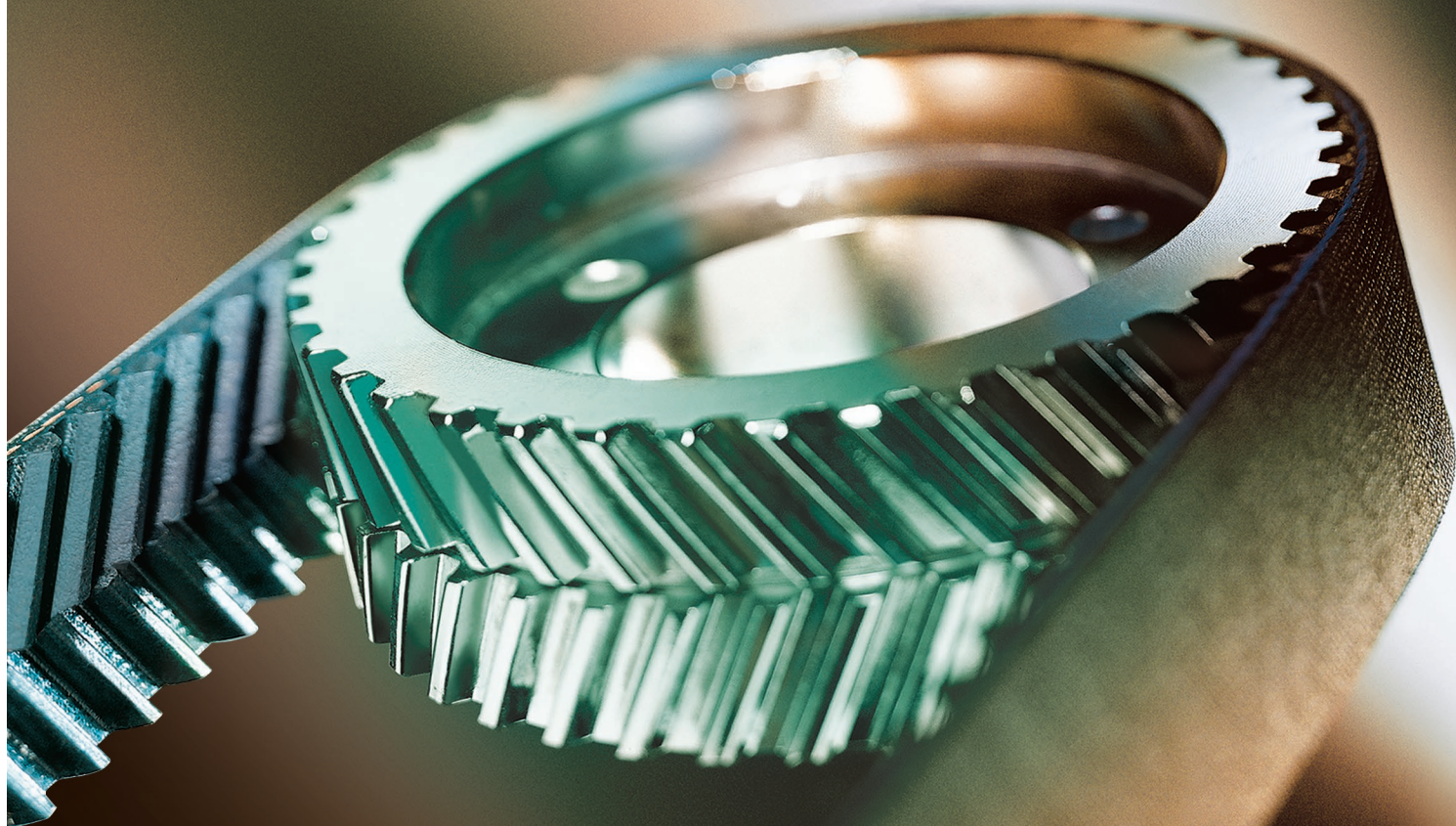


**Continental**   
The Future in Motion

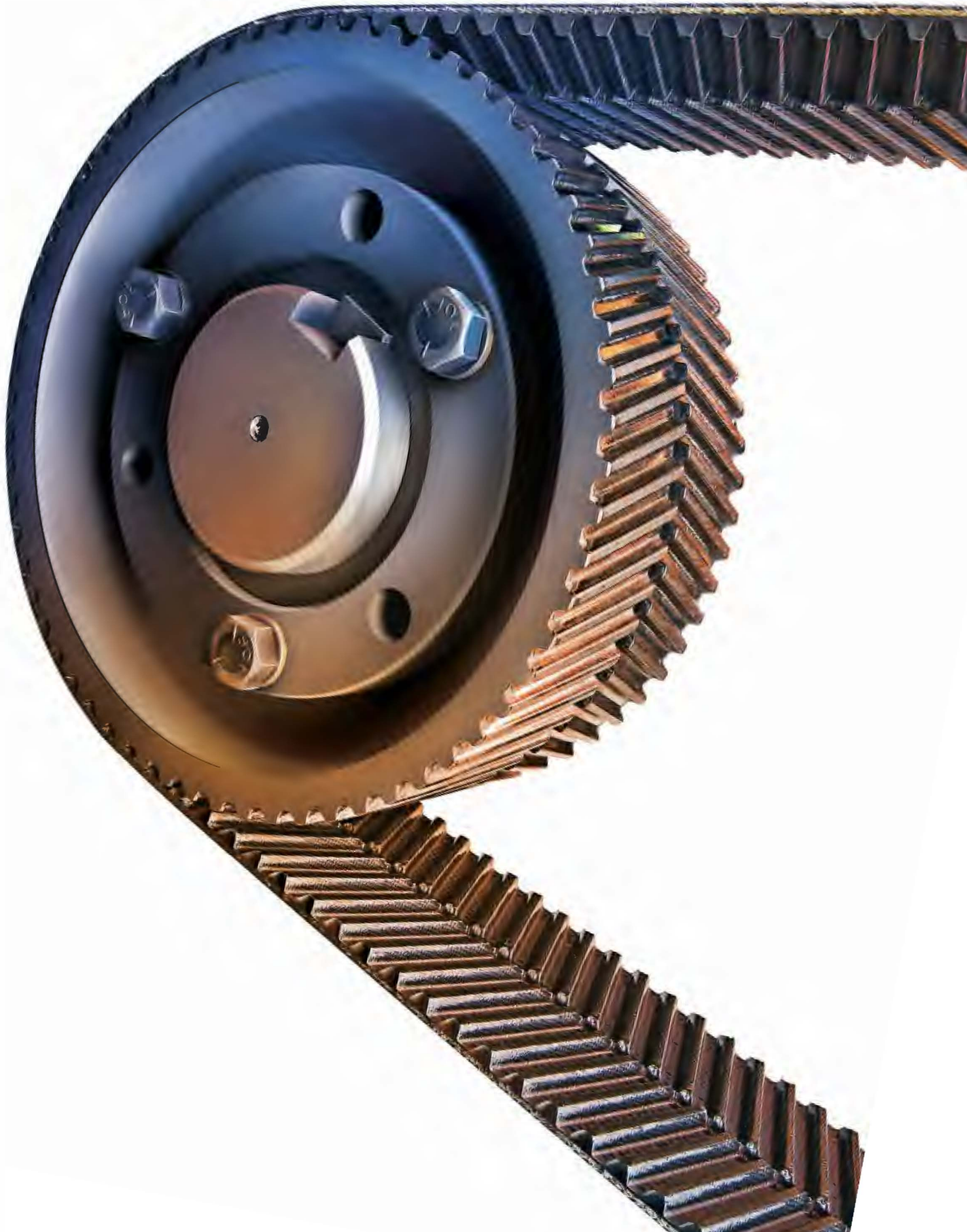


 **SilentSync**<sup>®</sup>

**Introducing SilentSync**  
A Powerful Innovation in  
Synchronous Drive Systems

[www.contitech.us](http://www.contitech.us)

