

FENNER BELT & PULLEY

Product Brochure



WHO WE ARE.

Motion delivers a world-class customer-first approach to everything we do. This has firmly established our business as the leader in the market, providing excellence and expertise in industrial products, solutions and services.

For more than 100 years we have been a feature in the Australian industrial landscape giving customers unmatched products and service through an integrated network of branches, workshops and service centres.

We have an ongoing commitment to invest in our people, facilities, IT and systems to ensure we can continue to offer a broad ranging and premium level of engineering design, servicing and turnkey projects to our customers across Australia.

We are committed and proud to keep our customers in motion, every day of the year.

“**WE KEEP
THE WORLD
MOVING**”

CONTENTS

FENNER HISTORY	4-5
FENNER SCIENCE	6
BELT TYPES	7-9
BELT CHARTS	11-17
Z (M) & A SECTION CLASSIC BELTS	18
B SECTION CLASSIC BELTS	19
C & D SECTION CLASSIC BELTS	20
SPZ WEDGE BELTS	21
SPA WEDGE BELTS	22
SPB WEDGE BELTS	23
SPC WEDGE BELTS	24
COGGED RAW EDGE (CRE) BELTS	25-26
Z (M) & SPZ SECTION TAPER LOCK PULLEYS	28
A & SPA SECTION TAPER LOCK PULLEYS	32
B & SPB SECTION TAPER LOCK PULLEYS	36
C & SPC SECTION TAPER LOCK PULLEYS	40
TAPER LOCK BUSHES - METRIC	44
TAPER LOCK BUSHES - IMPERIAL	45
ACCESSORIES	46



Exceptional Performance

Fenner® power transmission products are world renowned for delivering the ultimate combination of rugged construction, reliable and efficient performance and value for money - proven in the harshest environments, guaranteed to perform in yours!

All power transmission products are manufactured to exacting specifications in line with international standards, and are backed up by a product development program designed to keep them at the cutting edge.

Over 150 Years of Engineering Heritage

Fenner® has been a leading name in power transmission for over 150 years and generations of professional engineers have placed their trust in these products.

Founded in 1861 by Joseph Henry Fenner, the company started as a manufacturer of horse hair and leather power transmission belts. In 1921, woven textile belts were developed and the company began to produce some of the finest transmission belting in the market. Today, the Fenner product range includes transmission belts, pulleys, chains, sprockets, couplings, taper lock bushes, shaft fixings, gearboxes, motors and inverters.

Our success in the market means that today the Fenner mark is widely recognised as synonymous with exceptional products for everyday use - a fitting tribute to the designers and engineers who proudly continue to oversee these ever-improving fundamentals of power transmission.



Fenner Guarantee



Products are guaranteed in terms of the manufacturer's Standard Conditions of Business only if all components of an assembly (excluding belts) are of genuine manufacture

All products in this manual are available for purchase subject to our standard conditions of sale. To the best of our knowledge the representations concerning performance of any items contained in this manual are, at date of publication, accurate within normally accepted tolerances. We shall not, however, be liable for consequences arising from inaccuracies in drawings, specification or other information based on specifications, dimensions, calculations or information of whatsoever nature obtained from this manual nor be bound thereto.

All products covered by this manual are manufactured to standards and/or specifications adequate for the purpose for which they have been designed. We will repair, or at our discretion, replace, free of charge at point of delivery, any item or part thereof which may prove, within three months after delivery, to be defective due to faulty workmanship or material, save as aforesaid, no warranty or misrepresentation of any nature is or shall be taken to be given by us or is or can be implied.

The information contained herein is subject to alteration without notice, and accordingly, we shall not be bound to the contents of the terms hereof.

Fenner®

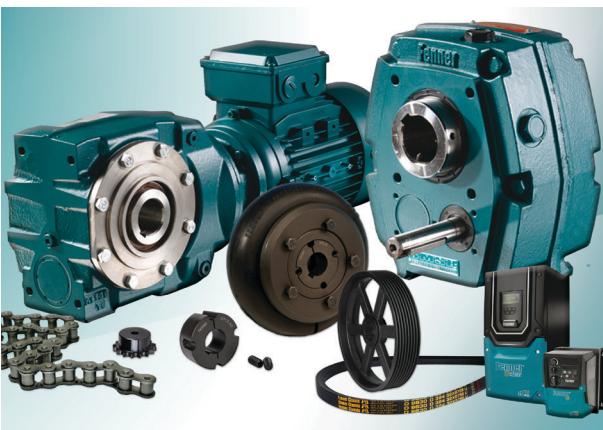
Reliable | Trusted | Connected

Reliable. Trusted. Connected.



Fenner's worldwide commitment to quality is a guarantee that wherever the project or customer is located, the Fenner products supplied will always meet the most exacting standards.

Complete Drive Solution for You



Fenner® has been a leading name in power transmission for over 150 years and generations of professional engineers have placed their trust in Fenner products.



The Quality Plus

Ultra PLUS power transmission belts are given an individual property mark to signal outstanding technical properties. Each property mark indicates a different property. Ultra PLUS power transmission belts can be awarded the following marks:



For trouble-free operation at extremely low temperatures below -30°C.



For uncompromising, constant power transmission even at extremely high ambient temperatures above 100°C.



For especially wide temperature ranges and full functionality both below -30°C and above 100°C.



For contact with simple lubricants and oils while maintaining constantly high power transmission.



For meeting electrical conductivity to ISO 1813.



For compliance with the "antistatic" requirements to ISO 9563.



For complete reliability until the end of their lifetime without having to be maintained.



For meeting future requirements: achieving PAH category 1 or 2 according to "2014 AfPS GS:01 PAK"



Fenner® S.C.I.E.N.C.E. Explained

Did you know that 70% of friction drives are incorrectly installed?

That figure is quite astounding particularly when you consider how many applications are dependent on the efficiency and reliability of friction belt drives.

But don't panic, with just a few simple steps and the assistance of your Local Authorised Fenner Distributor, we can ensure that your belt drives (and chain drives) achieve their optimum efficiency, full operating life and provide reliable performance.

With Fenner it's all about the S.C.I.E.N.C.E. - Select Correctly, Install Effectively, Never Compromise Efficiency, if you adhere to these simple rules you can be confident that your drive selection will perform.

SC

Select Correctly

A correctly selected drive for your application will ensure the drive uses the fewest number of belts or the absolute minimum of belt width, which in turn:

- Reduces loading on the machine bearings increasing the life cycle of the machine, reducing downtime and the risk of mechanical failure
- Reduces the noise levels keeping noise pollution to a minimum at high speeds
- Reduces the amount of raw materials and resources used cutting down on waste and subsequent pollution

IE

Install Effectively

Correct installation - once you have carefully selected your belt drive components - is paramount to the longevity and efficiency of your belt drive, by following the correct installation procedures to the letter and by using the right tools for the job, such as the Fenner laser alignment and tensioning devices, we can;

- Reduce the vibration to which the machine bearings are subjected, prolonging machine life, minimising downtime and reducing the risk of severe damage to the driven machine
- Ensure the drive operates and delivers its maximum rated power at its premium efficiency, reducing both waste and pollution
- Supply a drive which gives the maximum drive life available on the market using the minimum of resource to maintain.

NCE

Never Compromise Efficiency

By including belt drives as an integral part of a planned maintenance schedule you can:

- Ensure the process up-time is at an absolute maximum giving the ultimate production output maximising operational efficiency
- Prolong the life of the drive and negate the need to waste costly resources on breakdowns and drive problems
- Extend drive, machine and bearing life to the maximum, using less raw materials and guarantee sustainability.

Remember your drive stands or falls by the accuracy of its installation, so take the time to get this right and you will reap the rewards. Use the S.C.I.E.N.C.E

CLASSIC V

Light Duty, Wrapped V-belt

Ideal for high ratio or small pulley drives, the Fenner® Classic V belt has a specially treated jacket to give superior anti-static, heat and oil resistant properties that exceeds the new industry anti-ignition standards. It conforms to DIN 2215 (German Institute for Standardization) and RMA IP20.

Benefits

- Accuracy and stability of length
- One-shot tensioning for fit-and-forget reliability
- Extended temperature range -40°C to +70°C

POWER PLUS WEDGE

Trusted Precision

Built using advanced technology, Fenner® Power PLUS transmission belts achieve economic performance by use of low elongation polyester cords and abrasion resistant impregnated jacket fabric. It conforms to DIN 7753 (German Institute for Standardization) and RMA IP22.

Benefits

- Ideal for use in single or multi-belt drives
- Accuracy and stability of length
- One-shot tensioning for fit-and-forget reliability
- Extended temperature range -40°C to +70°C
- Heat and Oil Resistant

CRE PLUS

**HIGH
PERFORMANCE**

The driving force for high ratio applications

Fenner® CRE (Cogged Raw Edge) wedge belts are precision built for excellent length matching. They are static conductive to the ISO 1813 standard and conform to the anti-static specifications of the American Petroleum Institute (API) for similar belts. The belt will not ignite under severe slip / stall conditions subject to maximum surface temperature limitations.

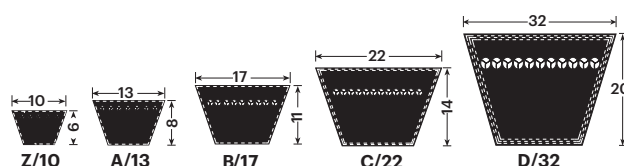
Benefits

- Higher running efficiency than wrapped belts
- One-shot tensioning - no matching required
- Heat and conditionally oil resistant
- PB® (Precision Build) technology
- Accuracy and stability of length



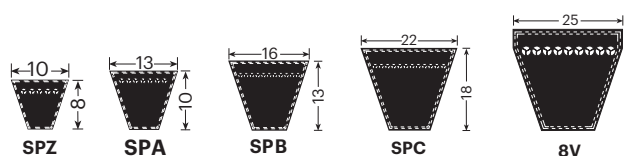
Sections and Size Range

Profile	Z	A	B	C	D
Imperial Length Range (inch)		A20- A154	B26- B238	C49- C444	D105- D538
Metric Length Range (mm)	370- 1750	540- 1950	700- 6070	1300- 11330	2740- 13700



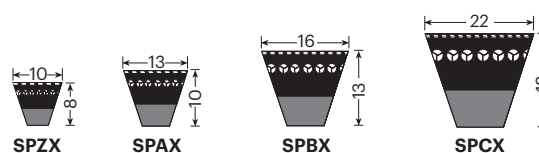
Sections and Size Range

Profile	SPZ/3V	SPA	SPB/5V	SPC	8V/DELTA
Metric Length Range (mm)	487- 3550	732- 4500	1250- 8000	2000- 12500	2540- 11430



Sections and Size Range

Profile	SPZX	SPAX	SPBX	SPCX
Metric Length Range (mm)	630- 3550	800- 3550	1250- 3550	2000- 5000



Fenner® Ultra PLUS

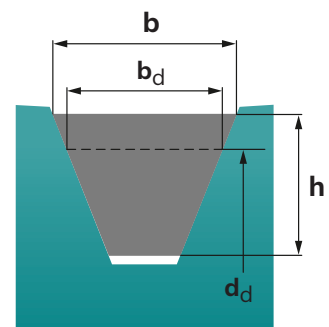
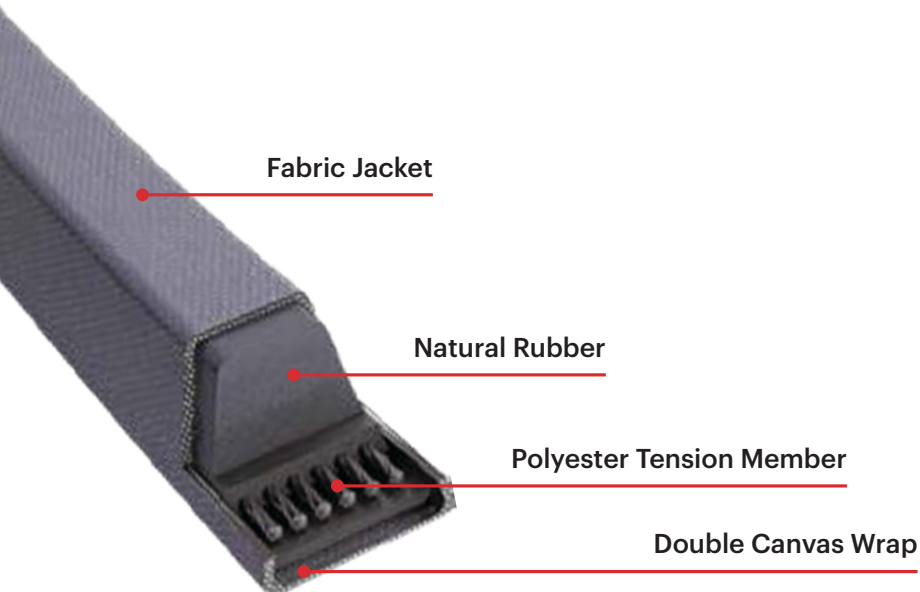
APPLICATIONS

The Fenner® ULTRA PLUS narrow-section V-belt is suitable for many applications in general mechanical engineering where space-saving heavy-duty drives are involved, e.g. exhaust-air extraction systems, mills, mixers and pumps. Other application fields include sawmills, shredders and layshafts for heavy-duty conveyors.



FEATURES

- Moderately oil-resistant
- Suitable for tropical climates
- Unaffected by dust
- Temperature-resistant from – 55 °C to +70 °C
- Electrically conductive to ISO 1813
- Matched-set L=L (from 1,000 mm)



Wrapped narrow-section V-belts to DIN 7753 for demanding drives in every mechanical engineering field.

Section	Ref	SPZ/3V/9N	SPA	SPB/5V/15N	19	SPC	8V/25N
Top Belt Width	b (mm)	10	13	16	19	22	25.4
Belt Height	h (mm)	8	10	13	15.7	18	23.1
Pitch Width	b_d (mm)	8.5	11	14	15	19	25.4
Length Ranges	L_d (mm)	512-3750	732-6000	1250-9000	1400-4475	2000-16500	4318-12700
Minimum Pulley Diameter	d_d (mm)	63	90	140	224	224	315

FENNER LAWN & GARDEN

A High-Load, Impact-Resistant belt with Reverse wrapping, designed for back idler drives. The belts are constructed with Aramid Cords for superior strength to extend belt life, improving overall belt length stability under tough operating conditions.



Sections and Size Range

Profile	AK	BK
Imperial Length Range (inch)	26" - 162"	26" - 180"

ADVANTAGES

The Fenner Lawn & Garden Belt utilizes high performance aramid cord, achieving a 60% increase in tensile strength. This enhancement improves belt length stability under high-load and high-impact operating conditions.

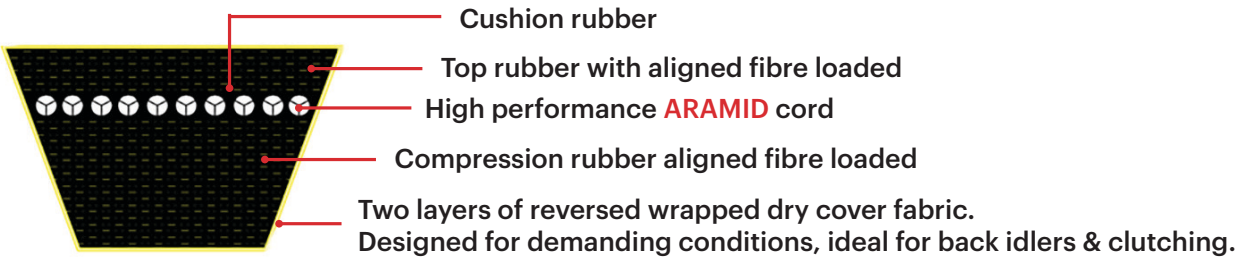
Featuring reverse wrapping, it significantly enhances the belt’s bending durability and extends its service life. The new Fenner Lawn and Garden belt is designed for multi-pulley systems and large-angle reverse drive configurations. This belt is widely utilized in high-end gardening machinery, including professional lawn mowers and landscaping equipment.

FEATURES

- Superior Fatigue Resistance
- Reduced Belt Elongation
- Back-Pressure Clutch Adaptability
- Wide Temperature Range (-30°C to +80°C)
- Global Standards Compliance
- Compatibility with Back Tensioner Pulleys and Automated Tensioners



MATERIALS & CONSTRUCTION



Friction Pulleys

Taper Lock® and Pilot Bore Relative Power 100%

Fenner® friction pulleys are manufactured from high grade iron (GG25), tolerate shock loading and achieve rim speeds of up to 33m/s. Available with pilot bore fixings or using the Taper Lock® shaft fixing system for ultimate versatility.

Benefits

- Incorporate universal dual duty grooves (ISO 4183) and accept both V and wedge belts
- Statically balanced to exceed grade G6.3 (ISO 1940)
- Rim speeds up to a maximum of 33m/s
- Blackened to reduce corrosion, acts as an ideal primer and removes the need for cleaning coating agents prior to installation
- Consistent and high grade of accuracy e.g. groove wobble tolerance exceeds DIN 2211 part 1 requirements
- Taper Lock® mounting for quick and simple installation
- Special designs and sizes available

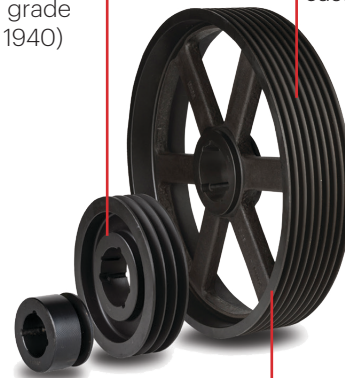
Sections and Size Range

Profile	SPZ	SPA	SPB	SPC
Sizes (mm)	56 - 630	80 - 800	112 - 1000	200 - 1250

Construction

Statically balanced to exceed grade G6.3 (ISO 1940)

Manufactured using high grade cast iron GG25



Rim speeds up to a maximum of 33m/s

Taper Lock®

Easy-on, Easy-off.

Fenner pioneered product since the 1960's

Machined to exacting tolerances in cast iron and steel, the Fenner® Taper Lock® four hole bush has been tried and tested in over 50 million applications. It is the most successful shaft fixing in the marketplace today with a full range of both metric and imperial sizes as well as a full range of weld-on hubs, bolt-on hubs and hub adaptors.

Benefits

- Equivalent to a shrink-on fit on uniform load applications and thus eliminating the cost of a key
- No costly re-boring: full range of both metric and imperial available
- Special 4-hole feature for balanced assemblies
- High grade, close grain iron material

Sections and Size Range

Code	1008	1108	1210	1610	1615	2012	2517	3020	3030
Bore Dia (mm)	9 - 25	9 - 28	11 - 32	14 - 42	14 - 42	14 - 50	16 - 60	25 - 75	35 - 75

Code	3525	3535	4030	4040	4535	4545	5040	5050	
Bore Dia (mm)	35 - 100	35 - 90	40 - 115	40 - 100	55 - 125	55 - 110	70 - 125	70 - 125	



Fenner® Wedge Belts Chart**SPZ / 3V / SPZX**

Pitch Length (mm)	3V 1/10"	SPZ	SPZX
487		✓	-
512		✓	-
562		✓	-
587		✓	-
612		✓	-
630	250	✓	✓
637		✓	-
662		✓	-
670		✓	✓
687		✓	-
710	280	✓	✓
722		✓	-
737		✓	-
750		✓	✓
760	300	✓	-
772		✓	✓
787		✓	-
800	315	✓	✓
812		✓	-
825		✓	-
837		✓	-
850		✓	✓
862		✓	-
875		✓	-
887		✓	-
900	355	✓	✓
912		✓	-
925		✓	-
937		-	✓
940	370	✓	✓
950		✓	✓
962		✓	-
987		✓	-
1000		✓	✓
1010	400	✓	✓
1024		✓	-
1037		✓	-
1047		✓	-
1060		✓	-
1077		-	-
1080	425	✓	-
1087		✓	-
1112		✓	-
1120		✓	✓
1137		✓	✓
1140	450	-	✓
1150		-	-

Pitch Length (mm)	3V 1/10"	SPZ	SPZX
1162	-	✓	-
1180	-	✓	✓
1187	-	✓	-
1200	475	✓	✓
1212	-	✓	-
1220	-	-	-
1237	-	✓	-
1250	-	✓	✓
1262	-	✓	-
1270	500	✓	✓
1287	-	✓	-
1312	-	✓	-
1320	-	✓	✓
1337	-	-	✓
1340	530	✓	✓
1347	-	✓	-
1360	-	-	✓
1362	-	✓	-
1387	-	✓	-
1400	-	✓	✓
1412	-	✓	-
1420	560	✓	✓
1437	-	✓	-
1450	-	-	-
1462	-	✓	✓
1470	580	✓	✓
1487	-	✓	-
1500	-	✓	✓
1512	-	✓	-
1520	600	✓	✓
1537	-	✓	-
1560	617	✓	✓
1587	-	✓	✓
1600	630	✓	✓
1612	-	✓	-
1637	-	✓	-
1650	650	✓	✓
1662	-	✓	-
1687	-	✓	-
1700	670	✓	✓
1737	-	✓	-
1762	-	✓	-
1787	-	✓	-
1800	710	✓	✓
1812	-	✓	-
1837	-	✓	-
1850	730	✓	✓

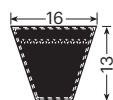
Pitch Length (mm)	3V 1/10"	SPZ	SPZX
1862	-	✓	-
1887	-	✓	-
1900	750	✓	✓
1937	-	✓	-
1987	800	✓	-
2000	-	✓	✓
2030	-	✓	-
2037	-	✓	-
2040	-	-	✓
2120	-	✓	✓
2137	-	✓	-
2160	850	✓	-
2187	-	✓	-
2240	-	✓	✓
2262	-	✓	-
2280	900	✓	-
2287	-	✓	-
2360	-	✓	-
2410	950	✓	-
2500	-	✓	✓
2540	1000	✓	-
2650	-	✓	-
2690	1060	✓	-
2800	-	✓	✓
2840	1120	✓	-
3000	1180	✓	-
3150	-	✓	✓
3170	1250	✓	-
3350	-	✓	-
3550	1400	✓	✓

Note: Dimensions are in millimeters unless otherwise stated.

