



Drive Tighteners and Shafts

DRIVE TIGHTENERS

Provide controlled tensioning in drives to eliminate shock loading through excessive chain vibration and horsepower loss through belt slippage.

TIGHTENER SHAFTS

Hardened and ground for maximum life. Use with idlers and drive tighteners. Include set collar and grease fitting.



6AGK9



6AGL5



6AGL9

Description	Tightener Shaft Req.	Use With V-Belt Idler Pulley	Use With Idler Sprocket	Use With Flat Face Idler	Use with Timing Belt Pulley Idler	Mfr. Model	Item No.	Overall Length	Shaft Dia.	Shaft Length	Mfr. Model	Item No.
Drive Tighteners								Tightener Shafts				
Adjusting Tightener	Included	6AGP4, 6AGP5	6AGN4	6AGP0	—	ATN1	6AGK9	2 3/16 in	1/2 in	1 1/2 in	N1	6AGL5
Single Adjusting Tightener	6AGL6	6AGP8	6AGN5 to 6AGN8	6AGP2, 6AGP3	6AGN9, 6AGP1	ATQ	6AGL0	3 3/8 in	1 in	2 1/8 in	N2	6AGL6



2ZRT1



2ZRT2



Glass-Reinforced Nylon Idler Pulleys

- 17mm bore dia.

Excellent for washdown applications and corrosive environments. ABEC-1 6203-2RS bearings.

Belt Type	Outside Dia.	Mfr. Model	Item No.
5/8 in Flat	3.5 in	FA3501	2ZRT1
7/8 in Flat	5.56 in	FA5501	2ZRT2
A	3 in	VA3001	2ZRT3
	3.98 in	VA4001	2ZRT5
	3.1 in	VA3002	2ZRT6
B	4 in	VA4002	2ZRT7
	5.04 in	VA5001	2ZRT4



2ZRT8



2ZRU1



16A171



Self-Adjusting V-Belt and Chain Tensioners

- Tensioning arm deflects up to 45° either side of neutral for wound springs; 70° for torsional wrapped springs
- Alloy steel springs

Maintain correct tension on belt and chain drives without requiring manual retensioning. Reduce resonant frequency of chain drives.

2ZRT8, 2ZRU1, 2ZRU2, and 16A169 feature accurately wound compression springs for constant tensioning force. 16A170, 2ZRT9, 2ZRU3, and 2ZRU4 feature reversible torsional wrapped spring for bidirectional use.

Description	Idler OD.	Force Range	Mfr. Model	Item No.
Tensioner for V-Belt Size				
A	3 in	0 to 30 lb.	FS0127	2ZRT8
B	5.04 in	0 to 30 lb.	FS0209	16A169
B	5.04 in	0 to 42 lb.	FS0566	2ZRT9
2-B	4 in	0 to 42 lb.	FS0608	16A170
Tensioner for ANSI Chain Size				
35	2.48 in	0 to 30 lb.	FS0072	2ZRU1
40	2.98 in	0 to 30 lb.	FS0071	2ZRU2
50	3.34 in	0 to 42 lb.	FS0567	2ZRU4
60	3.52 in	0 to 42 lb.	FS0568	2ZRU3
Mounting Bracket				
Compatible with NEMA 48, 56, and 143T Designs			B1265	16A171



19RU06

19RU12



Linear Chain Tensioners

- Die-cast aluminum construction
- Single bolt for mounting and tension adjustment
- Built-in spring mechanism absorbs momentary overloads and reduces vibration
- UHMW head is self-lubricating

Offer fully automatic straight-line take up for single chain applications.

ANSI Chain Size	Force Range (lb.)	LARGE ARCH UHMW HEAD		SMALL ARCH UHMW HEAD	
		Mfr. Model	Item No.	Mfr. Model	Item No.
35	15 to 40	CT1101	19RU06	CT1201	19RU12
40	15 to 40	CT1102	19RU07	CT1202	19RU13
50	20 to 60	CT2101	19RU08	CT2201	19RU14
60	20 to 60	CT2102	19RU09	CT2202	19RU15
80	45 to 100	CT3101	19RU10	CT3201	19RU16
100	45 to 100	CT3102	19RU11	CT3202	19RU17