

**NEW!**

# FALCON HTC®

**FALCON HTC**

Part No: 8GTR-640-12

8	8 mm Pitch
GTR	Falcon Belt
640	640 mm Pitch Length
12	12 mm Width

SYNCHRONOUS

## THE STAR OF OUR REINFORCED RUBBER POWER TRANSMISSION BELT PORTFOLIO

Falcon HTC is quickly setting the new standard in synchronous drive system belting. When compared to conventional polyurethane synchronous belts, the benefits of Falcon HTC become evident.

## SPECIALTY COMPOUNDED MATERIALS GIVE THIS BELT SUPERIOR ADVANTAGES

A reinforced-rubber synchronous belt designed to work in a variety of demanding drives, Falcon HTC now offers up to 30 percent more power over its predecessor. The ability to operate continuously in temperatures up to 95°C, along with being static conductive, helps Falcon HTC perform in special applications, providing longer life and higher output to meet your needs.

### APPLICATIONS

Any application where a chain drive could be used.

Can also be used with a backside idler when needed, allowing for additional applications.

Suitable for high power, low torque drives.

### KEY FEATURES & BENEFITS

- Increased Power Rating up to 30%.
- Size for size convenience. Example:  
8GTR-640-21 = Gates 8MGT-640-21\*
- Reduced operating noise levels to comparable belt drives.
- Exceptional tensile strength for premium performance.
- Rubber construction provides better resistance to flex fatigue.
- Versatility in a wide range of operating temperatures.
- Temperature resistance: -50° to +95° C.
- Static conductive\*\* (ISO 9563).

\* Gates, Poly Chain and GT are trademarks of the Gates Corporation.

\*\* Refer to Static Conductive Belts section (page 85).

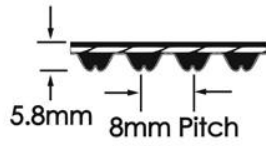
## LOWER MAINTENANCE COSTS REDUCE THE PAIN

Falcon HTC synchronous belts do not require lubrication often found in chain drive applications. High-modulus cord members minimize the need for retensioning normally required in standard v-belts, reducing your overall maintenance cost.

## QUIET OPERATION

Falcon HTC runs quieter, up to 6dB in operation for a better environment while offering advanced flex-fatigue resistance to help extend belt life.

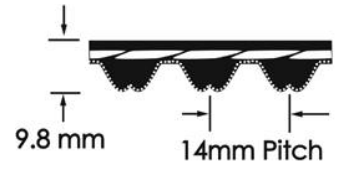
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## 8 M (8MM PITCH)

Belt reference	Pitch length Lp (mm)	Number of teeth
GTR 640 8M	640	80
GTR 720 8M	720	90
GTR 800 8M	800	100
GTR 896 8M	896	112
GTR 1000 8M	1000	125
GTR 1120 8M	1120	140
GTR 1200 8M	1200	150
GTR 1280 8M	1280	160
GTR 1440 8M	1440	180
GTR 1600 8M	1600	200
GTR 1792 8M	1792	224
GTR 2000 8M	2000	250
GTR 2240 8M	2240	280
GTR 2400 8M	2400	300
GTR 2520 8M	2520	315
GTR 2840 8M *	2840	355
GTR 3200 8M *	3200	400
GTR 3600 8M *	3600	450
GTR 4000 8M *	4000	500
GTR 4480 8M *	4480	560

Cut belts widths: 12 mm; 21 mm; 36 mm; 62 mm  
 Sleeve: \*350 mm  
 562 mm



## 14 M (14MM PITCH)

Belt reference	Pitch length Lp (mm)	Number of teeth
GTR 994 14M	994	71
GTR 1120 14M	1120	80
GTR 1190 14M	1190	85
GTR 1260 14M	1260	90
GTR 1400 14M	1400	100
GTR 1568 14M	1568	112
GTR 1750 14M	1750	125
GTR 1890 14M	1890	135
GTR 1960 14M	1960	140
GTR 2100 14M	2100	150
GTR 2240 14M	2240	160
GTR 2380 14M	2380	170
GTR 2520 14M	2520	180
GTR 2660 14M *	2660	190
GTR 2800 14M *	2800	200
GTR 3136 14M *	3136	224
GTR 3304 14M *	3304	236
GTR 3500 14M *	3500	250
GTR 3920 14M *	3920	280
GTR 4410 14M *	4410	315

Cut belts widths: 20 mm; 37 mm; 68 mm; 90 mm; 125 mm  
 Sleeve: \* 350 mm  
 562 mm

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