Fenner® Wedge Belts Chart**SPA / SPAX**

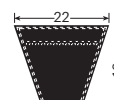
Pitch Length (mm)	SPA	SPAX	Pitch Length (mm)	SPA	SPAX	Pitch Length (mm)	SPA	SPAX
732	✓	-	1457	✓	-	2500	✓	✓
757	✓	-	1482	✓	-	2532	✓	-
800	✓	✓	1500	✓	✓	2580	✓	-
807	✓	-	1507	✓	-	2607	✓	-
825	✓	-	1532	✓	✓	2632	✓	-
832	✓	-	1550	✓	✓	2650	✓	✓
850	✓	✓	1557	✓	-	2682	✓	-
857	✓	-	1582	✓	-	2720	✓	-
875	✓	-	1600	✓	✓	2732	✓	-
882	✓	-	1607	✓	-	2782	✓	-
900	✓	✓	1632	✓	-	2800	✓	✓
907	✓	-	1650	✓	✓	2832	✓	-
925	✓	✓	1657	✓	-	2847	✓	-
932	✓	-	1682	✓	-	2882	✓	-
950	✓	✓	1700	✓	✓	2900	✓	-
957	✓	-	1707	✓	-	2932	✓	-
975	✓	-	1732	✓	-	2982	✓	-
983	✓	-	1750	✓	✓	3000	✓	✓
1000	✓	✓	1757	✓	-	3032	✓	-
1007	✓	-	1782	✓	-	3082	✓	-
1030	✓	-	1800	✓	✓	3150	✓	✓
1060	✓	✓	1807	✓	-	3182	✓	-
1082	✓	-	1832	✓	-	3282	✓	-
1090	✓	✓	1850	✓	✓	3350	✓	✓
1107	✓	-	1857	✓	-	3382	✓	-
1120	✓	✓	1882	✓	-	3550	✓	✓
1132	✓	-	1900	✓	✓	3750	✓	-
1150	✓	-	1907	✓	-	4000	✓	-
1157	✓	-	1932	✓	-	4250	✓	-
1180	✓	✓	1950	✓	✓	4500	✓	-
1207	✓	✓	1957	✓	-			
1220	✓	-	1982	✓	-			
1232	✓	-	2000	✓	✓			
1250	✓	✓	2032	✓	-			
1257	✓	-	2057	✓	-			
1272	✓	-	2060	✓	✓			
1280	✓	✓	2082	✓	-			
1307	✓	-	2120	✓	✓			
1320	✓	✓	2132	✓	-			
1332	✓	-	2180	✓	-			
1357	✓	-	2207	✓	-			
1360	✓	-	2232	✓	-			
1382	✓	✓	2240	-	✓			
1400	✓	✓	2360	✓	✓			
1407	✓	-	2382	✓	-			
1432	✓	-	2430	✓	✓			
1450	✓	✓	2482	✓	-			

Note: Dimensions are in millimeters unless otherwise stated.

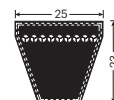
Fenner® Wedge Belts Chart**SPB / 5V / SPBX**

Pitch Length (mm)	5V 1/10"	SPB	SPBX
1250	-	✓	✓
1260	500	✓	✓
1320	-	✓	✓
1340	530	✓	✓
1400	-	✓	✓
1410	560	✓	✓
1500	-	✓	✓
1550	-	✓	-
1600	630	✓	✓
1670	-	✓	-
1700	-	✓	✓
1750	-	✓	-
1800	710	✓	✓
1850	-	✓	-
1900	-	✓	✓
1950	-	✓	-
2000	-	✓	✓
2020	800	✓	✓
2060	-	✓	-
2120	-	✓	✓
2150	850	✓	✓
2240	-	✓	✓
2280	900	✓	✓
2360	-	✓	✓
2410	950	✓	✓
2450	-	✓	-
2500	-	✓	✓
2530	1000	✓	✓
2580	-	✓	-
2650	-	✓	✓
2680	1060	✓	✓
2720	-	✓	-
2800	-	✓	✓

Pitch Length (mm)	5V 1/10"	SPB	SPBX
2840	1120	✓	✓
2900	-	✓	-
3000	1180	✓	✓
3150	-	✓	✓
3170	1250	✓	-
3250	1320	✓	-
3350	-	✓	✓
3450	1400	✓	-
3550	-	✓	✓
3750	1500	✓	-
3800	-	✓	-
3870	-	✓	-
4000	-	✓	-
4060	1600	✓	-
4250	-	✓	-
4310	1700	✓	-
4500	-	✓	-
4560	1800	✓	-
4750	-	✓	-
4820	1900	✓	-
5000	-	✓	-
5070	2000	✓	-
5300	-	✓	-
5380	2120	✓	-
5600	-	✓	-
5680	2240	✓	-
6000	2360	✓	-
6300	-	✓	-
6340	2500	✓	-
6700	-	✓	-
7100	2800	✓	-
7500	-	✓	-
8000	3150	✓	-

**SPC**

Pitch Length (mm)	SPC	Pitch Length (mm)	SPC
2000	✓	5000	✓
2120	✓	5300	✓
2240	✓	5600	✓
2360	✓	6000	✓
2500	✓	6300	✓
2650	✓	6700	✓
2800	✓	7100	✓
3000	✓	7500	✓
3150	✓	8000	✓
3350	✓	8500	✓
3550	✓	9000	✓
3750	✓	9500	✓
4000	✓	10000	✓
4060	-	10600	✓
4250	✓	11200	✓
4310	✓	11800	✓
4500	✓	12500	✓
4750	✓		

**8V**

Pitch Length (mm)	8V 1/10" (inch)	Pitch Length (mm)	8V 1/10" (inch)
2540	1000	5690	2240
2840	1120	6350	2500
3180	1250	7100	2800
3550	1400	8000	3150
3810	1500	9000	3550
4060	1600	10160	4000
4570	1800	11430	4500
5080	2000		

Note: Dimensions are in millimeters unless otherwise stated.

DATA AND CALCULATIONS FOR ALL WEDGE BELTS

Mass/Unit Length	
Section	kg/m
SPZ	0.07
SPA	0.12
SPB	0.19
SPC	0.32
8V	0.54
SPZX	0.06
SPAX	0.11
SPBX	0.18

Pitch to Inner Lengths	
Section	Calculation
SPZ	Li = Lp - 37
SPA	Li = Lp - 45
SPB	Li = Lp - 60
SPC	Li = Lp - 90
8V	Li = Lp - 120
SPZX	Li = Lp - 38
SPAX	Li = Lp - 44
SPBX	Li = Lp - 58

Pitch to Outer Lengths	
Section	Calculation
SPZ	Lo = Lp + 13
SPA	Lo = Lp + 18
SPB	Lo = Lp + 22
SPC	Lo = Lp + 30

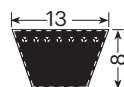
Lp = Pitch Length
 Lo = Outside Length
 Li = Inside Length

Working Temperatures	
-40 to +70°C	

Fenner® Classic V Belts Chart



**Z (M)
Section**



A Section

Z Belt Designation	Classic Ultra+	Classic	M Belt Designation
Z18	✓	-	M18
Z19	✓	-	M19
Z20	✓	✓	M20
Z21	✓	✓	M21
Z22	✓	✓	M22
Z23	✓	✓	M23
Z24	✓	✓	M24
Z25	✓	-	M25
Z26	✓	✓	M26
Z27	✓	-	M27
Z28	✓	-	M28
Z29	✓	✓	M29
Z30	✓	✓	M30
Z31	✓	-	M31
Z32	✓	✓	M32
Z33	✓	-	M33
Z34	✓	✓	M34
Z35	✓	✓	M35
Z36	✓	-	M36
Z37	✓	✓	M37
Z38	✓	✓	M38
Z39	✓	-	M39
Z40	✓	-	M40
Z41	✓	-	M41
Z42	✓	✓	M42
Z43	✓	✓	M43
Z44	✓	-	M44
Z45	✓	-	M45
Z46	✓	-	M46
Z47	✓	-	M47
Z48	✓	-	M48
Z50	✓	-	M50
Z51	✓	-	M51
Z52	✓	-	M52
Z54	✓	-	M54
Z55	✓	-	M55
Z56	✓	-	M56
Z57	✓	-	M57
Z59	✓	-	M59
Z60	✓	-	M60
Z72	✓	-	M72

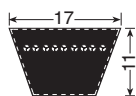
A Belt Designation	Classic Ultra+	Classic	A Belt Designation	Classic Ultra+	Classic	A Belt Designation	Classic Ultra+	Classic
A20	✓	✓	A61	✓	✓	A105	✓	✓
A21	✓	✓	A62	✓	✓	A107	✓	✓
A22	✓	✓	A63	✓	✓	A108	✓	✓
A23	✓	✓	A64	✓	✓	A110	✓	✓
A24	✓	✓	A65	✓	✓	A112	✓	✓
A25	✓	✓	A66	✓	✓	A113	-	✓
A26	✓	✓	A67	✓	✓	A115	✓	✓
A27	✓	✓	A68	✓	✓	A116	✓	✓
A28	✓	✓	A69	✓	✓	A120	✓	✓
A29	✓	✓	A70	✓	✓	A124	✓	✓
A30	✓	✓	A71	✓	✓	A128	✓	✓
A31	✓	✓	A72	✓	✓	A134	✓	✓
A32	✓	✓	A73	✓	✓	A136	✓	✓
A33	✓	✓	A74	✓	✓	A138	✓	✓
A34	✓	✓	A75	✓	✓	A144	✓	✓
A35	✓	✓	A76	✓	✓	A154	✓	✓
A36	✓	✓	A77	✓	✓			
A37	✓	✓	A78	✓	✓			
A38	✓	✓	A79	✓	✓			
A39	✓	✓	A80	✓	✓			
A40	✓	✓	A81	✓	✓			
A41	✓	✓	A82	✓	✓			
A42	✓	✓	A83	✓	✓			
A43	✓	✓	A84	✓	✓			
A44	✓	✓	A85	✓	✓			
A45	✓	✓	A86	✓	✓			
A46	✓	✓	A87	✓	✓			
A47	✓	✓	A88	✓	✓			
A48	✓	✓	A89	✓	✓			
A49	✓	✓	A90	✓	✓			
A50	✓	✓	A91	✓	✓			
A51	✓	✓	A92	✓	✓			
A52	✓	✓	A93	✓	✓			
A53	✓	✓	A94	✓	✓			
A54	✓	✓	A95	✓	✓			
A55	✓	✓	A96	✓	✓			
A56	✓	✓	A97	✓	✓			
A57	✓	✓	A100	✓	✓			
A58	✓	✓	A102	✓	✓			
A59	✓	✓	A103	✓	✓			
A60	✓	✓	A104	✓	✓			

Note: Belt designation length is inside length in inches.

Lp = Pitch Length

Li = Inside Length

Fenner® Classic V Belts Chart



B Section

B Belt Designation	Classic Ultra+	Classic	B Belt Designation	Classic Ultra+	Classic	B Belt Designation	Classic Ultra+	Classic
B26	✓	✓	B69	✓	✓	B116	✓	✓
B28	✓	✓	B70	✓	✓	B118	✓	✓
B30	✓	✓	B71	✓	✓	B120	✓	✓
B31	✓	✓	B72	✓	✓	B122	-	✓
B32	✓	✓	B73	✓	✓	B124	✓	✓
B33	✓	✓	B74	✓	✓	B126	-	✓
B34	✓	✓	B75	✓	✓	B128	✓	✓
B35	✓	✓	B76	✓	✓	B130	✓	✓
B36	✓	✓	B77	✓	✓	B132	✓	✓
B37	✓	✓	B78	✓	✓	B134	✓	✓
B38	✓	✓	B79	✓	✓	B136	✓	✓
B39	✓	✓	B80	✓	✓	B138	✓	✓
B40	✓	✓	B81	✓	✓	B140	✓	✓
B41	✓	✓	B82	✓	✓	B144	✓	✓
B42	✓	✓	B83	✓	✓	B148	✓	✓
B43	✓	✓	B84	✓	✓	B150	✓	✓
B44	✓	✓	B85	✓	✓	B152	✓	✓
B45	✓	✓	B86	✓	✓	B154	✓	✓
B46	✓	✓	B87	✓	✓	B158	✓	✓
B47	✓	✓	B88	✓	✓	B162	✓	✓
B48	✓	✓	B89	✓	✓	B168	✓	✓
B49	✓	✓	B90	✓	✓	B173	✓	✓
B50	✓	✓	B91	✓	✓	B180	✓	✓
B51	✓	✓	B92	✓	✓	B195	✓	✓
B52	✓	✓	B93	✓	✓	B204	✓	✓
B53	✓	✓	B94	✓	✓	B210	✓	✓
B54	✓	✓	B95	✓	✓	B220	✓	✓
B55	✓	✓	B96	✓	✓	B238	-	✓
B56	✓	✓	B97	✓	✓			
B57	✓	✓	B98	✓	✓			
B58	✓	✓	B100	✓	✓			
B59	✓	✓	B102	✓	✓			
B60	✓	✓	B103	✓	✓			
B61	✓	✓	B104	✓	✓			
B62	✓	✓	B105	✓	✓			
B63	✓	✓	B106	✓	✓			
B64	✓	✓	B108	✓	✓			
B65	✓	✓	B110	✓	✓			
B66	✓	✓	B111	-	✓			
B67	✓	✓	B112	✓	✓			
B68	✓	✓	B114	✓	✓			

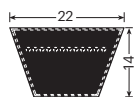
Mass/Unit Length	
Section kg/m	kg/m
Z	0.055
A	0.094
B	0.163
Pitch to Inner Lengths	
Section	Calculation
Z	Li = Lp - 26
A	Li = Lp - 34
B	Li = Lp - 45
Working Temperatures	
-40 to +70°C	

Note: Belt designation length is inside length in inches.

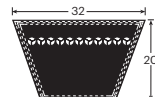
Lp = Pitch Length

Li = Inside Length

Fenner® Classic V Belts Chart



C Section



D Section

C Belt Designation	Classic Ultra+	Classic	CA Belt Designation	Classic Ultra+	Classic
C49	✓	✓	C136	✓	✓
C51	✓	✓	C138	-	✓
C55	✓	✓	C140	✓	✓
C56	✓	✓	C142	-	✓
C58	✓	✓	C144	✓	✓
C59	✓	✓	C146	✓	✓
C60	✓	✓	C150	✓	✓
C63	✓	✓	C152	✓	✓
C65	✓	✓	C154	✓	✓
C67	✓	✓	C158	✓	✓
C68	✓	✓	C162	✓	✓
C70	✓	✓	C164	✓	✓
C71	✓	✓	C168	✓	✓
C72	✓	✓	C173	✓	✓
C75	✓	✓	C175	-	✓
C77	✓	✓	C179	-	✓
C78	✓	✓	C180	✓	✓
C80	✓	✓	C185	✓	✓
C81	✓	✓	C186	-	-
C83	✓	✓	C190	-	✓
C84	✓	✓	C195	✓	✓
C85	✓	✓	C200	-	-
C87	✓	✓	C204	✓	✓
C90	✓	✓	C210	✓	✓
C93	✓	✓	C220	-	✓
C94	✓	-	C223	-	-
C96	✓	✓	C228	-	✓
C97	✓	✓	C238	✓	✓
C98	✓	-	C240	✓	✓
C100	✓	✓	C248	-	✓
C102	-	✓	C258	-	-
C104	✓	✓	C260	-	-
C105	✓	✓	C268	✓	✓
C108	✓	✓	C270	✓	✓
C110	✓	✓	C278	-	-
C111	-	-	C297	-	-
C112	✓	✓	C298	-	✓
C114	✓	✓	C314	-	-
C116	✓	✓	C328	-	✓
C119	-	-	C356	-	-
C120	✓	✓	C358	-	✓
C124	✓	✓	C382	-	-
C128	✓	✓	C418	-	-
C130	✓	✓	C419	-	-
C134	-	✓	C444	-	-

C Belt Designation	Classic Ultra+	Classic
D105	-	✓
D120	✓	✓
D128	✓	✓
D144	✓	✓
D158	✓	✓
D162	✓	✓
D173	✓	✓
D179	-	✓
D180	✓	✓
D195	✓	✓
D204	✓	✓
D210	✓	✓
D225	-	✓
D228	-	-
D237	-	-
D238	-	-
D240	✓	✓
D266	-	-
D268	-	✓
D270	✓	✓
D297	-	-
D298	-	-
D300	✓	✓
D314	-	✓
D328	-	✓
D357	-	-
D358	-	✓
D384	-	-
D390	✓	✓
D418	-	-
D478	-	-
D538	-	-

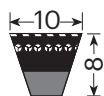
Mass/Unit Length	
Section kg/m	kg/m
C	0.284
D	0.560
Pitch to Inner Lengths	
Section	Calculation
C	Li = Lp - 58
D	Li = Lp - 85
Working Temperatures	
-40 to +70°C	

Note: Belt designation length is inside length in inches.

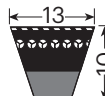
Lp = Pitch Length

Li = Inside Length

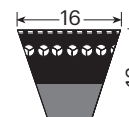
Fenner® CRE Wedge Belts Chart

**SPZX**

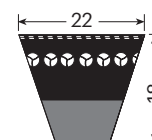
SPZX630	SPZX1470
SPZX670	SPZX1500
SPZX710	SPZX1520
SPZX750	SPZX1560
SPZX760	SPZX1587
SPZX800	SPZX1600
SPZX850	SPZX1650
SPZX900	SPZX1700
SPZX937	SPZX1800
SPZX940	SPZX1850
SPZX950	SPZX1900
SPZX1000	SPZX2000
SPZX1010	SPZX2040
SPZX1060	SPZX2120
SPZX1077	SPZX2160
SPZX1080	SPZX2240
SPZX1120	SPZX2280
SPZX1137	SPZX2360
SPZX1140	SPZX2410
SPZX1180	SPZX2500
SPZX1200	SPZX2540
SPZX1250	SPZX2650
SPZX1270	SPZX2690
SPZX1320	SPZX2800
SPZX1337	SPZX2840
SPZX1340	SPZX3000
SPZX1360	SPZX3150
SPZX1400	SPZX3350
SPZX1420	SPZX3550
SPZX1450	SPZX3550
SPZX1462	

**SPAX**

SPAX800	SPAX1650
SPAX850	SPAX1700
SPAX900	SPAX1750
SPAX925	SPAX1800
SPAX950	SPAX1850
SPAX1000	SPAX1900
SPAX1060	SPAX1950
SPAX1090	SPAX2000
SPAX1120	SPAX2060
SPAX1180	SPAX2120
SPAX1207	SPAX2240
SPAX1250	SPAX2360
SPAX1280	SPAX2430
SPAX1320	SPAX2500
SPAX1382	SPAX2650
SPAX1400	SPAX2800
SPAX1450	SPAX3000
SPAX1500	SPAX3150
SPAX1532	SPAX3350
SPAX1550	SPAX3550
SPAX1600	

**SPBX**

SPBX1250	SPBX2240
SPBX1260	SPBX2280
SPBX1320	SPBX2360
SPBX1340	SPBX2410
SPBX1400	SPBX2500
SPBX1410	SPBX2530
SPBX1500	SPBX2650
SPBX1600	SPBX2680
SPBX1700	SPBX2800
SPBX1800	SPBX2840
SPBX1900	SPBX3000
SPBX2000	SPBX3150
SPBX2020	SPBX3350
SPBX2120	SPBX3550
SPBX2150	

**SPCX**

SPCX2000	SPCX3550
SPCX2120	SPCX3750
SPCX2240	SPCX4000
SPCX2360	SPCX4060
SPCX2500	SPCX4250
SPCX2650	SPCX4310
SPCX2800	SPCX4500
SPCX3000	SPCX4750
SPCX3150	SPCX5000
SPCX3150	

DATA AND CALCULATIONS FOR ALL WEDGE BELTS

Mass/Unit Length	
Section	kg/m
SPZ	0.07
SPA	0.12
SPB	0.19
SPC	0.32
8V	0.54
SPZX	0.06
SPAX	0.11
SPBX	0.18

Pitch to Inner Lengths	
Section	Calculation
SPZ	$Li = Lp - 37$
SPA	$Li = Lp - 45$
SPB	$Li = Lp - 60$
SPC	$Li = Lp - 90$
8V	$Li = Lp - 120$
SPZX	$Li = Lp - 38$
SPAX	$Li = Lp - 44$
SPBX	$Li = Lp - 58$

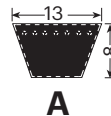
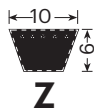
Pitch to Outer Lengths	
Section	Calculation
SPZ	$Lo = Lp + 13$
SPA	$Lo = Lp + 18$
SPB	$Lo = Lp + 22$
SPC	$Lo = Lp + 30$

Lp = Pitch Length
 Lo = Outside Length
 Li = Inside Length

Working Temperatures	
-40 to +70°C	

Fenner® Classic  V-Belts have specially treated jackets to give superior anti-static, heat and oil resistant properties. All Fenner® Classic V-Belts are static conductive to **ISO 1813** and conform to the anti-static specifications of the American Petroleum Institute (API).

