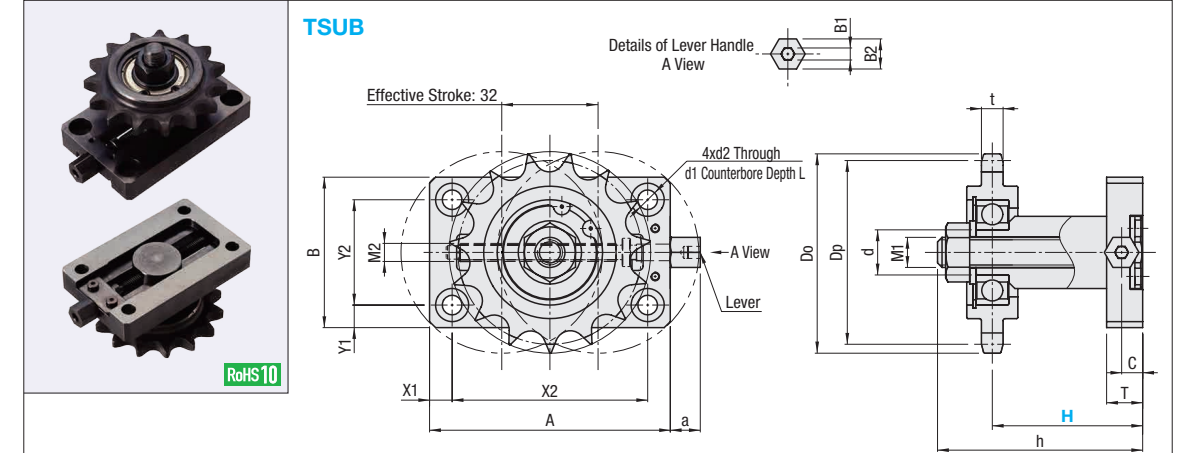




# Tensioner Units with Idler Height Configurable

■ **Features:** The following bidirectional tension adjustment is available: "Push" direction and "Pull" direction. This unit and idler are assembled in a set before delivery.



Part Name	Material	Surface Treatment
Base Block	1018 Carbon Steel	Black Oxide
Idler Shaft	1045 Carbon Steel	
Adjustment Screw		
Nut		
Washer		
Idler Sprocket	1035 Carbon Steel Equivalent (Induction Hardened Teeth Tip)	

- Ⓢ **One Point**  
By using the adjustment screw coupled to the idler shaft machined with the tapped hole, tension can be adjusted bidirectionally: "Push" and "Pull."
- Ⓢ Since the adjustment screw is structured with the dual support frame, it prevents the idler shaft from being skewed and facilitates tension adjustment.

Part Number	Number of Teeth	H 1mm Increment	h (Max.)	M1	M2	Travel per Handle Rotation (mm)	d	A	B	T	X1	X2	Y1	Y2	a	d1	d2	L	C	B1	B2	Unit Price															
TSUB	35	16	25~45	59.2	8	1.0	12	80	50	12	7.5	65	7.5	35	10.5	11	6.5	6.5	7	4	10																
		18		63.2	10		15																														
		13		64.2	8		12																														
	40	15	30~50	68.2	10		1.25															15	90	60	12	70	45	15.5	14	8.5	8.5	8	5	13			
		19		74.2	14																	20															
		13		73.2	10																	15															
	50	15	35~55	76.2	12	1.25		17	90	60	16	10	70	10	40	15.5	14	8.5	8.5	8	5	13															
		17		79.2	14			20																													
		11		78.2	10			15																													
	60	11	40~60	84.2	14		1.25	20															90	60	16	10	70	10	40	15.5	14	8.5	8.5	8	5	13	
		14		84.2	14			20																													

### Idler Specifications

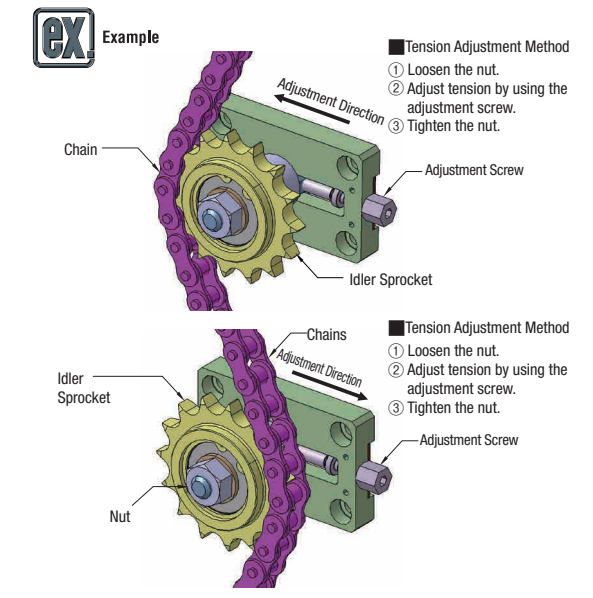
No.	Number of Teeth	Shaft Dia.	Dp	Do	t	Bearing Part No.
35	16	12	48.82	54	4.3	6001ZZ
	18	15	54.85	60	4.3	6202ZZ
40	13	12	53.07	59	7.2	6001ZZ
	15	15	61.08	67	7.2	6202ZZ
50	19	20	77.16	84	8.7	6204ZZ
	13	15	66.34	74	8.7	6202ZZ
60	15	17	76.35	84	8.7	6203ZZ
	17	20	86.39	94	11.7	6204ZZ
60	11	15	67.62	76	11.7	6202ZZ
	14	20	85.61	95	11.7	6204ZZ

Ⓢ For details, see P.1550 on this catalog.

Ordering Example: Part Number - Number of Teeth - H  
**TSUB35 - 16 - 40**

Days to Ship [Configure Online](#)

Price [Configure Online](#)



- **Tension Adjustment Method**
- ① Loosen the nut.
- ② Adjust tension by using the adjustment screw.
- ③ Tighten the nut.