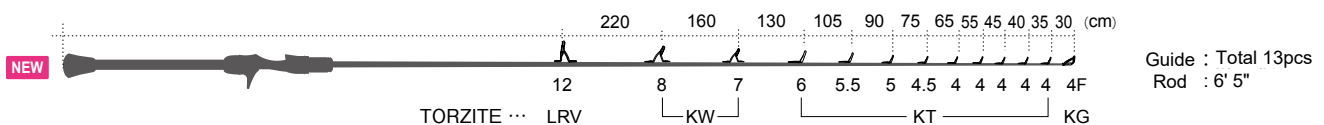
Bait



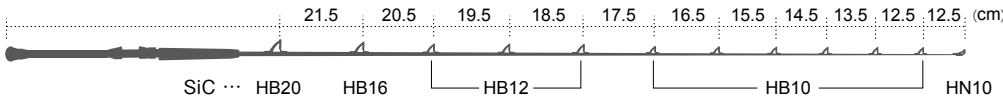
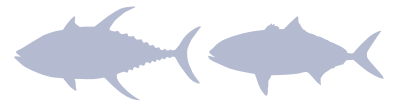
# Offshore Lure Rod (Tairaba)



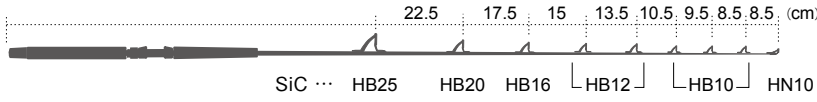
Bait



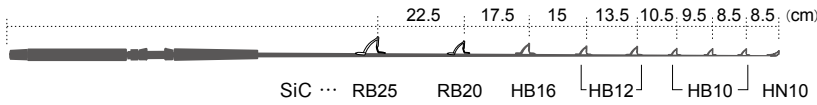
# Boat Rod (with live bait fish)



Guide : Total 12pcs  
Rod : Light / 2.5m

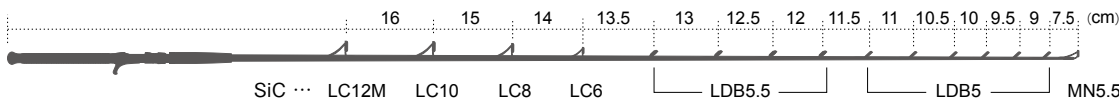
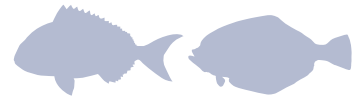


Guide : Total 9pcs  
Rod : Medium / 2.0m

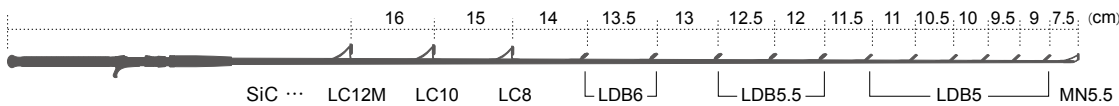


Guide : Total 9pcs  
Rod : Heavy / 2.0m

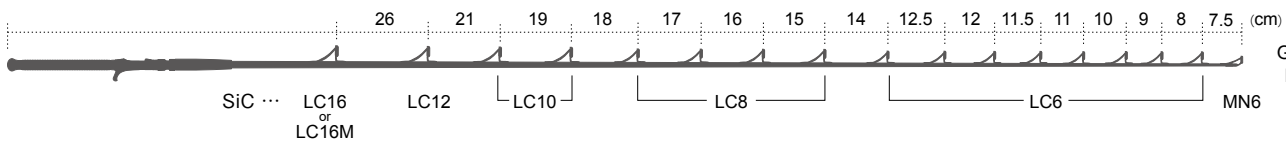
# Boat Rod (Red Snapper, Flounder)



