

# DRIVES & POWER TRANSMISSION

**BROOK CROMPTON**

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**Continental**  
CONTITECH

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**FALK**

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**Fenner**

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**GRUNDFOS**

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**hydro**  
marque

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**IR Ingersoll Rand**  
Inspiring Progress™

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**INTERROLL**

INSPIRED BY  
EFFICIENCY

See pages 86-87

**JABSCO**

a xylem brand

See pages 106-107

**RENOLD**

See pages 81-85

**REXNORD**  
PRECISION. POWER. PERFORMANCE.

See page 75

**seepex.com**

all things flow

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**Weg**

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## QUICK REFERENCE



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TRANSMISSION

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to find your local Service Centre

## Power Transmission

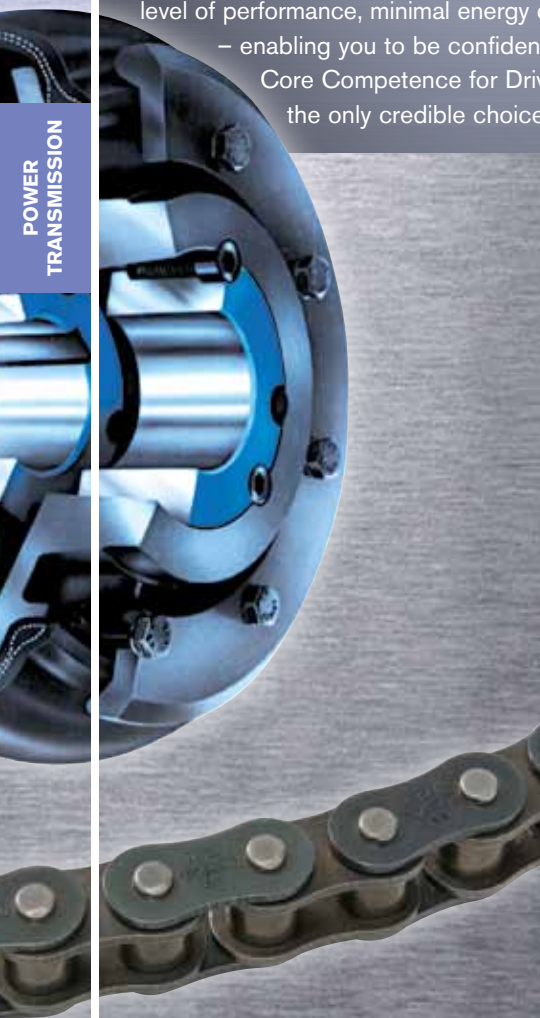
## TECHKNOWLEDGEY



True reliability is more than simply continuous operation. It means a continuous level of performance, minimal energy consumption and a predictable lifespan – enabling you to be confident in your business planning. ERIKS Core Competence for Drives and Power Transmissions is the only credible choice for a sustainable solutions.



POWER TRANSMISSION



**ERIKS has the resources and know-how to repair and maintain your existing drives and pumps.**

**Product Range:****Power Transmissions**

- Friction belts and pulleys
- Synchronous belts and pulleys
- Chain and sprockets
- Conveyor chain
- Couplings
- Shaft fixings

**Drives**

- Gearboxes
- Geared motors
- Electric motors
- Frequency inverters
- Starters and controllers
- Automation

**Customised Solutions:**

- In-house belt cutting service
- In-house sprocket reworking
- Coupling modifications
- Gearbox and motor modifications to suit design
- In-house gearbox assembly for fast turnaround
- Product customisation, assembly and testing

**Reducing your****Total Cost of Ownership:**

- Online repair/replace selectors
- Online product selectors
- Energy saving upgrades
- Energy monitoring and audits
- Funding advice and savings
- Application payback calculations
- Online installation videos

**Your Complete Drives Solution:**

- Unrivalled in-house application and technical support
- Unbiased brand and product solutions
- Improved plant/application efficiency
- Reduce energy consumption



**ULTRA PLUS 150**

Fenner Ultra PLUS 150 drive belts are specifically designed for applications where rugged durability is paramount, combining the highest level of performance with the longest service life possible.

- Greater reliability and working life
- Increased power rating potentially reducing the number of belts required and grooves on a pulley
- Length stability, minimal stretch and elongation



**NEO**

The Fenner QD:Neo offers the perfect combination of high performance and ease of use, providing a solid solution for even the most demanding of applications. The Fenner QD:Neo is suitable for use with both standard induction and permanent magnet motors.

- Sensorless vector control: Up to 200% torque from 0 speed ensures reliable starting and accurate speed control
- PM motor control future proof: Can be upgraded to the latest high efficiency permanent magnet motors
- I/O & Communications: The Fenner QD:Neo supports a wide range of machine control system interfaces



**DESIGN CAPABILITY**

The vast range of ERIKS drive components gives our drive design engineers the freedom to design and build complete solutions for our customers no matter what the driver is. Using standard components from the range allied with specially designed and produced components, ERIKS can design, draw and produce the ideal package depending on your specific cost, longevity or total cost of ownership requirement.



# Fenner®

## The Performance Standard

Fenner belt drives have an enviable worldwide reputation achieved by performing in the harshest of environments. From high power drives in quarries through critical pumps in chemical processing plants, to the smallest heating and ventilation fans, Fenner belt drives have continued to provide exceptional service over the past 150 years.

[www.fptgroup.com](http://www.fptgroup.com)

### Classical Vee Belts

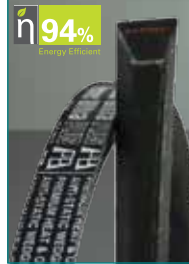


**Sections:** Z, A, B, C and D  
**Length:** 370–13700mm  
 The first precision built vee belt product.  
**Relative power 75%**

**B2000-FEN**

Belt Section	Pitch Length (mm)	Fenner Brand
--------------	-------------------	--------------

### Ultra PLUS Wedge Belts



**Sections:** SPZ, SPA, SPB, SPC, 8V  
**Length:** 487–12500mm  
 Increased section depth, upgraded materials and precision built for superior length matching.  
**Relative power 100%**

**SPB2240-FEN**

Belt Section	Pitch Length (mm)	Fenner Brand
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### CRE PLUS Wedge Belts



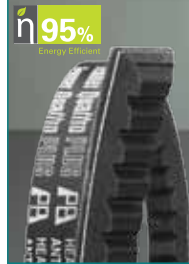
**Sections:** XPZ, XPA, XPB, XPC,  
**Length:** 630–5000mm  
 Cogged construction using fibre re-inforced polychloroprene rubber, giving increased power transmission capacity.  
**Relative power 110%**



**SPA1400CRE-FEN**

Belt Section	Pitch Length (mm)	Belt Type	Fenner Brand
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### Quattro PLUS CRE Belts



**Sections:** QXPZ, QXPA, QXPB, QXPC  
**Length:** 630–5000mm  
 Premium CRE construction using fibre re-inforced polychloroprene rubber giving increased power transmission and efficiency.  
**Relative power 130%**



**SPA1400FOZ-Q-FEN**

Belt Section	Pitch Length (mm)	Belt Type	Fenner Brand
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### Ultra PLUS 150 Wedge Belts



**Sections:** USPB, USPC  
**Length:** 1600–12500mm  
 Asymmetric weave outer jacket, polychloroprene rubber core with high tensile aramid cords provide excellent length stability, tensile strength and increased power transmission.  
**Relative power 150%**



**SPC7500ULTRA150-FEN**

Belt Section	Pitch Length (mm)	Belt Type	Fenner Brand
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### Classical Timing Belts

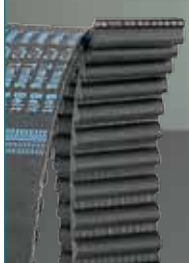


**Widths:** ¼"–4"  
**Pitches:** XL, L, H, XH, XXH  
 The original rubber timing belt with trapezoidal tooth form.  
**Relative power 65%**

**240XL037-FEN**

Length (inch)	Pitch	Width (inch)	Fenner Brand
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### High Torque Drive (HTD) Belts

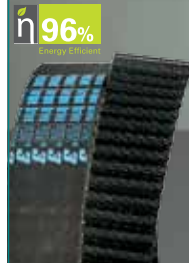


**Widths:** 9–170mm  
**Pitches:** 5, 8, 14mm  
 Next generation of synchronous belt with polyester cords and a curvilinear tooth form.  
**Relative power 100%**

**1040-8M30-FEN**

Length (mm)	Pitch (mm)	Width (mm)	Fenner Brand
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### Torque Drive PLUS 3 (TDP3)



**Widths:** 20–170mm  
**Pitches:** 8, 14mm  
 State-of-the-art belt with glass fibre cords, curvilinear tooth form and chloroprene rubber material.  
**Relative power 150%**



**14MXP-3150-55-FEN**

Pitch (mm)	Length (mm)	Width (mm)	Fenner Brand
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**Go DIRECT**  
 To your Local Service Centre

# Fenner® Ultra Plus 150

The new generation of heavy duty drive belt for the harshest of environments...



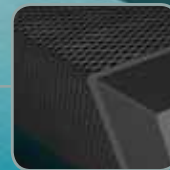
## 50% more power

High Tensile Aramid Cords transmit 50% more power than standard wrapped wedge belts.



## Unsurpassed strength

Fibre reinforced polychloroprene rubber supports the cords and ensures unsurpassed rigidity when installed.



## 96% energy efficiency

A-symmetrical weave outer jacket produces belt length stability second to none, guaranteeing unbeatable efficiency.

Fenner's Ultra Plus 150 drive belts are specifically designed for applications where rugged durability is paramount, combining the highest level of performance with the longest service life possible.

**h 96%**  
Energy Efficient

State of the art, high efficiency drive belt engineering

[www.fptgroup.com](http://www.fptgroup.com)

### Ideal for heavy duty applications :

- > Waste compactors
- > Shredders
- > Crushers
- > Heavy duty conveyors
- > Bucket elevators
- > Woodworking machinery
- > Quarry plant
- > Saw mills
- > Calendars
- > Compressors



Fenner is a registered trade mark of J. H. Fenner & Co.

# Fenner®

THE MARK OF ENGINEERING EXCELLENCE

# Fenner®

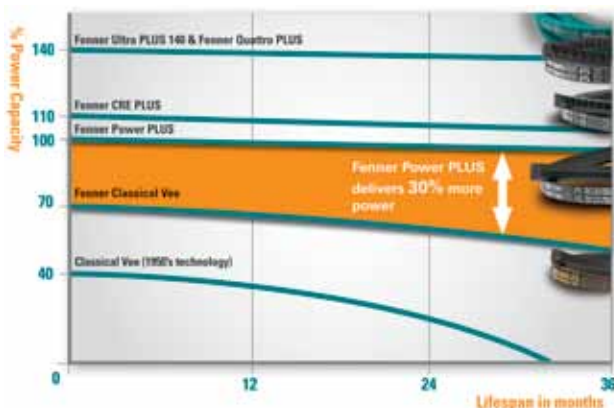
## Classic Vee Belts... Ever Considered Trading Up?

[www.fptgroup.com](http://www.fptgroup.com)

Vee Belts offer a versatile and economical low maintenance drive which is standardised throughout the world.

Fenner Classic Vee Belts are fully approved to all international standards allowing for optimised drives for compact size and economy.

**However, the Fenner range of Power PLUS wrapped wedge belts transmit significantly more power than the classical vee product and run in the same pulleys!**



Available in Z, A, B, C, D Sections  
From 370-13700mm

**B2000-FEN**  
Belt Section Pitch Length (mm) Fenner Brand

### Increase performance and reduce costs by upgrading your belts.

A well known aggregate production plant was encountering problems with a fan on their site. The maintenance team were replacing drive belts on a basis which was becoming more and more frequent and the situation couldn't continue.

After a site visit, the problems with this drive were self-evident to the ERIKS Drives Core Competence Centre. Not only were the pulley grooves severely worn, the customer was using classic vee belts C4450 because he thought he could not get direct wedge belt replacements.

He was offered a drive solution comprising of new pulleys, SPC4500 wedge belts and it was explained to him that 50mm difference in belt length actually meant a difference of only 12mm on his centre distance which he could more than cope with.

Due to the upgrade to wedge belts the customer was also able to reduce the number of drive belts from 12 to 8 which also gave the added benefit of less over hung load on the fan and motor bearings.

*He used the S.C.I.E.N.C.E. and upgraded to new technology. why don't you?*

## PowerTwist PLUS®

State-of-the-art solution for emergency replacement and fitment into inaccessible areas.

- Available in 1m and 2m lengths or 10m boxed lengths
- Available with special backings for use in conveying applications
- Water, chemical and oil resistance
- Operates in a wide temperature range (-40°C to 110°C)
- Available ex-stock
- Specials also available, Double V sections and ground round sections

### Fenner PowerTwist PLUS®

Part No	Description
POWERTWIST-Z	Z Section Link Belting
POWERTWIST-A	A Section Link Belting
POWERTWIST-B	B Section Link Belting
POWERTWIST-C	C Section Link Belting
POWERTWIST-AA	A Section Double-sided Link Belting
POWERTWIST-BB	B Section Double-sided Link Belting



**DIRECT Attention**  
Workshops offering repair or replacement

# Ultra PLUS Wedge Belts

Fenner Ultra PLUS Wedge belts are precision built (PB) allowing extended life, offering superior anti-static, heat and oil resistant properties.