ISO 4184 - DIN 2215 - BS 3790 - RMA IP20



BELT DESIGNATION		
Z (M) Classic Belt Part No.	Z (M) Ultra Plus Belt Part No.	Inside Length Li
M18FEN #	Z18ULTRA+	18
M19FEN #	Z19ULTRA+	19
M20FEN	Z20ULTRA+	20
M21FEN	Z21ULTRA+	21
M22FEN	Z22ULTRA+	22
M23FEN	Z23ULTRA+	23
M24FEN	Z24ULTRA+	24
M25FEN #	Z25ULTRA+	25
M26FEN	Z26ULTRA+	26
M27FEN #	Z27ULTRA+	27
M28FEN #	Z28ULTRA+	28
M29FEN	Z29ULTRA+	29
M30FEN	Z30ULTRA+	30
M31FEN #	Z31ULTRA+	31
M32FEN	Z32ULTRA+	32
M33FEN #	Z33ULTRA+	33
M34FEN	Z34ULTRA+	34
M35FEN	Z35ULTRA+	35
M36FEN #	Z36ULTRA+	36
M37FEN	Z37ULTRA+	37
M38FEN	Z38ULTRA+	38
M39FEN #	Z39ULTRA+	39
M40FEN #	Z40ULTRA+	40
M41FEN #	Z41ULTRA+	41
M42FEN	Z42ULTRA+	42
M43FEN	Z43ULTRA+	43
M44FEN #	Z44ULTRA+	44
M45FEN #	Z45ULTRA+	45
M46FEN #	Z46ULTRA+	46
M47FEN #	Z47ULTRA+	47
M48FEN #	Z48ULTRA+	48
M50FEN #	Z50ULTRA+	50
M51FEN #	Z51ULTRA+	51
M52FEN #	Z52ULTRA+	52
M54FEN #	Z54ULTRA+	54
M55FEN #	Z55ULTRA+	55
M56FEN #	Z56ULTRA+	56
M57FEN #	Z57ULTRA+	57
M59FEN #	Z59ULTRA+	59
M60FEN #	Z60ULTRA+	60
M72FEN #	Z72ULTRA+	72

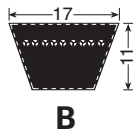
BELT DESIGNATION			BELT DESIGNATION		
A Classic Belt Part No.	A Ultra Plus Belt Part No.	Inside Length Li	A Classic Belt Part No.	A Ultra Plus Belt Part No.	Inside Length Li
A20FEN	A20ULTRA+	20	A69FEN	A69ULTRA+	69
A21FEN	A21ULTRA+	21	A70FEN	A70ULTRA+	70
A22FEN	A22ULTRA+	22	A71FEN	A71ULTRA+	71
A23FEN	A23ULTRA+	23	A72FEN	A72ULTRA+	72
A24FEN	A24ULTRA+	24	A73FEN	A73ULTRA+	73
A25FEN	A25ULTRA+	25	A74FEN	A74ULTRA+	74
A26FEN	A26ULTRA+	26	A75FEN	A75ULTRA+	75
A27FEN	A27ULTRA+	27	A76FEN	A76ULTRA+	76
A28FEN	A28ULTRA+	28	A77FEN	A77ULTRA+	77
A29FEN	A29ULTRA+	29	A78FEN	A78ULTRA+	78
A30FEN	A30ULTRA+	30	A79FEN	A79ULTRA+	79
A31FEN	A31ULTRA+	31	A80FEN	A80ULTRA+	80
A32FEN	A32ULTRA+	32	A81FEN	A81ULTRA+	81
A33FEN	A33ULTRA+	33	A82FEN	A82ULTRA+	82
A34FEN	A34ULTRA+	34	A83FEN	A83ULTRA+	83
A35FEN	A35ULTRA+	35	A84FEN	A84ULTRA+	84
A36FEN	A36ULTRA+	36	A85FEN	A85ULTRA+	85
A37FEN	A37ULTRA+	37	A86FEN	A86ULTRA+	86
A38FEN	A38ULTRA+	38	A87FEN	A87ULTRA+	87
A39FEN	A39ULTRA+	39	A88FEN	A88ULTRA+	88
A40FEN	A40ULTRA+	40	A89FEN	A89ULTRA+	89
A41FEN	A41ULTRA+	41	A90FEN	A90ULTRA+	90
A42FEN	A42ULTRA+	42	A91FEN	A91ULTRA+	91
A43FEN	A43ULTRA+	43	A92FEN	A92ULTRA+	92
A44FEN	A44ULTRA+	44	A93FEN	A93ULTRA+	93
A45FEN	A45ULTRA+	45	A94FEN	A94ULTRA+	94
A46FEN	A46ULTRA+	46	A95FEN	A95ULTRA+	95
A47FEN	A47ULTRA+	47	A96FEN	A96ULTRA+	96
A48FEN	A48ULTRA+	48	A97FEN	A97ULTRA+	97
A49FEN	A49ULTRA+	49	A100FEN	A100ULTRA+	100
A50FEN	A50ULTRA+	50	A102FEN	A102ULTRA+	102
A51FEN	A51ULTRA+	51	A103FEN	A103ULTRA+	103
A52FEN	A52ULTRA+	52	A104FEN	A104ULTRA+	104
A53FEN	A53ULTRA+	53	A105FEN	A105ULTRA+	105
A54FEN	A54ULTRA+	54	A107FEN	A107ULTRA+	107
A55FEN	A55ULTRA+	55	A108FEN	A108ULTRA+	108
A56FEN	A56ULTRA+	56	A110FEN	A110ULTRA+	110
A57FEN	A57ULTRA+	57	A112FEN	A112ULTRA+	112
A58FEN	A58ULTRA+	58	A113FEN	A113ULTRA+ #	113
A59FEN	A59ULTRA+	59	A115FEN	A115ULTRA+	115
A60FEN	A60ULTRA+	60	A116FEN	A116ULTRA+	116
A61FEN	A61ULTRA+	61	A120FEN	A120ULTRA+	120
A62FEN	A62ULTRA+	62	A124FEN	A124ULTRA+	124
A63FEN	A63ULTRA+	63	A128FEN	A128ULTRA+	128
A64FEN	A64ULTRA+	64	A134FEN	A134ULTRA+	134
A65FEN	A65ULTRA+	65	A136FEN	A136ULTRA+	136
A66FEN	A66ULTRA+	66	A138FEN	A138ULTRA+	138
A67FEN	A67ULTRA+	67	A144FEN	A144ULTRA+	144
A68FEN	A68ULTRA+	68	A154FEN	A154ULTRA+	154

Section dimensions in mm.
Inside length (Li) is shown in inches.

Item available on request

Fenner® Classic  V-Belts have specially treated jackets to give superior anti-static, heat and oil resistant properties. All Fenner® Classic V-Belts are static conductive to **ISO 1813** and conform to the anti-static specifications of the American Petroleum Institute (API).

ISO 4184 - DIN 2215 - BS 3790 - RMA IP20



BELT DESIGNATION			BELT DESIGNATION			BELT DESIGNATION		
B Classic Belt Part No.	B Ultra Plus Belt Part No.	Inside Length Li	B Classic Belt Part No.	B Ultra Plus Belt Part No.	Inside Length Li	B Classic Belt Part No.	B Ultra Plus Belt Part No.	Inside Length Li
B26FEN	B26ULTRA+	26	B66FEN	B66ULTRA+	66	B106FEN	B106ULTRA+	106
B28FEN	B28ULTRA+	28	B67FEN	B67ULTRA+	67	B108FEN	B108ULTRA+	108
B30FEN	B30ULTRA+	30	B68FEN	B68ULTRA+	68	B110FEN	B110ULTRA+	110
B31FEN	B31ULTRA+	31	B69FEN	B69ULTRA+	69	B111FEN	B111ULTRA+ #	111
B32FEN	B32ULTRA+	32	B70FEN	B70ULTRA+	70	B112FEN	B112ULTRA+	112
B33FEN	B33ULTRA+	33	B71FEN	B71ULTRA+	71	B114FEN	B114ULTRA+	114
B34FEN	B34ULTRA+	34	B72FEN	B72ULTRA+	72	B116FEN	B116ULTRA+	116
B35FEN	B35ULTRA+	35	B73FEN	B73ULTRA+	73	B118FEN	B118ULTRA+	118
B36FEN	B36ULTRA+	36	B74FEN	B74ULTRA+	74	B120FEN	B120ULTRA+	120
B37FEN	B37ULTRA+	37	B75FEN	B75ULTRA+	75	B122FEN	B122ULTRA+ #	122
B38FEN	B38ULTRA+	38	B76FEN	B76ULTRA+	76	B124FEN	B124ULTRA+	124
B39FEN	B39ULTRA+	39	B77FEN	B77ULTRA+	77	B126FEN	B126ULTRA+	126
B40FEN	B40ULTRA+	40	B78FEN	B78ULTRA+	78	B128FEN	B128ULTRA+	128
B41FEN	B41ULTRA+	41	B79FEN	B79ULTRA+	79	B130FEN	B130ULTRA+	130
B42FEN	B42ULTRA+	42	B80FEN	B80ULTRA+	80	B132FEN	B132ULTRA+	132
B43FEN	B43ULTRA+	43	B81FEN	B81ULTRA+	81	B134FEN	B134ULTRA+	134
B44FEN	B44ULTRA+	44	B82FEN	B82ULTRA+	82	B136FEN	B136ULTRA+	136
B45FEN	B45ULTRA+	45	B83FEN	B83ULTRA+	83	B138FEN	B138ULTRA+	138
B46FEN	B46ULTRA+	46	B84FEN	B84ULTRA+	84	B140FEN	B140ULTRA+	140
B47FEN	B47ULTRA+	47	B85FEN	B85ULTRA+	85	B144FEN	B144ULTRA+	144
B48FEN	B48ULTRA+	48	B86FEN	B86ULTRA+	86	B148FEN	B148ULTRA+	148
B49FEN	B49ULTRA+	49	B87FEN	B87ULTRA+	87	B150FEN	B150ULTRA+	150
B50FEN	B50ULTRA+	50	B88FEN	B88ULTRA+	88	B151FEN #	B151ULTRA+ #	151
B51FEN	B51ULTRA+	51	B89FEN	B89ULTRA+	89	B152FEN	B152ULTRA+	152
B52FEN	B52ULTRA+	52	B90FEN	B90ULTRA+	90	B154FEN	B154ULTRA+	154
B53FEN	B53ULTRA+	53	B91FEN	B91ULTRA+	91	B158FEN	B158ULTRA+	158
B54FEN	B54ULTRA+	54	B92FEN	B92ULTRA+	92	B162FEN	B162ULTRA+	162
B55FEN	B55ULTRA+	55	B93FEN	B93ULTRA+	93	B168FEN	B168ULTRA+	168
B56FEN	B56ULTRA+	56	B94FEN	B94ULTRA+	94	B173FEN	B173ULTRA+	173
B57FEN	B57ULTRA+	57	B95FEN	B95ULTRA+	95	B180FEN	B180ULTRA+	180
B58FEN	B58ULTRA+	58	B96FEN	B96ULTRA+	96	B185FEN #	B185ULTRA+ #	185
B59FEN	B59ULTRA+	59	B97FEN	B97ULTRA+	97	B195FEN	B195ULTRA+	195
B60FEN	B60ULTRA+	60	B98FEN	B98ULTRA+	98	B204FEN	B204ULTRA+	204
B61FEN	B61ULTRA+	61	B100FEN	B100ULTRA+	100	B210FEN	B210ULTRA+	210
B62FEN	B62ULTRA+	62	B102FEN	B102ULTRA+	102	B218FEN #	B218ULTRA+ #	218
B63FEN	B63ULTRA+	63	B103FEN	B103ULTRA+	103	B220FEN	B220ULTRA+	220
B64FEN	B64ULTRA+	64	B104FEN	B104ULTRA+	104	B238FEN	B238ULTRA+	238
B65FEN	B65ULTRA+	65	B105FEN	B105ULTRA+	105			

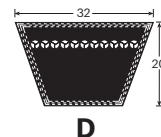
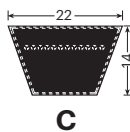
Section dimensions in mm. Inside length (Li) is shown in inches.

Mass Per Unit Length kg/m		DATA FOR ALL VEE BELTS		WORKING TEMPERATURES
Belt Section	Standard Belt	Metric belt designation denotes pitch length in mm		Fenner V-belts perform satisfactorily within the ambient temperature range -40 to 70°C.
Z (M)	0.055	Z (M)	Li = Lp - 25mm	
A	0.094	A	Li = Lp - 34mm	
B	0.163	B	Li = Lp - 45mm	
C	0.284	C	Li = Lp - 58mm	
D	0.56	D	Li = Lp - 85mm	
		Li	= inside length	
		Lp	= pitch length	

Item available on request

Fenner® Classic  V-Belts have specially treated jackets to give superior anti-static, heat and oil resistant properties. All Fenner® Classic V-Belts are static conductive to **ISO 1813** and conform to the anti-static specifications of the American Petroleum Institute (API).

ISO 4184 - DIN 2215 - BS 3790 - RMA IP20



BELT DESIGNATION			BELT DESIGNATION		
C Classic Belt Part No.	C Ultra Plus Belt Part No.	Inside Length Li	C Classic Belt Part No.	C Ultra Plus Belt Part No.	Inside Length Li
C49FEN	C49ULTRA+	49	C136FEN	C136ULTRA+	136
C51FEN	C51ULTRA+	51	C138FEN	C138ULTRA+ #	138
C55FEN	C55ULTRA+	55	C140FEN	C140ULTRA+	140
C56FEN	C56ULTRA+	56	C142FEN	C142ULTRA+ #	142
C58FEN	C58ULTRA+	58	C144FEN	C144ULTRA+	144
C59FEN	C59ULTRA+	59	C146FEN	C146ULTRA+	146
C60FEN	C60ULTRA+	60	C150FEN	C150ULTRA+	150
C63FEN	C63ULTRA+	63	C152FEN	C152ULTRA+	152
C65FEN	C65ULTRA+	65	C154FEN	C154ULTRA+	154
C67FEN	C67ULTRA+	67	C158FEN	C158ULTRA+	158
C68FEN	C68ULTRA+	68	C162FEN	C162ULTRA+	162
C70FEN	C70ULTRA+	70	C164FEN	C164ULTRA+	164
C71FEN	C71ULTRA+	71	C168FEN	C168ULTRA+	168
C72FEN	C72ULTRA+	72	C173FEN	C173ULTRA+	173
C75FEN	C75ULTRA+	75	C175FEN	C175ULTRA+ #	175
C77FEN	C77ULTRA+	77	C179FEN	C179ULTRA+ #	179
C78FEN	C78ULTRA+	78	C180FEN	C180ULTRA+	180
C80FEN	C80ULTRA+	80	C185FEN	C185ULTRA+	185
C81FEN	C81ULTRA+	81	C186FEN #	C186ULTRA+ #	186
C83FEN	C83ULTRA+	83	C190FEN	C190ULTRA+ #	190
C84FEN	C84ULTRA+	84	C195FEN	C195ULTRA+	195
C85FEN	C85ULTRA+	85	C200FEN #	C200ULTRA+ #	200
C87FEN	C87ULTRA+	87	C204FEN	C204ULTRA+	204
C90FEN	C90ULTRA+	90	C210FEN	C210ULTRA+	210
C93FEN	C93ULTRA+	93	C220FEN	C220ULTRA+ #	220
C94FEN	C94ULTRA+	94	C223FEN #	C223ULTRA+ #	223
C96FEN	C96ULTRA+	96	C228FEN	C228ULTRA+ #	228
C97FEN	C97ULTRA+	97	C238FEN	C238ULTRA+	238
C98FEN #	C98ULTRA+	98	C240FEN	C240ULTRA+	240
C100FEN	C100ULTRA+	100	C248FEN	C248ULTRA+ #	248
C102FEN	C102ULTRA+ #	102	C258FEN #	C258ULTRA+ #	258
C104FEN	C104ULTRA+	104	C260FEN #	C260ULTRA+ #	260
C105FEN	C105ULTRA+	105	C268FEN	C268ULTRA+	268
C108FEN	C108ULTRA+	108	C270FEN	C270ULTRA+	270
C110FEN	C110ULTRA+	110	C278FEN #	C278ULTRA+ #	278
C111FEN #	C111ULTRA+ #	111	C297FEN #	C297ULTRA+ #	297
C112FEN	C112ULTRA+	112	C298FEN	C298ULTRA+ #	298
C114FEN	C114ULTRA+	114	C314FEN #	C314ULTRA+ #	314
C116FEN	C116ULTRA+	116	C328FEN	C328ULTRA+ #	328
C119FEN #	C119ULTRA+ #	119	C356FEN #	C356ULTRA+ #	356
C120FEN	C120ULTRA+	120	C358FEN	C358ULTRA+ #	358
C124FEN	C124ULTRA+	124	C382FEN #	C382ULTRA+ #	382
C128FEN	C128ULTRA+	128	C418FEN #	C418ULTRA+ #	418
C130FEN	C130ULTRA+	130	C419FEN #	C419ULTRA+ #	419
C134FEN	C134ULTRA+ #	134	C444FEN #	C444ULTRA+ #	444

BELT DESIGNATION		
D Classic Belt Part No.	D Ultra Plus Belt Part No.	Inside Length Li
D105FEN	D105ULTRA+	105
D120FEN	D120ULTRA+	120
D128FEN	D128ULTRA+	128
D144FEN	D144ULTRA+	144
D158FEN	D158ULTRA+	158
D162FEN	D162ULTRA+	162
D173FEN	D173ULTRA+	173
D179FEN	D179ULTRA+	179
D180FEN	D180ULTRA+	180
D195FEN	D195ULTRA+	195
D204FEN	D204ULTRA+	204
D210FEN	D210ULTRA+	210
D225FEN	D225ULTRA+	225
D228FEN	D228ULTRA+	228
D237FEN	D237ULTRA+	237
D238FEN	D238ULTRA+	238
D240FEN	D240ULTRA+	240
D266FEN	D266ULTRA+	266
D268FEN	D268ULTRA+	268
D270FEN	D270ULTRA+	270
D297FEN	D297ULTRA+	297
D298FEN	D298ULTRA+	298
D300FEN	D300ULTRA+	300
D314FEN	D314ULTRA+	314
D328FEN	D328ULTRA+	328
D357FEN	D357ULTRA+	357
D358FEN	D358ULTRA+	358
D384FEN	D384ULTRA+	384
D390FEN	D390ULTRA+	390
D418FEN	D418ULTRA+	418
D478FEN	D478ULTRA+	478
D538FEN	D538ULTRA+	538

Mass Per Unit Length kg/m	
Belt Section	Standard Belt
C	0.284
D	0.56

DATA FOR ALL VEE BELTS	
Metric belt designation denotes pitch length in mm	
C	Li = Lp - 58mm
D	Li = Lp - 85mm
Li	= inside length
Lp	= pitch length

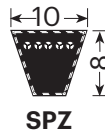
WORKING TEMPERATURES
Fenner V-belts perform satisfactorily within the ambient temperature range -40 to 70°C.

Inside length (Li) is shown in inches.
These lengths may not be available from stock.
Consult your local Motion Store for non-listed belt lengths.

Item available on request

In addition to their precision-built qualities, Fenner® Ultra PLUS wedge belts have superior anti-static and oil resistant properties. All Fenner® Ultra PLUS wedge belts are static conductive to the ISO 1813 standard and conform to the anti-static specifications of the American Petroleum Institute (API) for similar belts. They will not readily self-ignite under severe slip/stall conditions, subject to maximum surface temperature limitations.

ISO 4184 – DIN 7753 – BS 3790 – RMA IP22



BELT DESIGNATION			BELT DESIGNATION			BELT DESIGNATION		
SPZ Wedge Belt Part No.	SPZ Ultra Plus Belt Part No.	Pitch Length	SPZ Wedge Belt Part No.	SPZ Ultra Plus Belt Part No.	Pitch Length	SPZ Wedge Belt Part No.	SPZ Ultra Plus Belt Part No.	Pitch Length
SPZ487FEN #	SPZ487ULTRA+ #	487	SPZ1112FEN #	SPZ1112ULTRA+	1112	SPZ1762FEN #	SPZ1762ULTRA+ #	1762
SPZ512FEN #	SPZ512ULTRA+ #	512	SPZ1120FEN	SPZ1120ULTRA+	1120	SPZ1787FEN #	SPZ1787ULTRA+	1787
SPZ562FEN #	SPZ562ULTRA+ #	562	SPZ1140FEN	SPZ1140ULTRA+	1140	SPZ1800FEN	SPZ1800ULTRA+	1800
SPZ587FEN #	SPZ587ULTRA+ #	587	SPZ1162FEN #	SPZ1162ULTRA+ #	1162	SPZ1812FEN #	SPZ1812ULTRA+ #	1812
SPZ612FEN #	SPZ612ULTRA+ #	612	SPZ1180FEN	SPZ1180ULTRA+	1180	SPZ1837FEN #	SPZ1837ULTRA+	1837
SPZ630FEN	SPZ630ULTRA+	630	SPZ1187FEN #	SPZ1187ULTRA+ #	1187	SPZ1850FEN	SPZ1850ULTRA+	1850
SPZ637FEN #	SPZ637ULTRA+ #	637	SPZ1200FEN	SPZ1200ULTRA+	1200	SPZ1862FEN	SPZ1862ULTRA+	1862
SPZ662FEN #	SPZ662ULTRA+ #	662	SPZ1212FEN #	SPZ1212ULTRA+	1212	SPZ1887FEN #	SPZ1887ULTRA+ #	1887
SPZ670FEN	SPZ670ULTRA+	670	SPZ1237FEN #	SPZ1237ULTRA+	1237	SPZ1900FEN	SPZ1900ULTRA+	1900
SPZ687FEN #	SPZ687ULTRA+ #	687	SPZ1250FEN	SPZ1250ULTRA+	1250	SPZ1937FEN #	SPZ1937ULTRA+	1937
SPZ710FEN	SPZ710ULTRA+	710	SPZ1262FEN	SPZ1262ULTRA+ #	1262	SPZ1987FEN #	SPZ1987ULTRA+ #	1987
SPZ722FEN #	SPZ722ULTRA+ #	722	SPZ1270FEN	SPZ1270ULTRA+	1270	SPZ2000FEN	SPZ2000ULTRA+	2000
SPZ737FEN #	SPZ737ULTRA+ #	737	SPZ1287FEN #	SPZ1287ULTRA+	1287	SPZ2030FEN	SPZ2030ULTRA+	2030
SPZ750FEN	SPZ750ULTRA+	750	SPZ1312FEN #	SPZ1312ULTRA+ #	1312	SPZ2037FEN #	SPZ2037ULTRA+ #	2037
SPZ760FEN	SPZ760ULTRA+	760	SPZ1320FEN	SPZ1320ULTRA+	1320	SPZ2120FEN	SPZ2120ULTRA+	2120
SPZ772FEN #	SPZ772ULTRA+ #	772	SPZ1340FEN	SPZ1340ULTRA+	1340	SPZ2137FEN #	SPZ2137ULTRA+	2137
SPZ787FEN #	SPZ787ULTRA+ #	787	SPZ1347FEN #	SPZ1347ULTRA+ #	1347	SPZ2160FEN	SPZ2160ULTRA+	2160
SPZ800FEN	SPZ800ULTRA+	800	SPZ1362FEN #	SPZ1362ULTRA+	1362	SPZ2187FEN #	SPZ2187ULTRA+ #	2187
SPZ812FEN #	SPZ812ULTRA+ #	812	SPZ1387FEN #	SPZ1387ULTRA+ #	1387	SPZ2240FEN	SPZ2240ULTRA+	2240
SPZ825FEN #	SPZ825ULTRA+	825	SPZ1400FEN	SPZ1400ULTRA+	1400	SPZ2262FEN #	SPZ2262ULTRA+ #	2262
SPZ837FEN #	SPZ837ULTRA+ #	837	SPZ1412FEN #	SPZ1412ULTRA+ #	1412	SPZ2280FEN	SPZ2280ULTRA+	2280
SPZ850FEN	SPZ850ULTRA+	850	SPZ1420FEN	SPZ1420ULTRA+	1420	SPZ2287FEN #	SPZ2287ULTRA+	2287
SPZ862FEN #	SPZ862ULTRA+ #	862	SPZ1437FEN #	SPZ1437ULTRA+	1437	SPZ2360FEN	SPZ2360ULTRA+	2360
SPZ875FEN	SPZ875ULTRA+	875	SPZ1462FEN #	SPZ1462ULTRA+	1462	SPZ2410FEN	SPZ2410ULTRA+	2410
SPZ887FEN #	SPZ887ULTRA+ #	887	SPZ1470FEN	SPZ1470ULTRA+	1470	SPZ2500FEN	SPZ2500ULTRA+	2500
SPZ900FEN	SPZ900ULTRA+	900	SPZ1487FEN #	SPZ1487ULTRA+	1487	SPZ2540FEN	SPZ2540ULTRA+	2540
SPZ912FEN #	SPZ912ULTRA+ #	912	SPZ1500FEN	SPZ1500ULTRA+	1500	SPZ2650FEN	SPZ2650ULTRA+	2650
SPZ925FEN #	SPZ925ULTRA+	925	SPZ1512FEN #	SPZ1512ULTRA+	1512	SPZ2690FEN	SPZ2690ULTRA+	2690
SPZ940FEN	SPZ940ULTRA+ #	940	SPZ1520FEN	SPZ1520ULTRA+	1520	SPZ2800FEN	SPZ2800ULTRA+	2800
SPZ950FEN	SPZ950ULTRA+	950	SPZ1537FEN #	SPZ1537ULTRA+	1537	SPZ2840FEN	SPZ2840ULTRA+	2840
SPZ962FEN #	SPZ962ULTRA+ #	962	SPZ1560FEN	SPZ1560ULTRA+	1560	SPZ3000FEN	SPZ3000ULTRA+	3000
SPZ987FEN #	SPZ987ULTRA+ #	987	SPZ1587FEN #	SPZ1587ULTRA+	1587	SPZ3150FEN	SPZ3150ULTRA+ #	3150
SPZ1000FEN	SPZ1000ULTRA+	1000	SPZ1600FEN	SPZ1600ULTRA+	1600	SPZ3170FEN	SPZ3170ULTRA+	3170
SPZ1010FEN	SPZ1010ULTRA+	1010	SPZ1612FEN #	SPZ1612ULTRA+ #	1612	SPZ3350FEN	SPZ3350ULTRA+	3350
SPZ1024FEN #	SPZ1024ULTRA+ #	1024	SPZ1637FEN #	SPZ1637ULTRA+	1637	SPZ3550FEN	SPZ3550ULTRA+	3550
SPZ1037FEN #	SPZ1037ULTRA+	1037	SPZ1650FEN	SPZ1650ULTRA+	1650			
SPZ1047FEN #	SPZ1047ULTRA+	1047	SPZ1662FEN #	SPZ1662ULTRA+	1662			
SPZ1060FEN	SPZ1060ULTRA+	1060	SPZ1687FEN #	SPZ1687ULTRA+ #	1687			
SPZ1080FEN	SPZ1080ULTRA+	1080	SPZ1700FEN	SPZ1700ULTRA+	1700			
SPZ1087FEN #	SPZ1087ULTRA+	1087	SPZ1737FEN #	SPZ1737ULTRA+ #	1737			