Guide : Total 15pcs  
Rod : Holding on hand / 2.7m

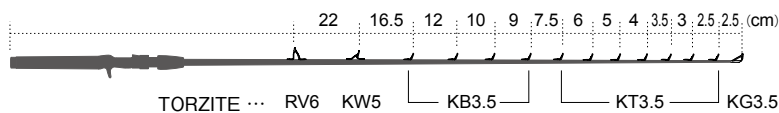


Guide : Total 15pcs  
Rod : Holding on hand / 2.7m

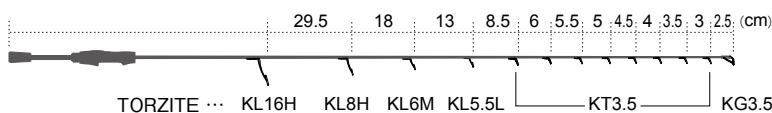


Guide : Total 17pcs  
Rod : Putting on ground / 3.3m

# Boat Rod (Small fish)



Guide : Total 14pcs  
Rod : Filefish Rod / 1.8m

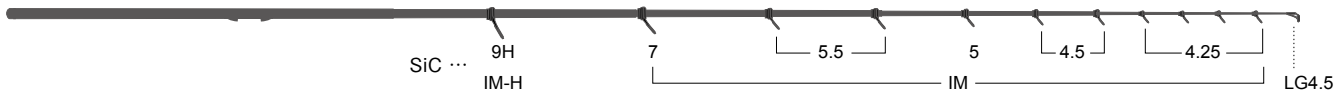


Guide : Total 13pcs  
Rod : Sillago Rod / 1.8m

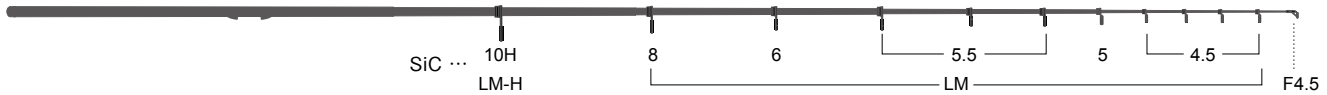
# "ISO" Rod (Black Sea Bream, Girella)



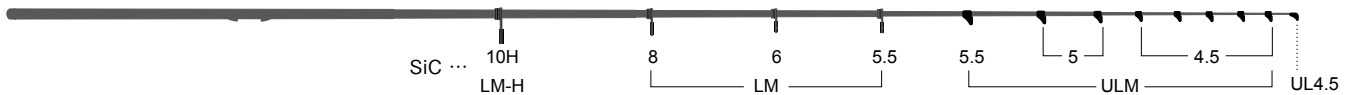
Guide : Total 12pcs  
Rod : Black Sea Bream, Girella / 5.3m (5pcs rod)



Guide : Total 12pcs  
Rod : Black Sea Bream, Girella / 5.3m (5pcs rod)



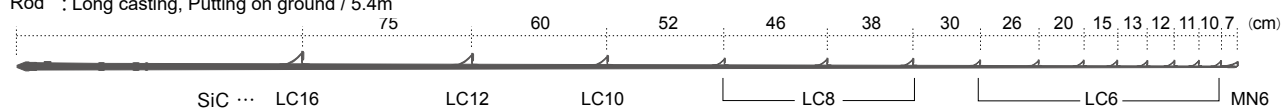
Guide : Total 13pcs  
Rod : Black Sea Bream, Girella / 5.3m (5pcs rod)



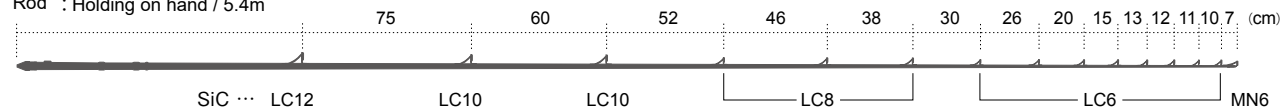
# Parrot Fish Rod



Guide : Total 15pcs  
Rod : Long casting, Putting on ground / 5.4m



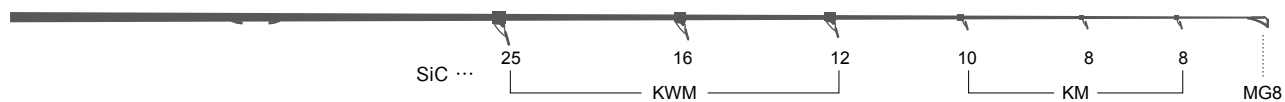
Guide : Total 15pcs  
Rod : Holding on hand / 5.4m