- Ideal for use in single or multi-belt drives
- One shot tensioning for fit and forget applications
- Will not self-ignite under severe slip/stall conditions



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## Fenner Ultra PLUS Wedge Belts - Wrapped SPZ Section



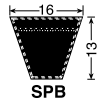
Part No	Pitch Length (mm)
SPZ630-FEN	630
SPZ670-FEN	670
SPZ710-FEN	710
SPZ750-FEN	750
SPZ800-FEN	800
SPZ850-FEN	850
SPZ900-FEN	900
SPZ940-FEN	940
SPZ950-FEN	950
SPZ1000-FEN	1000
SPZ1010-FEN	1010
SPZ1060-FEN	1060
SPZ1080-FEN	1080
SPZ1120-FEN	1120
SPZ1140-FEN	1140
SPZ1162-FEN	1162
SPZ1180-FEN	1180
SPZ1200-FEN	1200
SPZ1212-FEN	1212
SPZ1250-FEN	1250
SPZ1270-FEN	1270
SPZ1320-FEN	1320
SPZ1340-FEN	1340
SPZ1362-FEN	1362
SPZ1400-FEN	1400
SPZ630-FEN	630
SPZ670-FEN	670
SPZ710-FEN	710
SPZ750-FEN	750
SPZ800-FEN	800
SPZ850-FEN	850
SPZ900-FEN	900
SPZ940-FEN	940
SPZ950-FEN	950
SPZ1000-FEN	1000
SPZ1010-FEN	1010
SPZ1060-FEN	1060
SPZ1080-FEN	1080
SPZ1120-FEN	1120
SPZ1140-FEN	1140
SPZ1162-FEN	1162
SPZ1180-FEN	1180
SPZ1200-FEN	1200
SPZ1212-FEN	1212
SPZ1250-FEN	1250
SPZ1270-FEN	1270
SPZ1320-FEN	1320
SPZ1340-FEN	1340
SPZ1362-FEN	1362
SPZ1400-FEN	1400

## Fenner Ultra PLUS Wedge Belts - Wrapped SPA Section



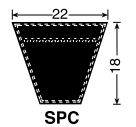
Part No	Pitch Length (mm)
SPA850-FEN	850
SPA900-FEN	900
SPA950-FEN	950
SPA1000-FEN	1000
SPA1060-FEN	1060
SPA1090-FEN	1090
SPA1120-FEN	1120
SPA1150-FEN	1150
SPA1180-FEN	1180
SPA1207-FEN	1207
SPA1220-FEN	1220
SPA1250-FEN	1250
SPA1280-FEN	1280
SPA1320-FEN	1320
SPA1357-FEN	1357
SPA1360-FEN	1360
SPA1400-FEN	1400
SPA1450-FEN	1450
SPA1500-FEN	1500
SPA1550-FEN	1550
SPA1582-FEN	1582
SPA1600-FEN	1600
SPA1632-FEN	1632
SPA1650-FEN	1650
SPA1700-FEN	1700
SPA1750-FEN	1750
SPA1757-FEN	1757
SPA1800-FEN	1800
SPA1850-FEN	1850
SPA1900-FEN	1900
SPA1950-FEN	1950
SPA2000-FEN	2000
SPA2060-FEN	2060
SPA2120-FEN	2120
SPA2180-FEN	2180
SPA2240-FEN	2240
SPA2300-FEN	2300
SPA2360-FEN	2360
SPA2430-FEN	2430
SPA2500-FEN	2500
SPA2580-FEN	2580
SPA2650-FEN	2650
SPA2720-FEN	2720
SPA2800-FEN	2800
SPA3000-FEN	3000
SPA3150-FEN	3150
SPA3350-FEN	3350
SPA3550-FEN	3550
SPA3750-FEN	3750
SPA4000-FEN	4000

## Fenner Ultra PLUS Wedge Belts - Wrapped SPB Section



Part No	Pitch Length (mm)	Part No	Pitch Length (mm)
SPB1400-FEN	1400	SPB3170-FEN	3170
SPB1500-FEN	1500	SPB3250-FEN	3250
SPB1600-FEN	1600	SPB3350-FEN	3350
SPB1700-FEN	1700	SPB3550-FEN	3550
SPB1750-FEN	1750	SPB3750-FEN	3750
SPB1800-FEN	1800	SPB3800-FEN	3800
SPB1900-FEN	1900	SPB4000-FEN	4000
SPB1950-FEN	1950	SPB4060-FEN	4060
SPB2000-FEN	2000	SPB4250-FEN	4250
SPB2020-FEN	2020	SPB4310-FEN	4310
SPB2120-FEN	2120	SPB4500-FEN	4500
SPB2150-FEN	2150	SPB4560-FEN	4560
SPB2240-FEN	2240	SPB4750-FEN	4750
SPB2280-FEN	2280	SPB4820-FEN	4820
SPB2360-FEN	2360	SPB5000-FEN	5000
SPB2410-FEN	2410	SPB5070-FEN	5070
SPB2500-FEN	2500	SPB5300-FEN	5300
SPB2530-FEN	2530	SPB5380-FEN	5380
SPB2650-FEN	2650	SPB5600-FEN	5600
SPB2680-FEN	2680	SPB5680-FEN	5680
SPB2800-FEN	2800	SPB5900-FEN	5900
SPB2840-FEN	2840	SPB6000-FEN	6000
SPB2900-FEN	2900	SPB6300-FEN	6300
SPB3000-FEN	3000	SPB6700-FEN	6700
SPB3150-FEN	3150	SPB7100-FEN	7100

## Fenner Ultra PLUS Wedge Belts - Wrapped SPC Section



Part No	Pitch Length (mm)	Part No	Pitch Length (mm)
SPC2000-FEN	2000	SPC4750-FEN	4750
SPC2120-FEN	2120	SPC5000-FEN	5000
SPC2240-FEN	2240	SPC5300-FEN	5300
SPC2360-FEN	2360	SPC5600-FEN	5600
SPC2500-FEN	2500	SPC6000-FEN	6000
SPC2650-FEN	2650	SPC6300-FEN	6300
SPC2800-FEN	2800	SPC6700-FEN	6700
SPC3000-FEN	3000	SPC7100-FEN	7100
SPC3150-FEN	3150	SPC7500-FEN	7500
SPC3350-FEN	3350	SPC8000-FEN	8000
SPC3550-FEN	3550	SPC8500-FEN	8500
SPC3750-FEN	3750	SPC9000-FEN	9000
SPC4000-FEN	4000	SPC9500-FEN	9500
SPC4250-FEN	4250	SPC10000-FEN	10000
SPC4500-FEN	4500	SPC10600-FEN	10600

POWER TRANSMISSION

# Fenner®



## CRE Wedge Belts

**η 95%**  
Energy Efficient

Fenner Cogged Raw Edge (CRE) Wedge Belts excel in high ratio compact applications by combining flexibility with structural stability. They offer all the advantages of Fenner Power PLUS including:

- Special compounds improve flexibility and strength
- Higher running efficiency than wrapped belts
- Precision built ( $\mu$ A) allowing excellent length matching

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POWER  
TRANSMISSION

### Fenner CRE Wedge Belts - XPZ Section



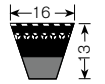
Part No	Pitch Length (mm)
SPZ630CRE-FEN	630
SPZ670CRE-FEN	670
SPZ710CRE-FEN	710
SPZ750CRE-FEN	750
SPZ760CRE-FEN	760
SPZ800CRE-FEN	800
SPZ850CRE-FEN	850
SPZ900CRE-FEN	900
SPZ937CRE-FEN	937
SPZ940CRE-FEN	940
SPZ950CRE-FEN	950
SPZ1000CRE-FEN	1000
SPZ1010CRE-FEN	1010
SPZ1060CRE-FEN	1060
SPZ1077CRE-FEN	1077
SPZ1080CRE-FEN	1080
SPZ1120CRE-FEN	1120
SPZ1137CRE-FEN	1137
SPZ1140CRE-FEN	1140
SPZ1180CRE-FEN	1180
SPZ1200CRE-FEN	1200
SPZ1250CRE-FEN	1250
SPZ1270CRE-FEN	1270
SPZ1320CRE-FEN	1320
SPZ1337CRE-FEN	1337
SPZ1340CRE-FEN	1340
SPZ1400CRE-FEN	1400
SPZ1420CRE-FEN	1420
SPZ1462CRE-FEN	1462
SPZ1470CRE-FEN	1470
SPZ1500CRE-FEN	1500
SPZ1520CRE-FEN	1520
SPZ1560CRE-FEN	1560
SPZ1587CRE-FEN	1587
SPZ1600CRE-FEN	1600
SPZ1650CRE-FEN	1650
SPZ1700CRE-FEN	1700
SPZ1800CRE-FEN	1800
SPZ1850CRE-FEN	1850
SPZ1900CRE-FEN	1900
SPZ2000CRE-FEN	2000
SPZ2040CRE-FEN	2040
SPZ2120CRE-FEN	2120
SPZ2160CRE-FEN	2160
SPZ2240CRE-FEN	2240
SPZ2280CRE-FEN	2280
SPZ2360CRE-FEN	2360

### Fenner CRE Wedge Belts - XPA Section



Part No	Pitch Length (mm)
SPA780CRE-FEN	780
SPA800CRE-FEN	800
SPA850CRE-FEN	850
SPA900CRE-FEN	900
SPA925CRE-FEN	925
SPA930CRE-FEN	930
SPA950CRE-FEN	950
SPA1000CRE-FEN	1000
SPA1060CRE-FEN	1060
SPA1090CRE-FEN	1090
SPA1120CRE-FEN	1120
SPA1150CRE-FEN	1150
SPA1180CRE-FEN	1180
SPA1207CRE-FEN	1207
SPA1250CRE-FEN	1250
SPA1320CRE-FEN	1320
SPA1400CRE-FEN	1400
SPA1450CRE-FEN	1450
SPA1500CRE-FEN	1500
SPA1532CRE-FEN	1532
SPA1550CRE-FEN	1550
SPA1600CRE-FEN	1600
SPA1650CRE-FEN	1650
SPA1700CRE-FEN	1700
SPA1750CRE-FEN	1750
SPA1800CRE-FEN	1800
SPA1850CRE-FEN	1850
SPA1900CRE-FEN	1900
SPA1950CRE-FEN	1950
SPA2000CRE-FEN	2000
SPA2060CRE-FEN	2060
SPA2120CRE-FEN	2120
SPA2240CRE-FEN	2240
SPA2360CRE-FEN	2360
SPA2430CRE-FEN	2430

### Fenner CRE Wedge Belts - XPB Section



Part No	Pitch Length (mm)
SPB1250CRE-FEN	1250
SPB1260CRE-FEN	1260
SPB1320CRE-FEN	1320
SPB1340CRE-FEN	1340
SPB1400CRE-FEN	1400
SPB1410CRE-FEN	1410
SPB1500CRE-FEN	1500
SPB1600CRE-FEN	1600
SPB1700CRE-FEN	1700
SPB1800CRE-FEN	1800
SPB1900CRE-FEN	1900
SPB2000CRE-FEN	2000
SPB2020CRE-FEN	2020
SPB2120CRE-FEN	2120
SPB2150CRE-FEN	2150
SPB2240CRE-FEN	2240
SPB2280CRE-FEN	2280
SPB2360CRE-FEN	2360
SPB2410CRE-FEN	2410



Due to enhanced material quality and superior fit in the pulley groove form, CRE belts offer a higher level of drive efficiency than wrapped construction belts. Sometimes by as much as 2%. By utilising these belts on variable torque drives such as centrifugal fans in conjunction with a variable speed drive, the same air volume can be achieved at a slower motor speed which can show considerable energy savings.



**DIRECT Know-How**  
Specialist Technical Centres

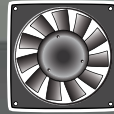


# Quattro PLUS Wedge Belts



Quattro PLUS CRE Wedge belts transmit up to four times the power of conventional V belts.