Section dimensions in millimetres.

Metric designations show pitch length in mm.

Note: The ISO 4184 standard now refers to 'datum' lengths, which are essentially the same as 'pitch' lengths.

These lengths may not be available from stock.

Item available on request

In addition to their precision-built qualities, Fenner® Ultra PLUS wedge belts have superior anti-static and oil resistant properties. All Fenner® Ultra PLUS wedge belts are static conductive to the ISO 1813 standard and conform to the anti-static specifications of the American Petroleum Institute (API) for similar belts. They will not readily self-ignite under severe slip/stall conditions, subject to maximum surface temperature limitations.

ISO 4184 – DIN 7753 – BS 3790 – RMA IP22



BELT DESIGNATION			BELT DESIGNATION			BELT DESIGNATION		
SPA Wedge Belt Part No.	SPA Ultra Plus Belt Part No.	Pitch Length	SPA Wedge Belt Part No.	SPA Ultra Plus Belt Part No.	Pitch Length	SPA Wedge Belt Part No.	SPA Ultra Plus Belt Part No.	Pitch Length
SPA732FEN	SPA732ULTRA+ #	732	SPA1382FEN #	SPA1382ULTRA+ #	1382	SPA2132FEN #	SPA2132ULTRA+ #	2132
SPA757FEN #	SPA757ULTRA+ #	757	SPA1400FEN	SPA1400ULTRA+	1400	SPA2180FEN	SPA2180ULTRA+	2180
SPA782FEN #	SPA782ULTRA+ #	782	SPA1407FEN #	SPA1407ULTRA+ #	1407	SPA2207FEN #	SPA2207ULTRA+ #	2207
SPA800FEN	SPA800ULTRA+	800	SPA1432FEN #	SPA1432ULTRA+	1432	SPA2232FEN #	SPA2232ULTRA+ #	2232
SPA807FEN #	SPA807ULTRA+ #	807	SPA1450FEN	SPA1450ULTRA+	1450	SPA2240FEN	SPA2240ULTRA+	2240
SPA825FEN	SPA825ULTRA+ #	825	SPA1457FEN #	SPA1457ULTRA+ #	1457	SPA2282FEN #	SPA2282ULTRA+ #	2282
SPA832FEN #	SPA832ULTRA+ #	832	SPA1482FEN	SPA1482ULTRA+ #	1482	SPA2300FEN	SPA2300ULTRA+	2300
SPA850FEN	SPA850ULTRA+	850	SPA1500FEN	SPA1500ULTRA+	1500	SPA2307FEN #	SPA2307ULTRA+ #	2307
SPA857FEN #	SPA857ULTRA+ #	857	SPA1507FEN #	SPA1507ULTRA+ #	1507	SPA2332FEN #	SPA2332ULTRA+ #	2332
SPA875FEN	SPA875ULTRA+	875	SPA1532FEN #	SPA1532ULTRA+ #	1532	SPA2360FEN	SPA2360ULTRA+	2360
SPA882FEN #	SPA882ULTRA+ #	882	SPA1550FEN	SPA1550ULTRA+	1550	SPA2382FEN #	SPA2382ULTRA+ #	2382
SPA900FEN	SPA900ULTRA+	900	SPA1557FEN #	SPA1557ULTRA+ #	1557	SPA2430FEN	SPA2430ULTRA+ #	2430
SPA907FEN #	SPA907ULTRA+ #	907	SPA1582FEN #	SPA1582ULTRA+ #	1582	SPA2482FEN #	SPA2482ULTRA+ #	2482
SPA925FEN	SPA925ULTRA+	925	SPA1600FEN	SPA1600ULTRA+	1600	SPA2500FEN	SPA2500ULTRA+	2500
SPA932FEN #	SPA932ULTRA+ #	932	SPA1607FEN #	SPA1607ULTRA+ #	1607	SPA2532FEN #	SPA2532ULTRA+ #	2532
SPA950FEN	SPA950ULTRA+	950	SPA1632FEN	SPA1632ULTRA+ #	1632	SPA2580FEN	SPA2580ULTRA+ #	2580
SPA957FEN	SPA957ULTRA+ #	957	SPA1650FEN	SPA1650ULTRA+	1650	SPA2607FEN #	SPA2607ULTRA+ #	2607
SPA975FEN	SPA975ULTRA+ #	975	SPA1657FEN #	SPA1657ULTRA+ #	1657	SPA2632FEN #	SPA2632ULTRA+ #	2632
SPA982FEN #	SPA982ULTRA+ #	982	SPA1682FEN #	SPA1682ULTRA+ #	1682	SPA2650FEN	SPA2650ULTRA+	2650
SPA1000FEN	SPA1000ULTRA+	1000	SPA1700FEN	SPA1700ULTRA+	1700	SPA2682FEN #	SPA2682ULTRA+ #	2682
SPA1007FEN #	SPA1007ULTRA+ #	1007	SPA1707FEN #	SPA1707ULTRA+ #	1707	SPA2720FEN	SPA2720ULTRA+ #	2720
SPA1030FEN	SPA1030ULTRA+ #	1030	SPA1732FEN	SPA1732ULTRA+ #	1732	SPA2732FEN #	SPA2732ULTRA+	2732
SPA1060FEN	SPA1060ULTRA+	1060	SPA1750FEN	SPA1750ULTRA+	1750	SPA2782FEN #	SPA2782ULTRA+ #	2782
SPA1082FEN #	SPA1082ULTRA+ #	1082	SPA1757FEN #	SPA1757ULTRA+ #	1757	SPA2800FEN	SPA2800ULTRA+	2800
SPA1090FEN	SPA1090ULTRA+	1090	SPA1782FEN #	SPA1782ULTRA+ #	1782	SPA2832FEN #	SPA2832ULTRA+	2832
SPA1107FEN #	SPA1107ULTRA+ #	1107	SPA1800FEN	SPA1800ULTRA+	1800	SPA2847FEN #	SPA2847ULTRA+ #	2847
SPA1120FEN	SPA1120ULTRA+	1120	SPA1807FEN #	SPA1807ULTRA+ #	1807	SPA2882FEN #	SPA2882ULTRA+ #	2882
SPA1132FEN	SPA1132ULTRA+ #	1132	SPA1832FEN	SPA1832ULTRA+ #	1832	SPA2900FEN	SPA2900ULTRA+ #	2900
SPA1150FEN	SPA1150ULTRA+	1150	SPA1850FEN	SPA1850ULTRA+	1850	SPA2932FEN #	SPA2932ULTRA+ #	2932
SPA1157FEN #	SPA1157ULTRA+ #	1157	SPA1857FEN #	SPA1857ULTRA+ #	1857	SPA2982FEN #	SPA2982ULTRA+ #	2982
SPA1180FEN	SPA1180ULTRA+	1180	SPA1882FEN #	SPA1882ULTRA+ #	1882	SPA3000FEN	SPA3000ULTRA+	3000
SPA1207FEN #	SPA1207ULTRA+ #	1207	SPA1900FEN	SPA1900ULTRA+	1900	SPA3032FEN #	SPA3032ULTRA+ #	3032
SPA1220FEN	SPA1220ULTRA+	1220	SPA1907FEN #	SPA1907ULTRA+ #	1907	SPA3082FEN #	SPA3082ULTRA+ #	3082
SPA1232FEN #	SPA1232ULTRA+ #	1232	SPA1932FEN #	SPA1932ULTRA+ #	1932	SPA3150FEN	SPA3150ULTRA+	3150
SPA1250FEN	SPA1250ULTRA+	1250	SPA1950FEN	SPA1950ULTRA+ #	1950	SPA3182FEN #	SPA3182ULTRA+	3182
SPA1257FEN #	SPA1257ULTRA+ #	1257	SPA1957FEN #	SPA1957ULTRA+	1957	SPA3282FEN #	SPA3282ULTRA+ #	3282
SPA1272FEN #	SPA1272ULTRA+ #	1272	SPA1982FEN #	SPA1982ULTRA+ #	1982	SPA3350FEN	SPA3350ULTRA+	3350
SPA1280FEN	SPA1280ULTRA+	1280	SPA2000FEN	SPA2000ULTRA+	2000	SPA3382FEN #	SPA3382ULTRA+ #	3382
SPA1307FEN	SPA1307ULTRA+ #	1307	SPA2032FEN #	SPA2032ULTRA+ #	2032	SPA3550FEN	SPA3550ULTRA+	3550
SPA1320FEN	SPA1320ULTRA+	1320	SPA2057FEN #	SPA2057ULTRA+ #	2057	SPA3750FEN	SPA3750ULTRA+	3750
SPA1332FEN #	SPA1332ULTRA+ #	1332	SPA2060FEN	SPA2060ULTRA+	2060	SPA4000FEN	SPA4000ULTRA+	4000
SPA1357FEN #	SPA1357ULTRA+	1357	SPA2082FEN #	SPA2082ULTRA+ #	2082	SPA4250FEN	SPA4250ULTRA+	4250
SPA1360FEN	SPA1360ULTRA+	1360	SPA2120FEN	SPA2120ULTRA+	2120	SPA4500FEN	SPA4500ULTRA+	4500

Section dimensions in millimetres.

Metric designations show pitch length in mm.

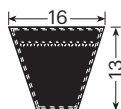
Note: The ISO 4184 standard now refers to 'datum' lengths, which are essentially the same as 'pitch' lengths.

These lengths may not be available from stock.

Item available on request

In addition to their precision-built qualities, Fenner® Ultra PLUS wedge belts have superior anti-static and oil resistant properties. All Fenner® Ultra PLUS wedge belts are static conductive to the ISO 1813 standard and conform to the anti-static specifications of the American Petroleum Institute (API) for similar belts. They will not readily self-ignite under severe slip/stall conditions, subject to maximum surface temperature limitations.

ISO 4184 – DIN 7753 – BS 3790 – RMA IP22



SPB

BELT DESIGNATION			BELT DESIGNATION		
SPB Wedge Belt Part No.	SPB Ultra Plus Belt Part No.	Pitch Length	SPB Wedge Belt Part No.	SPB Ultra Plus Belt Part No.	Pitch Length
SPB1250FEN	SPB1250ULTRA+	1250	SPB3150FEN	SPB3150ULTRA+	3150
SPB1260FEN	SPB1260ULTRA+	1260	SPB3170FEN	SPB3170ULTRA+	3170
SPB1320FEN	SPB1320ULTRA+	1320	SPB3250FEN	SPB3250ULTRA+	3250
SPB1340FEN	SPB1340ULTRA+	1340	SPB3350FEN	SPB3350ULTRA+	3350
SPB1400FEN	SPB1400ULTRA+	1400	SPB3450FEN #	SPB3450ULTRA+	3450
SPB1410FEN	SPB1410ULTRA+	1410	SPB3550FEN	SPB3550ULTRA+	3550
SPB1500FEN	SPB1500ULTRA+	1500	SPB3750FEN	SPB3750ULTRA+	3750
SPB1550FEN #	SPB1550ULTRA+	1550	SPB3800FEN	SPB3800ULTRA+	3800
SPB1600FEN	SPB1600ULTRA+	1600	SPB3870FEN	SPB3870ULTRA+	3870
SPB1670FEN #	SPB1670ULTRA+ #	1670	SPB4000FEN	SPB4000ULTRA+	4000
SPB1700FEN	SPB1700ULTRA+	1700	SPB4060FEN	SPB4060ULTRA+	4060
SPB1750FEN	SPB1750ULTRA+	1750	SPB4250FEN	SPB4250ULTRA+	4250
SPB1800FEN	SPB1800ULTRA+	1800	SPB4310FEN	SPB4310ULTRA+	4310
SPB1850FEN	SPB1850ULTRA+	1850	SPB4500FEN	SPB4500ULTRA+	4500
SPB1900FEN	SPB1900ULTRA+	1900	SPB4560FEN	SPB4560ULTRA+	4560
SPB1950FEN #	SPB1950ULTRA+	1950	SPB4750FEN	SPB4750ULTRA+	4750
SPB1980FEN #	SPB1980ULTRA+ #	1980	SPB4820FEN	SPB4820ULTRA+	4820
SPB2000FEN	SPB2000ULTRA+	2000	SPB5000FEN	SPB5000ULTRA+	5000
SPB2020FEN	SPB2020ULTRA+	2020	SPB5070FEN	SPB5070ULTRA+	5070
SPB2060FEN #	SPB2060ULTRA+	2060	SPB5300FEN	SPB5300ULTRA+	5300
SPB2120FEN	SPB2120ULTRA+	2120	SPB5380FEN	SPB5380ULTRA+	5380
SPB2150FEN	SPB2150ULTRA+	2150	SPB5600FEN	SPB5600ULTRA+ #	5600
SPB2240FEN	SPB2240ULTRA+	2240	SPB5680FEN	SPB5680ULTRA+ #	5680
SPB2280FEN	SPB2280ULTRA+	2280	SPB6000FEN	SPB6000ULTRA+	6000
SPB2360FEN	SPB2360ULTRA+	2360	SPB6300FEN	SPB6300ULTRA+ #	6300
SPB2410FEN	SPB2410ULTRA+	2410	SPB6340FEN	SPB6340ULTRA+ #	6340
SPB2450FEN #	SPB2450ULTRA+ #	2450	SPB6700FEN	SPB6700ULTRA+ #	6700
SPB2500FEN	SPB2500ULTRA+	2500	SPB7100FEN	SPB7100ULTRA+ #	7100
SPB2530FEN	SPB2530ULTRA+	2530	SPB7500FEN	SPB7500ULTRA+ #	7500
SPB2580FEN	SPB2580ULTRA+	2580	SPB9000FEN #	SPB9000ULTRA+	9000
SPB2650FEN	SPB2650ULTRA+	2650			
SPB2680FEN	SPB2680ULTRA+	2680			
SPB2720FEN #	SPB2720ULTRA+ #	2720			
SPB2800FEN	SPB2800ULTRA+	2800			
SPB2840FEN	SPB2840ULTRA+	2840			
SPB2900FEN #	SPB2900ULTRA+	2900			
SPB3000FEN	SPB3000ULTRA+	3000			

Section dimensions in millimetres.

Metric designations show pitch length in mm.

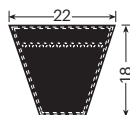
Note: The ISO 4184 standard now refers to 'datum' lengths, which are essentially the same as 'pitch' lengths.

These lengths may not be available from stock.

Item available on request

In addition to their precision-built qualities, Fenner® Ultra PLUS wedge belts have superior anti-static and oil resistant properties. All Fenner® Ultra PLUS wedge belts are static conductive to the ISO 1813 standard and conform to the anti-static specifications of the American Petroleum Institute (API) for similar belts. They will not readily self-ignite under severe slip/stall conditions, subject to maximum surface temperature limitations.

ISO 4184 – DIN 7753 – BS 3790 – RMA IP22



SPC

BELT DESIGNATION		
SPC Wedge Belt Part No.	SPC Ultra Plus Belt Part No.	Pitch Length
SPC2000FEN	SPC2000ULTRA+	2000
SPC2120FEN	SPC2120ULTRA+	2120
SPC2240FEN	SPC2240ULTRA+	2240
SPC2360FEN	SPC2360ULTRA+	2360
SPC2500FEN	SPC2500ULTRA+	2500
SPC2650FEN	SPC2650ULTRA+	2650
SPC2800FEN	SPC2800ULTRA+	2800
SPC3000FEN	SPC3000ULTRA+	3000
SPC3150FEN	SPC3150ULTRA+	3150
SPC3350FEN	SPC3350ULTRA+	3350
SPC3550FEN	SPC3550ULTRA+	3550
SPC3750FEN	SPC3750ULTRA+	3750
SPC4000FEN	SPC4000ULTRA+	4000
SPC4250FEN	SPC4250ULTRA+	4250
SPC4500FEN	SPC4500ULTRA+	4500
SPC4750FEN	SPC4750ULTRA+	4750
SPC5000FEN	SPC5000ULTRA+	5000
SPC5300FEN	SPC5300ULTRA+	5300
SPC5600FEN	SPC5600ULTRA+	5600
SPC6000FEN	SPC6000ULTRA+	6000
SPC6300FEN	SPC6300ULTRA+	6300
SPC6700FEN	SPC6700ULTRA+	6700
SPC7100FEN	SPC7100ULTRA+	7100
SPC7500FEN	SPC7500ULTRA+	7500
SPC8000FEN	SPC8000ULTRA+	8000
SPC8500FEN	SPC8500ULTRA+	8500
SPC9000FEN	SPC9000ULTRA+	9000
SPC9500FEN	SPC9500ULTRA+	9500
SPC10000FEN	SPC10000ULTRA+	10000
SPC10600FEN	SPC10600ULTRA+	10600
SPC11200FEN	SPC11200ULTRA+	11200
SPC11800FEN	SPC11800ULTRA+ #	11800
SPC12500FEN	SPC12500ULTRA+	12500

Section dimensions in millimetres.

Metric designations show pitch length in mm.

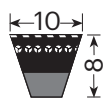
Note: The ISO 4184 standard now refers to 'datum' lengths, which are essentially the same as 'pitch' lengths.

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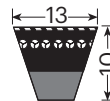
Item available on request

Fenner® cogged raw edge wedge belts are precision built for excellent length matching. All Fenner® CRE cogged raw edge wedge belts are static conductive to the ISO 1813 standard and conform to the anti-static specifications of the American Petroleum Institute (API) for similar belts. They will not ignite under severe slip/ stall conditions, subject to maximum surface temperature limitations.

