

# Chain Elongation Scales

The chain elongation scale allows for quick checks of a chain's pitch elongation limit.

Used to check chain elongation on RS Roller Chains, BS Roller Chains, and Leaf Chains to determine when it is time for the chain to be replaced.

## ■ Ordering

### ● Ordering Example

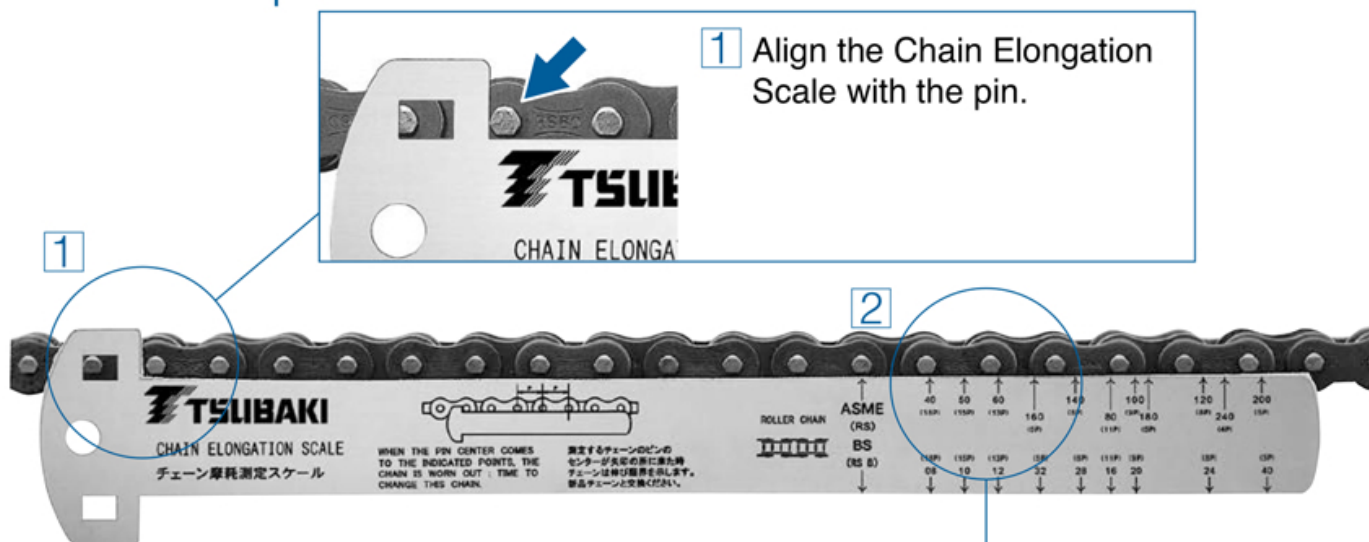
Model number	Qty	Unit
<b>RS-CES</b>	<b>1</b>	<b>C</b>

Note: 10 items per case

## ■ Applicable chain sizes

RS Roller Chains: RS40 to RS240  
 BS Roller Chains: RS08B to RS32B  
 Leaf Chains (AL/BL): #400 to #1600

## ■ Measurement procedure

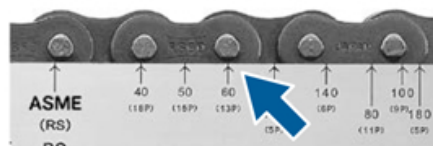


**2** Check where along the scale the pin is positioned (pitch indicated in parentheses).

Scale positioning on a new product



Wear elongation limit



If the point or the scale is past the center of the pin, the chain has reached its elongation limit and should be replaced.

## ⚠ Safety Precautions

- Depending on the attachment and chain size, there may be interference with the Elongation Scale for specialty attachment chains or K2 attachment chains (catalog item).
- Check chain elongation at the location on the chain where the sprocket teeth engage the most.
- Check chain elongation at a location on the chain where tensile force is applied.
- Do not use the scale for any purpose other than measuring chain elongation.
- Always turn off the power switch to the equipment and confirm that it has come to a complete stop before checking chain elongation. In addition, make sure that the switch cannot be turned on accidentally.