# Telescopic Casting Rod



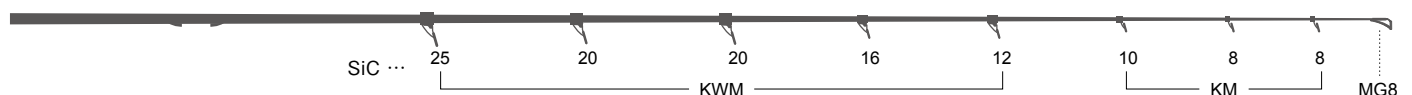
Guide : Total 7pcs



# "ISO" Long Casting Rod



Guide : Total 9pcs  
Rod : Equivalent of Sinker 20-30 / 4.05m



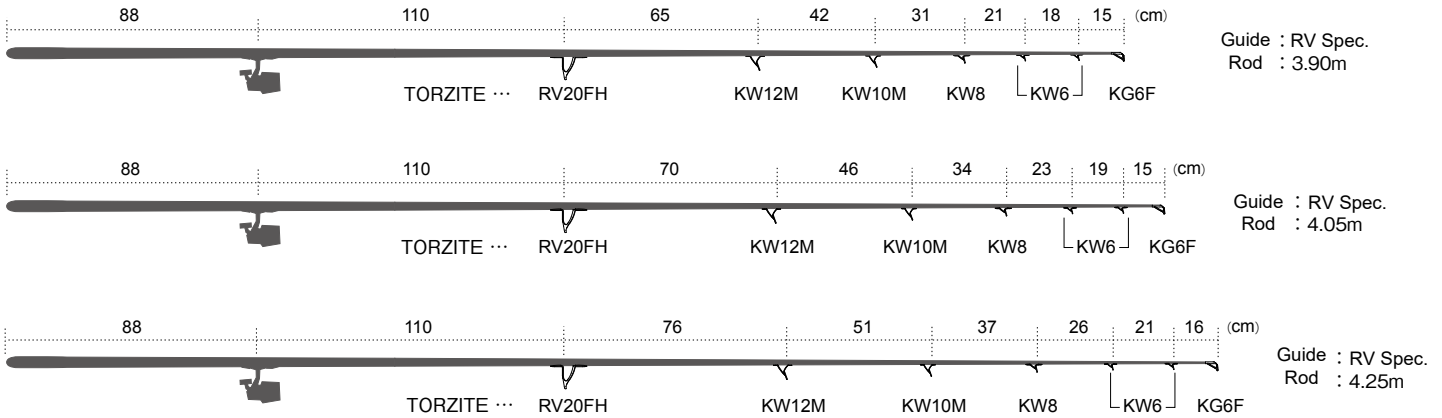
# Casting Rod



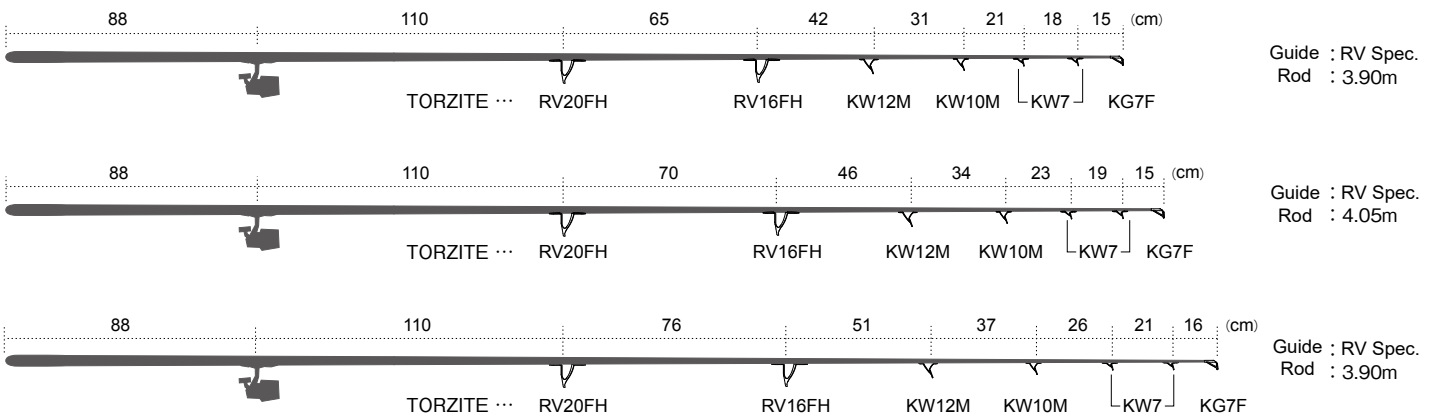
## ● Tournament Spec. (Total 7pcs)