**ContiTech**





# **SilentSync**<sup>®</sup>

## Benefits that Add Up

Up to **19dB** quieter  
than straight-tooth belts

Over **1,500**  
possible sprocket combinations

Up to **25%** more  
power capacity\*

Rated for  
continuous service at

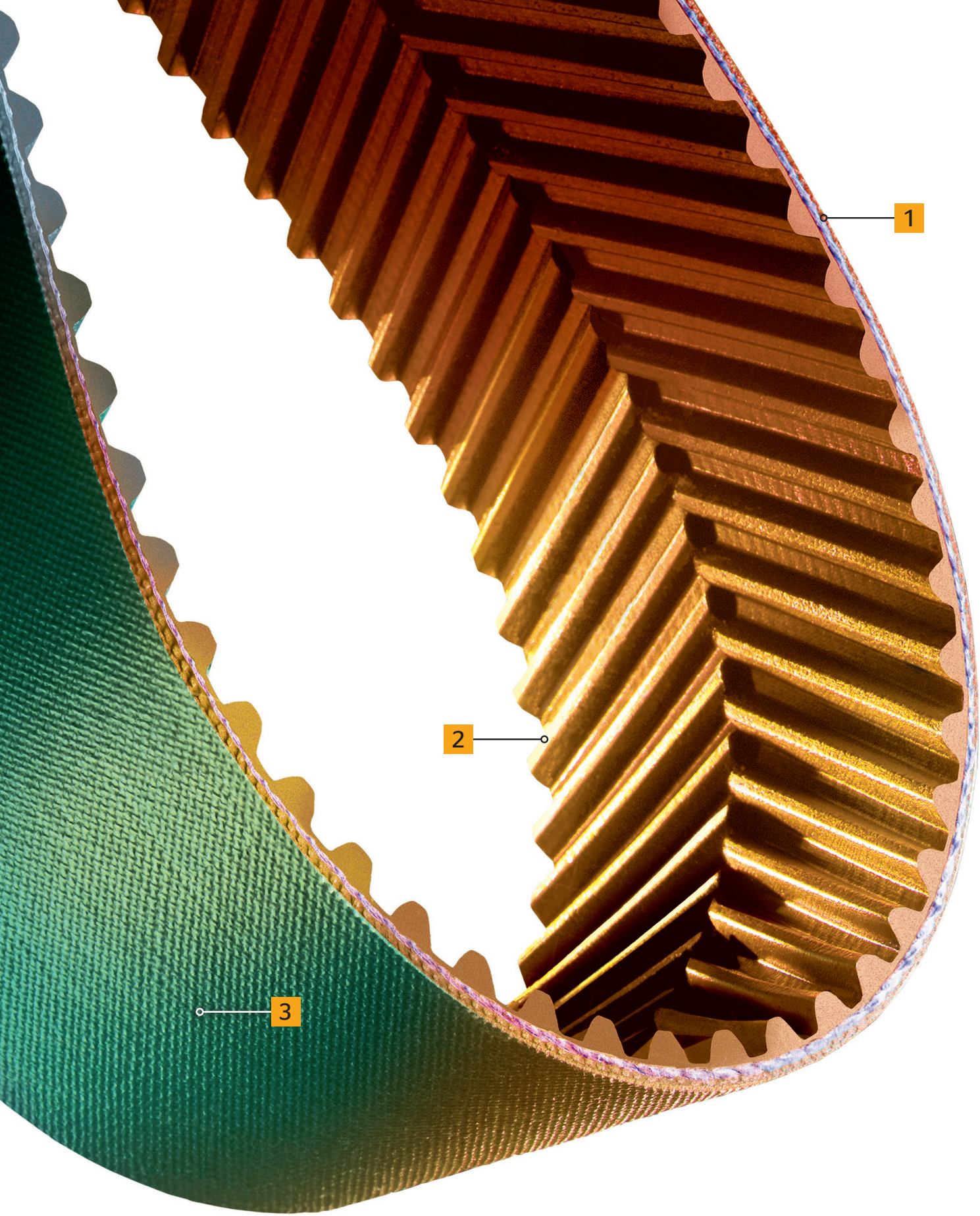
**200°F**  
(93.3°C)

static conductive\*\*

Up to **98%**  
energy efficiency

\*When compared to SilentSync. \*\*Drive conditions and service variables in combination with time in operation can result in loss of static conductivity. It is recommended that a conductivity check be added to drive prevention maintenance programs where belt static conductivity is a requirement. For more information on static conductivity, visit us at [www.contitech.us](http://www.contitech.us).





1

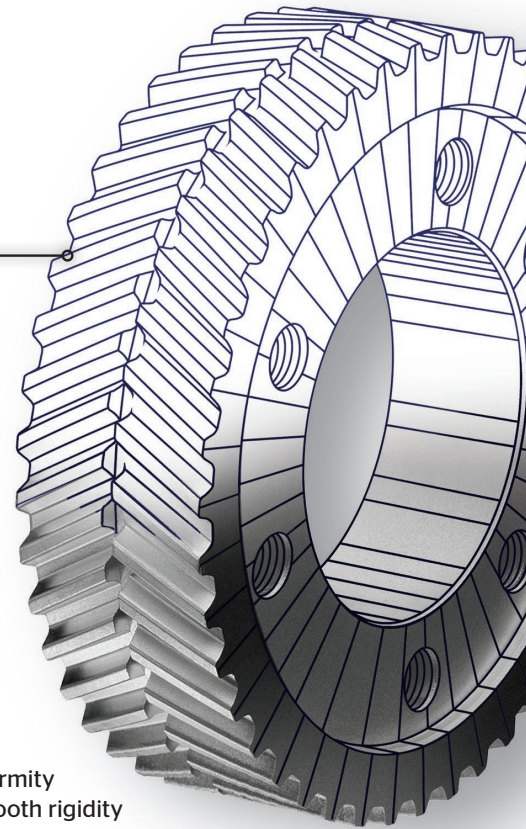
2

3

# Engineered for Energy Efficiency

The construction of SilentSync® belts and sprockets makes them extremely adaptable to the needs of design engineers and cost-efficient for the end user

4



## 1 *Aramid Tensile Member*

- › Pound for pound, stronger and more flexible than steel to handle today's drive designs
- › Resists fatigue, elongation and shock loads, even in high-torque conditions, so there's no need to retension belts once properly installed

## 2 *Plioguard® Facing*

- › New proprietary treatment strengthens the tooth, increasing rigidity and load carrying capacity
- › Reduces tooth engagement friction, allowing for prolonged belt life and minimal wear
- › More tolerant of debris, high temperature, oil and chemical permeation, allowing the belts to operate in a wide variety of environments

