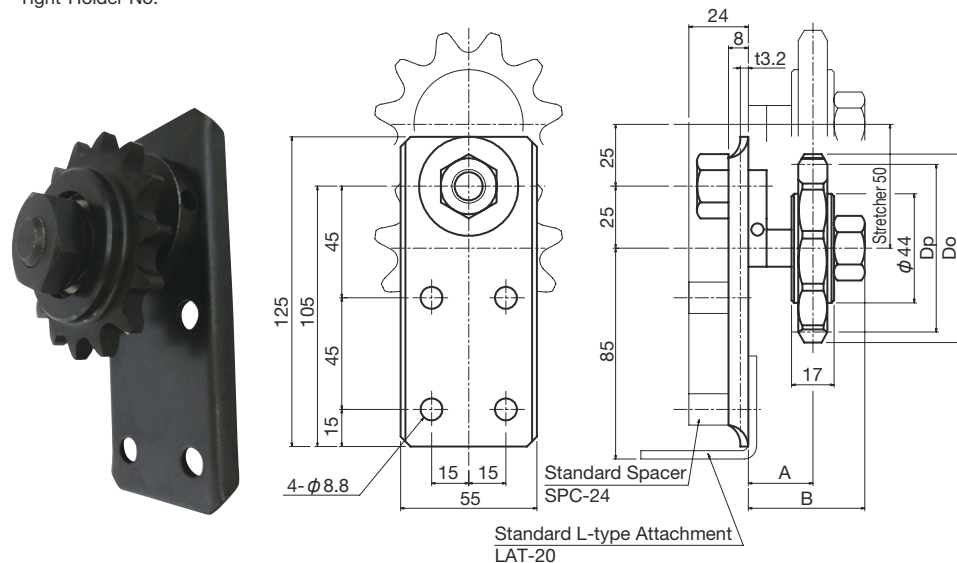


Tight-Holder THB Series

Order Product Code THB35

Tight-Holder No.



Use of an eccentric pin on this chain tensioner enables severe adjustments to be performed with ease. We recommend use of Tight-Holder to increase chain transmission efficiency and maintain the service life of the chain.

THB (w/ Standard Idler Sprocket)

Tight-Holder No.	Applicable Roller Chains	Idler Sprockets		A	B	Weight (kg)
		Do	Dp			
THB 35	JIS35	60	54.85	26	47	0.56
THB 40	JIS40	67	61.08	26	47	0.59
THB 50	JIS50	74	66.34	26	47	0.63
THB 60	JIS60	76	67.62	26	47	0.67
THB 80	JIS80	85	74.26	30	51	0.78

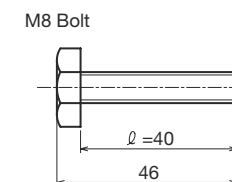
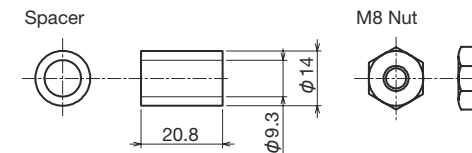
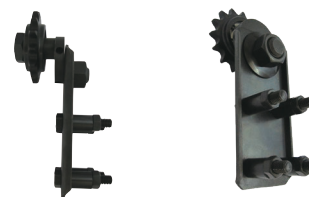


* The allowable load of the L-type attachment is used for the Idler Sprocket. This is max. 40 kg. with a vertical load.

Spacer SPC-24 Set Product

Order Product Code THB35SPC

w/ Spacer No.



Spacer Only

Order Product Code SPC-24

Spacer No.

Spacer No.
SPC-24



Tight-Holder w/ Spacer

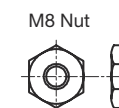
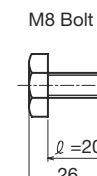
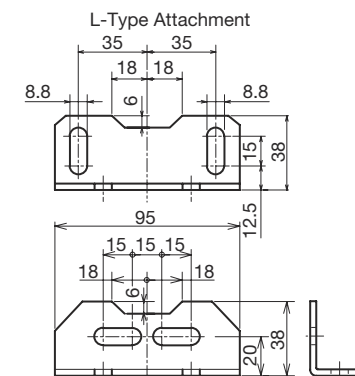
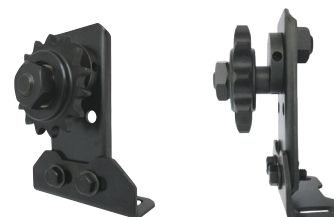
Tight-Holder w/ Spacer No.

