

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.

RoHS 10

TSBXA (Standard)

TSBxB (Tension Adjusting Type)

Operating Temperature: -10 ~ 60°C
 ⚠ Never remove the stopper screw.

Type	Material	
	Chain Guide	Main Body
TSBXA	Ultra High-Molecular-Weight Polyethylene	Plastic
TSBxB	(Green)	Steel

Part Number			T ₁	h	Applicable Chain	Unit Price
Type	No.	Load Type (Refer to Fig. 1)				
TSBXA (Standard)	35	L	4	2.6	CHE35	
	35	H				
	40	L	7	2.6	CHE40/CHE50	
	40	H				
	60	H	11	3.5	CHE60	
TSBxB (Tension Adjusting Type)	40	L	6.3	2.6	CHE40	
	40	H				
	50	L	8	2.6	CHE50	
	50	H				

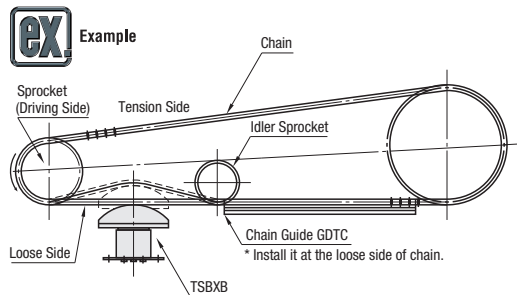
Ordering Example **Part Number**
TSBXA40H
TSBxB50L

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.

How to Install
 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 installation.
 The springs can be returned to retained state by turning the retention screws while pressing the guide down.

* There is no spring retention screw in TSBXA.



• Example of installation with Bracket (Bracket is not included.)

Table 1 : Load Type

Type	Loosening Retaining Screw Qty.	Tension Load (N)			
		Load Type L min.	Load Type L max.	Load Type H min.	Load Type H max.
TSBXA	(Not provided)	37	64	64	137
	1 pc.	37	64	64	137
TSBxB	2 pcs.	75	127	127	274
	3 pcs.	112	191	191	412