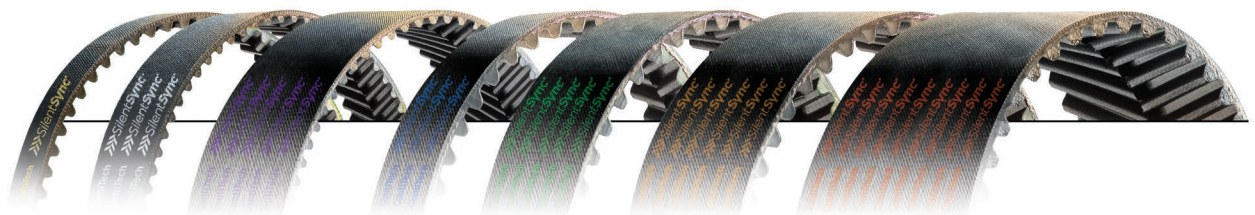
## 3 *HiBrex® Rubber Compound*

- › Resists tooth deformity while increasing tooth rigidity to ensure precise synchronization over prolonged use
- › Resists the effects of oils, coolants, heat and ozone for maximum service life

## 4 *SilentSync Sprockets*

- › Continuous rolling tooth engagement allows belt to enter sprocket with minimal impact, wear and operating noise, thus creating longer-lasting, quieter drives
- › Does not require flanges; helical offset tooth design allows belt to self-track
- › Over 1,500 sprocket combinations available, making it easier to match the desired design speed
- › Available in ductile iron, steel, aluminum or stainless steel constructions to meet a variety of design criteria

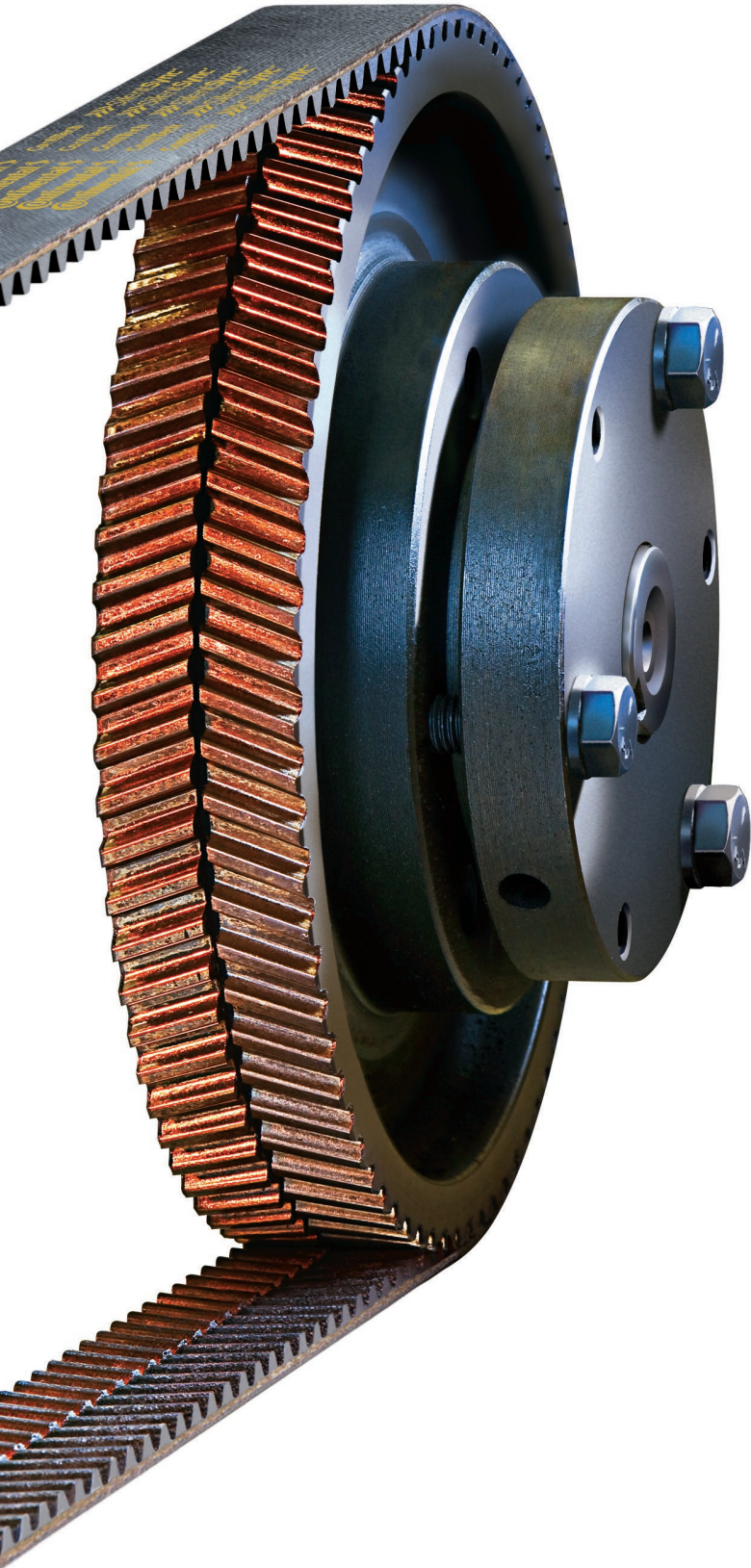
## A Full Spectrum of Sizes



Color	Yellow	White	Purple	Blue	Green	Orange	Red
Pitch	8mm	8mm	8mm	14mm	14mm	14mm	14mm
Width	16mm	32mm	64mm	35mm	52.5mm	70mm	105mm

The SilentSync Color Spectrum System makes it the easiest synchronous drive system to sell, purchase and install. The part numbering system for SilentSync includes a letter that corresponds to the color of the branding on the belt ("Y" for Yellow, "W" for White, etc.). Each color defines a particular tooth pitch and belt width. Match the colors, and you have matched the correct belt and sprocket.

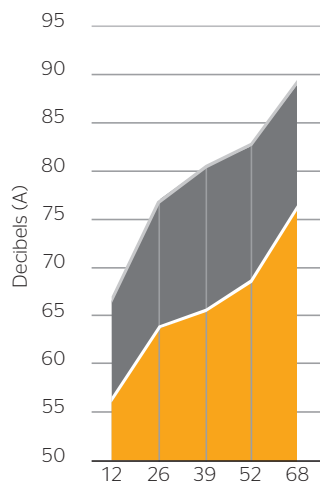
# High Performance with Measurable Results



SilentSync® is more than just a synchronous drive system. With up to 25% more power capacity\* and static conductivity,\*\* it is a powerful upgrade to the original SilentSync - and even more advanced than standard round-tooth belts and chain drives.

Operating up to 19db quieter than straight-tooth belts, SilentSync's patented Helical Offset Tooth (H.O.T.) design merges belt and sprocket into the quietest, smoothest and one

## Lower Noise

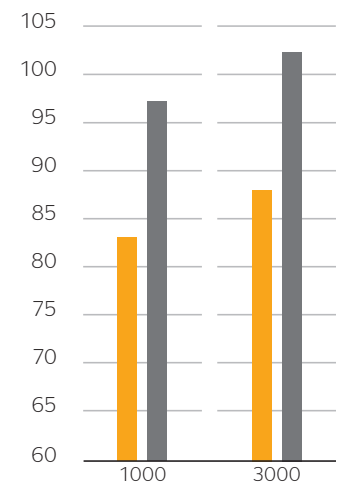


Feet per Minute in Hundreds

■ SilentSync  
■ Standard Round Tooth

Improve workforce conditions and eliminate the extra costs associated with making drives meet OSHA regulations. The SilentSync belt and sprocket reduce noise by as much as 19 decibels vs. other synchronous systems.