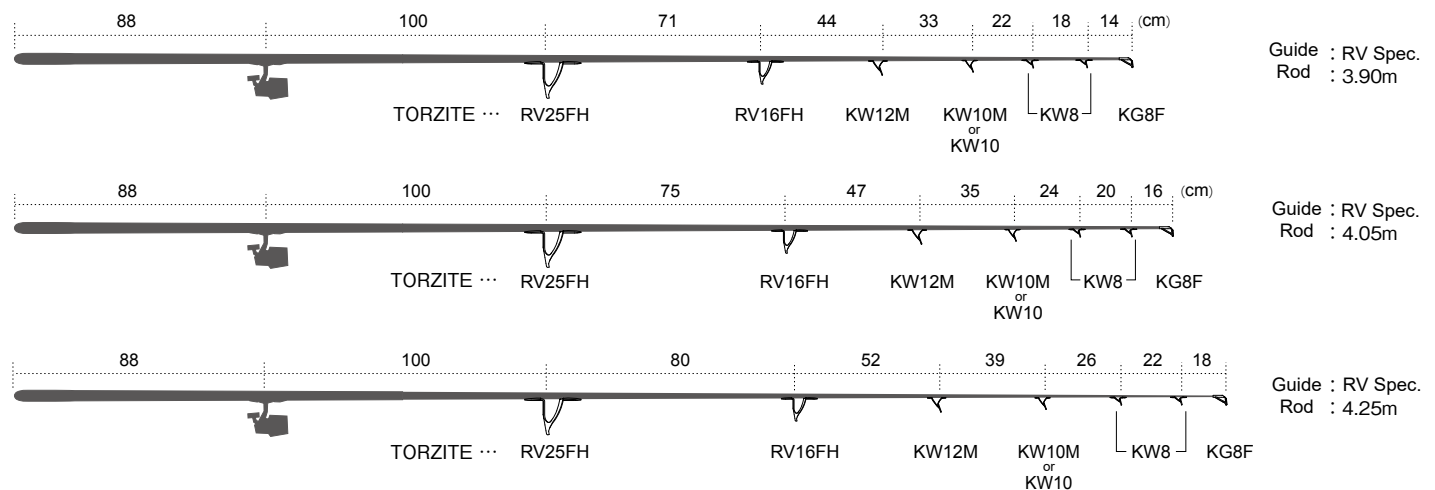
### <Light Spec.>



### <Medium Light Spec.>

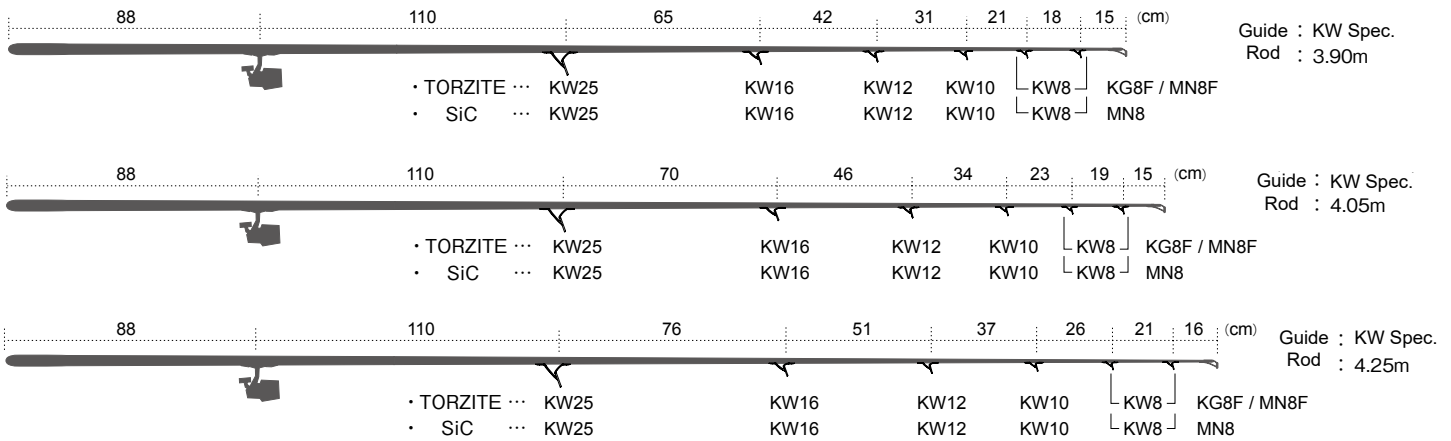