- 'One Shot' tensioning with no matching
- Meets industry standards for static conductivity and non-ignition properties
- Highest efficiency drive for low running costs
- Working temperature range -40°C to 80°C



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POWER TRANSMISSION

## Fenner Quattro PLUS CRE Wedge Belt - QXPZ Section



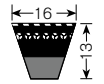
Part No	Pitch Length (mm)
SPZ630FOZ-Q-FEN	630
SPZ670FOZ-Q-FEN	670
SPZ710FOZ-Q-FEN	710
SPZ750FOZ-Q-FEN	750
SPZ800FOZ-Q-FEN	800
SPZ850FOZ-Q-FEN	850
SPZ900FOZ-Q-FEN	900
SPZ950FOZ-Q-FEN	950
SPZ1000FOZ-Q-FEN	1000
SPZ1060FOZ-Q-FEN	1060
SPZ1120FOZ-Q-FEN	1120
SPZ1150FOZ-Q-FEN	1150
SPZ1220FOZ-Q-FEN	1220
SPZ1250FOZ-Q-FEN	1250
SPZ1287FOZ-Q-FEN	1287
SPZ1320FOZ-Q-FEN	1320
SPZ1360FOZ-Q-FEN	1360
SPZ1400FOZ-Q-FEN	1400
SPZ1450FOZ-Q-FEN	1450
SPZ1500FOZ-Q-FEN	1500
SPZ1537FOZ-Q-FEN	1537
SPZ1550FOZ-Q-FEN	1550
SPZ1600FOZ-Q-FEN	1600
SPZ1700FOZ-Q-FEN	1700
SPZ1800FOZ-Q-FEN	1800
SPZ1900FOZ-Q-FEN	1900
SPZ2120FOZ-Q-FEN	2120
SPZ2240FOZ-Q-FEN	2240
SPZ2500FOZ-Q-FEN	2500

## Fenner Quattro PLUS CRE Wedge Belt - QXPA Section



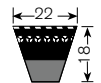
Part No	Pitch Length (mm)
SPA800FOZ-Q-FEN	800
SPA850FOZ-Q-FEN	850
SPA857FOZ-Q-FEN	857
SPA900FOZ-Q-FEN	900
SPA950FOZ-Q-FEN	950
SPA1000FOZ-Q-FEN	1000
SPA1030FOZ-Q-FEN	1030
SPA1060FOZ-Q-FEN	1060
SPA1120FOZ-Q-FEN	1120
SPA1180FOZ-Q-FEN	1180
SPA1250FOZ-Q-FEN	1250
SPA1320FOZ-Q-FEN	1320
SPA1400FOZ-Q-FEN	1400
SPA1450FOZ-Q-FEN	1450
SPA1500FOZ-Q-FEN	1500
SPA1550FOZ-Q-FEN	1550
SPA1600FOZ-Q-FEN	1600
SPA1650FOZ-Q-FEN	1650
SPA1700FOZ-Q-FEN	1700
SPA1750FOZ-Q-FEN	1750
SPA1800FOZ-Q-FEN	1800
SPA1850FOZ-Q-FEN	1850
SPA1900FOZ-Q-FEN	1900
SPA1950FOZ-Q-FEN	1950
SPA2000FOZ-Q-FEN	2000
SPA2060FOZ-Q-FEN	2060
SPA2120FOZ-Q-FEN	2120
SPA2240FOZ-Q-FEN	2240
SPA2360FOZ-Q-FEN	2360
SPA2500FOZ-Q-FEN	2500
SPA2650FOZ-Q-FEN	2650
SPA2800FOZ-Q-FEN	2800
SPA3000FOZ-Q-FEN	3000
SPA3150FOZ-Q-FEN	3150
SPA3550FOZ-Q-FEN	3550
SPA4000FOZ-Q-FEN	4000

## Fenner Quattro PLUS CRE Wedge Belt - QXPB Section



Part No	Pitch Length (mm)
SPB1250FOZ-Q-FEN	1250
SPB1320FOZ-Q-FEN	1320
SPB1400FOZ-Q-FEN	1400
SPB1500FOZ-Q-FEN	1500
SPB1600FOZ-Q-FEN	1600
SPB1700FOZ-Q-FEN	1700
SPB1800FOZ-Q-FEN	1800
SPB1900FOZ-Q-FEN	1900
SPB2000FOZ-Q-FEN	2000
SPB2120FOZ-Q-FEN	2120
SPB2240FOZ-Q-FEN	2240
SPB2360FOZ-Q-FEN	2360
SPB2500FOZ-Q-FEN	2500
SPB2650FOZ-Q-FEN	2650
SPB2800FOZ-Q-FEN	2800
SPB3000FOZ-Q-FEN	3000
SPB3150FOZ-Q-FEN	3150
SPB3350FOZ-Q-FEN	3350
SPB3550FOZ-Q-FEN	3550
SPB3750FOZ-Q-FEN	3750
SPB4000FOZ-Q-FEN	4000
SPB4060FOZ-Q-FEN	4060
SPB4250FOZ-Q-FEN	4250
SPB4310FOZ-Q-FEN	4310
SPB4500FOZ-Q-FEN	4500

## Fenner Quattro PLUS CRE Wedge Belt - QXPC Section



Part No	Pitch Length (mm)
SPC2120FOZ-Q-FEN	2120
SPC2240FOZ-Q-FEN	2240
SPC2360FOZ-Q-FEN	2360
SPC2500FOZ-Q-FEN	2500
SPC2650FOZ-Q-FEN	2650
SPC2800FOZ-Q-FEN	2800
SPC3000FOZ-Q-FEN	3000
SPC3150FOZ-Q-FEN	3150
SPC3350FOZ-Q-FEN	3350
SPC3550FOZ-Q-FEN	3550
SPC3750FOZ-Q-FEN	3750
SPC4000FOZ-Q-FEN	4000
SPC4250FOZ-Q-FEN	4250
SPC4750FOZ-Q-FEN	4750
SPC5000FOZ-Q-FEN	5000

**\* Have you seen...**

### Fenner Laser Aligner

Ensure you are getting the optimum performance from your belt drives.

Product Ref: FEN/A/230L0000





The aramid cord and high specification polyurethane materials in this product make this belt the pound for pound leader in the market with respect to power transmission. This means belts and pulleys of reduced width can be supplied reducing waste at the end of the drives life span.

## Conti Synchrochain®

The newly developed CTD profile ensures faultless meshing and hence smooth running at high speeds. At the same time it prevents a jump-over at high torques. So the Conti Synchrochain is well able to cope with a wide range of requirements. It is suitable for new drive designs and at the same time also compatible for use in existing systems. Available in pitch CTD C8M. Details of pitch, lengths and widths can be obtained on request.



Below are some fast moving examples, we offer a full range.

14mm Pitch	Length	Width	8mm Pitch	Length	Width	8mm Pitch	Length	Width
14M-1120-20-CONTI	1120mm	20mm	8M-640-12-CONTI	640mm	12mm	8M-1000-21-CONTI	1000mm	21mm
14M-1190-37-CONTI	1190mm	37mm	8M-640-21-CONTI	640mm	21mm	8M-1120-21-CONTI	1120mm	21mm
14M-1260-20-CONTI	1260mm	20mm	8M-720-12-CONTI	720mm	12mm	8M-1200-21-CONTI	1200mm	21mm
14M-1400-37-CONTI	1400mm	37mm	8M-720-21-CONTI	720mm	21mm	8M-1200-36-CONTI	1200mm	36mm
14M-1568-37-CONTI	1568mm	37mm	8M-800-12-CONTI	800mm	12mm	8M-1280-21-CONTI	1280mm	21mm
14M-1568-68-CONTI	1568mm	68mm	8M-800-21-CONTI	800mm	21mm	8M-1440-12-CONTI	1440mm	12mm
14M-1750-37-CONTI	1750mm	37mm	8M-800-36-CONTI	800mm	36mm	8M-1440-21-CONTI	1440mm	21mm
14M-2520-20-CONTI	2520mm	20mm	8M-896-12-CONTI	896mm	12mm	8M-1440-36-CONTI	1440mm	36mm
14M-2800-37-CONTI	2800mm	37mm	8M-896-21-CONTI	896mm	21mm	8M-1600-12-CONTI	1600mm	12mm
14M-3136-68-CONTI	3136mm	68mm	8M-896-36-CONTI	896mm	36mm	8M-1600-21-CONTI	1600mm	21mm
14M-4410-90-CONTI	4410mm	90mm	8M-1000-12-CONTI	1000mm	12mm	8M-1792-12-CONTI	1792mm	12mm

## Conti Multi-Ribbed Belt

- Resistant to temperatures from -30°C to +80°C
- Electrically conductive (anti-static) to ISO 1813

- Oil resistant
- Very flexible
- Suitable for tropical climates

### L-SECTION

Part No	Length	Pitch	Height
460L	46"	4.7mm	9mm
480L	48"	4.7mm	9mm
500L	50"	4.7mm	9mm
510L	51"	4.7mm	9mm
525L	52.5"	4.7mm	9mm
540L	54"	4.7mm	9mm
550L	55"	4.7mm	9mm
560L	56"	4.7mm	9mm
590L	59"	4.7mm	9mm
615L	61.5"	4.7mm	9mm
635L	63.5"	4.7mm	9mm
650L	65"	4.7mm	9mm
675L	67.5"	4.7mm	9mm
695L	69.5"	4.7mm	9mm
710L	71"	4.7mm	9mm
725L	72.5"	4.7mm	9mm
780L	78"	4.7mm	9mm
840L	84"	4.7mm	9mm
865L	86.5"	4.7mm	9mm
880L	88"	4.7mm	9mm
915L	91.5"	4.7mm	9mm
930L	93"	4.7mm	9mm
975L	97.5"	4.7mm	9mm
990L	99"	4.7mm	9mm
1065L	106.5"	4.7mm	9mm
1080L	108"	4.7mm	9mm
1120L	112"	4.7mm	9mm
1140L	114"	4.7mm	9mm
1150L	115"	4.7mm	9mm
1295L	129.5"	4.7mm	9mm
1980L	198"	4.7mm	9mm

### J-SECTION

Part No	Length	Pitch	Height
160J	16"	2.34mm	3.8mm
170J	17"	2.34mm	3.8mm
180J	18"	2.34mm	3.8mm
190J	19"	2.34mm	3.8mm
200J	20"	2.34mm	3.8mm
220J	22"	2.34mm	3.8mm
230J	23"	2.34mm	3.8mm
240J	24"	2.34mm	3.8mm
260J	26"	2.34mm	3.8mm
270J	27"	2.34mm	3.8mm
290J	29"	2.34mm	3.8mm
300J	30"	2.34mm	3.8mm
320J	32"	2.34mm	3.8mm
330J	33"	2.34mm	3.8mm
350J	35"	2.34mm	3.8mm
360J	36"	2.34mm	3.8mm
380J	38"	2.34mm	3.8mm
400J	40"	2.34mm	3.8mm
415J	41.5"	2.34mm	3.8mm
430J	43"	2.34mm	3.8mm
450J	45"	2.34mm	3.8mm
460J	46"	2.34mm	3.8mm
470J	47"	2.34mm	3.8mm
490J	49"	2.34mm	3.8mm
500J	50"	2.34mm	3.8mm
510J	51"	2.34mm	3.8mm
520J	52"	2.34mm	3.8mm
550J	55"	2.34mm	3.8mm
580J	58"	2.34mm	3.8mm
630J	63"	2.34mm	3.8mm
650J	65"	2.34mm	3.8mm



Part No	Length	Pitch	Height
690J	69"	2.34mm	3.8mm
730J	73"	2.34mm	3.8mm
770J	77"	2.34mm	3.8mm
780J	78"	2.34mm	3.8mm
820J	82"	2.34mm	3.8mm
870J	87"	2.34mm	3.8mm
920J	92"	2.34mm	3.8mm



**Go DIRECT**  
To your Local Service Centre

# Fenner®

## Vee and Wedge Taper Lock® Pulleys (Dual Duty)

Statically balanced to grade G6.3 for high accuracy



POWER TRANSMISSION



### Guaranteed performance

[www.fptgroup.com](http://www.fptgroup.com)

Superior material specification and design allows guaranteed performance at rim speeds up to 40m/sec. Designed for use with both Vee and Wedge section belts.

**S P A 5 0 0 X 5 - F E N**

Belt Section	Pitch Dia. (mm)	No. of Grooves	Fenner Brand
-----------------	--------------------	-------------------	-----------------

#### Available in:

- Z, SPZ, XPZ, QXPZ** from 56–630mm pitch dia.
- A, SPA, XPA, QXPA** from 80–800mm pitch dia.
- B, SPB, XPB, QXPB, USPB** from 112–1000mm dia.
- C, SPC, XPC, QXPC, USPC** from 200–1250mm pitch dia.

### Save Energy

The drive stands or falls by the accuracy of its installation, so don't forget to check the condition of your pulleys – 50% of new belts are fitted to worn pulleys, which can waste up to 10% of your energy input.