## Less Vibration



RPMs

■ SilentSync  
■ Standard Round Tooth

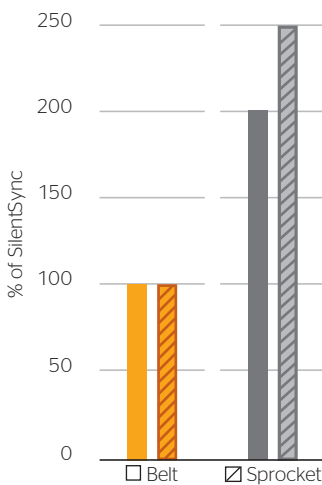
Enjoy smoother, more precise power transmission thanks to SilentSync's continuous rolling tooth engagement. Vibration normally associated with synchronous drives can be reduced as much as 19%.

of the most compact synchronous drive packages available. The result is a continuous rolling tooth engagement that reduces vibration and improves the overall efficiency of your drive system.

By employing circular arc geometry, SilentSync belts and sprockets are able to provide better ratcheting resistance, precise movement, increased horsepower rating and

improved stress distribution - all to better withstand the shearing action of high torque loads. In addition, SilentSync sprockets are available in over 1,500 combinations, making it easy to match the range of sizes that are required by your system. More speed ratio options allow for more design flexibility and smaller, lighter drives.

## Narrower Drive

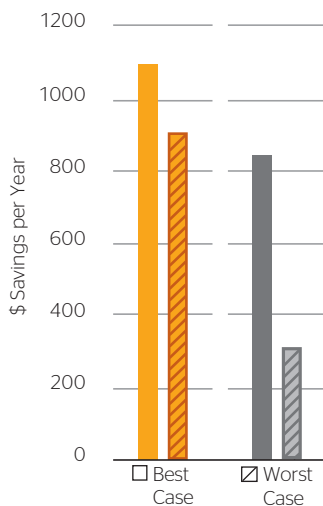


Comparison

**SilentSync**  
**Standard Round Tooth**

The specialized materials that make up SilentSync belts allow you to reduce overall face width and weight without compromising belt strength and durability. The belt's self-tracking feature eliminates the need for flanges, thus allowing for further width and weight reduction.

## Energy Savings

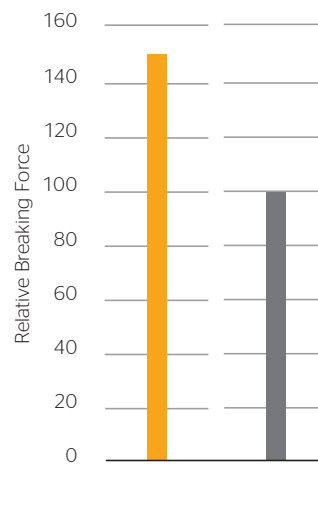


Case Scenarios

**SilentSync**  
**Standard Round Tooth**

SilentSync produces a powerful 98% efficiency rating - an impressive 5% higher than typical V-belt drives. That translates into immediate energy savings. But the savings really add up when SilentSync is applied to high-energy consuming drives that run 24 hours a day.

## Belt Strength



Relative Breaking Force

**SilentSync**  
**Standard Round Tooth**

Under high-torque conditions, SilentSync's high-strength aramid tensile member provides optimal resistance to flex fatigue, elongation and shock loads.

## The SilentSync Advantage

### Over V-Belts

- › Reduced downtime and maintenance costs
- › Eliminates retensioning
- › Lower belt tension/reduced bearing loads
- › High mechanical efficiency
- › No slippage

### Over Chain

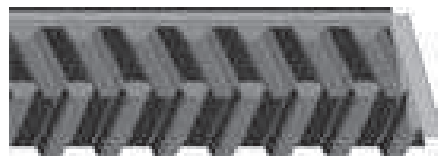
- › Reduced noise
- › Reduced downtime and maintenance costs
- › Eliminates lubrication system
- › Wider speed range
- › Longer service life
- › Greater precision

\*When compared to SilentSync. \*\*Drive conditions and service variables in combination with time in operation can result in loss of static conductivity. It is recommended that a conductivity check be added to drive prevention maintenance programs where belt static conductivity is a requirement. For more information on static conductivity, visit us at [www.contitech.us](http://www.contitech.us).

## SilentSync® Belts

The evolution continues with the next generation in synchronous belt technology

**SilentSync**



**Part Number: B-1750**

**B** Blue = 14mm pitch, 35mm width  
**1750** 1750mm pitch length

SilentSync® is the next generation in synchronous belt technology. This unique, state-of-the-art alternative to straight-tooth belts and drive chains has been enhanced to improve the overall performance of your drive design—and help you save energy.

SilentSync® is the same Helical Offset Tooth (H.O.T.) design offering continuous rolling tooth engagement, ensuring a much quieter, synchronous drive with reduced vibration. A flangeless sprocket offering used with SilentSync® also provides a reduced weight, more compact drive providing efficiencies up to 98%.

SilentSync®'s high-strength aramid tensile member provides optimal resistance to flex fatigue, elongation and shock loads while operating at high torque conditions. The facing of SilentSync® belts also reduce tooth engagement friction while standing up to oil and chemical permeation.

### Higher horsepower rating

With the emergence of higher horsepower requirements and the need to reduce the size of drives, SilentSync®'s increased horsepower capacity, up to 25% improvement, has the ability to handle an even wider variety of applications. Newly engineered materials and specialty compounds are formulated to give this next-generation SilentSync® belt more value in the most demanding applications.

**DRIVE CHANGE<sup>SM</sup>**  
MAXIMIZING YOUR EFFICIENCY

### Increased efficiency

#### Drive Change<sup>SM</sup> opportunity

The unique tooth configuration of SilentSync® provides continuous tooth engagement and eliminates slippage. With a power efficiency rating of 98%, SilentSync® can offer you an impressive 5% edge over typical V-belt drives.

### Improved operating temperature range

Knowing that elevated temperatures can significantly reduce belt life, we have made improvements in SilentSync®'s ability to perform at 200°F (93.3°C) continuous operation.

Simply stated, with SilentSync®, you get what you pay for with each energy dollar. This is especially true when the SilentSync® is applied to high-energy consuming drives that are used 24 hours a day, as well as high horsepower drives that inflate energy consumption during peak periods.

### Belt materials compounded to last longer

Durability starts with the SilentSync® belt's rubber compound, a cross-linked elastomer formulated to resist tooth deformity and increase tooth rigidity. SilentSync® is also chemically stable to resist the effects of oils, coolants, heat and ozone.

### A quieter, reduced vibration drive

The H.O.T. design of SilentSync® belts and sprockets reduces vibration and decreases operating noise by as much as 19 decibels versus other synchronous systems. This can lead to a quieter working environment with improved worker efficiency. Costs associated with monitoring, training and testing to meet OSHA regulations can be virtually eliminated with SilentSync® drives.



### Lower maintenance costs

Unlike chain drives, SilentSync® belts and sprockets do not require lubrication. After initial run in and rechecking tension after 8 hours of operation SilentSync® belts do not need additional retensioning like V-belts and chain.

