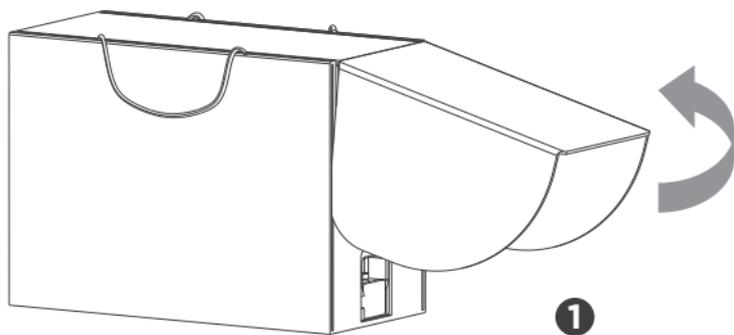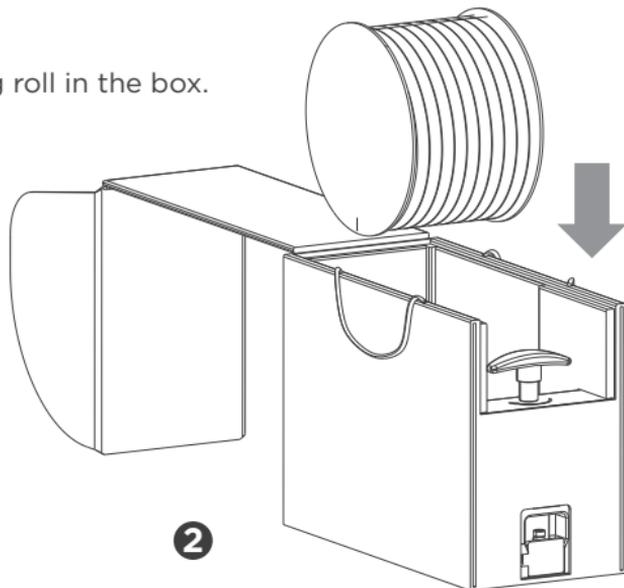# *Castle*™ **PACKING**

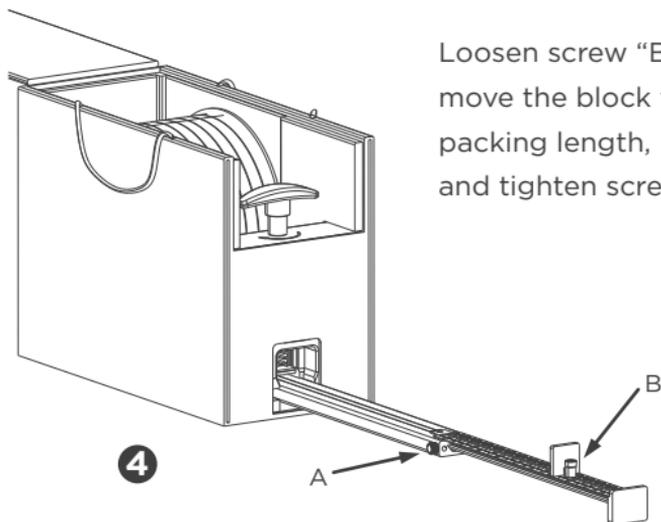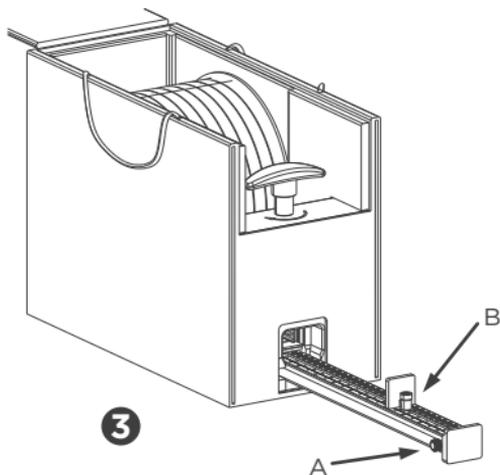# Instruction

Open the front cover, and lift flap.
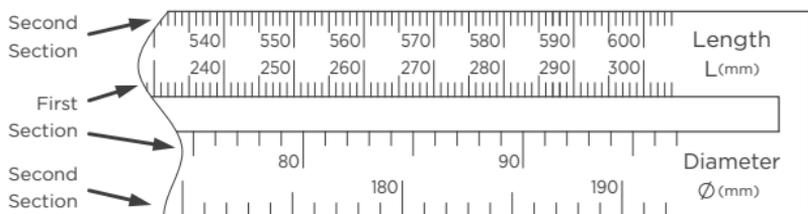
Put the packing roll in the box.

The ruler is two sections.
If the packing length is
less than 300mm (11 7/8"),
pull the first section
to the end.
If the packing length is
longer than 300mm (11 7/8"),
loosen screw "A",
pull the second section
to the end,
and tighten screw "A".