- Worn pulleys waste up to 10% of energy input
- Check yours now with the Fenner pulley groove gauge

Order your belt efficiency kit today



Worn Pulley

New Pulley

# Fenner®

## Taper Lock® Bushes

Easy on, easy off – the simplest and quickest shaft fixings

- No costly re-boring
- High grade, close grain grey iron (GG25) material
- Tolerates shock loading
- Accommodates wide shaft diameter limits +0.05mm (0.002") to 0.125mm (0.005")
- Perfect for use with V-pulleys, timing and HTD pulleys, sprockets, shaft couplings, hubs and adaptors



[www.ftgroup.com](http://www.ftgroup.com)

### Metric Taper Lock Bushes

Range: 1008–5050 Bore Diameter 16mm–125mm

Part No	Part No	Part No
1008X16-FEN	1615X40-FEN	3020X42-FEN
1008X19-FEN	1615X42-FEN	3020X45-FEN
1008X20-FEN	2012X19-FEN	3020X48-FEN
1008X24-FEN	2012X20-FEN	3020X50-FEN
1008X25-FEN	2012X22-FEN	3020X55-FEN
1108X19-FEN	2012X24-FEN	3020X60-FEN
1108X20-FEN	2012X25-FEN	3020X65-FEN
1108X24-FEN	2012X28-FEN	3020X70-FEN
1108X25-FEN	2012X30-FEN	3020X75-FEN
1108X28-FEN	2012X32-FEN	3030X60-FEN
1210X14-FEN	2012X35-FEN	3030X65-FEN
1210X16-FEN	2012X38-FEN	3525X48-FEN
1210X19-FEN	2012X40-FEN	3525X48-FEN
1210X20-FEN	2012X42-FEN	3525X55-FEN
1210X22-FEN	2012X45-FEN	3525X60-FEN
1210X24-FEN	2012X48-FEN	3525X65-FEN
1210X25-FEN	2012X50-FEN	3525X70-FEN
1210X28-FEN	2517X20-FEN	3525X80-FEN
1210X30-FEN	2517X24-FEN	3525X85-FEN
1210X32-FEN	2517X25-FEN	3525X90-FEN
1215X25-FEN	2517X28-FEN	3525X100-FEN
1215X28-FEN	2517X30-FEN	3535X60-FEN
1610X19-FEN	2517X32-FEN	3535X70-FEN
1610X20-FEN	2517X35-FEN	4030X70-FEN
1610X24-FEN	2517X38-FEN	4030X100-FEN
1610X25-FEN	2517X40-FEN	4040X80-FEN
1610X28-FEN	2517X42-FEN	4040X90-FEN
1610X30-FEN	2517X45-FEN	4535X80-FEN
1610X32-FEN	2517X48-FEN	4535X100-FEN
1610X35-FEN	2517X50-FEN	4545X80-FEN
1610X38-FEN	2517X55-FEN	4545X90-FEN
1610X42-FEN	2517X60-FEN	5040X110-FEN
1615X25-FEN	2525X42-FEN	5040X125-FEN
1615X35-FEN	2525X55-FEN	5050X90-FEN
1615X38-FEN	3020X40-FEN	5050X100-FEN

### Imperial Taper Lock Bushes

Range: 1008–5050 Bore Diameter 3/8"–5"

Part No	Part No	Part No
1008X1/2-FEN	2012X1.1/8-FEN	3525X2.1/2-FEN
1008X5/8-FEN	2012X1.1/4-FEN	3525X2.7/8-FEN
1008X3/4-FEN	2012X1.3/8-FEN	3525X3-FEN
1008X7/8-FEN	2012X1.1/2-FEN	3525X3.3/8-FEN
1008X1-FEN	2012X1.3/4-FEN	3525X3.1/2-FEN
1108X1/2-FEN	2012X1.7/8-FEN	3525X4-FEN
1108X5/8-FEN	2012X2-FEN	3535X2.1/4-FEN
1108X3/4-FEN	2517X1-FEN	3535X1.3/4-FEN
1108X7/8-FEN	2517X1.1/4-FEN	3535X2-FEN
1108X1-FEN	2517X1.3/8-FEN	3535X2.1/2-FEN
1210X3/4-FEN	2517X1.1/2-FEN	3535X2.3/4-FEN
1210X7/8-FEN	2517X1.5/8-FEN	3535X2.7/8-FEN
1210X1-FEN	2517X1.3/4-FEN	3535X3-FEN
1210X1.1/4-FEN	2517X1.7/8-FEN	3535X3.1/4-FEN
1210X1.1/8-FEN	2517X2-FEN	3535X3.3/8-FEN
1215X1.1/4-FEN	2517X2.1/4-FEN	3535X3.1/2-FEN
1215X1-FEN	2517X2.1/2-FEN	4030X2.1/2-FEN
1610X1/2-FEN	3020X1.3/8-FEN	4030X3.1/2-FEN
1610X5/8-FEN	3020X1.1/2-FEN	4040X3-FEN
1610X3/4-FEN	3020X1.3/4-FEN	4040X3.1/2-FEN
1610X7/8-FEN	3020X1.7/8-FEN	4535X3-FEN
1610X1-FEN	3020X2-FEN	4535X4-FEN
1610X1.1/8-FEN	3020X2.1/4-FEN	4545X4-FEN
1610X1.1/4-FEN	3020X2.3/8-FEN	4545X4.1/2-FEN
1610X1.3/8-FEN	3020X2.1/2-FEN	5040X4.1/4-FEN
1610X1.1/2-FEN	3020X2.7/8-FEN	5040X5-FEN
1610X1.5/8-FEN	3020X3-FEN	5050X4-FEN
1615X1-FEN	3030X2-FEN	5050X4.1/4-FEN
1615X1.1/8-FEN	3030X2.1/4-FEN	
1615X1.1/4-FEN	3030X2.1/2-FEN	
1615X1.1/2-FEN	3030X2.3/4-FEN	
1615X1.5/8-FEN	3030X3-FEN	
2012X3/4-FEN	3525X1.7/8-FEN	
2012X7/8-FEN	3525X2-FEN	
2012X1-FEN	3525X2.1/4-FEN	

Taper Lock Installation Video available to view on-line

Scan here to view:



**DIRECT Attention**  
Workshops offering repair or replacement



[www.fptgroup.com](http://www.fptgroup.com)

**Adaptors**

- For use with parallel bore eliminating the cost of drilling, tapping and taper boring
- Keyed version also available for heavy duty applications
- Taper bored to receive 4-hole Taper Lock® bush sizes 1008 to 4040

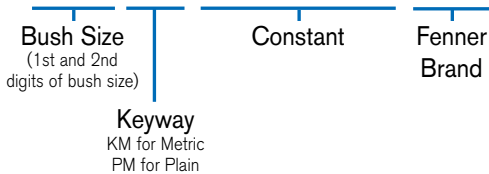
**Bolt-on hubs**

- A convenient means to secure fan rotors, steel pulleys, plate sprockets, impellers etc to a shaft
- Welding not necessary
- Taper bored to receive 4-hole Taper Lock® bush sizes 1210 to 3040

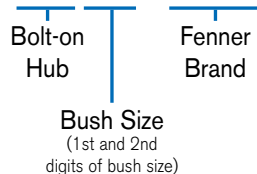
**Weld-on hubs**

- Manufactured from steel to provide convenient means to secure fan rotors, steel pulleys, plate sprockets, impellers etc to a shaft
- Shouldered outer diameter allows for easy location
- Taper bored to receive 4-hole Taper Lock® bush sizes 1210 to 5040

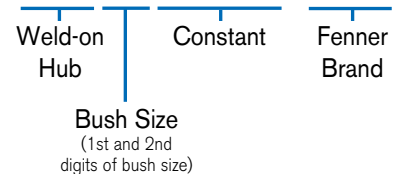
**2517KM-ADAPTOR-FEN**



**BF25-FEN**

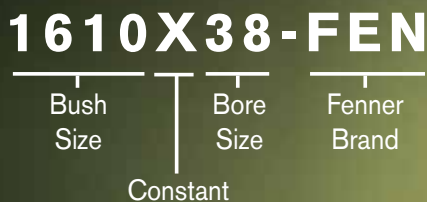


**WH25HUBS-FEN**

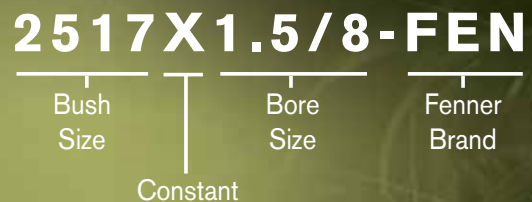


**Ordering your Taper Lock® bush**

**Metric**



**Imperial**



# Fenner®

## Wedge Belts

# Size Matters?

How many times have you been asked for an “odd” sized belt that we just don’t have in stock?  
How many of you know that there IS a suitable solution just sitting on the shelf?

And remember - customers should NEVER replace just one belt on multiple belt drives. It is bad engineering practice and WILL lead to premature belt failure and accelerated pulley wear.

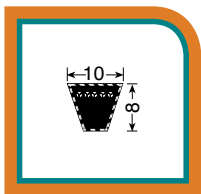
[www.fptgroup.com](http://www.fptgroup.com)

### Installation and Take Up Allowances

Wedge belt lengths (mm)	Manufacturing tolerance	Sections available	Installation allowance SPZ	Installation allowance SPA	Installation allowance SPB	Installation allowance SPC	Take up allowance
Up to 630	+/- 6mm	SPZ	20mm				5mm
630 - 800	+/- 8mm	SPZ/SPA	20mm	25mm			10mm
800 - 1000	+/- 10mm	SPZ/SPA	20mm	25mm			15mm
1000 - 1250	+/- 13mm	SPZ/SPA	20mm	25mm			20mm
1250 - 1600	+/- 16mm	SPZ/SPA/SPB	20mm	25mm	30mm		25mm
1600 - 2000	+/- 20mm	SPZ/SPA/SPB	20mm	25mm	30mm		30mm
2000 - 2500	+/- 25mm	SPZ/SPA/SPB/SPC	20mm	25mm	30mm	50mm	40mm
2500 - 3150	+/- 32mm	SPZ/SPA/SPB/SPC	20mm	25mm	30mm	50mm	50mm
3150 - 4000	+/- 40mm	SPZ/SPA/SPB/SPC	20mm	25mm	30mm	50mm	60mm
4000 - 5000	+/- 50mm	SPA/SPB/SPC		25mm	30mm	50mm	70mm
5000 - 6300	+/- 63mm	SPB/SPC			30mm	50mm	85mm
6300 - 8000	+/- 80mm	SPB/SPC			30mm	50mm	105mm
8000 - 10000	+/- 100mm	SPB/SPC			30mm	50mm	140mm
10000 - 12500	+/- 125mm	SPC				50mm	175mm

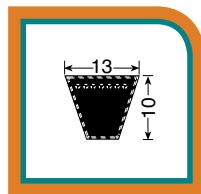
The length guide per section information above offers a simple and easy route to solving the customer’s problem.  
If you have any doubts, please contact the Drives Core Competence Centre on 01384 246100.

By taking into account the combined installation and take up allowances above the customer must have 40mm total adjustment available. Therefore using an SPZ1200 belt rather than an SPZ1207 makes no difference whatsoever.



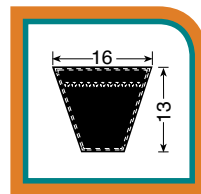
#### SPZ

SPZ<1000	+/- 10mm
SPZ1000-1600	+/- 15mm
SPZ1600-4000	+/- 20mm



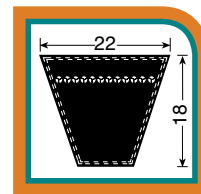
#### SPA

SPA<1600	+/- 15mm
SPA1600-4000	+/- 20mm



#### SPB

SPB<1600	+/- 20mm
SPB1600-4000	+/- 25mm
SPB4000-6300	+/- 30mm
SPB>6300	+/- 35mm



#### SPC

SPC<4000	+/- 30mm
SPC4000-6300	+/- 35mm
SPC6300-10000	+/- 40mm
SPC>10000	+/- 50mm





■ **Eliminate Keys, Keyways, Setscrews**  
Eliminate costly matching with inexpensive Trantorque GT mounts. They grip like a shrink-fit on shaft and bore, and resist shocks and torque reversals better than keyways. Single-nut design, self-centres accurately, locks or unlocks with the twist of a wrench.



■ **Infinite, Precise Radial Adjustment**  
The positive lock and release action permits exact initial positioning with easy readjustment at a later date. Which may not be possible with fixed keyed connections.



■ **Use Smaller Shafts**  
Eliminate the weak spot in shafts and hubs caused by machining keyways. This, plus the rigidising effect, permits smaller and less expensive shafts and bearings with equal strength and stiffness.



■ **Retrofit and Repair**  
Can be used directly over empty keyways to repair a worn or damaged connection. Both metric and imperial units are available making it easy to quickly return machinery to service.



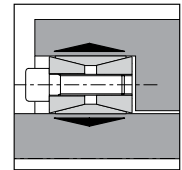
■ **Mount Hubless Devices**  
Trantorque GT mounts are unique in their ability to mount thin hubless devices. They need not be completely within the bore. This permits mounting plate sprockets, hubless gears, disc brakes, etc. – often at substantial savings to the user or OEM.



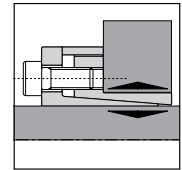
FenLock™ cone clamping elements provide a wide and versatile range of keyless shaft/hub assemblies.

- Simple installation/disassembly
- Resistance to alternating torques
- Increased shaft strength
- High torque transmission capacity
- No backlash
- Axial and angular adjustment capability
- No fretting corrosion

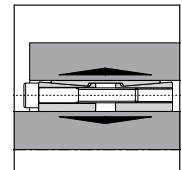
<b>FLK 200</b>
Medium/high torque
Non self-centring
Available for shafts 20–900mm diameter
Max allowable surface finish Rt max 16µm
Tolerances h11 shaft – H11 hub
No axial movement



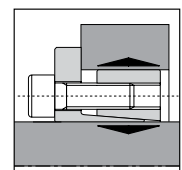
<b>FLK 110</b>
Few screws – quicker installation
Medium/high torque self-centring
Max allowable surface finish Rt max 16µm
Available for shafts 6–130mm diameter
Tolerances h8 shaft – H8 hub



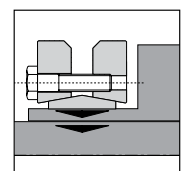
<b>FLK 450</b>
Very high torque
Self-centring
Available for shafts 45–400mm diameter
Max allowable surface finish Rt max 16µm
Tolerances h8 shaft – H8 hub



<b>FLK 133</b>
As FLK 132 with larger diameter location collar
Less screws – quicker installation
Medium/high torque self-centring
No axial movement hub/shaft
Available for shafts 20–200mm diameter
Max allowable surface finish Rt max 16µm
Tolerances h8 shaft – H8 hub



<b>FLK 603</b>
'Shrink disc' device for hub clamping
Quick installation
Medium/high torque self-centring
Available for hubs 14–280mm diameter (larger sizes to order)
Max allowable surface finish Rt max 16µm
Tolerances h8 shaft



**To help...**

...when ordering shaft fixings, consider the following:

- Shaft dimensions (diameter, length)
- Keyway details
- Transmitted torque
- Hub details (diameter, length, material)

# Fenner®

## HRC Couplings

These semi-elastic couplings use Taper Lock® bushes for quick assembly.