### Matching belt to sprocket has never been easier

The SilentSync® Color Spectrum System makes it the easiest power transmission drive to sell, purchase and install.

The part numbering system for SilentSync® centers around a color-coded sizing system for the belts and sprockets. Each belt and sprocket part number includes a letter corresponding to a color and is also branded in that color. The letters Y, W, P, B, G, O and R indicate the colors Yellow, White, Purple, Blue, Green, Orange and Red. All Yellow belts are designed to function with all Yellow sprockets, as is the case for the White, Purple, Blue, Green, Orange and Red sizes. An example of the part numbering system nomenclature for belts, sprockets and bushings follows and also appears on subsequent pages.

### Belt part number nomenclature

#### G - 2800

G Green Color  
2800 2800mm pitch length

#### Y - 896

Y Yellow Color  
896 896mm pitch length

### Applications

SilentSync® belts and sprockets are ideal on a wide variety of applications in all industries.

- › Agricultural equipment
- › Packaging conveyors
- › Aggregate crushers
- › Poultry/meat grinders
- › Wood debarkers and saws
- › Mining equipment
- › Aluminum/steel conveyors
- › Paper presses
- › Hog dehairers
- › Chain drives
- › Baking mixers
- › Textile machines
- › Horizontal drives
- › Printing machines

### Key features & benefits

- › Reduced noise.
- › Increased horsepower.
- › Higher efficiency.
- › Greater precision.
- › Higher temperature operation.
- › Less vibration.
- › Less maintenance.
- › Self-tracking.
- › Bidirectional.
- › Static conductive.\*

To learn more, visit [www.contitech.us](http://www.contitech.us).

\*Drive conditions and service variables in combination with time in operation can result in a loss of static conductivity. It is recommended that a conductivity check be added to drive preventive maintenance programs where belt static conductivity is a requirement.

# SilentSync® Belts

## Available Sizes



**SilentSync® Yellow**  
8mm pitch - 16mm width

Part #*	# of Teeth	Length (in.)	Part #*	# of Teeth	Length (in.)
Y-640	80	25.20	Y-1280	160	50.39
Y-720	90	28.35	Y-1440	180	56.69
Y-800	100	31.50	Y-1600	200	62.99
Y-896	112	35.28	Y-1792	224	70.55
Y-1000	125	39.37	Y-2000	250	78.74
Y-1120	140	44.09	Y-2240	280	88.19
Y-1200	150	47.24	Y-2400	300	94.49

\*The belt length in millimeters is given in the part number.



**SilentSync® Purple**  
8mm pitch - 64mm width

Part #*	# of Teeth	Length (in.)	Part #*	# of Teeth	Length (in.)
P-720	90	28.35	P-1200	150	47.24
P-800	100	31.50	P-1280	160	50.39
P-896	112	35.28	P-1440	180	56.69
P-1000	125	39.37	P-1600	200	62.99
P-1120	140	44.09			

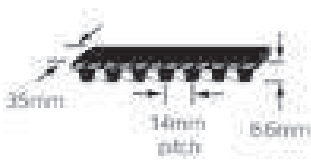
\*The belt length in millimeters is given in the part number.



**SilentSync® White**  
8mm pitch - 32mm width

Part #*	# of Teeth	Length (in.)	Part #*	# of Teeth	Length (in.)
W-640	80	25.20	W-1280	160	50.39
W-720	90	28.35	W-1440	180	56.69
W-800	100	31.50	W-1600	200	62.99
W-896	112	35.28	W-1792	224	70.55
W-1000	125	39.37	W-2000	250	78.74
W-1120	140	44.09	W-2240	280	88.19
W-1200	150	47.24	W-2400	300	94.49

\*The belt length in millimeters is given in the part number.



**SilentSync® Blue**  
14mm pitch - 35mm width

Part #*	# of Teeth	Length (in.)	Part #*	# of Teeth	Length (in.)
B-994	71	39.13	B-2240	160	88.19
B-1120	80	44.09	B-2380	170	93.70
B-1190	85	46.85	B-2520	180	99.21
B-1260	90	49.61	B-2660	190	104.72
B-1400	100	55.12	B-2800	200	110.24
B-1568	112	61.73	B-3136	224	123.46
B-1750	125	68.90	B-3304	236	130.08
B-1960	140	77.17	B-3500	250	137.80
B-2100	150	82.68	B-3920	280	154.33

\*The belt length in millimeters is given in the part number.

**SilentSync® Green**

14mm pitch - 52.5mm width



Part #*	# of Teeth	Length (in.)	Part #*	# of Teeth	Length (in.)
G-994	71	39.13	G-2240	160	88.19
G-1120	80	44.09	G-2380	170	93.70
G-1190	85	46.85	G-2520	180	99.21
G-1260	90	49.61	G-2660	190	104.72
G-1400	100	55.12	G-2800	200	110.24
G-1568	112	61.73	G-3136	224	123.46
G-1750	125	68.90	G-3304	236	130.08
G-1960	140	77.17	G-3500	250	137.80
G-2100	150	82.68	G-3920	280	154.33

\*The belt length in millimeters is given in the part number.

**SilentSync® Red**

14mm pitch - 105mm width



Part #*	# of Teeth	Length (in.)	Part #*	# of Teeth	Length (in.)
R-1260	90	49.61	R-2520	180	99.21
R-1400	100	55.12	R-2660	190	104.72
R-1568	112	61.73	R-2800	200	110.24
R-1750	125	68.90	R-3136	224	123.46
R-1960	140	77.17	R-3304	236	130.08
R-2100	150	82.68	R-3500	250	137.80
R-2240	160	88.19	R-3920	280	154.33
R-2380	170	93.70			

\*The belt length in millimeters is given in the part number.

**SilentSync® Orange**

14mm pitch - 70mm width



Part #*	# of Teeth	Length (in.)	Part #*	# of Teeth	Length (in.)
O-1120	80	44.09	O-2380	170	93.70
O-1190	85	46.85	O-2520	180	99.21
O-1260	90	49.61	O-2660	190	104.72
O-1400	100	55.12	O-2800	200	110.24
O-1568	112	61.73	O-3136	224	123.46
O-1750	125	68.90	O-3304	236	130.08
O-1960	140	77.17	O-3500	250	137.80
O-2100	150	82.68	O-3920	280	154.33
O-2240	160	88.19			

\*The belt length in millimeters is given in the part number.

## SilentSync® Sprockets

Sprocket combinations to fit your drive system's needs



### Part Number: Y-28S-H

<b>Y</b>	Yellow=8mm pitch, 16mm width
<b>28</b>	28 teeth
<b>S</b>	Sprocket
<b>H</b>	Hub/bushing type

SilentSync® sprockets have been designed to ensure maximum service life and performance. Over 1,500 sprocket combinations are available, making it easier to match the desired design speed. More speed ratio options also means more design flexibility and more compact drives.

SilentSync® sprockets do not require flanges and are stocked in ductile iron constructions. Other materials such as aluminum, steel and stainless steel are available upon request as made-to-order items.



### Matching belt to sprocket has never been easier

The part numbering system for SilentSync® centers around a color-coded sizing system for the belts and sprockets. Each belt and sprocket part number includes a letter corresponding to a color and is also branded in that color. The letters Y, W, P, B, G, O and R indicate the colors Yellow, White, Purple, Blue, Green, Orange and Red. All Yellow belts are designed to function with all Yellow sprockets, as is the case for the White, Purple, Blue, Green, Orange and Red sizes. An example of the part numbering system nomenclature for sprockets and bushings is given below.