ISO 4184 – DIN 7753 – BS 3790 – RMA IP22



SPZX



SPAX

BELT DESIGNATION		BELT DESIGNATION	
SPZX Wedge Belt Part No.	Pitch Length	SPZX Wedge Belt Part No.	Pitch Length
SPZX630FEN	630	SPZX1900FEN	1900
SPZX670FEN	670	SPZX2000FEN	2000
SPZX710FEN	710	SPZX2040FEN #	2040
SPZX750FEN	750	SPZX2120FEN	2120
SPZX760FEN #	760	SPZX2160FEN	2160
SPZX800FEN	800	SPZX2240FEN	2240
SPZX850FEN	850	SPZX2280FEN	2280
SPZX900FEN	900	SPZX2360FEN	2360
SPZX937FEN	937	SPZX2410FEN	2410
SPZX940FEN	940	SPZX2500FEN	2500
SPZX950FEN	950	SPZX2540FEN	2540
SPZX1000FEN	1000	SPZX2650FEN #	2650
SPZX1010FEN	1010	SPZX2690FEN	2690
SPZX1060FEN	1060	SPZX2800FEN #	2800
SPZX1077FEN	1077	SPZX2840FEN #	2840
SPZX1080FEN	1080	SPZX3000FEN #	3000
SPZX1120FEN	1120	SPZX3150FEN #	3150
SPZX1137FEN	1137	SPZX3350FEN #	3350
SPZX1140FEN	1140	SPZX3550FEN #	3550
SPZX1180FEN	1180		
SPZX1200FEN	1200		
SPZX1250FEN	1250		
SPZX1270FEN	1270		
SPZX1320FEN	1320		
SPZX1337FEN	1337		
SPZX1340FEN	1340		
SPZX1360FEN	1360		
SPZX1400FEN	1400		
SPZX1420FEN	1420		
SPZX1450FEN	1450		
SPZX1462FEN	1462		
SPZX1470FEN	1470		
SPZX1500FEN	1500		
SPZX1520FEN	1520		
SPZX1560FEN #	1560		
SPZX1587FEN	1587		
SPZX1600FEN	1600		
SPZX1650FEN	1650		
SPZX1700FEN	1700		
SPZX1800FEN	1800		
SPZX1850FEN	1850		

BELT DESIGNATION	
SPAX Wedge Belt Part No.	Pitch Length
SPAX800FEN	800
SPAX850FEN	850
SPAX900FEN	900
SPAX925FEN #	925
SPAX950FEN	950
SPAX1000FEN	1000
SPAX1060FEN	1060
SPAX1090FEN	1090
SPAX1120FEN	1120
SPAX1180FEN	1180
SPAX1207FEN	1207
SPAX1250FEN	1250
SPAX1280FEN	1280
SPAX1320FEN	1320
SPAX1382FEN	1382
SPAX1400FEN	1400
SPAX1450FEN	1450
SPAX1500FEN	1500
SPAX1532FEN	1532
SPAX1550FEN	1550
SPAX1600FEN	1600
SPAX1650FEN	1650
SPAX1700FEN	1700
SPAX1750FEN	1750
SPAX1800FEN	1800
SPAX1850FEN	1850
SPAX1900FEN	1900
SPAX1950FEN	1950
SPAX2000FEN	2000
SPAX2060FEN	2060
SPAX2120FEN	2120
SPAX2240FEN	2240
SPAX2360FEN	2360
SPAX2430FEN	2430
SPAX2500FEN	2500
SPAX2650FEN	2650
SPAX2800FEN	2800
SPAX3000FEN	3000
SPAX3150FEN	3150
SPAX3350FEN	3350
SPAX3550FEN	3550

Section dimensions in millimetres.

Metric designations are 'pitch' lengths in mm.

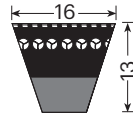
Note: The ISO 4184 standard now refers to 'datum' lengths, which are essentially the same as 'pitch' lengths.

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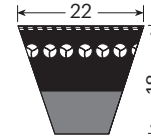
Item available on request

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ISO 4184 – DIN 7753 – BS 3790 – RMA IP22



SPBX



SPCX

BELT DESIGNATION		BELT DESIGNATION	
SPBX Wedge Belt Part No.	Pitch Length	SPBX Wedge Belt Part No.	Pitch Length
SPBX1250FEN	1250	SPBX2300FEN	2300
SPBX1260FEN	1260	SPBX2350FEN	2350
SPBX1320FEN	1320	SPBX2360FEN	2360
SPBX1340FEN	1340	SPBX2400FEN	2400
SPBX1400FEN	1400	SPBX2410FEN	2410
SPBX1410FEN	1410	SPBX2430FEN	2430
SPBX1450FEN	1450	SPBX2500FEN	2500
SPBX1500FEN	1500	SPBX2530FEN	2530
SPBX1510FEN	1510	SPBX2650FEN	2650
SPBX1525FEN	1525	SPBX2680FEN	2680
SPBX1540FEN	1540	SPBX2800FEN	2800
SPBX1550FEN	1550	SPBX2840FEN	2840
SPBX1590FEN	1590	SPBX2910FEN	2910
SPBX1600FEN	1600	SPBX2990FEN	2990
SPBX1650FEN	1650	SPBX3000FEN	3000
SPBX1700FEN	1700	SPBX3150FEN	3150
SPBX1750FEN	1750	SPBX3170FEN	3170
SPBX1800FEN	1800	SPBX3350FEN	3350
SPBX1850FEN	1850	SPBX3550FEN	3550
SPBX1900FEN	1900	SPBX3750FEN	3750
SPBX2000FEN	2000	SPBX3800FEN	3800
SPBX2020FEN	2020	SPBX3870FEN	3870
SPBX2030FEN	2030	SPBX4000FEN	4000
SPBX2120FEN	2120	SPBX4060FEN	4060
SPBX2150FEN	2150	SPBX4250FEN	4250
SPBX2180FEN	2180	SPBX4500FEN	4500
SPBX2240FEN	2240	SPBX4560FEN	4560
SPBX2280FEN	2280	SPBX4820FEN	4820

BELT DESIGNATION	
SPCX Wedge Belt Part No.	Pitch Length
SPCX2000FEN	2000
SPCX2120FEN	2120
SPCX2240FEN	2240
SPCX2360FEN	2360
SPCX2500FEN	2500
SPCX2650FEN	2650
SPCX2800FEN	2800
SPCX3000FEN	3000
SPCX3150FEN	3150
SPCX3350FEN	3350
SPCX3550FEN	3550
SPCX3750FEN	3750
SPCX4000FEN	4000
SPCX4060FEN #	4060
SPCX4250FEN	4250
SPCX4310FEN #	4310
SPCX4500FEN	4500
SPCX4750FEN	4750
SPCX5000FEN	5000
SPCX5300FEN #	5300
SPCX5600FEN #	5600
SPCX6000FEN #	6000
SPCX6300FEN #	6300
SPCX6700FEN #	6700
SPCX7100FEN #	7100
SPCX7500FEN #	7500
SPCX8000FEN #	8000
SPCX8500FEN #	8500

Section dimensions in millimetres.

Metric designations are 'pitch' lengths in mm.

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These lengths may not be available from stock.

DATA AND CALCULATIONS FOR ALL WEDGE BELTS

Mass/Unit Length	
Section	kg/m
SPZ	0.07
SPA	0.12
SPB	0.19
SPC	0.32
8V	0.54
SPZX	0.06
SPAX	0.11
SPBX	0.18

Pitch to Inner Lengths	
Section	Calculation
SPZ	Li = Lp - 37
SPA	Li = Lp - 45
SPB	Li = Lp - 60
SPC	Li = Lp - 90
8V	Li = Lp - 120
SPZX	Li = Lp - 38
SPAX	Li = Lp - 44
SPBX	Li = Lp - 58

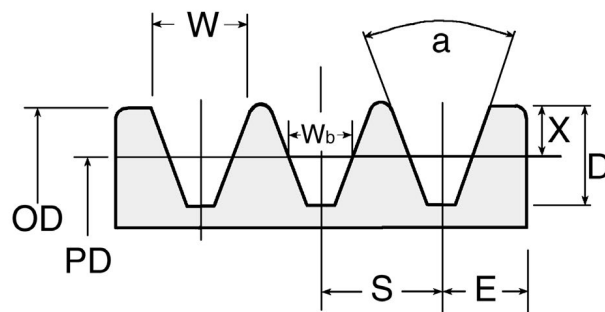
Pitch to Outer Lengths	
Section	Calculation
SPZ	Lo = Lp + 13
SPA	Lo = Lp + 18
SPB	Lo = Lp + 22
SPC	Lo = Lp + 30

Lp = Pitch Length
Lo = Outside Length
Li = Inside Length

Working Temperatures
-40 to +70°C

Item available on request

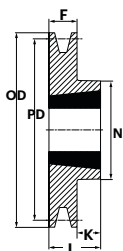
Friction Pulleys



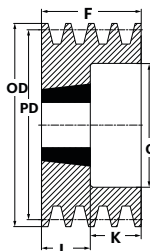
Pulley Groove Dimensions (ISO Standard)

Belt Section	Pitch Dia. Range PD	Groove Angle $\pm 0.5^\circ$ a	Width at OD W	Width at Pitch Wb	Groove Depth D	Pitch Depth X	Groove Centres S
SPZ	Up to 80mm Over 80mm	34 38	9.7	8.5	11	2	12
SPA	Up to 118mm Over 118mm	34 38	12.7	11	13.8	2.75	15
SPB	Up to 190mm Over 190mm	34 38	16.2	14	17.5	3.5	19
SPC	Up to 315mm Over 315mm	34 38	22	19	23.8	4.8	25.5

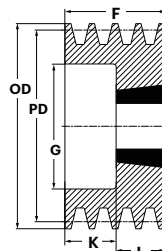
Z (M), SPZ, & SPZX Taper Lock Pulleys



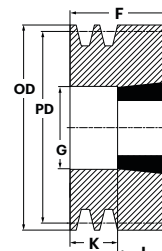
Type 1



Type 2



Type 6



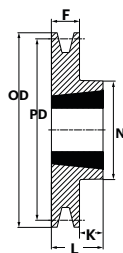
Type 9

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPZ56-1-1008F	56	1	1008	25	1	9	49	28	13	22	–	60
SPZ56-2-1108F	56	2	1108	28	1-1/8	9	49	35	27	22	–	60
SPZ60-1-1008F	60	1	1008	25	1	9	22	–	–	22	–	64
SPZ60-2-1108F	60	2	1108	28	1-1/8	9	28	36	27	22	–	64
SPZ63-1-1108F	63	1	1108	28	1-1/8	1	16	–	6	22	56	67
SPZ63-2-1108F	63	2	1108	28	1-1/8	2	28	40	6	22	–	67
SPZ63-3-1108F	63	3	1108	28	1-1/8	2	40	40	18	22	–	67
SPZ67-1-1108F	67	1	1108	28	1-1/8	1	16	–	6	22	60	71
SPZ67-2-1108F	67	2	1108	28	1-1/8	6	28	42	6	22	–	71
SPZ67-3-1108F	67	3	1108	28	1-1/8	6	40	42	18	22	–	71
SPZ71-1-1108F	71	1	1108	28	1-1/8	1	16	–	6	22	60	75
SPZ71-2-1108F	71	2	1108	28	1-1/8	6	28	42	6	22	–	75
SPZ71-3-1108F	71	3	1108	28	1-1/8	6	40	42	18	22	–	75
SPZ75-1-1108F	75	1	1108	28	1-1/8	1	16	–	6	22	60	79
SPZ75-2-1210F	75	2	1210	32	1-1/4	6	28	51	3	25	–	79
SPZ75-3-1210F	75	3	1210	32	1-1/4	6	40	51	15	25	–	79
SPZ80-1-1210F	80	1	1210	32	1-1/4	1	16	–	9	25	75	84
SPZ80-2-1210F	80	2	1210	32	1-1/4	6	28	51	3	25	–	84
SPZ80-3-1210F	80	3	1210	32	1-1/4	6	40	51	15	25	–	84
SPZ80-4-1210F	80	4	1210	32	1-1/4	6	52	51	27	25	–	84
SPZ85-1-1210F	85	1	1210	32	1-1/4	1	16	–	9	25	80	89
SPZ85-2-1610F	85	2	1610	42	1-5/8	6	28	60	3	25	–	89
SPZ85-3-1610F	85	3	1610	42	1-5/8	6	40	60	15	25	–	89
SPZ85-4-1610F	85	4	1610	42	1-5/8	6	52	60	27	25	–	89
SPZ85-5-1610F	85	5	1610	42	1-5/8	6	64	60	39	25	–	89

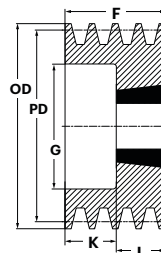
Type 6NR pulleys are made to catalogue dimensions, but modern manufacturing techniques result in there being no recess behind the Taper Lock bush, the G dimension is then approximately equal to the small diameter of the Taper Lock bush.

Dimensions in millimetres unless otherwise stated. *Non-preferred pulley sizes. Pitch diameters in italic type indicate pulleys to be used with Z V-belts & SPZ wedge belts only. All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

Z (M), SPZ, & SPZX Taper Lock Pulleys



Type 1



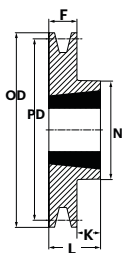
Type 6

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPZ90-1-1210F	90	1	1210	32	1-1/4	1	16	–	9	25	80	94
SPZ90-2-1610F	90	2	1610	42	1-5/8	6	28	61	3	25	–	94
SPZ90-3-1610F	90	3	1610	42	1-5/8	6	40	61	15	25	–	94
SPZ90-4-1610F	90	4	1610	42	1-5/8	6	52	61	27	25	–	94
SPZ90-5-1610F	90	5	1610	42	1-5/8	6	64	61	39	25	–	94
SPZ95-1-1210F	95	1	1210	32	1-1/4	1	16	–	9	25	85	99
SPZ95-2-1610F	95	2	1610	42	1-5/8	6	28	66	3	25	–	99
SPZ95-3-1610F	95	3	1610	42	1-5/8	6	40	66	15	25	–	99
SPZ95-4-1610F	95	4	1610	42	1-5/8	6	52	66	27	25	–	99
SPZ95-5-1610F	95	5	1610	42	1-5/8	6	64	66	39	25	–	99
SPZ100-1-1210F	100	1	1210	32	1-1/4	1	16	–	9	25	85	104
SPZ100-2-1610F	100	2	1610	42	1-5/8	6	28	71	3	25	–	104
SPZ100-3-1610F	100	3	1610	42	1-5/8	6	40	71	15	25	–	104
SPZ100-4-1610F	100	4	1610	42	1-5/8	6	52	71	27	25	–	104
SPZ100-5-2012F	100	5	2012	50	2	6	64	71	32	32	–	104
SPZ106-1-1610F	106	1	1610	42	1-5/8	1	16	–	9	25	92	111
SPZ106-2-1610F	106	2	1610	42	1-5/8	6	28	76	3	25	–	111
SPZ106-3-1610F	106	3	1610	42	1-5/8	6	40	76	15	25	–	111
SPZ106-4-1610F	106	4	1610	42	1-5/8	6	52	76	27	25	–	111
SPZ106-5-2012F	106	5	2012	50	2	6	64	76	32	32	–	111
SPZ112-1-1610F	112	1	1610	42	1-5/8	1	16	–	9	25	92	116
SPZ112-2-1610F	112	2	1610	42	1-5/8	6	28	83	3	25	–	116
SPZ112-3-2012F	112	3	2012	50	2	6	40	83	8	32	–	116
SPZ112-4-2012F	112	4	2012	50	2	6	52	83	20	32	–	116
SPZ112-5-2012F	112	5	2012	50	2	6	64	83	32	32	–	116

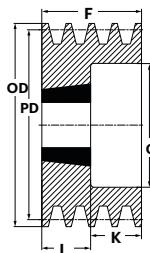
Type 6NR pulleys are made to catalogue dimensions, but modern manufacturing techniques result in there being no recess behind the Taper Lock bush, the G dimension is then approximately equal to the small diameter of the Taper Lock bush.

Dimensions in millimetres unless otherwise stated. *Non-preferred pulley sizes. Pitch diameters in italic type indicate pulleys to be used with Z V-belts & SPZ wedge belts only. All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

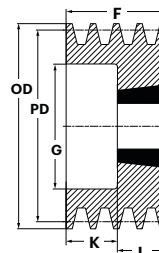
Z (M), SPZ, & SPZX Taper Lock Pulleys



Type 1



Type 2



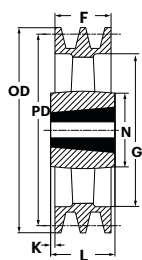
Type 6

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPZ118-1-1610F	118	1	1610	42	1-5/8	1	16	–	9	25	92	123
SPZ118-2-1610F	118	2	1610	42	1-5/8	6	28	90	3	25	–	123
SPZ118-3-2012F	118	3	2012	50	2	6	40	90	8	32	–	123
SPZ118-4-2012F	118	4	2012	50	2	6	52	90	20	32	–	123
SPZ118-5-2012F	118	5	2012	50	2	6	64	90	32	32	–	123
SPZ125-1-1610F	125	1	1610	42	1-5/8	1	16	–	9	25	92	129
SPZ125-2-1610F	125	2	1610	42	1-5/8	6	28	96	3	25	–	129
SPZ125-3-2012F	125	3	2012	50	2	2	40	96	8	32	–	129
SPZ125-4-2012F	125	4	2012	50	2	2	52	96	20	32	–	129
SPZ125-5-2012F	125	5	2012	50	2	6	64	96	32	32	–	129
SPZ132-1-1610F	132	1	1610	42	1-5/8	1	16	–	9	25	92	137
SPZ132-2-1610F	132	2	1610	42	1-5/8	6	28	103	3	25	–	137
SPZ132-3-2012F	132	3	2012	50	2	2	40	103	8	32	–	137
SPZ132-4-2012F	132	4	2012	50	2	2	52	103	20	32	–	137
SPZ132-5-2517F	132	5	2517	60	2-1/2	6	64	103	19.0	45	–	137
SPZ140-1-1610F	140	1	1610	42	1-5/8	1	16	–	9	25	92	144
SPZ140-2-1610F	140	2	1610	42	1-5/8	6	28	111	3	25	–	144
SPZ140-3-2012F	140	3	2012	50	2	2	40	111	8	32	–	144
SPZ140-4-2012F	140	4	2012	50	2	2	52	111	20	32	–	144
SPZ140-5-2517F	140	5	2517	60	2-1/2	2	64	111	19	45	–	144
SPZ160-1-1610F	160	1	1610	42	1-5/8	1	16	–	9	25	92	164
SPZ160-2-2012F	160	2	2012	50	2	1	28	–	4	32	112	164
SPZ160-3-2012F	160	3	2012	50	2	2	40	131	8	32	–	164
SPZ160-4-2517F	160	4	2517	60	2-1/2	2	52	131	7	45	–	164
SPZ160-5-2517F	160	5	2517	60	2-1/2	2	64	131	19	45	–	164
SPZ180-1-1610F	180	1	1610	42	1-5/8	1	16	–	9	25	92	184
SPZ180-2-2012F	180	2	2012	50	2	1	28	–	4	32	112	184
SPZ180-3-2012F	180	3	2012	50	2	2	40	151	8	32	–	184
SPZ180-4-2517F	180	4	2517	60	2-1/2	2	52	151	7	45	–	184
SPZ180-5-2517F	180	5	2517	60	2-1/2	2	64	151	19	45	–	184

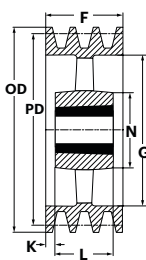
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes. Intermediate diameters available on a non-stock basis.

All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly. These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor

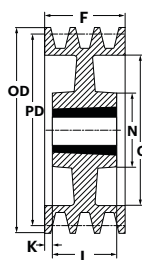
Z (M), SPZ, & SPZX Taper Lock Pulleys



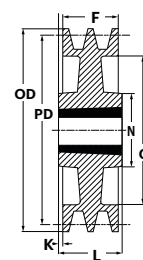
Type 4



Type 5



Type 7



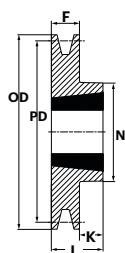
Type 8

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPZ200-1-2012F	200	1	2012	50	2	8	16	171	16	32	112	204
SPZ200-2-2012F	200	2	2012	50	2	8	28	171	4	32	112	204
SPZ200-3-2012F	200	3	2012	50	2	7	40	171	4	32	112	204
SPZ200-4-2517F	200	4	2517	60	2-1/2	7	52	171	3.5	45	124	204
SPZ200-5-2517F	200	5	2517	60	2-1/2	7	64	171	9.5	45	124	204
SPZ250-1-2012F	250	1	2012	50	2	4	16	221	8	32	112	254
SPZ250-2-2012F	250	2	2012	50	2	4	28	221	2	32	112	254
SPZ250-3-2012F	250	3	2012	50	2	5	40	221	4	32	112	254
SPZ250-4-2517F	250	4	2517	60	2-1/2	5	52	221	3.5	45	124	254
SPZ250-5-2517F	250	5	2517	60	2-1/2	5	64	221	9.5	45	124	254
SPZ315-1-2012F	315	1	2012	50	2	4	16	286	8	32	112	319
SPZ315-2-2012F	315	2	2012	50	2	4	28	286	2	32	112	319
SPZ315-3-2517F	315	3	2517	60	2-1/2	4	40	286	2.5	45	124	319
SPZ315-4-2517F	315	4	2517	60	2-1/2	5	52	286	3.5	45	124	319
SPZ315-5-2517F	315	5	2517	60	2-1/2	5	64	286	9.5	45	124	319
SPZ400-1-2012F	400	1	2012	50	2	4	16	371	8	32	112	404
SPZ400-2-2517F	400	2	2517	60	2-1/2	4	28	371	8.5	45	124	404
SPZ400-3-2517F	400	3	2517	60	2-1/2	4	40	371	2.5	45	124	404
SPZ400-4-2517F	400	4	2517	60	2-1/2	5	52	371	3.5	45	124	404
SPZ400-5-3020F	400	5	3020	75	3	5	64	371	6.5	51	146	404
SPZ500-2-2517F	500	2	2517	60	2-1/2	4	28	471	8.5	45	124	504
SPZ500-3-2517F	500	3	2517	60	2-1/2	5	40	471	2.5	45	124	504
SPZ500-4-3020F	500	4	3020	75	3	5	52	471	0.5	51	146	504
SPZ500-5-3020F	500	5	3020	75	3	4	64	471	6	76	146	504
SPZ630-3-2517F	630	3	2517	60	2-1/2	4	40	601	2.5	45	124	634
SPZ630-4-3020F	630	4	3020	75	3	4	52	601	12	76	146	634
SPZ630-5-3020F	630	5	3020	75	3	4	64	601	6	76	146	634

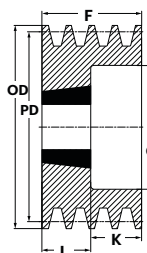
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes. Intermediate diameters available on a non-stock basis.