- Quick and simple alignment with a straight edge
- Accommodates minor misalignment
- Fail-safe operation
- FRAS element available

For a complete coupling please order two hubs and one element.



[www.fptgroup.com](http://www.fptgroup.com)

## Why Choose HRC?

When looking for a value for money coupling, OEMs have specified the HRC since its launch in the 1970s. Much copied, the original Fenner HRC product outlasts its competitors due to subtle design differences such as, higher levels of surface finish on the drive dogs and having flexible elements manufactured in the UK to extremely high specifications. Its high grade rugged cast iron construction is a must for heavy duty industries such as mining and quarrying so it's no surprise this coupling is the crusher and screen manufacturers choice every time.

### Fenner HRC Spider Type Shaft Coupling Taper Bore Hub

Part No	Taper Lock Ref	Size (mm)	Half Body Type
HRC70	(1108)	70	F, H or B
HRC90	(1108)	90	F, H or B
HEC110	(1610)	110	F, H or B
HRC130	(1610)	130	F, H or B
HRC150	(2012)	150	F, H or B
HRC180	(2517)	180	F, H or B
HRC230	(3020)	230	F, H or B
HRC280	(3525)	280	F, H or B
HRC70ELEMENT-FEN	-	70	-
HRC90ELEMENT-FEN	-	90	-
HRC110ELEMENT-FEN	-	110	-
HRC130ELEMENT-FEN	-	130	-

Part No	Taper Lock Ref	Size (mm)	Half Body Type
HRC150ELEMENT-FEN	-	150	-
HRC180ELEMENT-FEN	-	180	-
HRC230ELEMENT-FEN	-	230	-
HRC280ELEMENT-FEN	-	280	-
HRC70ELEMENT-FRAS-FEN	-	70	-
HRC90ELEMENT-FRAS-FEN	-	90	-
HRC110ELEMENT-FRAS-FEN	-	110	-
HRC130ELEMENT-FRAS-FEN	-	130	-
HRC150ELEMENT-FRAS-FEN	-	150	-
HRC180ELEMENT-FRAS-FEN	-	180	-
HRC230ELEMENT-FRAS-FEN	-	230	-
HRC280ELEMENT-FRAS-FEN	-	280	-

## Jaw Couplings

A low-cost general purpose solution to absorb incidental misalignment, shockloads and small amplitude vibrations.

For a complete coupling please order two hubs and one element.



[www.fptgroup.com](http://www.fptgroup.com)

### Fenner Jaw and HRC Coupling Hubs

Part No	Size (mm)	Pilot Bore (mm)	Max Bore (mm)
L070HUB/PB-FEN	70	9	19
L075HUB/PB-FEN	75	9	24
L095HUB/PB-FEN	95	9	28
L100HUB/PB-FEN	100	12	35
L110HUB/PB-FEN	110	15	42
L150HUB/PB-FEN	150	15	48
L225HUB/PB-FEN	225	19	60

### Fenner Jaw Type Shaft Coupling Elements

Part No	Description	Size (mm)
L035EL-FEN	Nitrile Elements	35
L070EL-FEN	Nitrile Elements	70
L075EL-FEN	Nitrile Elements	75
L090/L095EL-FEN	Nitrile Elements	90
L100EL-FEN	Nitrile Elements	100
L110EL-FEN	Nitrile Elements	110
L150EL-FEN	Nitrile Elements	150

Hytrex and urethane elements also available on request

### Fenner Retaining Ring Kits

Part No	Description	Size (mm)
L095RETAINER-FEN	Retaining Ring Kit	95
L100RETAINER-FEN	Retaining Ring Kit	100
L110RETAINER-FEN	Retaining Ring Kit	110
L150RETAINER-FEN	Retaining Ring Kit	150
L190RETAINER-FEN	Retaining Ring Kit	190
L225RETAINER-FEN	Retaining Ring Kit	225

### Fenner Jaw Type Shaft Coupling Spacer Kit

Part No	Description	Size (mm)
L095SPACERKIT/100MM-FEN	100mm DBSE	95
L110SPACERKIT/100MM-FEN	100mm DBSE	110
L095SPACERKIT/140MM-FEN	140mm DBSE	95
L110SPACERKIT/140MM-FEN	140mm DBSE	110
L225SPACERKIT/140MM-FEN	140mm DBSE	225



**Go DIRECT**  
To your Local Service Centre



**Fenner®**

# Fenaflex Tyre Couplings



These highly elastic lubrication-free couplings tolerate large amounts of misalignment in all planes as well as offering simple installation and inspection without disrupting the drive. The Fenaflex® coupling also has excellent shock absorbing properties while reducing vibration and torsional oscillations.

- Accepts misalignment simultaneously in all planes
- Highly resilient to absorb shock loads
- Lubrication-free
- Sample visual inspection to aid maintenance
- ATEX approved variant
- Simple installation without moving coupled machines
- Taper Lock and pilot bore flanges
- Pump spacer and flywheel fixing variants

[www.fptgroup.com](http://www.fptgroup.com)

POWER TRANSMISSION

## Fenaflex Tyre Type Shaft Coupling Hub

Part No	Size (mm)	Half Body Type	Bore Type
F40B-FEN	40	B	Pilot
F40H-FEN	40	H	Taper
F40F-FEN	40	F	Taper
F50B-FEN	50	B	Pilot
F50H-FEN	50	H	Taper
F50F-FEN	50	F	Taper
F60B-FEN	60	B	Pilot
F60H-FEN	60	H	Taper
F70H-FEN	70	H	Taper
F60F-FEN	60	F	Taper
F80B-FEN	80	B	Pilot
F80F-FEN	80	F	Taper
F80H-FEN	80	H	Taper
F70B-FEN	70	B	Pilot
F70F-FEN	70	F	Taper
F90B-FEN	90	B	Pilot
F90F-FEN	90	F	Taper
F90H-FEN	90	H	Taper
F100B-FEN	100	B	Pilot
F100H-FEN	100	H	Taper
F100F-FEN	100	F	Taper
F110B-FEN	110	B	Pilot
F110F-FEN	110	F	Taper
F110H-FEN	110	H	Taper
F120B-FEN	120	B	Pilot
F120H-FEN	120	H	Taper
F120F-FEN	120	F	Taper
F140B-FEN	140	B	Pilot
F140F-FEN	140	F	Taper
F140H-FEN	140	H	Taper
F160B-FEN	160	B	Pilot
F160F-FEN	160	F	Taper
F160H-FEN	160	H	Taper
F180B-FEN	180	B	Pilot
F180F-FEN	180	F	Taper
F180H-FEN	180	H	Taper
F200F-FEN	200	F	Taper
F200H-FEN	200	H	Taper
F220B-FEN	220	B	Pilot
F220F-FEN	220	F	Taper
F250B-FEN	250	B	Pilot

## Fenaflex Tyre Type Shaft Coupling Tyre

Part No	Size (mm)
F40TYRE-FEN	40
F50TYRE-FEN	50
F60TYRE-FEN	60
F70TYRE-FEN	70
F80TYRE-FEN	80
F90TYRE-FEN	90
F100TYRE-FEN	100
F110TYRE-FEN	110
F120TYRE-FEN	120
F140TYRE-FEN	140
F160TYRE-FEN	160
F180TYRE-FEN	180
F200TYRE-FEN	200
F220TYRE-FEN	220
F250TYRE-FEN	250



## Fenaflex Pump Spacer Variant

Spacer variant available for pump drives to allow disassembly of pump shaft without disturbing the prime mover, minimising downtime.



## Fenaflex Flywheel Variant

Flywheel coupling version available for standard SAE flywheel fixings and elements available in different dynamic stiffness's to accommodate a wide range of engine and driven machine parameters.



**NEW Fenaflex Installation Videos**



Now available on-line – scan here to view:

# FALK®

## Rexnord Falk Steelflex® Grid Coupling

The Rexnord Falk Steelflex is a close coupled grid with replace-in-place shot peened, tapered grid for long life. Rexnord offers a five-year warranty when installed with long term LTG® grease. The Steelflex is an economical alternative for applications where vibration damping is critical. The replace-in-place design eliminates the need to move hubs or realign shafts when servicing is required.



Features	Benefits
Alloy steel tapered grids	Long life
Long Term Grease (LTG)	Extended maintenance periods
Replace-in-place	Easy maintenance
Torsionally flexible	Cushions shock loads and vibrations

## Rexnord Falk Lifalign® Gear Coupling

The Rexnord Falk Lifalign gear coupling provides an economical coupling solution. The Lifalign has a large bore capacity with superior torque ratings. Available in both single and double engagement designs. Spacer, floating shaft and brake wheel designs are also available.



Features	Benefits
4-point seal	Improves lubrication retention during misalignment
Full depth tooth triple crowning	Eliminated tip loading and reduces backlash
Massive flex hub	Provides large bore capacity for economic selection
Non-turning prevailing torque locknut	Reliable hold with fewer parts

## Rexnord Falk Wrapflex® Elastomer Coupling

Wrapflex is a low cost elastomer in shear with replace-in-place element. Easy installation and service without the need to move hubs or connected equipment.



Features	Benefits
Torsionally soft	Vibration damping
Patented design	Replace-in-place element CRR – Increased flexibility Low lifetime costs
Shear design	Protects connected equipment





## Rexnord. The complete connection.



### Falk Steelflex T10 Grid Couplings

Falk® Steelflex® uses a close coupled grid with replace-in-place shot peened, tapered grid for long life. Five year warranty when installed with long term LTG® grease.



### Thomas Disc Couplings SR71-8

Thomas® spacer style flexible metallic disc coupling designed for your pump and compressor applications. The simple three piece design and piloted center member provide fast installation and repeatable balance significantly reducing your installation and service time.



### Addax Cooling Tower Couplings

With more than 50,000 Addax® couplings installed around the world, Rexnord has the most experience of any composite cooling tower coupling manufacturer. The Rexnord® Addax coupling provides the best value with corrosion resistance, high misalignment, fatigue resistance, low weight and ease of installation.



### Autogard 400 Series Torque Limiters

Autogard® torque limiters act as a mechanical fuse that will completely disengage equipment at a preset torque level resulting in protection of expensive equipment and cost savings by minimizing or eliminating downtime. The Autogard 400 Series is designed to operate at both high and low speeds with standard models that can accommodate large torque ranges.



### Rexnord 661 Series TableTop Chain

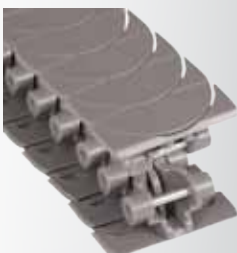
The 661 Series TableTop® chain combines a lightweight stainless steel 1-inch pitch with reduced side-flexing gaps to provide smooth and efficient conveying throughout beverage fill lines.

### Rexnord Magnetflex Combi-X Corner tracks

From the inventors of the Magnetflex® Combi Curves. Rexnord introduces the new Combi X curves with ULF (Ultra Low Friction) integrated wearstrips for minimum friction and long wear life. RAM extruded 6 million "density" UHMWPE combined with special lubricants results in lower friction and longer guide wear life, which means lower maintenance cost.

### Rexnord ZeroGap 1775 Series TableTop Chain

The ZeroGap™ 1775 Series TableTop® Chain is designed with a short 1-inch (25 mm) pitch, 2.76-inch wide (70 mm). The chain is based on the successful ZeroGap design, the 1775 chain allows a tight sideflex radius with no gap opening on its surface. This enhances product conveyability resulting in less tippage, reduced debris trapping and improved safety.





96%  
Energy Efficient

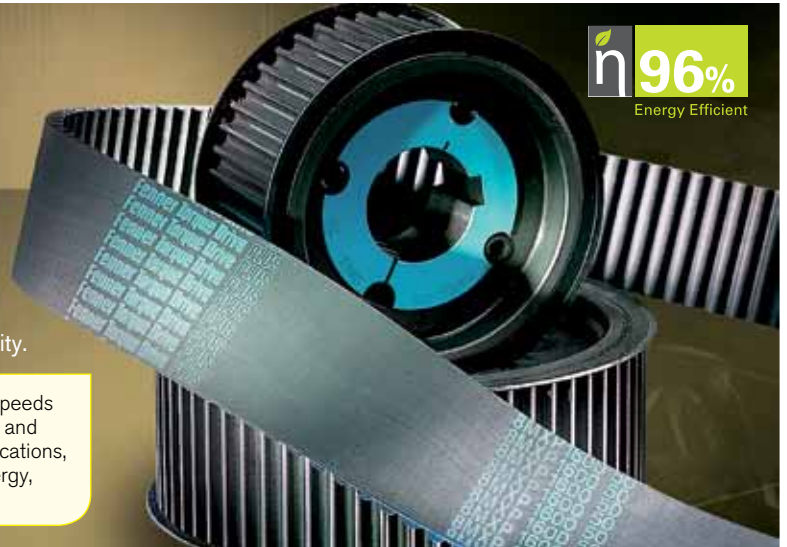
# Fenner®

## Torque Drive PLUS 3

Manufactured using the latest raw materials and production technology, Fenner Torque Drive PLUS 3 continues to push the boundaries of possibility.



