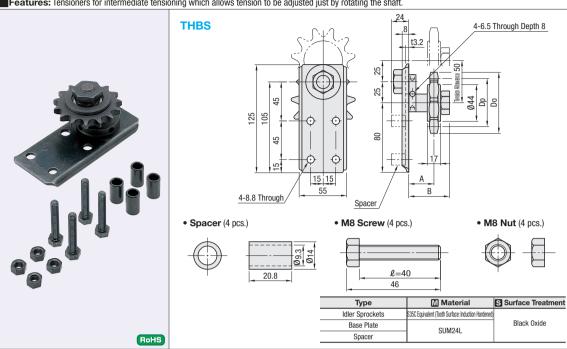
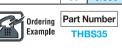
Chain Tensioners

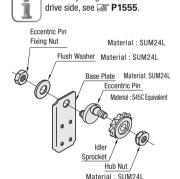
Idler Set Type

Features: Tensioners for intermediate tensioning which allows tension to be adjusted just by rotating the shaft.



Ī	Part Number		Applicable Roller	Idler Sprockets				Α	В	Mass	Unit Price
	Туре	No.	Chain	Part No.	Number of Teeth	Do	Dp	A	В	(kg)	Unit Price
	THBS	35	JIS35	DRC35-18	18	60	54.85	26	47	0.89	
		40	JIS40	DRC40-15	15	67	61.08			0.92	
		50	JIS50	DRC50-13	13	74	66.34			0.96	
		60	JIS60	DRC60-11	11	76	67.62			1.00	
		80	JIS80	DRC80-9	9	85	74.26	30	51	1.11	

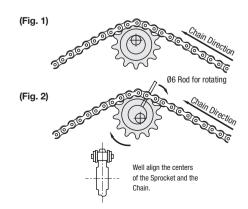




When adjusting tension at the non-

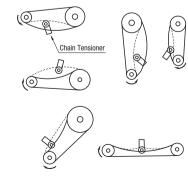
Tension Adjustment Method

By inserting a Ø6 rod in a hole of the eccentric pin and rotating, tension adjustment of max. 50mm can be obtained. Fix base plate so that idler and chain engage each other at a position of max. tension tolerance (Fig. 1), and tighten the eccentric pin nut in chain driving direction.



Chain Tensioner Position

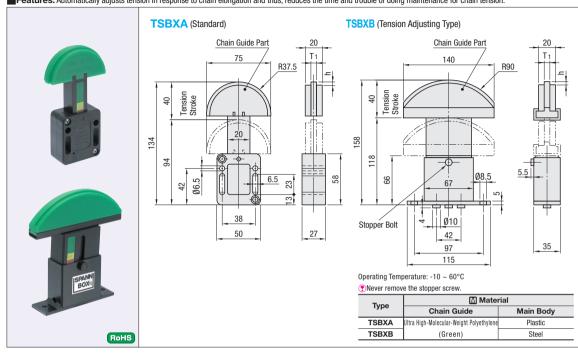
Install a chain tensioner on the loose side as shown in the figure below.



Do not use the Chain Tensioner under the conditions where it is located on the side of adjusting tensions, such as forward reverse rotary drive.

Chain Guide Tensioners

Features: Automatically adjusts tension in response to chain elongation and thus, reduces the time and trouble of doing maintenance for chain tension.



Part Number						Unit Price
Туре	No.	Load Type (Refer to Fig. 1)	T1	h	Applicable Chain	
	35	L	4	2.6	CHE35	
TORVA	35	H				
TSBXA (Standard)	40	L	7	2.6	CHE40/CHE50	
(Stanuaru)	40	H				
	60	H	11	3.5	CHE60	
	40	L	6.3	2.6	CHE40	
TSBXB	40	H	0.3	2.0		
(Tension Adjusting Type)	50	L	8	2.6	CHE50	
	50	Н	٥	2.0		



Features

Ultra High-Molecular-Weight Polyethylene with excellent abrasion resistance is used for the guide part of the Chain Guide Tensioner. Force of built-in spring constantly maintains appropriate tension automatically. and enhances the performance and extends life without maintenance

Table 1 : Load Type

TSBXB

Install by putting the guide onto the chain, firmly push until reaching a location where the tension stroke does not exceed 50% of that during empty load (40mm). If necessary, adjust location by using shims or spacers

■Tension Adjusting Method (TSBXB)

For TSBXB, it is possible to adjust tension load in 3 stages by loosening the spring retention screw. During shipment, all 3 pieces of springs are not released. Loosen the center screw when required to release only one maintaining screw, loosen screws on both sides when 2 springs need to be released. Provide enough free space below the retention screw to allow access for tension adjustments after

The springs can be returned to retained state by turning the retention screws while pressing the guide

Tension Load (N) osening Retaining Load Type L Load Type H

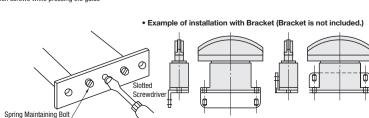
37 64 64 137

64 137

 * There is no spring retention screw in TSBXA.

Screw Qty.

TSBXA (Not provided)



Example

Tension Side

Idler Sprocket

Chain Guide GDTC

Install it at the loose side of chain.

Sprocket

Loose Side

(Driving Side)

1 -1557