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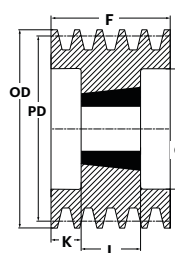
A, SPA & SPAX Taper Lock Pulleys



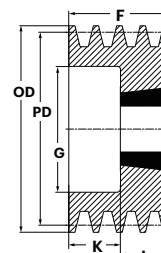
Type 1



Type 2



Type 3



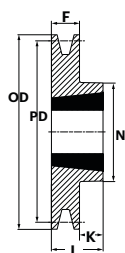
Type 6

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPA80-1-1210F	80	1	1210	32	1-1/4	1	20	–	5	25	75	86
SPA80-2-1210F	80	2	1210	32	1-1/4	6	35	46	10	25	–	86
SPA80-3-1210F	80	3	1210	32	1-1/4	6	50	46	25	25	–	86
SPA85-1-1210F	85	1	1210	32	1-1/4	1	20	–	5	25	80	91
SPA85-2-1210F	85	2	1210	32	1-1/4	6	35	46	10	25	–	91
SPA85-3-1210F	85	3	1210	32	1-1/4	6	50	46	25	25	–	91
SPA90-1-1210F	90	1	1210	32	1-1/4	1	20	–	5	25	80	96
SPA90-2-1610F	90	2	1610	42	1-5/8	6	35	61	10	25	–	96
SPA90-3-1610F	90	3	1610	42	1-5/8	6	50	61	25	25	–	96
SPA90-4-1610F	90	4	1610	42	1-5/8	3	65	61	14	38	–	96
SPA95-1-1210F	95	1	1210	32	1-1/4	1	20	–	5	25	85	101
SPA95-2-1610F	95	2	1610	42	1-5/8	6	35	66	10	25	–	101
SPA95-3-1610F	95	3	1610	42	1-5/8	6	50	66	25	25	–	101
SPA95-4-1610F	95	4	1610	42	1-5/8	3	65	66	13.5	38	–	101
SPA100-1-1610F	100	1	1610	42	1-5/8	1	20	–	5	25	85	106
SPA100-2-1610F	100	2	1610	42	1-5/8	6	35	71	10	25	–	106
SPA100-3-1610F	100	3	1610	42	1-5/8	2	50	71	25	25	–	106
SPA100-4-1610F	100	4	1610	42	1-5/8	2	65	71	27	38	–	106
SPA100-5-1610F	100	5	1610	42	1-5/8	2	80	71	42	38	–	106
SPA100-6-1610F	100	6	1610	42	1-5/8	3	95	71	29	38	–	106
SPA106-1-1610F	106	1	1610	42	1-5/8	1	20	–	5	25	92	112
SPA106-2-1610F	106	2	1610	42	1-5/8	6	35	76	10	25	–	112
SPA106-3-1610F	106	3	1610	42	1-5/8	2	50	76	25	25	–	112
SPA106-4-2012F	106	4	2012	50	2	6	65	76	33	32	–	112
SPA106-5-2012F	106	5	2012	50	2	6	80	76	48	32	–	112
SPA106-6-2012F	106	6	2012	50	2	6	95	76	63	32	–	112
SPA112-1-1610F	112	1	1610	42	1-5/8	1	20	–	5	25	92	118
SPA112-2-1610F	112	2	1610	42	1-5/8	6	35	83	10	25	–	118
SPA112-3-2012F	112	3	2012	50	2	6	50	83	18	32	–	118
SPA112-4-2012F	112	4	2012	50	2	6	65	83	33	32	–	118
SPA112-5-2012F	112	5	2012	50	2	6	80	83	48	32	–	118
SPA112-6-2012F	112	6	2012	50	2	6	95	83	63	32	–	118

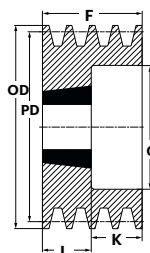
Dimensions in millimetres unless otherwise stated. *Non-preferred pulley sizes. Pitch diameters in italic type indicate pulleys to be used A V-belts & SPA wedge belts only. All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

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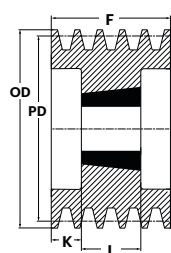
A, SPA & SPAX Taper Lock Pulleys



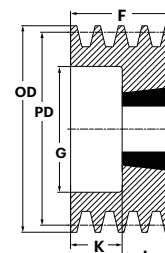
Type 1



Type 2



Type 3



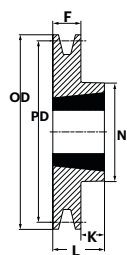
Type 6

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPA118-1-1610F	118	1	1610	42	1-5/8	1	20	–	5	25	92	124
SPA118-2-1610F	118	2	1610	42	1-5/8	6	35	90	10	25	–	124
SPA118-3-2012F	118	3	2012	50	2	2	50	90	18	32	–	124
SPA118-4-2012F	118	4	2012	50	2	2	65	90	33	32	–	124
SPA118-5-2012F	118	5	2012	50	2	2	80	90	48	32	–	124
SPA118-6-2012F	118	6	2012	50	2	6	95	90	63	32	–	124
SPA125-1-1610F	125	1	1610	42	1-5/8	1	20	–	5	25	92	131
SPA125-2-1610F	125	2	1610	42	1-5/8	6	35	96	10	25	–	131
SPA125-3-2012F	125	3	2012	50	2	2	50	96	18	32	–	131
SPA125-4-2012F	125	4	2012	50	2	2	65	96	33	32	–	131
SPA125-5-2012F	125	5	2012	50	2	3	80	96	24	32	–	131
SPA125-6-2012F	125	6	2012	50	2	3	95	96	32	32	–	131
SPA132-1-1610F	132	1	1610	42	1-5/8	1	20	–	5	25	92	138
SPA132-2-2012F	132	2	2012	50	2	6	35	103	3	32	–	138
SPA132-3-2012F	132	3	2012	50	2	2	50	103	18	32	–	138
SPA132-4-2517F	132	4	2517	60	2-1/2	2	65	103	20	45	–	138
SPA132-5-2517F	132	5	2517	60	2-1/2	3	80	103	18	45	–	138
SPA132-6-2517F	132	6	2517	60	2-1/2	3	95	103	25	45	–	138
SPA140-1-1610F	140	1	1610	42	1-5/8	1	20	–	5	25	92	146
SPA140-2-2012F	140	2	2012	50	2	6	35	111	3	32	–	146
SPA140-3-2517F	140	3	2517	60	2-1/2	6	50	111	5	45	–	146
SPA140-4-2517F	140	4	2517	60	2-1/2	2	65	111	20	45	–	146
SPA140-5-2517F	140	5	2517	60	2-1/2	3	80	111	18	45	–	146
SPA140-6-2517F	140	6	2517	60	2-1/2	3	95	111	25	45	–	146
SPA150-1-1610F	150	1	1610	42	1-5/8	1	20	–	5	25	92	156
SPA150-2-2012F	150	2	2012	50	2	6	35	121	3	32	–	156
SPA150-3-2517F	150	3	2517	60	2-1/2	6	50	121	5	45	–	156
SPA150-4-2517F	150	4	2517	60	2-1/2	2	65	121	20	45	–	156
SPA150-5-2517F	150	5	2517	60	2-1/2	3	80	121	18	45	–	156
SPA150-6-2517F	150	6	2517	60	2-1/2	3	95	121	25	45	–	156

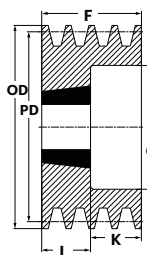
Dimensions in millimetres unless otherwise stated. *Non-preferred pulley sizes. Pitch diameters in italic type indicate pulleys to be used A V-belts & SPA wedge belts only. All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor.

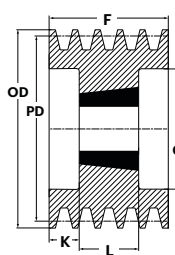
A, SPA & SPAX Taper Lock Pulleys



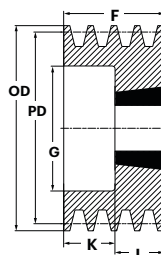
Type 1



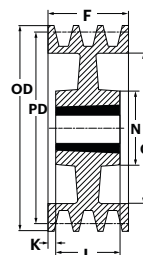
Type 2



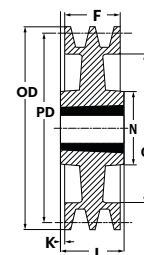
Type 3



Type 6



Type 7



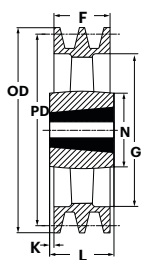
Type 8

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPA160-1-1610F	160	1	1610	42	1-5/8	1	20	–	5	25	92	166
SPA160-2-2012F	160	2	2012	50	2	7	35	125	1.5	32	108	166
SPA160-3-2517F	160	3	2517	60	2-1/2	6	50	128	5	45	–	166
SPA160-4-2517F	160	4	2517	60	2-1/2	2	65	128	20	45	–	166
SPA160-5-2517F	160	5	2517	60	2-1/2	3	80	128	17.5	45	–	166
SPA160-6-2517F	160	6	2517	60	2-1/2	3	95	128	25	45	–	166
SPA180-1-1610F	180	1	1610	42	1-5/8	1	20	–	5	25	92	186
SPA180-2-2012F	180	2	2012	50	2	7	35	148	1.5	32	108	186
SPA180-3-2517F	180	3	2517	60	2-1/2	6	50	148	5	45	–	186
SPA180-4-2517F	180	4	2517	60	2-1/2	2	65	148	20	45	–	186
SPA180-5-3020F	180	5	3020	75	3	3	80	148	14.5	51	–	186
SPA180-6-3020F	180	6	3020	75	3	3	95	148	22	51	–	186
SPA200-1-2012F	200	1	2012	50	2	8	20	162	12	32	108	206
SPA200-2-2517F	200	2	2517	60	2-1/2	8	35	162	5	45	123	206
SPA200-3-2517F	200	3	2517	60	2-1/2	7	50	162	2.5	45	123	206
SPA200-4-3020F	200	4	3020	75	3	2	65	168	14	51	–	206
SPA200-5-3020F	200	5	3020	75	3	3	80	168	14.5	51	–	206
SPA200-6-3020F	200	6	3020	75	3	3	95	168	22	51	–	206
SPA224-1-2012F	224	1	2012	50	2	8	20	189	12	32	112	230
SPA224-2-2517F	224	2	2517	60	2-1/2	8	35	189	10	45	124	230
SPA224-3-2517F	224	3	2517	60	2-1/2	7	50	189	2.5	45	124	230
SPA224-4-3020F	224	4	3020	75	3	2	65	189	14	51	–	230
SPA224-5-3020F	224	5	3020	75	3	2	80	189	29	51	–	230
SPA224-6-3020F	224	6	3020	75	3	3	95	189	22	51	–	230
SPA250-1-2012F	250	1	2012	50	2	8	20	215	6	32	112	256
SPA250-2-2517F	250	2	2517	60	2-1/2	8	35	215	5	45	124	256
SPA250-3-2517F	250	3	2517	60	2-1/2	7	50	215	2.5	45	124	256
SPA250-4-3020F	250	4	3020	75	3	7	65	215	10	51	159	256
SPA250-5-3020F	250	5	3020	75	3	7	80	215	17.5	51	159	256
SPA250-6-3020F	250	6	3020	75	3	7	95	215	22	51	159	256

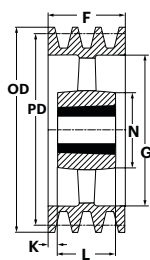
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes. Intermediate diameters available on a non-stock basis.

All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly. These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor.

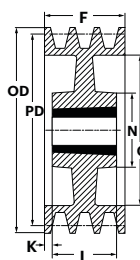
A, SPA & SPAX Taper Lock Pulleys



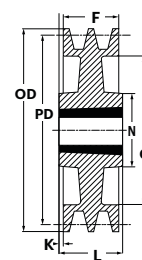
Type 4



Type 5



Type 7



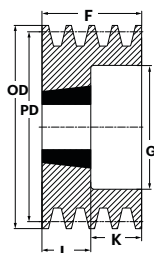
Type 8

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPA280-1-2012F	280	1	2012	50	2	8	20	245	12	32	112	286
SPA280-2-2517F	280	2	2517	60	2-1/2	8	35	245	10	45	124	286
SPA280-3-2517F	280	3	2517	60	2-1/2	7	50	245	2.5	45	124	286
SPA280-4-3020F	280	4	3020	75	3	7	65	245	7	51	159	286
SPA280-5-3525F	280	5	3525	100	4	7	80	245	4.5	89	178	286
SPA280-6-3525F	280	6	3525	100	4	7	95	245	15	65	178	286
SPA315-1-2012F	315	1	2012	50	2	4	20	280	12	32	112	321
SPA315-2-2517F	315	2	2517	60	2-1/2	4	35	280	10	45	124	321
SPA315-3-3020F	315	3	3020	75	3	8	50	280	0.5	51	159	321
SPA315-4-3020F	315	4	3020	75	3	7	65	280	8	51	159	321
SPA315-5-3525F	315	5	3525	100	4	8	80	283	7.5	65	178	321
SPA315-6-3525F	315	6	3525	100	4	7	95	280	15	65	178	321
SPA400-1-2012F	400	1	2012	50	2	4	20	365	12	32	112	406
SPA400-2-2517F	400	2	2517	60	2-1/2	4	35	365	10	45	124	406
SPA400-3-3020F	400	3	3020	75	3	4	50	365	0.5	51	159	406
SPA400-4-3020F	400	4	3020	75	3	5	65	365	7	51	159	406
SPA400-5-3525F	400	5	3525	100	4	4	80	365	7.5	65	178	406
SPA400-6-3525F	400	6	3525	100	4	5	95	368	15	65	178	406
SPA500-2-2517F	500	2	2517	60	2-1/2	4	35	465	10	45	124	506
SPA500-3-3020F	500	3	3020	75	3	4	50	465	0.5	51	159	506
SPA500-4-3020F	500	4	3020	75	3	5	65	465	7	51	159	506
SPA500-5-3525F	500	5	3525	100	4	4	80	465	7.5	65	178	506
SPA500-6-3525F	500	6	3525	100	4	5	95	465	15	65	178	506
SPA630-2-3020F	630	2	3020	75	3	4	35	595	16	45	159	636
SPA630-3-3020F	630	3	3020	75	3	4	50	595	0.5	89	178	636
SPA630-4-3525F	630	4	3525	100	4	4	65	595	12	89	178	636
SPA630-5-3525F	630	5	3525	100	4	4	80	595	7.5	65	178	636
SPA630-6-4030F	630	6	4030	115	4-1/2	4	95	595	9.5	76	216	636
SPA800-3-3525F	800	3	3525	100	4	4	50	765	7.5	65	178	806
SPA800-4-3525F	800	4	3525	100	4	4	65	765	0.0	65	178	806
SPA800-5-4030F	800	5	4030	115	4-1/2	4	80	765	2	76	216	806
SPA800-6-4030F	800	6	4030	115	4-1/2	4	95	765	9.5	76	216	806

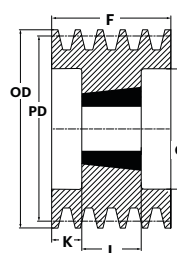
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes. Intermediate diameters available on a non-stock basis.

All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly. These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor.

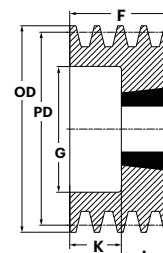
B, SPB & SPBX Taper Lock Pulleys



Type 2



Type 3

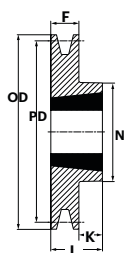


Type 6

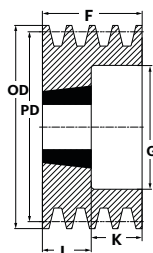
Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPB112-2-2012F	<i>112</i>	2	2012	50	2	2	44	72	25	19	–	119
SPB112-3-2012F	<i>112</i>	3	2012	50	2	2	63	72	37	25	–	119
SPB118-2-2012F	<i>118</i>	2	2012	50	2	2	44	78	19	25	–	125
SPB118-3-2012F	<i>118</i>	3	2012	50	2	2	63	78	37	25	–	125
SPB125-2-2012F	<i>125</i>	2	2012	50	2	2	44	82	12	32	–	132
SPB125-3-2012F	<i>125</i>	3	2012	50	2	2	63	89	31	32	–	132
SPB125-4-2012F	<i>125</i>	4	2012	50	2	3	82	82	25	32	–	132
SPB125-5-2012F	<i>125</i>	5	2012	50	2	6	101	87	69	32	–	132
SPB132-2-2012F	<i>132</i>	2	2012	50	2	2	44	89	12	32	–	139
SPB132-3-2012F	<i>132</i>	3	2012	50	2	2	63	89	31	32	–	139
SPB132-4-2012F	<i>132</i>	4	2012	50	2	3	82	89	25	32	–	139
SPB132-5-2517F	<i>132</i>	5	2517	60	2-1/2	6	101	94	56	45	–	139
SPB140-2-2012F	<i>140</i>	2	2012	50	2	2	44	97	12	32	–	147
SPB140-3-2012F	<i>140</i>	3	2012	50	2	2	63	97	31	32	–	147
SPB140-4-2517F	<i>140</i>	4	2517	60	2-1/2	3	82	100	19	45	–	147
SPB140-5-2517F	<i>140</i>	5	2517	60	2-1/2	3	101	97	28	45	–	147
SPB140-6-2517F	<i>140</i>	6	2517	60	2-1/2	3	120	100	37.5	45	–	147
SPB150-2-2012F	<i>150</i>	2	2012	50	2	2	44	107	12	32	–	157
SPB150-3-2517F	<i>150</i>	3	2517	60	2-1/2	2	63	107	18	45	–	157
SPB150-4-2517F	<i>150</i>	4	2517	60	2-1/2	3	82	107	19	45	–	157
SPB150-5-2517F	<i>150</i>	5	2517	60	2-1/2	3	101	107	28	45	–	157
SPB150-6-2517F	<i>150</i>	6	2517	60	2-1/2	3	120	107	38	45	–	157
SPB160-2-2012F	<i>160</i>	2	2012	50	2	2	44	117	12	32	–	167
SPB160-3-2517F	<i>160</i>	3	2517	60	2-1/2	2	63	117	18	45	–	167
SPB160-4-2517F	<i>160</i>	4	2517	60	2-1/2	3	82	117	19	45	–	167
SPB160-5-2517F	<i>160</i>	5	2517	60	2-1/2	3	101	117	28	45	–	167
SPB160-6-3020F	<i>160</i>	6	3020	75	3	3	120	117	35	51	–	167
SPB170-2-2012F	<i>170</i>	2	2012	50	2	2	44	127	12	32	–	177
SPB170-3-2517F	<i>170</i>	3	2517	60	2-1/2	2	63	127	18	45	–	177
SPB170-4-2517F	<i>170</i>	4	2517	60	2-1/2	3	82	127	19	45	–	177
SPB170-5-3020F	<i>170</i>	5	3020	75	3	3	101	127	25	51	–	177
SPB170-6-3020F	<i>170</i>	6	3020	75	3	3	120	127	35	51	–	177

Dimensions in millimetres unless otherwise stated. *Non-preferred pulley sizes. Pitch diameters in italic type indicate pulleys to be used with B V- belts & SPB wedge belts only. All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly. These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor.

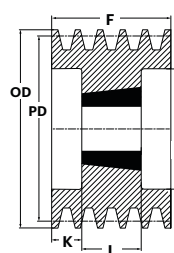
B, SPB & SPBX Taper Lock Pulleys



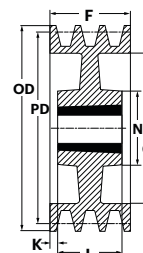
Type 1



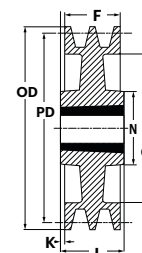
Type 2



Type 3



Type 7



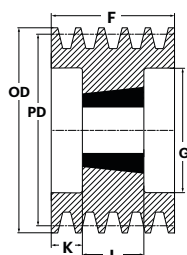
Type 8

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPB180-2-2517F	180	2	2517	60	2-1/2	1	44	–	1	45	117	187
SPB180-3-2517F	180	3	2517	60	2-1/2	2	63	137	18	45	–	187
SPB180-4-2517F	180	4	2517	60	2-1/2	3	82	137	19	45	–	187
SPB180-5-3020F	180	5	3020	75	3	3	101	137	25	51	–	187
SPB180-6-3020F	180	6	3020	75	3	3	120	137	35	51	–	187
SPB180-8-3020F	180	8	3020	75	3	3	158	137	54	51	–	187
SPB190-2-2517F	190	2	2517	60	2-1/2	1	44	–	1	45	117	197
SPB190-3-2517F	190	3	2517	60	2-1/2	2	63	147	18	45	–	197
SPB190-4-2517F	190	4	2517	60	2-1/2	3	82	147	18.5	45	–	197
SPB190-5-3020F	190	5	3020	75	3	3	101	147	25	51	–	197
SPB190-6-3020F	190	6	3020	75	3	3	120	147	35	51	–	197
SPB190-8-3020F	190	8	3020	75	3	3	158	147	54	51	–	197
SPB200-2-2517F	200	2	2517	60	2-1/2	1	44	–	1	45	117	207
SPB200-3-2517F	200	3	2517	60	2-1/2	7	63	157	18	45	117	207
SPB200-4-3020F	200	4	3020	75	3	3	82	157	16	51	–	207
SPB200-5-3020F	200	5	3020	75	3	3	101	157	25	51	–	207
SPB200-6-3020F	200	6	3020	75	3	3	120	157	35	51	–	207
SPB200-8-3525F	200	8	3525	100	4	3	158	157	47	65	–	207
SPB212-2-2517F	212	2	2517	60	2-1/2	1	44	–	1	45	117	219
SPB212-3-2517F	212	3	2517	60	2-1/2	7	63	169	18	45	117	219
SPB212-4-3020F	212	4	3020	75	3	3	82	169	16	51	–	219
SPB212-5-3020F	212	5	3020	75	3	3	101	169	25	51	–	219
SPB212-6-3525F	212	6	3525	100	4	3	120	169	28	65	–	219
SPB212-8-3525F	212	8	3525	100	4	3	158	169	47	65	–	219
SPB224-2-2517F	224	2	2517	60	2-1/2	8	44	181	1	45	117	231
SPB224-3-2517F	224	3	2517	60	2-1/2	7	63	181	18	45	117	231
SPB224-4-3020F	224	4	3020	75	3	3	82	181	16	51	–	231
SPB224-5-3020F	224	5	3020	75	3	3	101	181	25	51	–	231
SPB224-6-3525F	224	6	3525	100	4	3	120	181	28	65	–	231
SPB224-8-3525F	224	8	3525	100	4	3	158	181	47	65	–	231

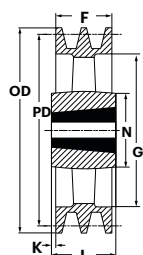
Dimensions in millimetres unless otherwise stated. *Non-preferred pulley sizes. Pitch diameters in italic type indicate pulleys to be used with B V- belts & SPB wedge belts only. All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor.