### <Tournament Power Spec.>

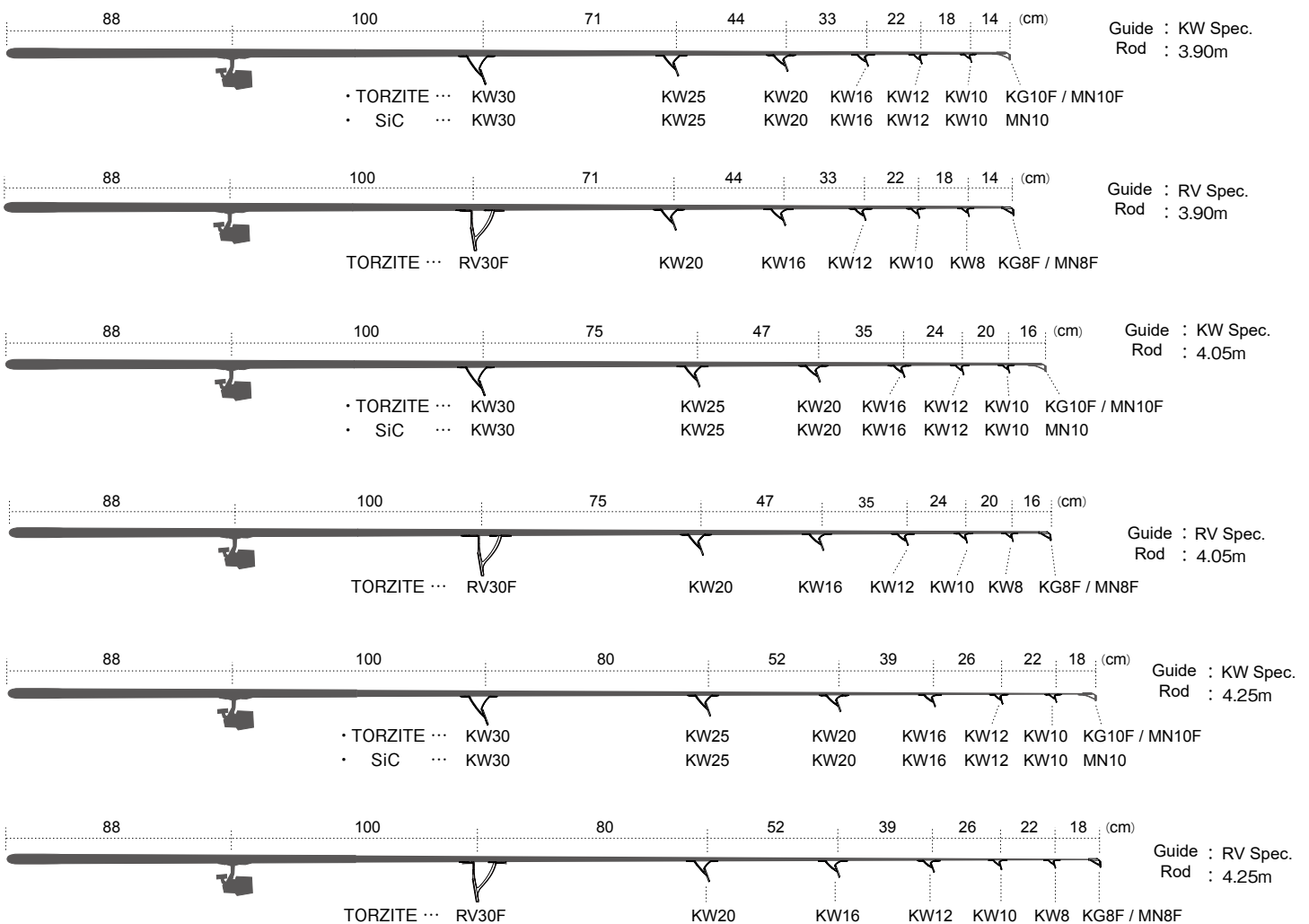




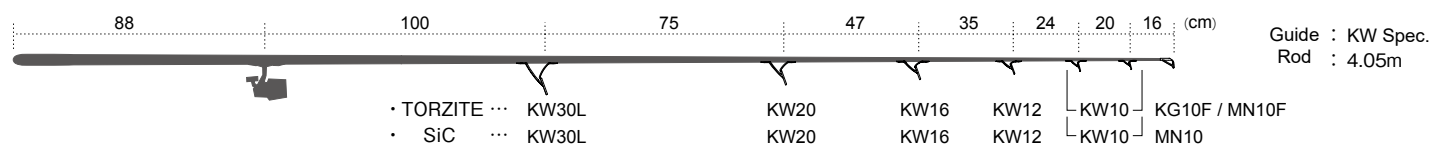