### Sprocket part number nomenclature

#### Minimum Plain Bore (MPB) O-40S-MPB

This is an Orange size sprocket with 40 teeth and a Minimum Plain Bore (MPB) style hub. The MPB style sprockets are supplied with a minimum bore, typically 1/2 inch or 1 inch with H7 tolerances and will require machining of a keyway and setscrew holes and possibly boring to a desired bore size.

#### Quick Disconnect® (QD®) R-168S-N

This is a Red size sprocket with 168 teeth and hub machined to fit an "N" size QD® bushing. A bushing is required to install this sprocket on a shaft. Please note that smaller diameter sprockets are not available in the QD® style due to space limitations.

#### Finished Stock Bore (FSB)

#### G-34S - 1 1/8

This is a Green size sprocket with 34 teeth and a Finished Stock Bore (FSB) style hub featuring a bore of 1 1/8 inches. FSB sprockets are supplied ready to install with a standard keyway and setscrew holes machined.

#### Bored To Suit (BTS)

#### B-28S-BTS - 1 13/16

This is a Blue size sprocket with 28 teeth and a hub that has been bored (BTS) to 1 13/16 inches, per customer specification and machined for setscrew holes and a keyway. BTS sprockets can be made to almost any bore including metric sizes.

Note: All MPB-, QD®- and FSB-style sprockets are stock items. BTS sprockets are made to order and may require lead times.

### Bushing part number nomenclature

<b>E 2 1/8</b>	<b>E</b>	Bushing size
	<b>2 1/8</b>	Bushing bore

Bushings are supplied with bolts, lock washers and set screws. Keys are supplied only if a special shallow key is required. The E 2 1/8 inch bushing can be used to install any sprocket with an "E" hub on a 2 1/8 inch shaft. The QD® bushing system is an industry standard, however, to ensure the best match between sprocket and bushing, we recommend using bushings supplied by ContiTech for SilentSync® sprockets.

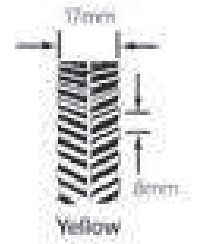
### Applications

SilentSync® belts and sprockets are ideal for use on a wide variety of applications in all industries.

### Key features & benefits

- More design flexibility with more compact drives.
- No flanges.
- Self-tracking design.
- Available in ductile iron, aluminum, steel or stainless steel.

# Available Sizes



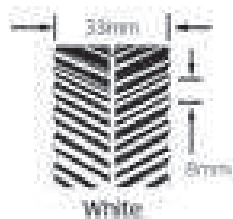
**SilentSync® Yellow**  
8mm pitch - 17mm width

SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20038737	Y-20S-MPB	20	20038782	Y-52S-MPB	52
20038741	Y-22S-MPB	22	20038783	Y-56S-SDS	56
20038745	Y-24S-MPB	24	20038784	Y-56S-MPB	56
20038750	Y-25S-MPB	25	20038785	Y-60S-SDS	60
20038755	Y-26S-MPB	26	20038786	Y-60S-MPB	60
20038761	Y-28S-H*	28	20038787	Y-63S-SDS	63
20038762	Y-28S-MPB	28	20038788	Y-63S-MPB	63
20038763	Y-30S-H*	30	20038789	Y-64S-MPB	64
20038764	Y-30S-MPB	30	20038790	Y-68S-MPB	68
20038765	Y-32S-H*	32	20038791	Y-72S-MPB	72
20038766	Y-32S-MPB	32	20038792	Y-75S-SDS	75
20038767	Y-34S-H*	34	20038793	Y-75S-MPB	75
20038768	Y-34S-MPB	34	20038794	Y-76S-MPB	76
20038769	Y-36S-SH	36	20038795	Y-80S-SDS	80
20038770	Y-36S-MPB	36	20038796	Y-80S-MPB	80
20038771	Y-38S-SH	38	20038797	Y-90S-SK	90
20038772	Y-38S-MPB	38	20038798	Y-90S-MPB	90
20038773	Y-40S-SH	40	20038799	Y-112S-SK	112
20038774	Y-40S-MPB	40	20038800	Y-112S-MPB	112
20038775	Y-44S-MPB	44	20038801	Y-140S-SK	140
20038776	Y-45S-SDS	45	20038802	Y-140S-MPB	140
20038777	Y-45S-MPB	45	20038803	Y-180S-SF	180
20038778	Y-48S-SDS	48	20038804	Y-180S-MPB	180
20038779	Y-48S-MPB	48	20038805	Y-224S-E	224
20038780	Y-50S-SDS	50	20038806	Y-224S-MPB	224
20038781	Y-50S-MPB	50			

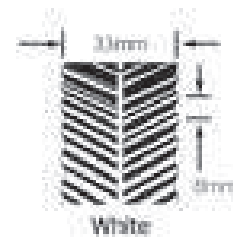
\*"H" is a split taper bushing. "QT" is a QD\* bushing and is interchangeable with an "H" bushing.  
Sprockets with Minimum Plain Bore (MPB) are specified when the sprocket does not allow room for a bushing that will handle the maximum load.

# SilentSync® Sprockets

## Available Sizes



**SilentSync® White**  
8mm pitch - 33mm width



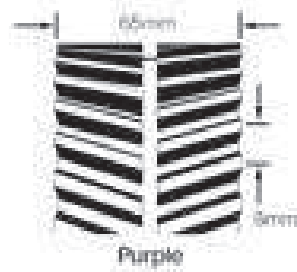
**SilentSync® White Slab Sprockets**

SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20038821	W-18S-MPB	18	20038866	W-48S-SDS	48
20038822	W-18S-BTS-7/8*	18	20038892	W-48S-MPB	48
20038824	W-20S-MPB	20	20038867	W-50S-SDS	50
20038825	W-20S-BTS-7/8*	20	20038868	W-50S-MPB	50
20038828	W-22S-MPB	22	20038870	W-52S-MPB	52
20038829	W-22S-BTS-7/8*	22	20038869	W-56S-SK	56
20038832	W-24S-MPB	24	20038871	W-56S-MPB	56
20038834	W-24S-BTS-1-1/8*	24	20038872	W-60S-SK	60
20038837	W-25S-MPB	25	20038874	W-60S-MPB	60
20038839	W-25S-BTS-1-1/8*	25	20038875	W-63S-SK	63
20038842	W-26S-MPB	26	20038893	W-63S-MPB	63
20038843	W-26S-BTS-7/8*	26	20038894	W-64S-MPB	64
20038848	W-28S-H*	28	20038895	W-68S-MPB	68
20038849	W-28S-MPB	28	20038877	W-72S-MPB	72
20038850	W-30S-H*	30	20038876	W-75S-SF	75
20038851	W-30S-MPB	30	20038878	W-75S-MPB	75
20038852	W-32S-H*	32	20038879	W-76S-MPB	76
20038853	W-32S-MPB	32	20038880	W-80S-SF	80
20038854	W-34S-SH	34	20038881	W-80S-MPB	80
20038855	W-34S-MPB	34	20038882	W-90S-SF	90
20038856	W-36S-SH	36	20038883	W-90S-MPB	90
20038858	W-36S-MPB	36	20038884	W-112S-SF	112
20038859	W-38S-SH	38	20038885	W-112S-MPB	112
20038860	W-38S-MPB	38	20038886	W-140S-E	140
20038861	W-40S-SH	40	20038887	W-140S-MPB	140
20038862	W-40S-MPB	40	20038888	W-180S-E	180
20038863	W-44S-MPB	44	20038889	W-180S-MPB	180
20038864	W-45S-SDS	45	20038890	W-224S-F	224
20038865	W-45S-MPB	45	20038891	W-224S-MPB	224