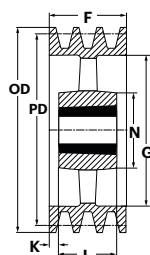
B, SPB & SPBX Taper Lock Pulleys



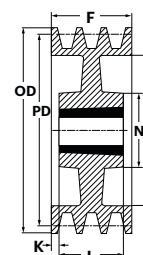
Type 3



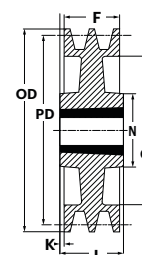
Type 4



Type 5



Type 7



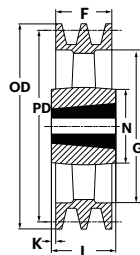
Type 8

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPB236-2-2517F	236	2	2517	60	2-1/2	8	44	193	1	45	117	243
SPB236-3-2517F	236	3	2517	60	2-1/2	7	63	193	18	45	117	243
SPB236-4-3020F	236	4	3020	75	3	3	82	193	15.5	51	–	243
SPB236-5-3525F	236	5	3525	100	4	3	101	193	18	65	–	243
SPB236-6-3525F	236	6	3525	100	4	3	120	193	28	65	–	243
SPB236-8-3525F	236	8	3525	100	4	3	158	193	46.5	65	–	243
SPB250-2-2517F	250	2	2517	60	2-1/2	8	44	207	1	45	117	257
SPB250-3-3020F	250	3	3020	75	3	7	63	207	12	51	144	257
SPB250-4-3020F	250	4	3020	75	3	7	82	207	15.5	51	144	257
SPB250-5-3525F	250	5	3525	100	4	3	101	207	18	65	–	257
SPB250-6-3525F	250	6	3525	100	4	3	120	207	28	65	–	257
SPB250-8-3525F	250	8	3525	100	4	3	158	207	46.5	65	–	257
SPB280-2-2517F	280	2	2517	60	2-1/2	8	44	237	1	45	117	287
SPB280-3-3020F	280	3	3020	75	3	7	63	237	6	51	144	287
SPB280-4-3020F	280	4	3020	75	3	7	82	237	15.5	51	144	287
SPB280-5-3525F	280	5	3525	100	4	7	101	237	18	65	187	287
SPB280-6-3525F	280	6	3525	100	4	7	120	237	27.5	65	187	287
SPB280-8-3525F	280	8	3525	100	4	7	158	237	46.5	65	187	287
SPB315-2-2517F	315	2	2517	60	2-1/2	8	44	272	1	45	117	322
SPB315-3-3020F	315	3	3020	75	3	7	63	272	6	51	144	322
SPB315-4-3525F	315	4	3525	100	4	7	82	272	3.5	65	187	322
SPB315-5-3525F	315	5	3525	100	4	7	101	272	18	65	187	322
SPB315-6-3525F	315	6	3525	100	4	7	120	272	27.5	65	187	322
SPB315-8-3525F	315	8	3525	100	4	7	158	272	46.5	65	187	322
SPB355-2-3020F	355	2	3020	75	3	5	44	312	3.5	51	144	362
SPB355-3-3020F	355	3	3020	75	3	8	63	312	6	51	144	362
SPB355-4-3525F	355	4	3525	100	4	8	82	312	3.5	89	187	362
SPB355-5-3525F	355	5	3525	100	4	5	101	312	18	65	187	362
SPB355-6-3525F	355	6	3525	100	4	5	120	312	27.5	65	187	362
SPB355-8-3525F	355	8	3525	100	4	7	158	312	46.5	65	187	362
SPB400-2-3020F	400	2	3020	75	3	4	44	357	3.5	51	144	407
SPB400-3-3525F	400	3	3525	100	4	8	63	357	1	65	187	407
SPB400-4-3525F	400	4	3525	100	4	4	82	357	8.5	65	187	407
SPB400-5-3525F	400	5	3525	100	4	7	101	357	18	65	187	407
SPB400-6-3525F	400	6	3525	100	4	5	120	357	27.5	65	187	407
SPB400-8-3525F	400	8	3525	100	4	5	158	357	46.5	65	200	407

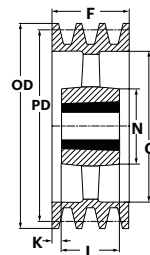
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes. Intermediate diameters available on a non-stock basis.

All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly. These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor.

B, SPB & SPBX Taper Lock Pulleys



Type 4



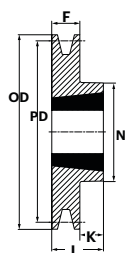
Type 5

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPB450-2-3020F	450	2	3020	75	3	4	44	407	3.5	51	144	457
SPB450-3-3525F	450	3	3525	100	4	4	63	407	1	65	187	457
SPB450-4-3525F	450	4	3525	100	4	4	82	407	8.5	65	187	457
SPB450-5-3525F	450	5	3525	100	4	5	101	407	18	65	187	457
SPB450-6-3525F	450	6	3525	100	4	5	120	407	27.5	65	216	457
SPB450-8-3525F	450	8	3525	100	4	5	158	407	46.5	65	216	457
SPB500-2-3020F	500	2	3020	75	3	4	44	457	3.5	51	144	507
SPB500-3-3525F	500	3	3525	100	4	4	63	457	1	65	187	507
SPB500-4-3525F	500	4	3525	100	4	4	82	457	8.5	65	187	507
SPB500-5-3525F	500	5	3525	100	4	5	101	457	18	65	187	507
SPB500-6-3525F	500	6	3525	100	4	5	120	457	27.5	65	216	507
SPB500-8-3525F	500	8	3525	100	4	5	158	457	46.5	65	216	507
SPB560-2-3020F	560	2	3020	75	3	4	44	517	4	76	144	567
SPB560-3-3525F	560	3	3525	100	4	4	63	517	1	65	187	567
SPB560-4-3525F	560	4	3525	100	4	4	82	517	8.5	65	187	567
SPB560-5-3525F	560	5	3525	100	4	4	101	517	18	65	216	567
SPB560-6-3525F	560	6	3525	100	4	5	120	517	27.5	65	187	567
SPB560-8-4030F	560	8	4030	115	4-1/2	5	158	517	41	76	242	567
SPB630-2-3020F	630	2	3020	75	3	4	44	587	3.5	51	144	637
SPB630-3-3525F	630	3	3525	100	4	4	63	587	1	65	187	637
SPB630-4-3525F	630	4	3525	100	4	4	82	587	8.5	65	187	637
SPB630-5-3525F	630	5	3525	100	4	4	101	587	18	65	216	637
SPB630-6-3525F	630	6	3525	100	4	5	120	587	27.5	65	216	637
SPB630-8-4030F	630	8	4030	115	4-1/2	5	158	587	41	76	242	637
SPB800-3-3525F	800	3	3525	100	4	4	63	754	1	65	187	807
SPB800-4-4030F	800	4	4030	115	4-1/2	4	82	754	3	76	216	807
SPB800-5-4030F	800	5	4030	115	4-1/2	4	101	754	12.5	76	216	807
SPB800-6-4535F	800	6	4535	125	5	5	120	754	15.5	89	242	807
SPB800-8-4535F	800	8	4535	125	5	5	158	754	34.5	89	242	807
SPB1000-3-4030F	1000	3	4030	115	4-1/2	4	63	954	6.5	76	216	1007
SPB1000-4-4030F	1000	4	4030	115	4-1/2	4	82	954	3	76	216	1007
SPB1000-5-4535F	1000	5	4535	125	5	4	101	954	6	89	242	1007
SPB1000-6-4535F	1000	6	4535	125	5	5	120	954	15.5	89	242	1007
SPB1000-8-4535F	1000	8	4535	125	5	5	158	954	34.5	89	242	1007

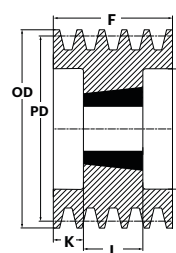
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes. Intermediate diameters available on a non-stock basis.

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C, SPC & SPCX Taper Lock Pulleys



Type 1



Type 3

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPC200-3-2517F	200	3	2517	60	2-1/2	3	85	144	20	45	–	210
SPC200-4-3020F	200	4	3020	75	3	3	111	144	30	51	–	210
SPC200-5-3525F	200	5	3525	100	4	3	136	144	35.5	65	–	210
SPC200-6-3525F	200	6	3525	100	4	3	162	144	49	65	–	210
SPC212-3-3020F	212	3	3020	75	3	3	85	156	17	51	–	222
SPC212-4-3020F	212	4	3020	75	3	3	111	156	30	51	–	222
SPC212-5-3525F	212	5	3525	100	4	3	136	156	35.5	65	–	222
SPC212-6-3525F	212	6	3525	100	4	3	162	156	48.5	65	–	222
SPC224-3-3020F	224	3	3020	75	3	3	85	168	17	51	–	234
SPC224-4-3525F	224	4	3525	100	4	3	111	168	23	65	–	234
SPC224-5-3525F	224	5	3525	100	4	3	136	168	35.5	65	–	234
SPC224-6-3525F	224	6	3525	100	4	3	162	168	49	65	–	234
SPC224-8-3525F	224	8	3525	100	4	3	213	168	74	65	–	234
SPC236-3-3020F	236	3	3020	75	3	3	85	180	17	51	–	246
SPC236-4-3525F	236	4	3525	100	4	3	111	180	23	65	–	246
SPC236-5-3525F	236	5	3525	100	4	3	136	180	36	65	–	246
SPC236-6-3525F	236	6	3525	100	4	3	162	180	48.5	65	–	246
SPC236-8-3525F	236	8	3525	100	4	3	213	180	74	65	–	246
SPC250-3-3020F	250	3	3020	75	3	3	85	194	17	51	–	260
SPC250-4-3525F	250	4	3525	100	4	3	111	194	23	65	–	260
SPC250-5-3525F	250	5	3525	100	4	3	136	194	35.5	65	–	260
SPC250-6-3525F	250	6	3525	100	4	3	162	194	49	65	–	260
SPC250-8-3525F	250	8	3525	100	4	3	213	194	74	65	–	260
SPC265-3-3525F	265	3	3525	100	4	1	85	209	10	65	179	275
SPC265-4-3525F	265	4	3525	100	4	3	111	209	23	65	–	275
SPC265-5-3525F	265	5	3525	100	4	3	136	209	35.5	65	–	275
SPC265-6-3525F	265	6	3525	100	4	3	162	209	49	65	–	275
SPC265-8-3525F	265	8	3525	100	4	3	213	209	74	65	–	275

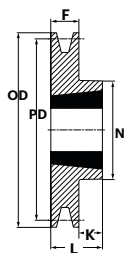
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes.

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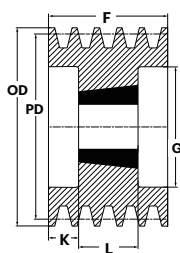
Pitch diameters in italic type indicate pulleys to be used with C V belts & SPC wedge belts only.

These pulleys are designed to operate at rim speeds upto 33m/sec, for higher speeds contact your local authorised distributor.

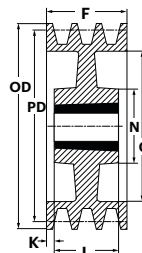
C, SPC & SPCX Taper Lock Pulleys



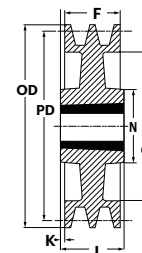
Type 1



Type 3



Type 7



Type 8

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPC280-3-3525F	280	3	3525	100	4	1	85	224	10	65	187	290
SPC280-4-3525F	280	4	3525	100	4	3	111	224	23	65	–	290
SPC280-5-3525F	280	5	3525	100	4	3	136	224	35.5	65	–	290
SPC280-6-3525F	280	6	3525	100	4	3	162	224	49	65	170	290
SPC280-8-3525F	280	8	3525	100	4	3	213	224	74	65	–	290
SPC300-3-3525F	300	3	3525	100	4	8	85	244	10	65	187	310
SPC300-4-3525F	300	4	3525	100	4	7	111	244	23	65	187	310
SPC300-5-3525F	300	5	3525	100	4	7	136	244	35.5	65	187	310
SPC300-6-3525F	300	6	3525	100	4	7	162	244	49	65	187	310
SPC300-8-3525F	300	8	3525	100	4	7	213	244	74	65	216	310
SPC315-3-3525F	315	3	3525	100	4	8	85	259	10	65	187	325
SPC315-4-3525F	315	4	3525	100	4	7	111	259	23	65	187	325
SPC315-5-3525F	315	5	3525	100	4	7	136	259	35.5	65	187	325
SPC315-6-3525F	315	6	3525	100	4	7	162	259	49	65	187	325
SPC315-8-3525F	315	8	3525	100	4	7	213	259	74	65	216	325
SPC335-3-3525F	335	3	3525	100	4	8	85	279	10	65	187	345
SPC335-4-3525F	335	4	3525	100	4	7	111	279	23	65	187	345
SPC335-5-3525F	335	5	3525	100	4	7	136	279	35.5	65	187	345
SPC335-6-3525F	335	6	3525	100	4	7	162	279	49	65	187	345
SPC335-8-3525F	335	8	3525	100	4	7	213	279	74	65	216	345
SPC355-3-3525F	355	3	3525	100	4	8	85	299	10	65	187	365
SPC355-4-3525F	355	4	3525	100	4	7	111	299	23	65	187	365
SPC355-5-3525F	355	5	3525	100	4	7	136	299	36	65	187	365
SPC355-6-3525F	355	6	3525	100	4	7	162	299	49	65	187	365
SPC355-8-3525F	355	8	3525	100	4	7	213	299	74	65	216	365
SPC375-3-3525F	375	3	3525	100	4	8	85	319	10	65	187	385
SPC375-4-3525F	375	4	3525	100	4	7	111	319	23	65	187	385
SPC375-5-3525F	375	5	3525	100	4	7	136	319	36	65	187	385
SPC375-6-3525F	375	6	3525	100	4	7	162	319	49	65	216	385
SPC375-8-4030F	375	8	4030	115	4-1/2	7	213	319	69	76	242	385

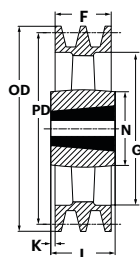
Dimensions in millimetres unless otherwise stated. * Non-preferred pulley sizes.

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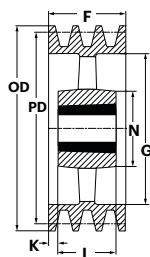
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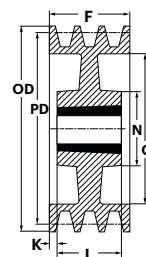
C, SPC & SPCX Taper Lock Pulleys



Type 4



Type 5



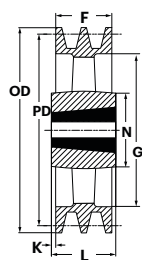
Type 7

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPC400-3-3525F	400	3	3525	100	4	4	85	344	10	65	187	410
SPC400-4-3525F	400	4	3525	100	4	5	111	344	23	65	187	410
SPC400-5-3525F	400	5	3525	100	4	5	136	344	35.5	65	187	410
SPC400-6-3525F	400	6	3525	100	4	7	162	344	48.5	65	216	410
SPC400-8-4030F	400	8	4030	115	4-1/2	7	213	344	68.5	76	242	410
SPC425-3-3525F	425	3	3525	100	4	4	85	369	10	65	187	435
SPC425-4-3525F	425	4	3525	100	4	5	111	369	23	65	187	435
SPC425-5-3525F	425	5	3525	100	4	5	136	369	35.5	65	216	435
SPC425-6-4535F	425	6	4535	125	5	7	162	369	36.5	89	242	435
SPC425-8-4535F	425	8	4535	125	5	7	213	369	62	89	267	435
SPC450-3-3525F	450	3	3525	100	4	4	85	394	10	65	187	460
SPC450-4-3525F	450	4	3525	100	4	5	111	394	23	65	187	460
SPC450-5-3525F	450	5	3525	100	4	5	136	394	35.5	65	216	460
SPC450-6-4535F	450	6	4535	125	5	7	162	394	36.5	89	242	460
SPC450-8-4535F	450	8	4535	125	5	7	213	394	62	89	267	460
SPC475-3-3525F	475	3	3525	100	4	4	85	419	10	65	187	485
SPC475-4-3525F	475	4	3525	100	4	5	111	419	23	65	187	485
SPC475-5-3525F	475	5	3525	100	4	5	136	419	35.5	65	216	485
SPC475-6-4535F	475	6	4535	125	5	7	162	419	36.5	89	242	485
SPC475-8-4535F	475	8	4535	125	5	7	213	419	62	89	267	485
SPC500-3-3525F	500	3	3525	100	4	4	85	444	10	65	187	510
SPC500-4-3525F	500	4	3525	100	4	5	111	444	23	65	187	510
SPC500-5-3525F	500	5	3525	100	4	5	136	444	35.5	65	216	510
SPC500-6-4535F	500	6	4535	125	5	5	162	444	36.5	89	242	510
SPC500-8-4535F	500	8	4535	125	5	7	213	444	62	89	267	510
SPC530-3-3525F	530	3	3525	100	4	4	85	474	10	65	187	540
SPC530-4-3525F	530	4	3525	100	4	5	111	474	23	65	187	540
SPC530-5-4535F	530	5	4535	125	5	5	136	474	23.5	89	216	540
SPC530-6-4535F	530	6	4535	125	5	5	162	474	36.5	89	242	540
SPC530-8-4535F	530	8	4535	125	5	7	213	474	62	89	267	540

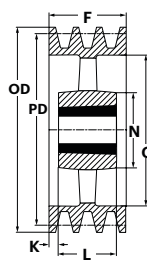
Dimensions in millimetres unless otherwise stated. Intermediate diameters available on a non-stock basis.

All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

C, SPC & SPCX Taper Lock Pulleys



Type 4



Type 5

Product Code	Pitch Dia. PD	No. of Grooves	Bush Number	Max. Bore		Pulley Type	F	G	K	L	N	Outside Dia. OD
				Metric	Inch							
SPC560-3-3525F	560	3	3525	100	4	4	85	504	10	65	216	570
SPC560-4-3525F	560	4	3525	100	4	5	111	504	23	65	216	570
SPC560-5-4535F	560	5	4535	125	5	5	136	504	23.5	89	242	570
SPC560-6-4535F	560	6	4535	125	5	5	162	504	36.5	89	267	570
SPC560-8-4535F	560	8	4535	125	5	5	213	504	62	89	267	570
SPC630-3-4030F	630	3	4030	115	4-1/2	4	85	574	4.5	76	246	640
SPC630-4-4030F	630	4	4030	115	4-1/2	4	111	574	17.5	76	242	640
SPC630-5-4535F	630	5	4535	125	5	5	136	574	23.5	89	267	640
SPC630-6-4535F	630	6	4535	125	5	5	162	574	36.5	89	267	640
SPC630-8-4535F	630	8	4535	125	5	5	213	574	62	89	267	640
SPC800-3-4535F	800	3	4535	125	5	4	85	737	2.5	89	242	810
SPC800-4-5040F	800	4	5040	125	5	4	111	737	4.5	102	267	810
SPC800-5-5040F	800	5	5040	125	5	5	136	737	17	102	267	810
SPC800-6-5040F	800	6	5040	125	5	5	162	737	30	102	267	810
SPC800-8-5040F	800	8	5040	125	5	5	213	737	55.5	102	267	810
SPC1000-3-5040F	1000	3	5040	125	5	4	85	937	8.5	102	267	1010
SPC1000-4-5040F	1000	4	5040	125	5	4	111	937	4.5	102	267	1010
SPC1000-5-5040F	1000	5	5040	125	5	5	136	937	17	102	267	1010
SPC1000-6-5040F	1000	6	5040	125	5	5	162	937	30	102	267	1010
SPC1000-8-5040F	1000	8	5040	125	5	5	213	937	55.5	102	267	1010
SPC1250-3-5040F	1250	3	5040	125	5	4	85	1187	8.5	102	267	1260
SPC1250-4-5040F	1250	4	5040	125	5	4	111	1187	4.5	102	267	1260
SPC1250-5-5040F	1250	5	5040	125	5	5	136	1187	17	102	267	1260
SPC1250-6-5040F	1250	6	5040	125	5	5	162	1187	30	102	267	1260
SPC1250-8-5040F	1250	8	5040	125	5	5	213	1187	55.5	102	267	1260

Dimensions in millimetres unless otherwise stated. Intermediate diameters available on a non-stock basis.