### ● Tournament Spec. (Total 7pcs)



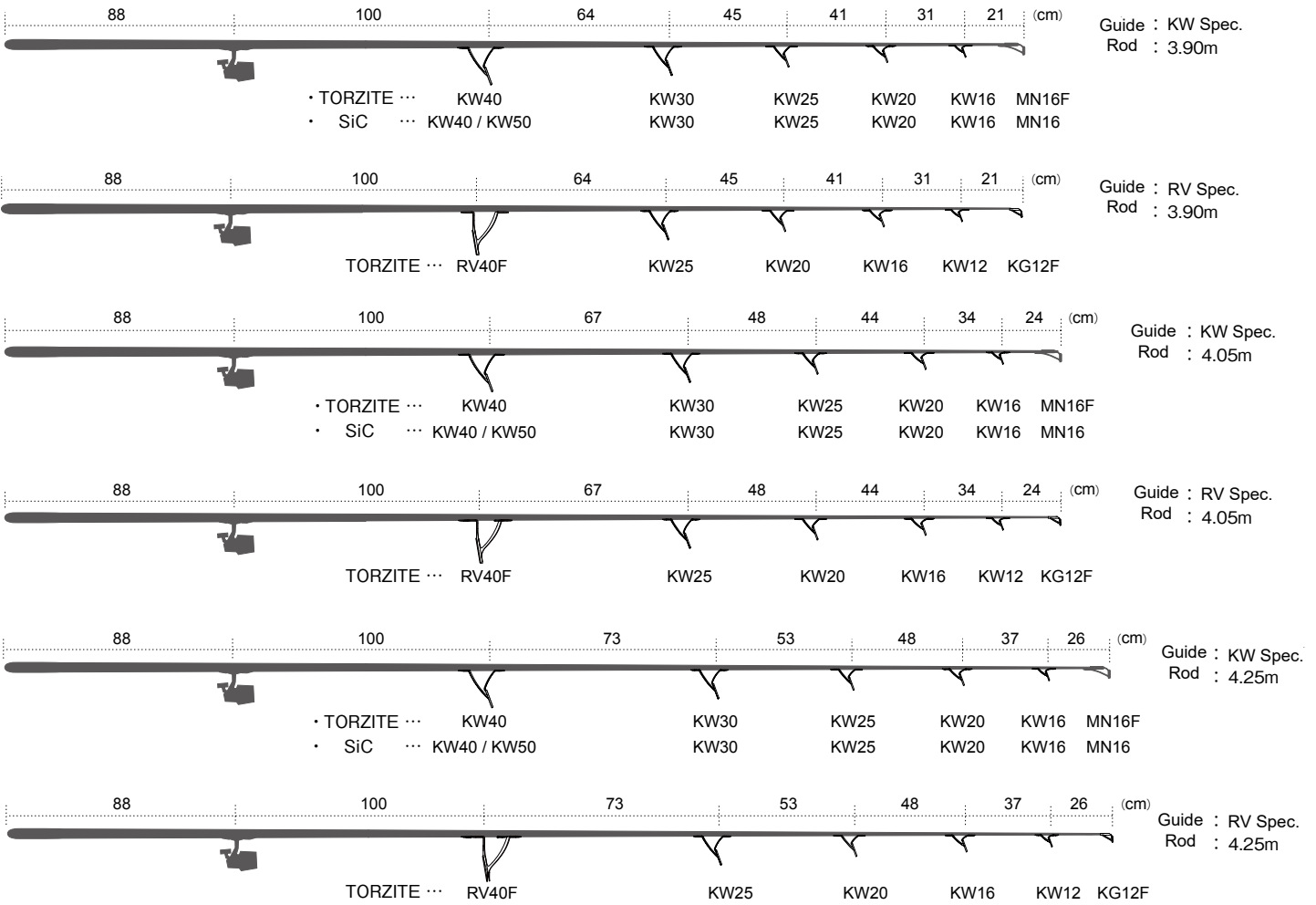
### ● Tournament Power Spec. (Total 7pcs)