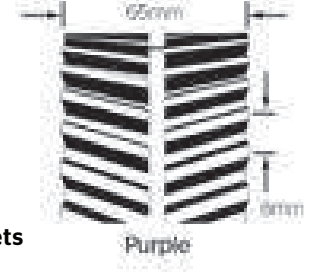
SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20133160	W-18S-SLB	18	20133178	W-40S-SLB	40
20133161	W-19S-SLB	19	20133179	W-42S-SLB	42
20110357	W-20S-SLB	20	20133180	W-44S-SLB	44
20133162	W-21S-SLB	21	20110355	W-45S-SLB	45
20133163	W-22S-SLB	22	20133181	W-46S-SLB	46
20133164	W-23S-SLB	23	20110354	W-48S-SLB	48
20133165	W-24S-SLB	24	20133182	W-50S-SLB	50
20133166	W-25S-SLB	25	20133183	W-52S-SLB	52
20110356	W-26S-SLB	26	20133184	W-54S-SLB	54
20133167	W-27S-SLB	27	20110353	W-56S-SLB	56
20133168	W-28S-SLB	28	20133185	W-58S-SLB	58
20133169	W-29S-SLB	29	20133186	W-60S-SLB	60
20133170	W-30S-SLB	30	20133187	W-63S-SLB	63
20133171	W-31S-SLB	31	20133188	W-64S-SLB	64
20110352	W-32S-SLB	32	20133189	W-68S-SLB	68
20133172	W-33S-SLB	33	20133190	W-70S-SLB	70
20133173	W-34S-SLB	34	20133191	W-72S-SLB	72
20133174	W-35S-SLB	35	20133192	W-75S-SLB	75
20133175	W-36S-SLB	36	20133193	W-76S-SLB	76
20133176	W-37S-SLB	37	20133194	W-80S-SLB	80
20133177	W-38S-SLB	38	20133195	W-90S-SLB	90
20132688	W-39S-SLB	39			

\*\*H\* is a split taper bushing. \*QT\* is a QD\* bushing and is interchangeable with an "H" bushing.

Sprockets with Minimum Plain Bore (MPB) are specified when the sprocket does not allow room for a bushing that will handle the maximum load.



**SilentSync® Purple**  
8mm pitch – 65mm width



**SilentSync® Purple Slab Sprockets**

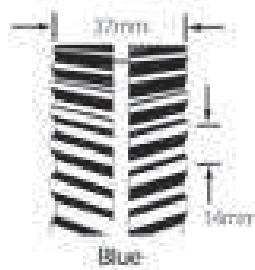
SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20160359	P-24S-MPB	24	20160370	P-45S-MPB	45
20160360	P-25S-MPB	25	20160371	P-48S-MPB	48
20160361	P-26S-MPB	26	20160372	P-50S-MPB	50
20160362	P-28S-MPB	28	20160373	P-52S-MPB	52
20160363	P-30S-MPB	30	20160374	P-56S-MPB	56
20160364	P-32S-MPB	32	20160375	P-60S-MPB	60
20160365	P-34S-MPB	34	20160376	P-63S-MPB	63
20160366	P-36S-MPB	36	20160377	P-64S-MPB	64
20160367	P-38S-MPB	38	20160378	P-68S-MPB	68
20160368	P-40S-MPB	40	20160379	P-72S-MPB	72
20160369	P-44S-MPB	44			

Sprockets with Minimum Plain Bore (MPB) are specified when the sprocket does not allow room for a bushing that will handle the maximum load.

SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20136320	P-25S-SLB	25	20136338	P-45S-SLB	45
20136321	P-26S-SLB	26	20136339	P-46S-SLB	46
20136322	P-27S-SLB	27	20136340	P-48S-SLB	48
20136323	P-28S-SLB	28	20136341	P-50S-SLB	50
20136324	P-29S-SLB	29	20136342	P-52S-SLB	52
20136325	P-30S-SLB	30	20136343	P-54S-SLB	54
20136326	P-31S-SLB	31	20136344	P-56S-SLB	56
20136327	P-32S-SLB	32	20136345	P-58S-SLB	58
20136328	P-33S-SLB	33	20136346	P-60S-SLB	60
20136329	P-34S-SLB	34	20136347	P-63S-SLB	63
20136330	P-35S-SLB	35	20136348	P-64S-SLB	64
20136331	P-36S-SLB	36	20136349	P-68S-SLB	68
20136332	P-37S-SLB	37	20136350	P-70S-SLB	70
20136333	P-38S-SLB	38	20136351	P-72S-SLB	72
20136334	P-39S-SLB	39	20136352	P-75S-SLB	75
20136335	P-40S-SLB	40	20136353	P-76S-SLB	76
20136336	P-42S-SLB	42	20136354	P-80S-SLB	80
20136337	P-44S-SLB	44	20136355	P-90S-SLB	90

