PowerDrive **%**Fenner Drives 🕠

V-Belt Idler Pulleys

These grooved V-belt idlers help to position belts away from obstacles and maintain consistent belt tension for proper performance of the drive system. They work with V-shaped belts of a compatible size. **Cast-Iron** pulleys are durable and wear resistant. **Fiberglass-Reinforced Nylon** pulleys are resistant to corrosive environments and are for drive systems that require washdown



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For Belt Section	Bore Dia.	Outside Dia.	Shaft Required	Brand	Mfr. Model	ltem No.			
Cast Iron Con	struction, N	eedle Roller E	Bearing Type						
4L, 5L, A, B	1⁄2 in	2.5 in	6AGL5	Power Drive	NAK25	6AGP4			
4L, 5L, A, B	1⁄2 in	3.05 in	6AGL5	Power Drive	NAK30	6AGP5			
4L, 5L, A, B	1 in	4.96 in	6AGL6	Power Drive	NBK52	6AGP8			
Fiberglass-Re	Fiberglass-Reinforced Nylon Construction, Ball Bearing Type								
Ā	17 mm	3 in	33Z811	Fenner Drives	VA3001	2ZRT3			
A	17 mm	3.98 in	_	Fenner Drives	VA4001	2ZRT5			
В	17 mm	3 in	_	Fenner Drives	VA3002	2ZRT6			
В	17 mm	4 in	_	Fenner Drives	VA4002	2ZRT7			
В	17 mm	5 in	33Z811	Fenner Drives	VA5001	2ZRT4			

PowerDrive * Fenner Drives Flat Face Idler Pulleys

Idler pulleys can position belts away from obstacles and maintain consistent belt tension for proper performance of the drive system. They work with flat belts or the back side of V-belts or timing belts. Idlers must be matched with a compatible belt face width size. Durable **Cast-Iron** pulleys resist wear. **Fiberglass-Reinforced Nylon** models are for use in corrosive environments and for drive systems that need washdown.

2ZRT1

Face Width	Bore Dia.	Outside Dia.	Shaft Required	Brand	Mfr. Model	ltem No.
Cast Iron Cons	truction, Ne	edle Roller Bea	aring Type			
0.563 in	1/2 in	1.75 in	6AGL5	Power Drive	N1D05F	6AGP0
1.063 in	1 in	4.375 in	6AGL6	Power Drive	N4D1F	6AGP2
2.063 in	1 in	4.375 in	6AGL7	Power Drive	N4D2F	6AGP3
Fiberglass-Rei	nforced Nylo	on Construction	n, Ball Bearin	g Type		
0.77 in	17 mm	3.5 in	_	Fenner Drives	FA3501	2ZRT1
1.02 in	17 mm	5.56 in	_	Fenner Drives	FA5501	2ZRT2

PowerDrive

Idlers can maintain consistent timing belt tension, position belts away from obstacles, and reduce vibration and wear on the belt. They prevent belt slippage and ensure proper performance of the drive system. Idlers are for use with drive tighteners and tightener shafts, sold separately on this page.



6AGN9

Large

Arch

19RU06

Pitch	For Belt Trade Size	No. of Teeth	Outside Dia.	Bore Dia.	Shaft Reg.	Mfr. Model	ltem No.	
3⁄8 in	L	22	2.6 in	1 in	6AGL6	N22L100	6AGP1	
1⁄2 in	Н	16	2.5 in	1 in	6AGL6	N16H100	6AGN9	

*Fenner Drives Linear Chain Tensioners

Used to help maintain tension in drive systems with chains that move over long distances. They have a durable, self-lubricating UHMW (ultra-high molecular weight) polyethylene head that engages with a compatible chain number. A built-in spring absorbs momentary overload and vibration to reduce chain wear.

and vibratio	n to reduce chain		56012			
For Chain	Taurian France	LARGE ARCH U Mfr.	Item	SMALL ARCH UHMW HEAD		
Number 35	Tension Force	CT1101	No. 19RU06	Model CT1201	No. 19RU12	
40	15 lbf to 40 lbf	CT1102	19RU07	CT1201	19RU12	
50	20 lbf to 60 lbf	CT2101	19RU08	CT2201	19RU14	
60	20 lbf to 60 lbf	CT2102	19RU09	CT2202	19RU15	
80	45 lbf to 100 lbf	CT3101	19RU10	CT3201	19RU16	
100	45 lbf to 100 lbf	CT3102	19RU11	CT3202	19RU17	





PowerDrive B 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** are hardened and ground for maximum life. Use with idlers and drive tighteners. Include set collar and grease fitting.

Description		Use With Idler Sprocket	Use With Flat Face Idler	Use with Timing Belt Pulley Idler	Tightener Shaft Req.	Mfr. Model	ltem No.		
Drive Tight	eners								
	6AGP4 6AGP5	6AGN4	6AGP0	_	Included	ATN1	6AGK9		
Adjusting Tiahtener	6AGP6 6AGP7 6AGP8	6AGN5 to 6AGN8	6AGP2 6AGP3	6AGN9 6AGP1	6AGL6	ATQ	6AGL0		
rightener	6AGP6 6AGP7 6AGP8	6AGN5 to 6AGN8	6AGP2 6AGP3	6AGN9 6AGP1	6AGL6	SATQ	6AGL9		
Overa Leng		iaft ia.	Shaft Length		Mfr. Model		ltem No.		
Tightener S	Tightener Shafts								
2 5/16	in ½	in 🛛	1 ½ in		N1		6AGL5		
3 3/8	in 1	in	2 1/8 in		N2		6AGL6		



Spring-loaded to maintain correct tension on belt and chain drives without requiring manual retensioning. Models having **Accurately Wound Compression Springs** provide a constant retensioning force. **Torsional Wrapped Spring** models feature a reversible spring for bidirectional use.

			ione opring rei	bran ootiona.	400.
For V-Belt Size		Pulley Outside Diameter	Arm Rotation	Mfr. Model	ltem No.
Tensioner for V-	Belt Size				
Accurately Wou	nd Compression	Springs			
A	0 lbf to 30 lbf	3 in	45 °	FS0127	2ZRT8
В	0 lbf to 30 lbf	5 3⁄64 in	45 °	FS0209	16A169
В	0 lbf to 42 lbf	4 in	70 °	FS0608	16A170
Torsional Wrapp					
В	0 lbf to 42 lbf	5 in	70 °	FS0566	2ZRT9
For Chain		Sprocket Outside		Mfr.	Item
Number	Tension Force	Diameter	Arm Rotation	Model	No.
Tensioner for AM	ISI Chain Size				
Accurately Wou	nd Compression	Springs			
35	0 lbf to 30 lbf	2.48 in	45 °	FS0072	2ZRU1
40	0 lbf to 30 lbf	2.98 in	45 °	FS0071	2ZRU2
Torsional Wrapp	ed Spring				
50	0 lbf to 42 lbf	3.34 in	70 °	FS0567	2ZRU4
60	0 lbf to 42 lbf	3.52 in	70 °	FS0568	2ZRU3
	Deper	ription		Mfr. Model	Item No.
Mounting Brack		ihrion		wouer	110.
		140T Designs	1	Diocs	164171
Compatible with N	veivia 40, 50, and		B1265	16A171	

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Small Arch

19BU12

POWER TRANSMISSION Pulleys, Tighteners & Tensioners