All envelope, prime functional and Taper Lock bush dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

Taper Lock® Metric Bush

Metric Bores & Keyways



Bore Dia	Keyway		Shallow Keyway Depth	Product Code								
	Width	Depth		1008	1108	1210	1610	1615	2012	2517	3020	3030
9	3	1.4	-	1008-009FEN	1108-009FEN							
10	3	1.4	-	1008-010FEN	1108-010FEN							
11	4	1.8	-	1008-011FEN	1108-011FEN	1210-011FEN						
12	4	1.8	-	1008-012FEN	1108-012FEN	1210-012FEN						
14	5	2.3	-	1008-014FEN	1108-014FEN	1210-014FEN	1610-014FEN	1615-014FEN	2012-014FEN			
15	5	2.3	-	1008-015FEN	1108-015FEN	1210-015FEN	1610-015FEN	1615-015FEN	2012-015FEN			
16	5	2.3	-	1008-016FEN	1108-016FEN	1210-016FEN	1610-016FEN	1615-016FEN	2012-016FEN	2517-016FEN		
18	6	2.8	-	1008-018FEN	1108-018FEN	1210-018FEN	1610-018FEN	1615-018FEN	2012-018FEN	2517-018FEN		
19	6	2.8	-	1008-019FEN	1108-019FEN	1210-019FEN	1610-019FEN	1615-019FEN	2012-019FEN	2517-019FEN		
20	6	2.8	-	1008-020FEN	1108-020FEN	1210-020FEN	1610-020FEN	1615-020FEN	2012-020FEN	2517-020FEN		
22	6	2.8	-	1008-022FEN	1108-022FEN	1210-022FEN	1610-022FEN	1615-022FEN	2012-022FEN	2517-022FEN		
24	8	3.3	1.3	1008-024FEN	1108-024FEN	1210-024FEN	1610-024FEN	1615-024FEN	2012-024FEN	2517-024FEN		
25	8	3.3	1.3	1008-025FEN	1108-025FEN	1210-025FEN	1610-025FEN	1615-025FEN	2012-025FEN	2517-025FEN	3020-025FEN	
28	8	3.3	1.3		1108-028FEN	1210-028FEN	1610-028FEN	1615-028FEN	2012-028FEN	2517-028FEN	3020-028FEN	
30	8	3.3	-			1210-030FEN	1610-030FEN	1615-030FEN	2012-030FEN	2517-030FEN	3020-030FEN	
32	10	3.3	-			1210-032FEN	1610-032FEN	1615-032FEN	2012-032FEN	2517-032FEN	3020-032FEN	
35	10	3.3	-				1610-035FEN	1615-035FEN	2012-035FEN	2517-035FEN	3020-035FEN	3030-035FEN
38	3.3	10	-				1610-038FEN	1615-038FEN	2012-038FEN	2517-038FEN	3020-038FEN	3030-038FEN
40	3.3	12	-				1610-040FEN	1615-040FEN	2012-040FEN	2517-040FEN	3020-040FEN	3030-040FEN
42	3.3	12	2.2				1610-042FEN	1615-042FEN	2012-042FEN	2517-042FEN	3020-042FEN	3030-042FEN
45	3.8	14	-						2012-045FEN	2517-045FEN	3020-045FEN	3030-045FEN
48	3.8	14	-						2012-048FEN	2517-048FEN	3020-048FEN	3030-048FEN
50	3.8	14	-						2012-050FEN	2517-050FEN	3020-050FEN	3030-050FEN
55	4.3	16	-							2517-055FEN	3020-055FEN	3030-055FEN
60	4.4	18	-							2517-060FEN	3020-060FEN	3030-060FEN
65	4.4	18	-								3020-065FEN	3030-065FEN
70	4.9	20	-								3020-070FEN	3030-070FEN
75	4.9	20	-								3020-075FEN	3030-075FEN

Bore Dia	Keyway		Shallow Keyway Depth	Product Code							
	Width	Depth		3525	3535	4030	4040	4535	4545	5040	5050
35	10	3.3	-	3525-035FEN	3535-035FEN						
38	10	3.3	-	3525-038FEN	3535-038FEN						
40	12	3.3	-	3525-040FEN	3535-040FEN	4030-040FEN	4040-040FEN				
42	12	3.3	-	3525-042FEN	3535-042FEN	4030-042FEN	4040-042FEN				
45	14	3.8	-	3525-045FEN	3535-045FEN	4030-045FEN	4040-045FEN				
48	14	3.8	-	3525-048FEN	3535-048FEN	4030-048FEN	4040-048FEN				
50	14	3.8	-	3525-050FEN	3535-050FEN	4030-050FEN	4040-050FEN				
55	16	4.3	-	3525-055FEN	3535-055FEN	4030-055FEN	4040-055FEN	4535-055FEN	4545-055FEN		
60	18	4.4	-	3525-060FEN	3535-060FEN	4030-060FEN	4040-060FEN	4535-060FEN	4545-060FEN		
65	18	4.4	-	3525-065FEN	3535-065FEN	4030-065FEN	4040-065FEN	4535-065FEN	4545-065FEN		
70	20	4.9	-	3525-070FEN	3535-070FEN	4030-070FEN	4040-070FEN	4535-070FEN	4545-070FEN	5040-070FEN	5050-070FEN
75	20	4.9	-	3525-075FEN	3535-075FEN	4030-075FEN	4040-075FEN	4535-075FEN	4545-075FEN	5040-075FEN	5050-075FEN
80	22	5.4	-	3525-080FEN	3535-080FEN	4030-080FEN	4040-080FEN	4535-080FEN	4545-080FEN	5040-080FEN	5050-080FEN
85	22	5.4	-	3525-085FEN	3535-085FEN	4030-085FEN	4040-085FEN	4535-085FEN	4545-085FEN	5040-085FEN	5050-085FEN
90	25	5.4	-	3525-090FEN	3535-090FEN	4030-090FEN	4040-090FEN	4535-090FEN	4545-090FEN	5040-090FEN	5050-090FEN
95	25	5.4	-	3525-095FEN		4030-095FEN	4040-095FEN	4535-095FEN	4545-095FEN	5040-095FEN	5050-095FEN
100	28	6.4	4.4	3525-100FEN		4030-100FEN	4040-100FEN	4535-100FEN	4545-100FEN	5040-100FEN	5050-100FEN
105	28	6.4	-			4030-105FEN		4535-105FEN	4545-105FEN	5040-105FEN	5050-105FEN
110	28	6.4	-			4030-110FEN		4535-110FEN	4545-110FEN	5040-110FEN	5050-110FEN
115	32	7.4	5.4			4030-115FEN		4535-115FEN		5040-115FEN	5050-115FEN
120	32	7.4	-					4535-120FEN		5040-120FEN	5050-120FEN
125	32	7.4	-					4535-125FEN		5040-125FEN	5050-125FEN

Dimensions in millimetres.

Keyways are British Standard Metric BS 4235: Part 1: 1972 DIN 6885 and conform to ISO recommendations with the exception of those marked* which are shallower. Where a key is to be used it should be parallel and side fitting, with top clearance. Depth of keyway is measured at the CENTRE.

Bold type indicates bushes made of steel or ductile iron.

Taper Lock® Imperial Bush

Imperial Bores & Keyways



Bore Dia	Keyway		Shallow Keyway Depth	Product Code								
	Width	Depth		1008	1108	1210	1610	1615	2012	2517	3020	3030
0.375	0.125	0.06	-	1008-3/8FEN	1108-3/8FEN							
0.500	0.125	0.06	-	1008-1/2FEN	1108-1/2FEN		1610-1/2FEN	1615-1/2FEN				
0.625	0.187	0.09	-	1008-5/8FEN	1108-5/8FEN	1210-5/8FEN	1610-5/8FEN	1615-5/8FEN				
0.750	0.187	0.09	-	1008-3/4FEN	1108-3/4FEN	1210-3/4FEN	1610-3/4FEN	1615-3/4FEN	2012-3/4FEN	2517-3/4FEN		
0.875	0.250	0.12	-	1008-7/8FEN	1108-7/8FEN	1210-7/8FEN	1610-7/8FEN	1615-7/8FEN	2012-7/8FEN	2517-7/8FEN		
1.000	0.250	0.12	0.052	1008-1FEN	1108-1FEN	1210-1FEN	1610-1FEN	1615-1FEN	2012-1FEN	2517-1FEN		
1.125	0.312	0.11	0.064		1108-1-1/8FEN	1210-1-1/8FEN	1610-1-1/8FEN	1615-1-1/8FEN	2012-1-1/8FEN	2517-1-1/8FEN		
1.250	0.312	0.11	-			1210-1-1/4FEN	1610-1-1/4FEN	1615-1-1/4FEN	2012-1-1/4FEN	2517-1-1/4FEN	3020-1-1/4FEN	3030-1-1/4FEN
1.375	0.375	0.11	-				1610-1-3/8FEN	1615-1-3/8FEN	2012-1-3/8FEN	2517-1-3/8FEN	3020-1-3/8FEN	3030-1-3/8FEN
1.500	0.375	0.11	-				1610-1-1/2FEN	1615-1-1/2FEN	2012-1-1/2FEN	2517-1-1/2FEN	3020-1-1/2FEN	3030-1-1/2FEN
1.625	0.437	0.13	0.103				1610-1-5/8FEN	1615-1-5/8FEN	2012-1-5/8FEN	2517-1-5/8FEN	3020-1-5/8FEN	3030-1-5/8FEN
1.750	0.437	0.13	-						2012-1-3/4FEN	2517-1-3/4FEN	3020-1-3/4FEN	3030-1-3/4FEN
1.875	0.500	0.13	-						2012-1-7/8FEN	2517-1-7/8FEN	3020-1-7/8FEN	3030-1-7/8FEN
2.000	0.500	0.13	-						2012-2FEN	2517-2FEN	3020-2FEN	3030-2FEN
2.125	0.625	0.18	-							2517-2-1/8FEN	3020-2-1/8FEN	3030-2-1/8FEN
2.250	0.625	0.18	-							2517-2-1/4FEN	3020-2-1/4FEN	3030-2-1/4FEN
2.375	0.625	0.18	-							2517-2-3/8FEN	3020-2-3/8FEN	3030-2-3/8FEN
2.500	0.625	0.18	-							2517-2-1/2FEN	3020-2-1/2FEN	3030-2-1/2FEN
2.625	0.750	0.21	-								3020-2-5/8FEN	3030-2-5/8FEN
2.750	0.750	0.21	-								3020-2-3/4FEN	3030-2-3/4FEN
2.875	0.750	0.21	-								3020-2-7/8FEN	3030-2-7/8FEN
3.000	0.750	0.21	-								3020-3FEN	3030-3FEN

Bore Dia	Keyway		Shallow Keyway Depth	Product Code							
	Width	Depth		3525	3535	4030	4040	4535	4545	5040	5050
1.500	0.375	0.11	-	3525-1-1/2FEN	3535-1-1/2FEN						
1.625	0.437	0.13	-	3525-1-5/8FEN	3535-1-5/8FEN						
1.750	0.437	0.13	-	3525-1-3/4FEN	3535-1-3/4FEN	4030-1-3/4FEN	4040-1-3/4FEN				
1.875	0.500	0.13	-	3525-1-7/8FEN	3535-1-7/8FEN	4030-1-7/8FEN	4040-1-7/8FEN				
2.000	0.500	0.13	-	3525-2FEN	3535-2FEN	4030-2FEN	4040-2FEN				
2.125	0.625	0.18	-	3525-2-1/8FEN	3535-2-1/8FEN	4030-2-1/8FEN	4040-2-1/8FEN				
2.250	0.625	0.18	-	3525-2-1/4FEN	3535-2-1/4FEN	4030-2-1/4FEN	4040-2-1/4FEN	4535-2-1/4FEN	4545-2-1/4FEN		
2.375	0.625	0.18	-	3525-2-3/8FEN	3535-2-3/8FEN	4030-2-3/8FEN	4040-2-3/8FEN	4535-2-3/8FEN	4545-2-3/8FEN		
2.500	0.625	0.18	-	3525-2-1/2FEN	3535-2-1/2FEN	4030-2-1/2FEN	4040-2-1/2FEN	4535-2-1/2FEN	4545-2-1/2FEN		
2.625	0.750	0.21	-	3525-2-5/8FEN	3535-2-5/8FEN	4030-2-5/8FEN	4040-2-5/8FEN	4535-2-5/8FEN	4545-2-5/8FEN		
2.750	0.750	0.21	-	3525-2-3/4FEN	3535-2-3/4FEN	4030-2-3/4FEN	4040-2-3/4FEN	4535-2-3/4FEN	4545-2-3/4FEN	5040-2-3/4FEN	5050-2-3/4FEN
2.875	0.750	0.21	-	3525-2-7/8FEN	3535-2-7/8FEN	4030-2-7/8FEN	4040-2-7/8FEN	4535-2-7/8FEN	4545-2-7/8FEN	5040-2-7/8FEN	5050-2-7/8FEN
3.000	0.750	0.21	-	3525-3FEN	3535-3FEN	4030-3FEN	4040-3FEN	4535-3FEN	4545-3FEN	5040-3FEN	5050-3FEN
3.125	0.875	0.26	-	3525-3-1/8FEN	3535-3-1/8FEN	4030-3-1/8FEN	4040-3-1/8FEN	4535-3-1/8FEN	4545-3-1/8FEN	5040-3-1/8FEN	5050-3-1/8FEN
3.250	0.875	0.26	-	3525-3-1/4FEN	3535-3-1/4FEN	4030-3-1/4FEN	4040-3-1/4FEN	4535-3-1/4FEN	4545-3-1/4FEN	5040-3-1/4FEN	5050-3-1/4FEN
3.375	0.875	0.26	-	3525-3-3/8FEN	3535-3-3/8FEN	4030-3-3/8FEN	4040-3-3/8FEN	4535-3-3/8FEN	4545-3-3/8FEN	5040-3-3/8FEN	5050-3-3/8FEN
3.500	0.875	0.26	-	3525-3-1/2FEN	3535-3-1/2FEN	4030-3-1/2FEN	4040-3-1/2FEN	4535-3-1/2FEN	4545-3-1/2FEN	5040-3-1/2FEN	5050-3-1/2FEN
3.750	1.000	0.32	0.245	3525-3-3/4FEN		4030-3-3/4FEN	4040-3-3/4FEN	4535-3-3/4FEN	4545-3-3/4FEN	5040-3-3/4FEN	5050-3-3/4FEN
4.000	1.000	0.32	0.155	3525-4FEN		4030-4FEN	4040-4FEN	4535-4FEN	4545-4FEN	5040-4FEN	5050-4FEN
4.250	1.250	0.37	-			4030-4-1/4FEN		4535-4-1/4FEN	4545-4-1/4FEN	5040-4-1/4FEN	5050-4-1/4FEN
4.500	1.250	0.37	0.255			4030-4-1/2FEN		4535-4-1/2FEN	4545-4-1/2FEN	5040-4-1/2FEN	5050-4-1/2FEN
4.750	1.250	0.37	-					4535-4-3/4FEN		5040-4-3/4FEN	5050-4-3/4FEN
5.000	1.250	0.37	0.258					4535-5FEN		5040-5FEN	5050-5FEN

Dimensions in inches.

All Keyways are parallel and to British Standard 46: Part 1: 1958, with the exception of those marked* which are shallower.

Where a key is to be used it should be side fitting, with top clearance. Depth of keyway is measured at the CENTRE.

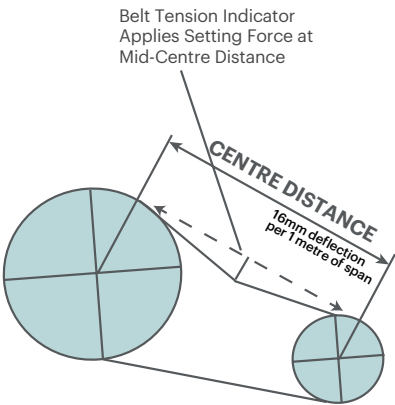
Bold type indicates bushes made of steel or ductile iron.



Belt Tension Indicator

Product Code: **230A0000FEN #**

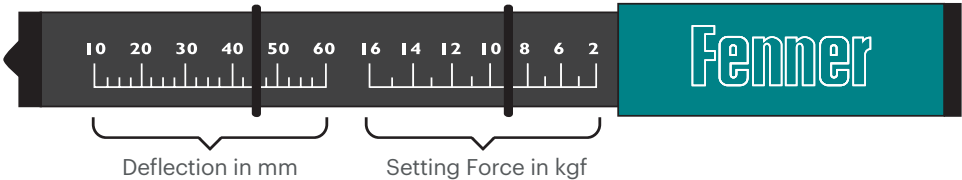
The Fenner® Belt Tension Indicator is a simple tool that helps ensure accurate belt tension - a correctly tensioned drive avoids belt slippage which can reduce overall drive efficiency.



Belt Section	Small Pulley Diameter	Setting Force to Deflect Belt 16mm per metre of span			
		Basic Setting Forces		1.25 x Setting Forces	
		Newton (kg)	Kilograms (kgf)	Newton (kg)	Kilograms (kgf)
SPZ XPZ	56 to 71	16	1.6	20	2.0
	75 to 90	18	1.8	22	2.2
	95 to 125	20	2.0	25	2.5
	Over 125	22	2.2	28	2.8
SPA XPA	56 to 71	22	2.2	28	2.8
	75 to 90	30	3.0	38	3.9
	95 to 125	36	3.7	45	4.6
	Over 125	40	4.0	50	5.1
SPB XPB	56 to 71	40	4.0	50	5.1
	75 to 90	50	5.1	62	6.3
	95 to 125	62	6.3	77	7.9
	Over 125	65	6.6	81	8.3
SPC XPC	56 to 71	70	7.1	87	8.9
	75 to 90	92	9.4	115	12
	95 to 125	115	12	144	15
	Over 125	150	15	190	19
Z	335 & Above	5 to 7.5	0.5 to 0.8		
A & HA Banded	56 to 100	10 to 15	1.0 to 1.5		
B	80 to 140	20 to 30	2.0 to 3.1		
C	125 to 200	40 to 60	4.1 to 6.1		
D	200 to 400	70 to 105	7.1 to 10.7		

The setting forces in the table are designed to cover a wide range of drives. A precise setting force for individual applications can be calculated. Please consult Motion Technical Services, or use the ‘Fenner Select’ design software.

Fenner® Belt Tension Indicator

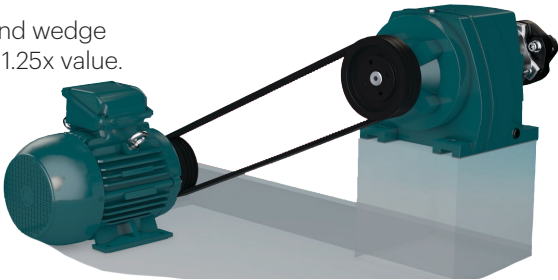


"ONE SHOT" TENSIONING

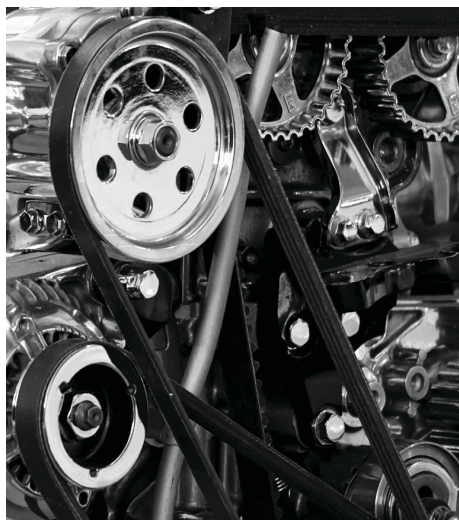
Fenner® Belts are built to ensure precise inherent length and to stay matched during storage and on the drive. Over many years, the principle of "one shot" tensioning has been verified by successful drives the world over.

- » Install the belts to be a snug fit around the pulleys.
- » Spin the pulleys 3-4 revolutions to bed belts into the pulley grooves.
(Note: if done manually, beware of finger entrapment between belts and pulleys)
- » Tension the belts to the 1.25 x setting forces from the table.
- » Run the drive under load for 15-20 minutes.
- » Stop the drive, check tension & reset to the basic value (standard vee and wedge belts) If necessary. CRE Plus & Quattro Plus belts should be reset to the 1.25x value.

With a drive that is properly designed for the application there should be no need for further attention during the life of the belts. For short centre distance drives where the deflection of the belt is too small to measure accurately it is recommended that both deflection and setting force be doubled.



Item available on request



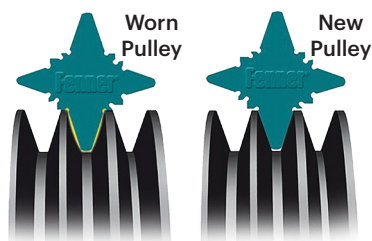
Method of belt tensioning using Fenner® Belt Tension Indicator

- » Calculate the deflection in mm on a basis of 16mm per metre of centre distance. Centre distance (metres) x 16 = deflection (mm).
- » Set the lower marker ring at the deflection distance required in mm on the lower scale.
- » Set the upper marker ring against the bottom edge of the top tube.
- » Place the belt tension indicator on top of the belt at the centre of span, and apply a force at right angles to the belt, deflecting it to the point where the lower marker ring is level with the top of an adjacent belt.
- » Read off the setting force value indicated by the top edge of the upper marker ring.
- » Compare this force to the kgf value shown in the table.
- » If a Fenner Belt Tension Indicator is not available, a spring balance and rule will suffice.
- » With banded belts use a bar across the band width to ensure even distribution of the force and divide the force measured by the number of belts in the band for comparison with the values in the table above.

Fenner® Drive Alignment Laser

The Fenner Drive Alignment Laser is the perfect tool for pulley and sprocket alignment. Applied magnetically in just a few seconds, the laser line projects onto targets allowing rapid adjustment for perfect alignment.

Product Code: **D90FENALIGN #**

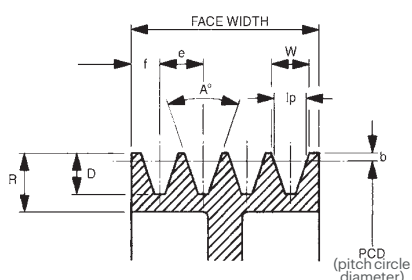


Pulley Groove Gauge

When installing new belts, the condition of the pulleys is often overlooked. 50% of new belts are fitted to worn pulleys, which can waste up to 10% of your energy input. The Fenner® groove gauge can quickly help you assess the health of your pulleys.



Pulley Groove Dimensions



Belt Section	Pulley PCD	A° ± 0.5°	D + 0.03 - 0.0	e* ± 0.15	f ± 0.3	b ± 0.13	lp	W	R NOM
SPZ Dual Groove	Up to 80 Over 80	34 38	11.0	12	8	2.0	8.5	9.7 9.9	17.25
SPA Dual Groove	Up to 118 Over 118	34 38	13.75	15	10	2.75	11	12.7 12.9	21.25
SPB Dual Groove	Up to 190 Over 190	34 38	17.5	19	12.5	3.5	14	16.1 16.4	27.25
SPC Dual Groove	Up to 315 Over 315	34 38	23.8	25.5	17	4.8	19	21.9 22.3	37.25

*e dimension - the tolerance shown is between any two grooves.



Belt Efficiency Kit

Product Code: **230K0000FEN #**

Get the most from your wedge belt drives with the Fenner Belt Efficiency Kit. The kit contains all the tools necessary to help achieve optimum performance: Belt Tension Indicator, Pulley Groove Gauge and a simple guide to efficient wedge belt efficiency.

Item available on request



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