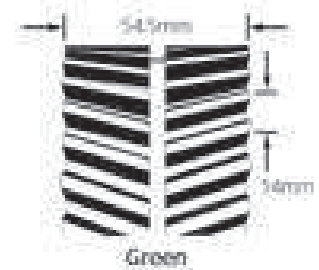
# SilentSync® Sprockets

## Available Sizes



### SilentSync® Blue

14mm pitch - 37mm width



### SilentSync® Green

14mm pitch - 54.5mm width

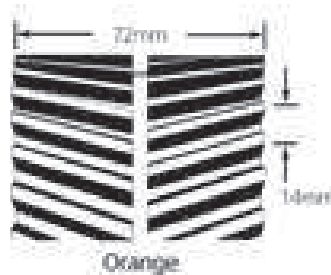
SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20038910	B-28S-SK	28	20038933	B-56S-MPB	56	20038966	G-28S-MPB	28	20039003	G-60S-E	60
20038911	B-28S-MPB	28	20038934	B-60S-E	60	20038972	G-30S-MPB	30	20039004	G-60S-MPB	60
20038912	B-30S-SK	30	20038935	B-60S-MPB	60	20038977	G-32S-MPB	32	20039005	G-63S-F	63
20038913	B-30S-MPB	30	20038936	B-63S-F	63	20038980	G-32S-BTS-2-3/8"	32	20039006	G-63S-MPB	63
20038914	B-32S-SK	32	20038937	B-63S-MPB	63	20038982	G-34S-MPB	34	20039007	G-71S-J	71
20038915	B-32S-MPB	32	20038938	B-71S-F	71	20038987	G-36S-SF	36	20039008	G-71S-MPB	71
20038916	B-34S-SK	34	20038939	B-71S-MPB	71	20038988	G-36S-MPB	36	20039009	G-75S-J	75
20038917	B-34S-MPB	34	20038940	B-75S-F	75	20038989	G-38S-SF	38	20039010	G-75S-MPB	75
20038918	B-36S-SF	36	20038941	B-75S-MPB	75	20038990	G-38S-MPB	38	20039011	G-80S-J	80
20038919	B-36S-MPB	36	20038942	B-80S-F	80	20038991	G-40S-SF	40	20039012	G-80S-MPB	80
20038920	B-38S-SF	38	20038943	B-80S-MPB	80	20038992	G-40S-MPB	40	20039013	G-90S-J	90
20038921	B-38S-MPB	38	20038944	B-90S-F	90	20038993	G-43S-E	43	20039014	G-90S-MPB	90
20038922	B-40S-SF	40	20038945	B-90S-MPB	90	20038994	G-43S-MPB	43	20039015	G-112S-J	112
20038923	B-40S-MPB	40	20038946	B-112S-F	112	20038995	G-45S-E	45	20039020	G-112S-MPB	112
20038924	B-43S-SF	43	20038947	B-112S-MPB	112	20038996	G-45S-MPB	45	20039016	G-140S-M	140
20038925	B-43S-MPB	43	20038948	B-140S-J	140	20038997	G-48S-E	48	20039017	G-140S-MPB	140
20038926	B-45S-SF	45	20038949	B-140S-MPB	140	20038998	G-48S-MPB	48	20039018	G-168S-M	168
20038927	B-45S-MPB	45	20038950	B-168S-J	168	20038999	G-50S-E	50	20039019	G-168S-MPB	168
20038928	B-48S-SF	48	20038951	B-168S-MPB	168	20039000	G-50S-MPB	50	20308898	G-180S-F*	180
20038929	B-48S-MPB	48	20355601	B-180S-E*	180	20039001	G-56S-E	56	20308899	G-200S-F*	200
20038930	B-50S-E	50	20355602	B-200S-E*	200	20039002	G-56S-MPB	56	20526478	G-224S-F*	224
20038931	B-50S-MPB	50	20493415	B-224S-E*	224						
20038932	B-56S-E	56									

Sprockets with Minimum Plain Bore (MPB) are specified when the sprocket does not allow room for a bushing that will handle the maximum load.

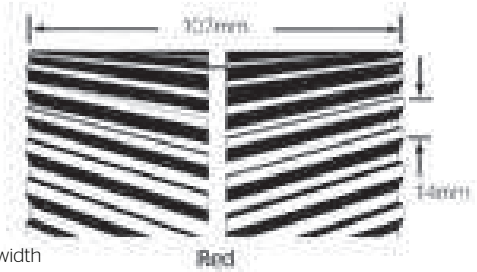
\*Special lightweight design. Contact ContiTech to ensure suitability for your application.

Sprockets with Minimum Plain Bore (MPB) are specified when the sprocket does not allow room for a bushing that will handle the maximum load.





**SilentSync® Orange**  
14mm pitch - 72mm width



**SilentSync® Red**  
14mm pitch - 107mm width

SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20039034	O-28S-MPB	28	20039083	O-60S-J	60
20039039	O-30S-MPB	30	20039084	O-60S-MPB	60
20039044	O-32S-MPB	32	20039085	O-63S-J	63
20039050	O-34S-MPB	34	20039086	O-63S-MPB	63
20039056	O-36S-MPB	36	20039087	O-71S-J	71
20039061	O-38S-MPB	38	20039103	O-71S-MPB	71
20039067	O-40S-MPB	40	20039088	O-75S-J	75
20039073	O-43S-E	43	20039089	O-75S-MPB	75
20039074	O-43S-MPB	43	20039090	O-80S-J	80
20039075	O-45S-E	45	20039091	O-80S-MPB	80
20039076	O-45S-MPB	45	20039092	O-90S-J	90
20039077	O-48S-E	48	20039093	O-90S-MPB	90
20039078	O-48S-MPB	48	20039094	O-112S-M	112
20039079	O-50S-F	50	20039095	O-112S-MPB	112
20039080	O-50S-MPB	50	20039096	O-140S-M	140
20039081	O-56S-F	56	20039097	O-140S-MPB	140
20039082	O-56S-MPB	56	20039098	O-168S-M	168

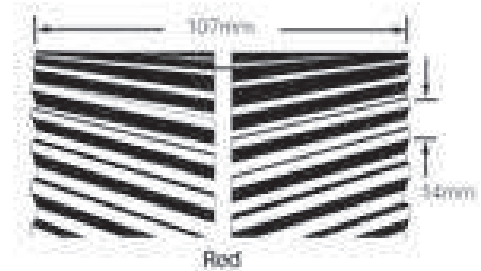
SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20039115	R-28S-MPB	28	20039172	R-60S-MPB	60
20039121	R-30S-MPB	30	20039173	R-63S-J	63
20039124	R-30S-BTS-2-3/8"	30	20039174	R-63S-MPB	63
20039127	R-32S-MPB	32	20039175	R-71S-M	71
20039133	R-34S-MPB	34	20039190	R-71S-MPB	71
20039139	R-36S-MPB	36	20039176	R-75S-M	75
20039148	R-38S-MPB	38	20039177	R-75S-MPB	75
20039151	R-40S-MPB	40	20039178	R-80S-M	80
20039157	R-43S-MPB	43	20039179	R-80S-MPB	80
20039163	R-45S-F	45	20039180	R-90S-M	90
20039164	R-45S-MPB	45	20039181	R-90S-MPB	90
20039165	R-48S-F	48	20039182	R-112S-M	112
20039166	R-48S-MPB	48	20039183	R-112S-MPB	112
20039167	R-50S-J	50	20039184	R-140S-N	140
20039168	R-50S-MPB	50	20039185	R-140S-MPB	140
20039169	R-56S-J	56	20039186	R-168S-N	168
20039170	R-56S-MPB	56	20039187	R-168S-MPB	168
20039171	R-60S-J	60			

\*Contact customer service for price and availability.  
Sprockets with Minimum Plain Bore (MPB) are specified when the sprocket does not allow room for a bushing that will handle the maximum load.

Sprockets with Minimum Plain Bore (MPB) are specified when the sprocket does not allow room for a bushing that will handle the maximum load.

# SilentSync® Sprockets

## Available Sizes



### SilentSync® Red Slab Sprockets

SAP #	Part #	# of Teeth	SAP #	Part #	# of Teeth
20133004	R-28S-SLB	28	20131755	R-45S-SLB	45
20133046	R-29S-SLB	29	20133081	R-46S-SLB	46
20133047	R-30S-SLB	30	20133082	R-48S-SLB	48
20133048	R-31S-SLB	31	20133083	R-50S-SLB	50
20133049	R-32S-SLB	32	20133084	R-52S-SLB	52
20133070	R-33S-SLB	33	20133085	R-54S-SLB	54
20133071	R-34S-SLB	34	20133086	R-56S-SLB	56
20133072	R-35S-SLB	35	20133087	R-58S-SLB	58
20133073	R-36S-SLB	36	20133088	R-60S-SLB	60
20133074	R-37S-SLB	37	20131351	R-63S-SLB	63
20133075	R-38S-SLB	38	20133089	R-70S-SLB	70
20133076	R-39S-SLB	39	20133005	R-71S-SLB	71
20133077	R-40S-SLB	40	20133090	R-75S-SLB	75
20133078	R-42S-SLB	42	20133091	R-80S-SLB	80
20133079	R-43S-SLB	43	20133092	R-90S-SLB	90
20133080	R-44S-SLB	44			