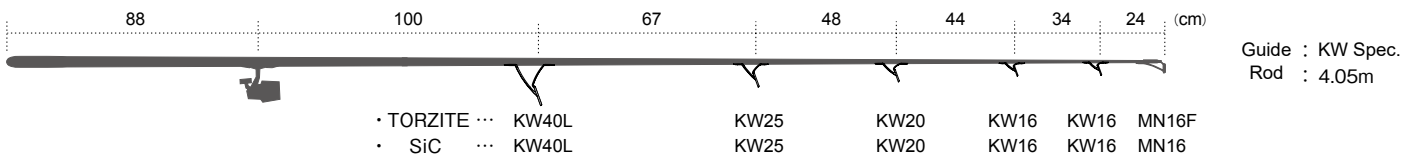
### ● Tournament Power Spec. - Light Version (Total 7pcs)



### ● Sports Casting Spec. (Total 6pcs)

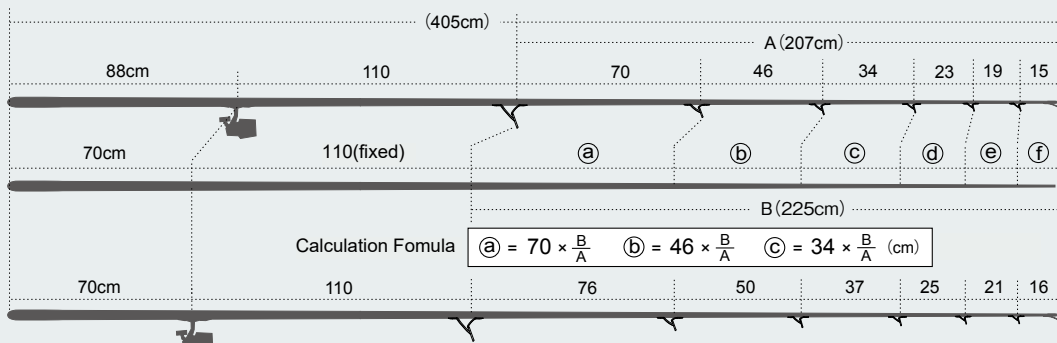


### ● Sports Casting Spec. - Light Version (Total 6pcs)



### Reel Seat and Guide setting on "Tournament Spec." with KW guide

In case of Casting Rod, the setting position of reel seat varies based on the length of arm of angler, physical strength, preferences and so on. At FUJI, we set 110cm from reel foot to butt guide for the purpose of drawing out rod power in Tournament Spec. (7pcs) with KW guide. As for the guide setting, please calculate the position of guide by following formula.



\*Even in case the length between reel foot and butt guide is not 110cm, this calculation formula is applicable.