❸

B

A

Loosen screw "B",
move the block for setting the
packing length,
and tighten screw "B".

❹

A

B

540 550 560 570 580 590 600   Length
240 250 260 270 280 290 300   L(mm)

First
Section

80   90   190   Diameter
        180   ∅(mm)

Second
Section

Second
Section

2|1   2|2   2|3   Length
      1|0   1|1   L(inches)

First
Section

3| Diameter
        7| ∅(inches)

Second
Section

By
32nds

❺

The packing length can be calculated according to the
original packing length directly. Simply place cut packing on
ruler and tighten block to length. Or, the packing diameter
value can be calculated as follows :

Packing diameter value = shaft diameter + increment

Packing Size	Increment ∅	Packing Size	Increment ∅
6 mm	9.2 mm	1/4″	12/32″
8 mm	11.8 mm	5/16″	15/32″
10 mm	14.3 mm	3/8″	17/32″
12 mm	16.9 mm	1/2″	22/32″
14 mm	19.4 mm	9/16″	25/32″
16 mm	22.0 mm	5/8″	27/32″
19 mm	25.8 mm	3/4″	1 1/32″
20 mm	27.1 mm	13/16″	1 3/32″
22 mm	29.6 mm	7/8″	1 6/32″

Table 1

※ **Example (Metric)**

Shaft diameter 100mm , Packing size 12mm

Check "**Table 1**" to get the increment is 16.9mm

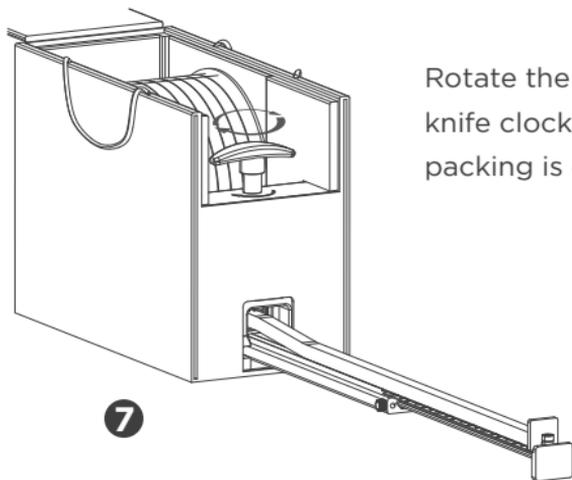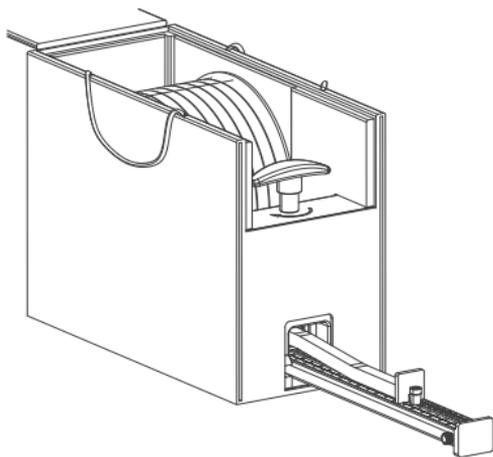Packing diameter value = 100mm + 16.9mm = 116.9mm

※ **Example (Inch)**

Shaft diameter 4″ , Packing size 1/2″

Check "**Table 1**" to get the increment is 22/32″

Packing diameter value = 4″ + 22/32″= 4 22/32″

Pull the packing through the guide hole to the block.
Keep the packing close to the ruler.

6

Rotate the handle of
knife clockwise until the
packing is cut.

7

Packing Style

	Major Fiber Material	Recommended Cuts	Tested Cuts
AIGI 21	Carbon Fiber	450	> 900
AIGI 22	Carbon Fiber & Graphite Fiber	450	> 900
AIGI 23	PTFE Filament & Aramid Fiber	400	> 800
AIGI 24	Carbon Fiber	450	> 900
AIGI 25	Aramid Fiber	350	> 700
AIGI 26	PTFE Fiber & Graphite	600	> 1,200
AIGI 26W	PTFE Fiber (White)	600	> 1,200
AIGI 27	Ramie Fiber	500	> 1,000
AIGI 27W	Ramie Fiber (White)	500	> 1,000
AIGI 28	Graphite Fiber	500	> 1,000
AIGI 95	Phenolic Fiber	350	> 700
AIGI 98	Graphite Fiber	500	> 1,000
AIGI SSP	Carbon Fiber & PTFE	350	> 700

Packing Size

mm	6	8	10	12	14	16	19	20	22
inch	1/4	5/16	3/8	1/2	9/16	5/8	3/4	13/16	7/8

Package Details

4 in 1	AIGI SAFE-CUT™ PACKING × 1 + 5LB (2.2kg) SPOOL × 4
1 in 1	AIGI SAFE-CUT™ PACKING × 1 + 5LB (2.2kg) SPOOL × 1

※ DISCLAIMER

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