TDP3 delivers synchronous driven speeds at efficiencies of 97% and upwards and when used on constant torque applications, can save significant amounts of energy, money and carbon emissions.



[www.fptgroup.com](http://www.fptgroup.com)

### Torque Drive PLUS 3 8mm Pitch (8MXP) Belts

20mm width

Part No	Pitch Length (mm)
8MXP-480-20-GT3-FEN	480
8MXP-560-20-GT3-FEN	560
8MXP-600-20-GT3-FEN	600
8MXP-640-20-GT3-FEN	640
8MXP-720-20-GT3-FEN	720
8MXP-800-20-GT3-FEN	800
8MXP-880-20-GT3-FEN	880
8MXP-960-20-GT3-FEN	960
8MXP-1040-20-GT3-FEN	1040
8MXP-1120-20-GT3-FEN	1120
8MXP-1200-20-GT3-FEN	1200
8MXP-1280-20-GT3-FEN	1280
8MXP-1440-20-GT3-FEN	1440
8MXP-1600-20-GT3-FEN	1600
8MXP-1760-20-GT3-FEN	1760
8MXP-1800-20-GT3-FEN	1800
8MXP-2000-20-GT3-FEN	2000
8MXP-2400-20-GT3-FEN	2400
8MXP-2600-20-GT3-FEN	2600
8MXP-2800-20-GT3-FEN	2800

30mm width

Part No	Pitch Length (mm)
8MXP-480-30-GT3-FEN	480
8MXP-560-30-GT3-FEN	560
8MXP-600-30-GT3-FEN	600
8MXP-640-30-GT3-FEN	640
8MXP-720-30-GT3-FEN	720
8MXP-800-30-GT3-FEN	800
8MXP-880-30-GT3-FEN	880
8MXP-960-30-GT3-FEN	960
8MXP-1040-30-GT3-FEN	1040
8MXP-1120-30-GT3-FEN	1120
8MXP-1200-30-GT3-FEN	1200
8MXP-1280-30-GT3-FEN	1280
8MXP-1440-30-GT3-FEN	1440
8MXP-1600-30-GT3-FEN	1600
8MXP-1760-30-GT3-FEN	1760
8MXP-1800-30-GT3-FEN	1800
8MXP-2000-30-GT3-FEN	2000
8MXP-2400-30-GT3-FEN	2400
8MXP-2600-30-GT3-FEN	2600
8MXP-2800-30-GT3-FEN	2800

50mm width

Part No	Pitch Length (mm)
8MXP-480-50-GT3-FEN	480
8MXP-560-50-GT3-FEN	560
8MXP-600-50-GT3-FEN	600
8MXP-640-50-GT3-FEN	640
8MXP-720-50-GT3-FEN	720
8MXP-800-50-GT3-FEN	800
8MXP-880-50-GT3-FEN	880
8MXP-960-50-GT3-FEN	960
8MXP-1040-50-GT3-FEN	1040
8MXP-1120-50-GT3-FEN	1120
8MXP-1200-50-GT3-FEN	1200
8MXP-1280-50-GT3-FEN	1280
8MXP-1440-50-GT3-FEN	1440
8MXP-1600-50-GT3-FEN	1600
8MXP-1760-50-GT3-FEN	1760
8MXP-1800-50-GT3-FEN	1800
8MXP-2000-50-GT3-FEN	2000
8MXP-2400-50-GT3-FEN	2400
8MXP-2600-50-GT3-FEN	2600
8MXP-2800-50-GT3-FEN	2800

85mm width

Part No	Pitch Length (mm)
8MXP-480-85-GT3-FEN	480
8MXP-560-85-GT3-FEN	560
8MXP-600-85-GT3-FEN	600
8MXP-640-85-GT3-FEN	640
8MXP-720-85-GT3-FEN	720
8MXP-800-85-GT3-FEN	800
8MXP-880-85-GT3-FEN	880
8MXP-960-85-GT3-FEN	960
8MXP-1040-85-GT3-FEN	1040
8MXP-1120-85-GT3-FEN	1120
8MXP-1200-85-GT3-FEN	1200
8MXP-1280-85-GT3-FEN	1280
8MXP-1440-85-GT3-FEN	1440
8MXP-1600-85-GT3-FEN	1600
8MXP-1760-85-GT3-FEN	1760
8MXP-1800-85-GT3-FEN	1800
8MXP-2000-85-GT3-FEN	2000
8MXP-2400-85-GT3-FEN	2400
8MXP-2600-85-GT3-FEN	2600
8MXP-2800-85-GT3-FEN	2800

### Torque Drive PLUS 3 14mm Pitch (14MXP) Belts

40mm width

Part No	Pitch Length (mm)
14MXP-966-40-GT3-FEN	996
14MXP-1190-40-GT3-FEN	1190
14MXP-1400-40-GT3-FEN	1400
14MXP-1610-40-GT3-FEN	1610
14MXP-1778-40-GT3-FEN	1778
14MXP-1890-40-GT3-FEN	1890
14MXP-2100-40-GT3-FEN	2100
14MXP-2310-40-GT3-FEN	2310
14MXP-2450-40-GT3-FEN	2450
14MXP-2590-40-GT3-FEN	2590
14MXP-2800-40-GT3-FEN	2800
14MXP-3150-40-GT3-FEN	3150
14MXP-3500-40-GT3-FEN	3500
14MXP-3850-40-GT3-FEN	3850
14MXP-4326-40-GT3-FEN	4326
14MXP-4578-40-GT3-FEN	4578

55mm width

Part No	Pitch Length (mm)
14MXP-966-55-GT3-FEN	996
14MXP-1190-55-GT3-FEN	1190
14MXP-1400-55-GT3-FEN	1400
14MXP-1610-55-GT3-FEN	1610
14MXP-1778-55-GT3-FEN	1778
14MXP-1890-55-GT3-FEN	1890
14MXP-2100-55-GT3-FEN	2100
14MXP-2310-55-GT3-FEN	2310
14MXP-2450-55-GT3-FEN	2450
14MXP-2590-55-GT3-FEN	2590
14MXP-2800-55-GT3-FEN	2800
14MXP-3150-55-GT3-FEN	3150
14MXP-3500-55-GT3-FEN	3500
14MXP-3850-55-GT3-FEN	3850
14MXP-4326-55-GT3-FEN	4326
14MXP-4578-55-GT3-FEN	4578

85mm width

Part No	Pitch Length (mm)
14MXP-966-85-GT3-FEN	996
14MXP-1190-85-GT3-FEN	1190
14MXP-1400-85-GT3-FEN	1400
14MXP-1610-85-GT3-FEN	1610
14MXP-1778-85-GT3-FEN	1778
14MXP-1890-85-GT3-FEN	1890
14MXP-2100-85-GT3-FEN	2100
14MXP-2310-85-GT3-FEN	2310
14MXP-2450-85-GT3-FEN	2450
14MXP-2590-85-GT3-FEN	2590
14MXP-2800-85-GT3-FEN	2800
14MXP-3150-85-GT3-FEN	3150
14MXP-3500-85-GT3-FEN	3500
14MXP-3850-85-GT3-FEN	3850
14MXP-4326-85-GT3-FEN	4326
14MXP-4578-85-GT3-FEN	4578

115mm width

Part No	Pitch Length (mm)
14MXP-966-115-GT3-FEN	996
14MXP-1190-115-GT3-FEN	1190
14MXP-1400-115-GT3-FEN	1400
14MXP-1610-115-GT3-FEN	1610
14MXP-1778-115-GT3-FEN	1778
14MXP-1890-115-GT3-FEN	1890
14MXP-2100-115-GT3-FEN	2100
14MXP-2310-115-GT3-FEN	2310
14MXP-2450-115-GT3-FEN	2450
14MXP-2590-115-GT3-FEN	2590
14MXP-2800-115-GT3-FEN	2800
14MXP-3150-115-GT3-FEN	3150
14MXP-3500-115-GT3-FEN	3500
14MXP-3850-115-GT3-FEN	3850
14MXP-4326-115-GT3-FEN	4326
14MXP-4578-115-GT3-FEN	4578

170mm width also available.



**DIRECT Know-How**  
Specialist Technical Centres

# Fenner®

## HTD Synchronous Belts

Fenner HTD belts have a curvilinear tooth form giving a more uniform distribution of shear stresses within the teeth. This also provides a more uniform transition of tooth loads to the tensile members in the belt which significantly improves upon classical timing belts.

- Ultra compact and cost-effective drives
- Runs optimally on standard HTD pulleys
- Minimum backlash for precise positioning



[www.fptgroup.com](http://www.fptgroup.com)

### Fenner HTD Timing Belt

Part No	Pitch (mm)	Length (mm)	Width (mm)
305-5M15-FEN	5	305	15
325-5M15-FEN	5	325	15
350-5M15-FEN	5	350	15
400-5M15-FEN	5	400	15
450-5M15-FEN	5	450	15
500-5M15-FEN	5	500	15
575-5M15-FEN	5	575	15
640-5M15-FEN	5	640	15
700-5M15-FEN	5	700	15
800-5M15-FEN	5	800	15
890-5M15-FEN	5	890	15
980-5M15-FEN	5	980	15
1100-5M15-FEN	5	1100	15
1200-5M15-FEN	5	1200	15
1270-5M15-FEN	5	1270	15
1420-5M15-FEN	5	1420	15
1595-5M15-FEN	5	1595	15
1800-5M15-FEN	5	1800	15
480-8M20-FEN	8	480	20
560-8M20-FEN	8	560	20
600-8M20-FEN	8	600	20
640-8M20-FEN	8	640	20
640-8M50-FEN	8	640	50
720-8M20-FEN	8	720	20
720-8M30-FEN	8	720	30
720-8M50-FEN	8	720	50

Part No	Pitch (mm)	Length (mm)	Width (mm)
800-8M20-FEN	8	800	30
800-8M30-FEN	8	800	30
800-8M50-FEN	8	800	50
880-8M20-FEN	8	880	20
880-8M30-FEN	8	880	30
960-8M20-FEN	8	960	20
960-8M30-FEN	8	960	30
1040-8M20-FEN	8	1040	20
1040-8M30-FEN	8	1040	30
1120-8M20-FEN	8	1120	20
1120-8M30-FEN	8	1120	30
1120-8M50-FEN	8	1120	50
1200-8M20-FEN	8	1200	20
2000-8M20-FEN	8	2000	20
2000-8M30-FEN	8	2000	30
2400-8M50-FEN	8	2400	50
2600-8M30-FEN	8	2600	30
1190-14M85-FEN	14	1190	85
966-14M40-FEN	14	966	40
966-14M55-FEN	14	966	55
1190-14M40-FEN	14	1190	40
1190-14M55-FEN	14	1190	55
1400-14M40-FEN	14	1400	40
1400-14M55-FEN	14	1400	55
1400-14M85-FEN	14	1400	85
1610-14M40-FEN	14	1610	40

Part No	Pitch (mm)	Length (mm)	Width (mm)
1610-14M55-FEN	14	1610	55
1778-14M40-FEN	14	1778	40
1778-14M55-FEN	14	1778	55
1890-14M40-FEN	14	1890	40
1890-14M55-FEN	14	1890	55
2100-14M40-FEN	14	2100	40
2100-14M55-FEN	14	2100	55
2100-14M85-FEN	14	2100	85
2310-14M40-FEN	14	2310	40
2310-14M55-FEN	14	2310	55
2310-14M85-FEN	14	2310	85
3150-14M55-FEN	14	3150	55
3850-14M85-FEN	14	3850	85
1200-8M30-FEN	8	1200	30
1200-8M50-FEN	8	1200	50
1200-8M85-FEN	8	1200	85
1280-8M20-FEN	8	1280	20
1280-8M30-FEN	8	1280	30
1280-8M50-FEN	8	1280	50
1440-8M20-FEN	8	1440	20
1440-8M30-FEN	8	1440	30
1600-8M20-FEN	8	1600	20
1600-8M30-FEN	8	1600	30
1760-8M20-FEN	8	1760	20
1760-8M30-FEN	8	1760	30
1800-8M20-FEN	8	1800	20
1800-8M30-FEN	8	1800	30

POWER TRANSMISSION

## Fenner® Cutting Service

**No Stock – Can't Find What You're Looking For?**

Then call ERIKS. Our in-house belt cutting service can help.

Most Fenner HTD and all TDP3 belts are stocked as sleeves (slab) and can be cut-to-width on demand. To order see below:



### HTD Belts

**SLAB-HTD-1610-14M-FEN**

Constant | Belt Length | Pitch | Fenner Brand

### Torque Drive PLUS 3

**SLAB-8MXP-1280-FEN**

Constant | Pitch | Belt Length | Fenner Brand

### Classical Timing Belts

**SLAB-T/BELT-510L-FEN**

Constant | Belt Length | Fenner Brand | Pitch Letter

# Fenner®

## Synchronous Pulleys

Fenner pulleys are designed for use with Fenner timing belts for ease of fitment and use.

