Fenner Drives®

POWER TRANSMISSION BELTING






High Performance Link Belting for Power Transmission Applications

www.fennerdrives.com

PowerTwist Link Belting for Power Transmission Applications







As a long-lasting upgrade to rubber belts, PowerTwist Link Belting combines the performance of a rubber belt with additional cost-saving benefits:

Fast, Easy Installation

- Easy to use twist-lock design is made to length by hand
- Great for captive and fixed center drives
- Drops right in to existing equipment

Longer Belt Life

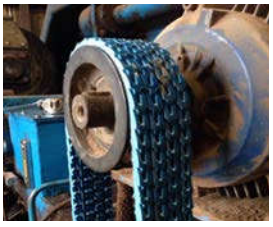
- Withstands extreme temperatures -40°F to +240°F (-40°C to +116°C)
- Unaffected by oil, grease, water and common industrial solvents
- High resistance to abrasion and shock loads

Simple Inventory Management

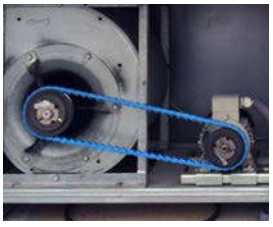
- Less money tied up in spare endless belts
- Always have the right belt length on hand
- Available in red classical V and blue wedge profiles

Attribute	PowerTwist	Rubber Belts
Installation	Make to any length by hand and roll on existing equipment	Requires adjustments to the pulleys and motor base
Inventory Management	One box covers multiple belt lengths – Any belt, any time	Multiple endless belts required to cover all drives
Drive Vibration	Individual links dissipate transmitted vibration	Continuous tension cord carries drive vibration
Temperature Range	-40°F to 240°F (-40°C to 116°C)	-30°F to 153°F (-34°C to 67°C)
Chemical Resistance	Unaffected by oil, grease, and common industrial solvents	Continued exposure reduces belt life
Abrasion	High resistance	Low resistance
Fixed and Captive Drives	Assemble in place without moving components	Requires substantial equipment teardown









Cost savings you can count on

PowerTwist delivers a low cost of ownership through reduced downtime, longer belt life, and less inventory.
On average PowerTwist provides the following cost reductions when compared to rubber belts:

Fans/Blowers
HVAC, Data Centers, Agricultural

77% 84%

77% reduction in operating costs
84% reduction in associated labor hours

Power Transmission
Mining/Aggregate/Cement, Forestry, Metal Manufacturing, General Industry

68% 4% 81% 99%

68% reduction in operating costs
4% reduction in energy costs
81% reduction in associated labor hours
99% reduction in downtime costs

PowerTwist Link Belting has the right belt for your drive

Wedge

Cross Section	Nominal Width		Part Numbers				Minimum Pulley Diameter		Ride Height Above Rim			
	inches	mm	25'	100'	5m	20m	inches	mm	Min (in.)	Max (in.)	Min (mm)	Max (mm)
3V	3/8	10	0460025	0460000			2.65		0.18	0.30	4.5	7.5
5V	5/8	17	0460125	0460100			5.5		0.20	0.44	5.0	11.0
SPZ		10			0460616	0460666		67	0.18	0.30	4.5	7.5
SPA		13			0460716	0460766		90	0.16	0.41	4.1	10.3
SPB		17			0460816	0460866		140	0.20	0.44	5.0	11.0

Classical V

Cross Section*	Nominal Width		Part Numbers				Minimum Pulley Diameter		Ride Height Above Rim			
	inches	mm	25'	100'	10m	30m	inches	mm	Min (in.)	Max (in.)	Min (mm)	Max (mm)
3L	3/8		0405010	0408010			2.00		0.12	0.17	3.0	4.2
Z/10		10			0410020	0418023		45	0.14	0.20	3.6	5.2
A/13	1/2	13	0405030	0408030	0410030	0418033	3.00	80	0.08	0.16	2.1	4.0
B/17	5/8	17	0405050	0408050	0410050	0418053	5.00	125	0.14	0.22	3.4	5.6
C/22	7/8	22	0405070	0408070	0410070	0418073	9.00	229	0.07	0.22	1.8	5.6
D/32	1-1/4	32	0405090	0408090	0410090	0418093	13.2	335	0.08	0.21	2.0	5.3

* 3L and A/13 are also available in 5' and 2m sleeves. B/17 is available in 6' and 2m Sleeves

Round

Cross Section		Part Numbers			Minimum Pulley Diameter	
		25'	100'	30m	inches	mm
5/16"	8mm	04051050	04081050	04191050	2.0	51
3/8"	10mm	04051060	04081060	0419110	3.0	76
1/2"	13mm	04051040	04081040	0419120	3.0	76
9/16"	14mm	04051070	04081070	04151070	5.5	140
3/4"	19mm		04081080	0415110	8.5	216





SuperTLink Wedge Belts

- Alternative to twist lock design, using metal studs
- Fast, easy installation
- High resistance to harsh operating conditions
- Reduced vibration and noise

Cross Section	Nominal Width		Part Numbers				Minimum Pulley Diameter		Ride Height Above Rim			
	inches	mm	25'	100'	5m	20m	inches	mm	Min (in.)	Max (in.)	Min (mm)	Max (mm)
3V	0.45	11	0407025	0407100			2.8		0.18	0.40	4.6	10.0
5V	0.66	17	0417025	0417100			5.5		0.06	0.20	1.4	5.1
SPZ		12			L02Z5N	L02Z20N		71	0.18	0.40	4.6	10.0
SPA		13			L02A5N	L02A20N		90	0.14	0.36	3.6	9.1
SPB	0.66	17			L02B5	L02B20		140	0.06	0.20	1.4	5.1
SPC		22			L02C5	L02C20		224	0.05	0.33	1.3	8.4

TLink Installation Tool: L02NT10 (10pk)



NuTLink V Belts

- Alternative to twist lock design, using metal studs
- Fast, easy installation
- High resistance to harsh operating conditions
- Reduced vibration and noise

Cross Section	Nominal Width		Part Numbers		Minimum Pulley Diameter		Ride Height Above Rim			
	inches	mm	5m	20m	inches	mm	Min (in.)	Max (in.)	Min (mm)	Max (mm)
Z/10		10	L01Z5	L01Z20		45	0.06	0.18	1.6	4.6
A/13	1/2	13	L01A5	L01A20	3.00	80	0.08	0.31	2.0	7.8
B/17	5/8	17	L01B5	L01B20	5.00	125	0.09	0.37	2.2	9.3
C/22	7/8	22	L01C5	L01C20	9.00	229	0.00	0.23	0.1	5.8

TLink Installation Tool: L02NT10 (10pk)

Count on Fenner Drives. We've got the right product for your application.

With over 100 years of manufacturing, technical and commercial expertise, Fenner Drives is a global leader in value-adding, problem-solving products for conveying and power transmission applications. Recognized widely for our expertise and innovation, we blend reliability, quality and value in our products while providing unsurpassed technical support and service.

Visit us at www.fennerdrives.com

Fenner Drives®
www.fennerdrives.com
US and Canada • 1 800 243 3374
Latin America • 1 717 665 2421
Europe, Asia, Australia and Africa • +44 0 870 757 7007

Visit us at www.fennerdrives.com

© 2016 FENNER DRIVES **LINKBI-003** 08/2016