THB 35 SPC
THB 40 SPC
THB 50 SPC
THB 60 SPC
THB 80 SPC

L-Type Attachment LAT-20 Set Product

Order Product Code THB35LAT

w/ L-Type Attachment No.



L-Type Attachment Only

Order Product Code LAT-20

L-Type Attachment No.

L-Type Attachment No.
LAT-20



Tight-Holder w/ L-Type Attachment

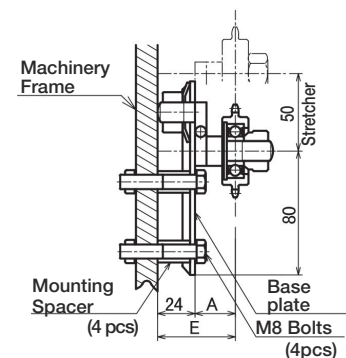
Tight-Holder L-Type with Attachment No.

THB 35 LAT
THB 40 LAT
THB 50 LAT
THB 60 LAT
THB 80 LAT

Tight-Holder THB Series

Mounting Method

Tight-Holder w/ Spacer (SPC Type) Mounting Method

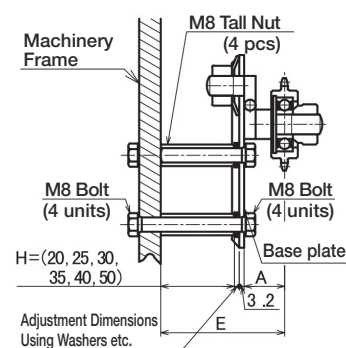


Dimension Table mm

Model Number	Dimensions	E	A
THB35~60SPC		50	26
THB80SPC		54	30

The dimension E above cannot be smaller than the listed size.
(The pin fixing nut interferes with the mounting surface.)
If dimension E is made larger than the listed size, insert a spacer washer between the mounting spacer and base plate.
Dimension E must match the chain running center, so select the washer thickness carefully.

Mounting Method When Using a Tall Nut (Commercial Product)



Dimension Table mm

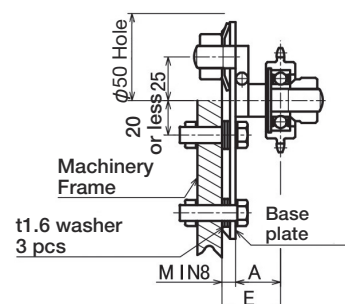
Model Number	Dimensions	E	A
THB35~60		Approx. 50 to 80 Adjustable with Tall Nut and Washer	26
THB80			30

* Tall nut: As the washers can be purchased commercially, find them at a hardware store.

Mounting method if dimension E is to be shortened

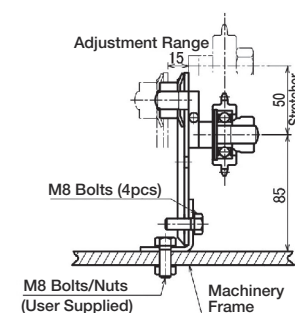
Model Number	Dimensions	E	A
THB35~60		MIN.34	26
THB80		MIN.38	30

Choose a position in which the pin fixing nut does not collide with the gantry of the machine/device, or make a hole of $\phi 50$ to prevent the pin fixing nut from interfering with the gantry.



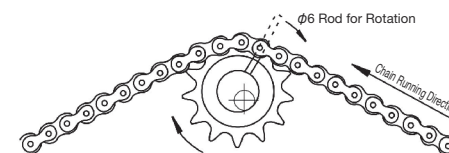
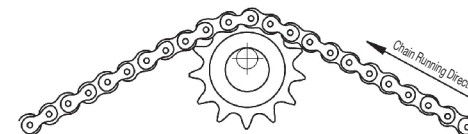
Mounting Method

Mounting Method Using Tight-Holder w/ L-Type Attachment (LAT Type)



* The allowable load of the L-type attachment is used for the Idler Sprocket. This is max. 40 kgf with a vertical load.

Tension Adjustment Method



Match the center of the chain and sprocket well.

If you rotate the eccentric pin with a $\phi 6$ rod in its outer circumference hole, a tension margin of up to 50mm can be obtained. Fix the eccentric pin fixing nut sufficiently in the running direction of the chain by fixing the base plate so that the idler engages with the chain in a position where the tension allowance can be as large as possible (Fig. 1).

Tight-Holder Mounting Position

Install the Tight-Holder in a loosening side position as shown be

Precautions for Use

*Do not use under in conditions where the Tight-Holder is on the chain tension side etc. such as when using both forward and reverse rotation drive.