- Available in both Classical Timing and HTD
- Precision machined grooves maximise belt-life while reducing noise emissions
- Special designs and sizes are available
- Maximum rim speed up to 40m/s



[www.fptgroup.com](http://www.fptgroup.com)

### Fenner Taper Bore HTD Synchronous Pulley

Part No	No. of teeth	Pitch (mm)
34-5M15-FEN	34	5
36-5M15-FEN	36	5
40-5M15-FEN	40	5
44-5M15-FEN	44	5
48-5M15-FEN	48	5
56-5M15-FEN	56	5
64-5M15-FEN	64	5
72-5M15-FEN	72	5
80-5M15-FEN	80	5
90-5M15-FEN	90	5
24-8M20-FEN	24	8
26-8M20-FEN	26	8
30-8M20-FEN	30	8
30-8M30-FEN	30	8
30-8M50-FEN	30	8
32-8M20-FEN	32	8
32-8M30-FEN	32	8
36-8M20-FEN	36	8
36-8M30-FEN	36	8
38-8M30-FEN	38	8

Part No	No. of teeth	Pitch (mm)
40-8M20-FEN	40	8
40-8M30-FEN	40	8
44-8M30-FEN	44	8
48-8M20-FEN	48	8
48-8M30-FEN	48	8
56-8M20-FEN	56	8
56-8M30-FEN	56	8
56-8M50-FEN	56	8
72-8M20-FEN	72	8
72-8M30-FEN	72	8
80-8M50-FEN	80	8
112-8M30-FEN	112	8
112-8M50-FEN	112	8
144-8M50-FEN	144	8
192-8M50-FEN	192	8
28-14M40-FEN	28	14
28-14M55-FEN	28	14
28-14M85-FEN	28	14
29-14M85-FEN	29	14
30-14M85-FEN	30	14

Part No	No. of teeth	Pitch (mm)
32-14M85-FEN	32	14
34-14M55-FEN	34	14
36-14M40-FEN	36	14
36-14M55-FEN	36	14
38-14M85-FEN	38	14
40-14M55-FEN	40	14
40-14M85-FEN	40	14
44-14M55-FEN	44	14
48-14M55-FEN	48	14
56-14M40-FEN	56	14
56-14M55-FEN	56	14
56-14M85-FEN	56	14
64-14M85-FEN	64	14
72-14M40-FEN	72	14
72-14M55-FEN	72	14
72-14M85-FEN	72	14
90-14M55-FEN	90	14
144-14M55-FEN	144	14
144-14M85-FEN	144	14
192-14M85-FEN	192	14

### Fenner Taper Lock HTD Pulleys - 14M

Part No	No. of Teeth	Width (mm)
28-14M40-FEN	28	40
29-14M40-FEN	29	40
30-14M40-FEN	30	40
32-14M40-FEN	32	40
34-14M40-FEN	34	40
36-14M40-FEN	36	40
38-14M40-FEN	38	40
40-14M40-FEN	40	40
44-14M40-FEN	44	40
48-14M40-FEN	48	40
56-14M40-FEN	56	40
64-14M40-FEN	64	40
72-14M40-FEN	72	40
80-14M40-FEN	80	40
90-14M40-FEN	90	40
112-14M40-FEN	112	40
144-14M40-FEN	144	40
168-14M40-FEN	168	40
192-14M40-FEN	192	40

Part No	No. of Teeth	Width (mm)
28-14M55-FEN	28	55
29-14M55-FEN	29	55
30-14M55-FEN	30	55
32-14M55-FEN	32	55
34-14M55-FEN	34	55
36-14M55-FEN	36	55
38-14M55-FEN	38	55
40-14M55-FEN	40	55
44-14M55-FEN	44	55
48-14M55-FEN	48	55
56-14M55-FEN	56	55
64-14M55-FEN	64	55
72-14M55-FEN	72	55
80-14M55-FEN	80	55
90-14M55-FEN	90	55
112-14M55-FEN	112	55
144-14M55-FEN	144	55
168-14M55-FEN	168	55
192-14M55-FEN	192	55

Part No	No. of Teeth	Width (mm)
28-14M85-FEN	28	85
29-14M85-FEN	29	85
30-14M85-FEN	30	85
32-14M85-FEN	32	85
34-14M85-FEN	34	85
36-14M85-FEN	36	85
38-14M85-FEN	38	85
40-14M85-FEN	40	85
44-14M85-FEN	44	85
48-14M85-FEN	48	85
56-14M85-FEN	56	85
64-14M85-FEN	64	85
72-14M85-FEN	72	85
80-14M85-FEN	80	85
90-14M85-FEN	90	85
112-14M85-FEN	112	85
144-14M85-FEN	144	85
168-14M85-FEN	168	85
192-14M85-FEN	192	85



**Go DIRECT**  
To your Local Service Centre

# Fenner® PLUS Chain

## Increased fatigue resistance

- Shot peening of roller and side plates gives increased fatigue resistance
- Ball swaged side plate holes improve finish and combat fatigue failure
- Deep waisted side plates increase effective cross section lowering fatigue

## Fit and forget reliability

- Preloaded to bed in all component parts
- Final 100% quality check enabling you to simply fit and forget



Also available  
OKS Chain and  
Drive Spray  
Product Ref:  
OKS3751-500ML

[www.fptgroup.com](http://www.fptgroup.com)

POWER  
TRANSMISSION

## Comprehensive range

- Extensive range of BS and ANSI chains with attachments available from stock
- Hollow Pin, Agricultural and Double Pitch chains all available to order
- Can be supplied 'cut to length' or in 'boxed' Lengths
- Full range of Taper Lock and Pilot Bored sprockets available from stock

### Fenner PLUS Chain Single Crank Link

Part No	ISO Ref.	Pitch (inch)
110038/12-FENNER+	06B-1	3/8
110046/12-FENNER+	08B-1	1/2
110056/12-FENNER+	10B-1	5/8
110066/12-FENNER+	12B-1	3/4
110088/12-FENNER+	16B-1	1
110106/12-FENNER+	20B-1	1.1/4
110127/12-FENNER+	24B-1	1.1/2
114038/12-FENNER+	06B-2	3/8
114046/12-FENNER+	08B-2	1/2

### Fenner PLUS Chain Spring Clip Conn Link

Part No	ISO Ref.	Pitch (inch)
114056/26-FENNER+	10B-2	5/8
114066/26-FENNER+	12B-2	3/4
114088/26-FENNER+	16B-2	1
116066/26-FENNER+	12B-3	3/4
116088/26-FENNER+	16B-3	1
119047/26-FENNER+	ASA 40	1/2
119057/26-FENNER+	ASA 50	5/8
119067/26-FENNER+	ASA 60	3/4
119087/26-FENNER+	ASA 80	1

### BS Fenner PLUS Chain

Part No	Description	ISO Ref.	Pitch (inch)	Box Qty (ft)
110038-25FT-FENNER+	06B-1 25ft Box	06B-1	3/8	25
110046-25FT-FENNER+	08B-1 25ft Box	08B-1	1/2	25
110056-25FT-FENNER+	10B-1 25ft Box	10B-1	5/8	25
110066-25FT-FENNER+	12B-1 25ft Box	12B-1	3/4	25
110088-10FT-FENNER+	16B-1 10ft Box	16B-1	1	10
110106-10FT-FENNER+	20B-1 10ft Box	20B-1	1.1/4	10
110127-10FT-FENNER+	24B-1 10ft Box	24B-1	1.1/2	10
114038-25FT-FENNER+	06B-2 25ft Box	06B-2	3/8	25
114046-25FT-FENNER+	08B-2 25ft Box	08B-2	1/2	25
114056-25FT-FENNER+	10B-2 25ft Box	10B-2	5/8	25
114066-25FT-FENNER+	12B-2 25ft Box	12B-2	3/4	25
114088-10FT-FENNER+	16B-2 10ft Box	16B-2	1	10
116038-25FT-FENNER+	06B-3 25ft Box	06B-3	3/8	25
116066-25FT-FENNER+	12B-3 25ft Box	12B-3	3/4	25
116088-10FT-FENNER+	16B-3 10ft Box	16B-3	1	10

### ANSI Fenner PLUS Chain

Part No	Description	ISO Ref.	Pitch (inch)	Box Qty (ft)
119047-25FT-FENNER+	ASA40-1 25ft Box	ASA 40	1/2	25
119057-25FT-FENNER+	ASA50-1 25ft Box	ASA 50	5/8	25
119067-25FT-FENNER+	ASA60-1 25ft Box	ASA 60	3/4	25
119087-10FT-FENNER+	ASA80-1 10ft Box	ASA 80	1	10


## \* Also available:

### Sprocket Reworking Service

The ERIKS Core Competence Centre for Drives and Power Transmission is pleased to offer you a new in-house sprocket reworking service.

- Stocking 3/8" to 3/4" pitch simplex in preferred tooth numbers\*\*
- Standard product will be bored to H7 tolerance with grubscrew over keyway\*
- References on the system as follows: 1/2S-17T-BK-FEN
- Pricing can be located on system

\* Parallel key only  
\*\* Duplex/triplex sprockets and platewheels coming soon



See page 80 for more information on our range of sprockets

# Fenner® PLUS

## Lubrication-Free Chain

Fenner PLUS lubrication-free chain is an ideal solution for situations where lubrication is difficult or contamination and fire are serious potential problems.

- Built-in lubrication – Fenner PLUS lubrication-free chain has been specially manufactured to exacting standards and features its own built-in lubrication
- Using sintered bushes impregnated with oil, Fenner lubrication-free chain can operate at up to 2.5m/sec, which is more than twice that of composite bush chains



**POSITIVE  
RISK  
REDUCTION**



### The Greener, Cleaner Option

Fenner PLUS Lubrication Free chain utilises sintered bush chain technology which negates the need to pre-lubricate the chain for storage or running. The porous bush is lightly impregnated with oil which gives the same performance characteristics as lubricated chain without the need for periodical applications of lubricant whilst the chain is in use.

This reduces risk to personnel as they don't have to climb into machines to lubricate product and reduces waste oil products having to be recycled safely and legally.

**EPX**

[www.fptgroup.com](http://www.fptgroup.com)

### Fenner PLUS Lubrication-Free Chain

Product No	ISO Ref	Pitch (in)	Box Qty (Ft)
BS08B-1LF-25FT-FENNER+	08B-1	1/2	25
BS10B-1LF-25FT-FENNER+	10B-1	5/8	25
BS12B-1LF-25FT-FENNER+	12B-1	3/4	25
BS16B-1LF-25FT-FENNER+	16B-1	1	25
BS08B-2LF-25FT-FENNER+	08B-2	1/2	25
BS10B-2LF-25FT-FENNER+	10B-2	5/8	25

Product No	ISO Ref	Pitch (in)	Box Qty (Ft)
BS12B-2LF-25FT-FENNER+	12B-2	3/4	25
BS16B-2LF-25FT-FENNER+	16B-2	1	25
BS08B-3LF-25FT-FENNER+	08B-3	1/2	25
BS10B-3LF-25FT-FENNER+	10B-3	5/8	25
BS12B-3LF-25FT-FENNER+	12B-3	3/4	25
BS16B-3LF-25FT-FENNER+	16B-3	1	25

# Fenner® Sprockets

Fenner sprockets are available with either Taper Lock® or Pilot Bored fixings and are precision manufactured from fine grade steel. Sprockets are available in simplex, duplex and triplex forms for sizes 05B to 20B.

## 5/8D-27T-TL-FEN

Pitch (Inches)	Number of teeth	Manufacturer
Form S for Simplex D for Duplex T for Triplex	Fixing TL for Taper Lock PB for Pilot Bore	



[www.fptgroup.com](http://www.fptgroup.com)



**DIRECT Attention**  
Workshops offering repair or replacement



## Synergy Chain

The only true high performance roller chain on the market! This isn't our verdict, but that of engineers around the world, who consistently report that these superb products offer excellent wear and fatigue resistance, and exceptional working life. Its performance which results from years of research and development to deliver a product which is quite simply the most reliable of its kind. Outstanding features include:

### Fit it and forget it

- Backed by the Synergy Wear Life Guarantee
- Unbeatable wear resistance delivers maximum productivity
- Special platinum-coloured connecting link for easy identification and fast disconnect
- Unique end-softened pins for quick and easy cutting to length – without damaging the rest of the chain
- Higher resistance to shock loading

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
110038-25FT-REN	06B-1	3/8	25
110046-25FT-REN	08B-1	1/2	25
110056-25FT-REN	10B-1	5/8	25
110066-25FT-REN	12B-1	3/4	25
110088-10FT-REN	16B-1	1	10
110106-10FT-REN	20B-1	1.1/4	10
110127-10FT-REN	24B-1	1.1/2	10
114038-25FT-REN	06B-2	3/8	25
114046-25FT-REN	08B-2	1/2	25
114056-25FT-REN	10B-2	5/8	25
114066-25FT-REN	12B-2	3/4	25
114088-10FT-REN	16B-2	1	10
114106-10FT-REN	20B-2	1.1/4	10
114127-10FT-REN	24B-2	1.1/2	10
116038-25FT-REN	06B-3	3/8	25
116046-25FT-REN	08B-3	1/2	25
116056-25FT-REN	10B-3	5/8	25
116066-25FT-REN	12B-3	3/4	25
116088-10FT-REN	16B-3	1	10
116106-10FT-REN	20B-3	1.1/4	10
116127-10FT-REN	24B-3	1.1/2	10

## RENOLD

*The biggest single innovation in power transmission technology since Renold invented the bush roller chain*

*Wear resistance and performance without equal*



POWER TRANSMISSION

## Syno Chain

If lubrication's a problem – here's the solution! Designed around unique Renold technology, these chains set a new benchmark for chain performance with little or no lubrication. Offering real improvements in working life, thanks to outstanding wear and fatigue resistance, the range covers both small and large pitch sizes and is dimensionally interchangeable with standard chains. Using food industry-approved lubricant within the sintered bush, they have an ISO standard pin diameter, and therefore standard attachments on the outer links.

