POWER TRANSMISSION BELTING

HIGH PERFORMANCE LINK BELTING





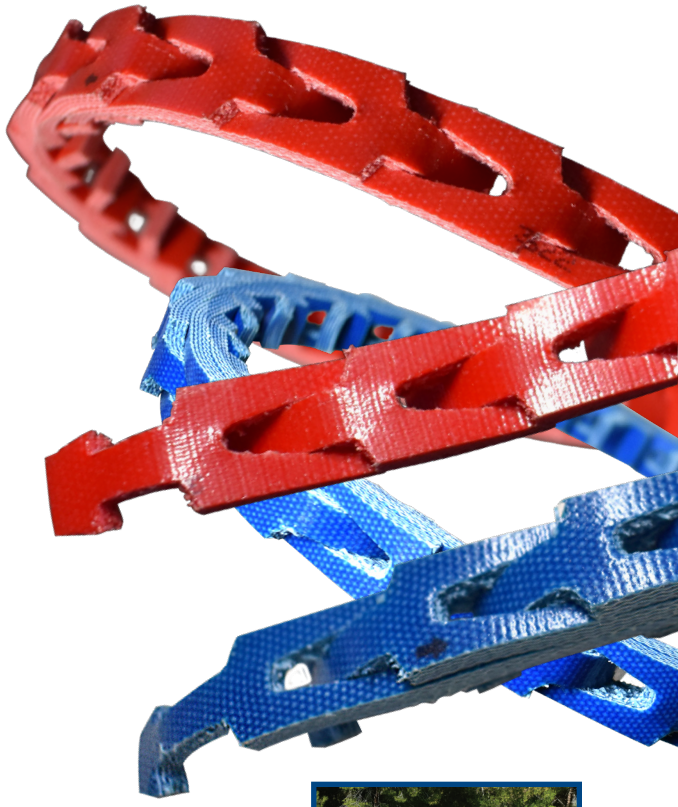






Fenner | Industrial Motion

POWERTWIST DRIVE Link Belting for Power Transmission Applications



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

Fast, Easy Installation

- Fast, Easy Installation – twist lock design is made to length by hand
- Fit and Forget – no need to re-tension
- Drops right in to existing equipment

Longer Belt Life

- Withstands extreme temperatures -40°F to +240°F (-40°C to +116°C)
- Resistant to oil, grease, water & common industrial solvents
- High resistance to abrasion

Simple Inventory Management

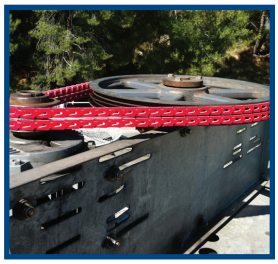
- Less money tied up in spare endless belts
- Always have the right belt length on hand
- Available in red classical V and blue wedge profiles

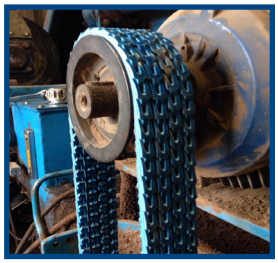
Classical Profiles

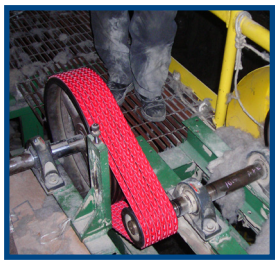
Z/10, 3L, A/4L/13, B/5L/17, C/22

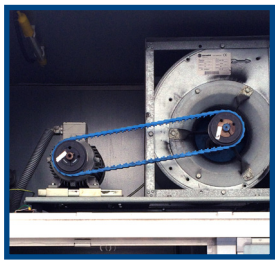
Wedge Profiles

3V, 5V, SPZ, SPA, SPB









Attribute	POWERTWIST DRIVE	Rubber Belts
Installation	Make to any length by hand and roll on existing equipment	Requires adjustments to the pulleys and motor base
Re-Tensioning	No-Retensioning required	Requires multiple retensions
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	Resistant to 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

Performance when you need it most!

Cost savings you can count on

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

Fans/Blowers
HVAC Data Centers, Agricultural

77%

77% reduction in operating costs

84%

84% reduction in associated labor hours

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

68%

68% reduction in operating costs

4%

4% reduction in energy costs

81%

81% reduction in associated labor hours

99%

99% reduction in downtime costs

POWERTWIST DRIVE Link Belting

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

Wedge

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)
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

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



SUPER TLINK 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)

NU TLINK 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)

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US and Canada 1-800-243-3374
Latin America 1-717-665-2421
Europe, Asia, Australia and Africa +44 0 870 757 7007

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