- Large and small pitch sizes
- No lubrication normally required
- Totally dry to the touch
- Nickel-plated plates
- Excellent corrosion resistance
- Unique food industry-approved roller coating
- Dimensionally interchangeable with standard chain
- ISO standard pin diameter

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
110438-10FT-REN	06B-1	3/8	10
110446-10FT-REN	08B-1	1/2	10
110456-10FT-REN	10B-1	5/8	10
110466-10FT-REN	12B-1	3/4	10
110488-10FT-REN	16B-1	1	10



**RENOLD**

## Renold Sovereign

British Standard

Simplex

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
110846-25FT-REN	08B-1	1/2	25
110856-25FT-REN	10B-1	5/8	25
110866-25FT-REN	12B-1	3/4	25
110888-10FT-REN	16B-1	1	10

Duplex

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
114846-25FT-REN	08B-2	1/2	25
114856-25FT-REN	10B-2	5/8	25
114866-25FT-REN	12B-2	3/4	25
114888-10FT-REN	16B-2	1	10



## Renold Stainless Steel

British Standard

Simplex

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
185118-10FT-REN	05B-1	5/16	10
185302-10FT-REN	06B-1	3/8	10
181707-10FT-REN	08B-1	1/2	10
180280-10FT-REN	10B-1	5/8	10
185634-10FT-REN	12B-1	3/4	10
187900-10FT-REN	16B-1	1	10

Duplex

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
185122-10FT-REN	06B-2	3/8	10
185125-10FT-REN	08B-2	1/2	10
185126-10FT-REN	10B-2	5/8	10
185127-10FT-REN	12B-2	3/4	10
185128-10FT-REN	16B-2	1	10



## Renold Hydro-Service

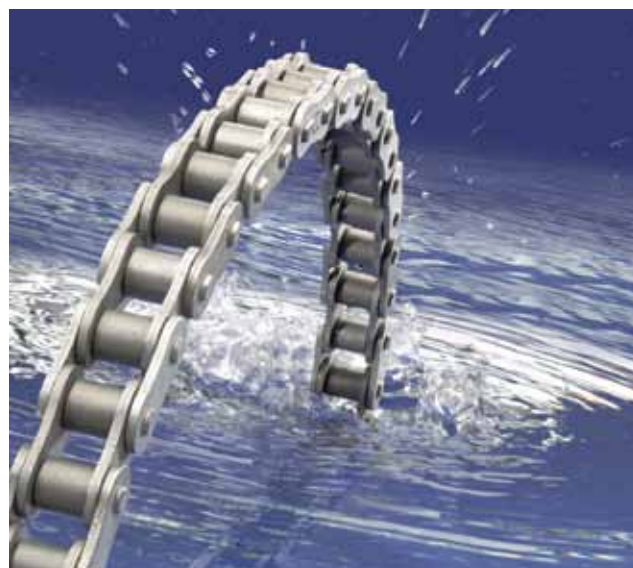
British Standard

Simplex

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
530038-10FT-REN	06B-1	3/8	10
530046-10FT-REN	08B-1	1/2	10
530056-10FT-REN	10B-1	5/8	10
530066-10FT-REN	12B-1	3/4	10
530088-10FT-REN	16B-1	1	10
530106-10FT-REN	20B-1	1.1/4	10
530127-10FT-REN	24B-1	1.1/2	10

Duplex

Part No	ISO Ref	Pitch (inch)	Box Qty (ft)
534038-10FT-REN	06B-2	3/8	10
534046-10FT-REN	08B-2	1/2	10
534056-10FT-REN	10B-2	5/8	10
534066-10FT-REN	12B-2	3/4	10
534088-10FT-REN	16B-2	1	10
534106-10FT-REN	20B-2	1.1/4	10
534127-10FT-REN	24B-2	1.1/2	10



**RENOLD**  
**Synergy™**



**LASTS 3 TIMES  
LONGER IN WEAR THAN  
YOUR CURRENT CHAIN OR  
YOUR NEXT CHAIN IS FREE**

*Renold Synergy is the only high performance transmission chain on the market*

- *Unbeatable wear and fatigue resistance*
- *Withstands shock loadings better than any other standard chain*
- *Reduced initial wear*
- *Productivity improves with Renold Synergy*

*To find out how Renold Synergy can enhance your productivity, call us on;  
Tel: +44 (0)161 498 4600*

*Email: [synergy@renold.com](mailto:synergy@renold.com)*

**RENOLD**  
Superior Chain Technology

[www.renold.com/synergy](http://www.renold.com/synergy)

**RENOLD**

## Chain Pin Extractor

Do you have to grind chain to cut it? Renold makes cutting chain easy. Using the Renold Chain Pin Extractor cutting chain is effortless, it takes just seconds and there's no mess.

[www.renoldpinextractor.com](http://www.renoldpinextractor.com)



## Chain Wear Guide

You can use a simple wear guide to identify when your chain has reached the point when it needs to be replaced. Running a worn chain will reduce efficiency, accelerate the wearing of sprocket teeth and increase operational noise. The Renold Chain Wear Guide helps you to measure chain extension and improve maintenance.

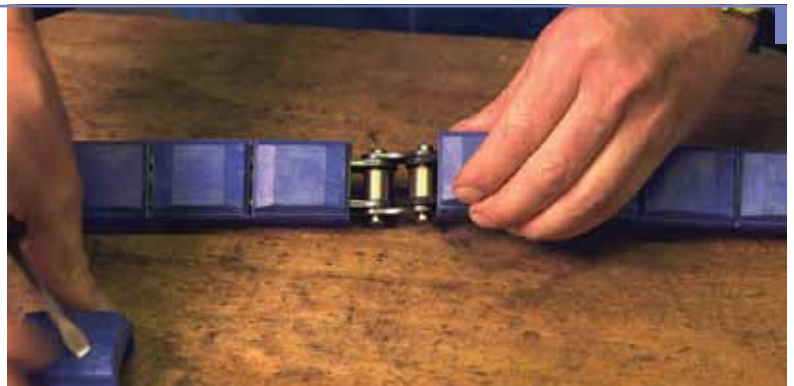
[www.chainwearguide.com](http://www.chainwearguide.com)



## Renold Klik-Top Polymer Block Chain

You can use a simple wear guide to identify when your chain has reached the point when it needs to be replaced. Running a worn chain will reduce efficiency, accelerate the wearing of sprocket teeth and increase operational noise. The Renold Chain Wear Guide helps you to measure chain extension and improve maintenance.

[www.kliktopchain.com](http://www.kliktopchain.com)



## Renold Chain Selector

The new Chain Selector from Renold has been launched, making it even easier to specify the right transmission chain for the job. You can quickly and easily generate a selection, alter parameters to include environmental factors like corrosion or lubrication and even allow for applications with shock loads.

[www.renoldchainselector.com](http://www.renoldchainselector.com)

PERFORMANCE DATA	NUMBER OF TEETH	CENTRE DISTANCE / NO. LINKS
Input Force: <input type="text"/> (N) Input Speed of Driving Sprocket: <input type="text"/> (rpm)	Driving Sprocket: <input type="text"/> (16) Driven Sprocket: <input type="text"/> (16) Ratio: <input type="text"/> (1)	Pitch: <input type="text"/> (10mm) Centre Distance: <input type="text"/> (mm)
<b>LOADING CLASSIFICATION</b> Driving Machine Characteristics: <input type="checkbox"/> General-purpose (normal torque, etc.) <input type="checkbox"/> High-torque (peak loads > 1.5 x F <sub>nom</sub> ) <input type="checkbox"/> Shock loads (see Part B of the spec) Driven Machine Characteristics: <input type="checkbox"/> General-purpose (normal torque, etc.) <input type="checkbox"/> Multiple starts (start up shock, etc.) <input type="checkbox"/> Heavy shock (impact, resistance, etc.)	<b>LUBRICATION</b> <input type="checkbox"/> Dry Running (no lubrication) <input type="checkbox"/> Frequent lubrication (manual or automatic) <input type="checkbox"/> Permanent <input type="checkbox"/> Self-Temp. Regulated	<b>CHAIN SELECTION</b> <input checked="" type="checkbox"/> Automatic Selection <input type="checkbox"/> Manual Selection Standard: <input type="text"/> (16A) Product Range: <input type="text"/> (Renold Range)
<b>ENVIRONMENTAL CONDITIONS</b> Environment: <input type="text"/> (Normal) <input type="text"/> (Corrosive) Location: <input type="text"/> (Indoor) <input type="text"/> (Outdoor)		



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# DRIVES AND ROLLERS



INSPIRED BY  
EFFICIENCY

THE HEART OF CONVEYOR TECHNOLOGY



Interroll offer a complete range of innovative and state-of-the-art products including IP66/IP67 Belt Drives, RollerDrives (24VDC powered rollers) and Conveyor Rollers to provide for a smooth and stringent hygienic flow of material within industry. Interroll offer customers an all embracing drive solution that includes professional consulting services, a comprehensive product portfolio for drum motor technology and conveying components, with assurance of a prompt and responsive after sales service. Together we are committed to excellence.

- Motorised Drums - Dia.80mm - 315mm in mild steel or stainless steel
- Modular Belt Drives - drum motors covered with FDA approved profiled lagging or sprockets
- 24V DC Roller Drives and Drive Control products



- Conveyor Rollers in diameters 20mm - 190mm, lengths from 70mm -3500 mm.
- Drives & Rollers for Pallet handling conveyors
- Pallet Drives / Rollers



INTERROLL  
CORPORATE  
ART



**DIRECT Attention**  
Workshops offering repair or replacement

# INTERROLL OFFER DRIVE IN SERVICE

If you want to be recognised as a leading company in your market sector, you need to be sure you can count on your partners and associate suppliers, day and night, for solutions beyond the call of duty in terms of quality of products and service.

This is synonymous with Interroll and its diverse, high quality range of maintenance-free, reliable drum motors that are designed to tackle even the most difficult applications in materials handling.

## One-Stop Sourcing

With over 50 years experience, Interroll have been designing energy efficient motorised drums, idler pulleys and brackets to provide a simple, cost effective and quick method of building maintenance-free, hygienic belt conveyors and associated material handling equipment. Interroll also offers a full and comprehensive range of rollers to suit every type of conveyor. The conveyor rollers are manufactured from high quality materials with specially designed housings seals protecting roller bearings, in diameters from 16 mm to 190 mm and lengths from 70 mm to 3500 mm.

Where as, conventional geared motor drives consist of several separate component parts purchased from many individual manufacturers and suppliers, Interroll offer a 'one stop shop' purchasing for drive systems - saving costs and valuable management time.

No matter what the task or operating conditions, Interroll engineers have provided standard product or adapted drum motors to suit customer specific handling applications. The compact 'sealed for life' drum design ensures trouble free conveying of materials under the most arduous conditions, and with no maintenance requirements this results in lower operating costs and higher productivity. Available in diameters 80mm to 315mm - in mild steel, stainless steel or rubber profiled lagging, with various accessories, Interroll offer a comprehensive 'drive package' with an enviable standard product warranty.

Also, Interroll offers a range of integrally powered 24VDC RollerDrive and DriveControl products that can be integrated to meet a multitude of needs for customised conveyor control and revolutionises the automated conveyor industry. Designed mainly to be used in powered zero pressure accumulation conveyors, the standard RollerDrive enclosure is IP54 with an optional IP66 rating.

## Service is Paramount

Interroll are aware that motor failure on conveyor systems results in expensive downtime and therefore, have developed an international service network where you can report problems, order replacement Drum Motors and request professional engineering support from regional service centres. This reduces the need for customers to hold expensive stocks of spare parts whilst ensuring that they maintain constant and efficient internal productivity levels.

Interroll Managing Director, Chris Middleton commented, "We believe that customer service is of paramount importance and should never be taken for granted. Interroll's success has come about by a combination of factors - firstly, our drum motors are engineered to the highest standards, but then we make certain that we can get the product to the customer on time, to the right specification and provide them with the after sales support that many industries demand these days. Be it a food processing plant, packaging line or even an airports baggage handling conveyor - down time is unacceptable and costly. That is why we have made a major commitment to structuring a dedicated service department with repair workshop and comprehensive stocks of spares in order for us to support our customers throughout the UK."



*Motorised drums, idler pulleys and brackets to provide a simple, cost effective and quick method of building maintenance-free, hygienic belt conveyors.*



*Interroll motorised drums are available in mild steel, stainless steel or rubber profiled lagging.*



*Interroll dedicated workshop and service department provides industry with comprehensive drive cover*