



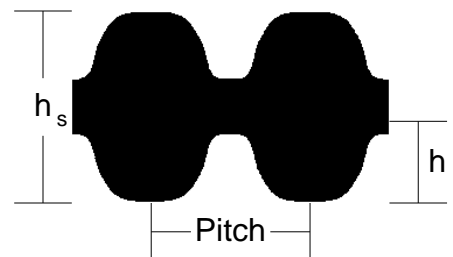
Standard Construction Features

Belt Type: Synchronous

Core Material: Oil & Heat Resistant (chloroprene)

Cord/Tensile: Fiberglass

Jacket: Nylon



Belt Section Dimensions

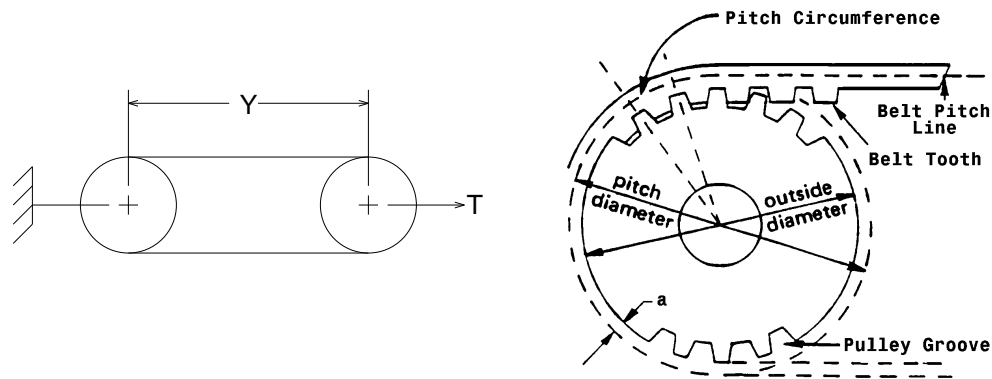
Tooth Type	Pitch (mm)	h_s (mm)	h_t (mm)
GT	8.000	8.180	3.480

Belt Dimensions

Pitch Length (mm)	No. Teeth	Width (mm)
1440.00 ± 0.410 - 0.410	180	50.000 ± 0.000 - 0.000

Measuring Information

Y (mm)	T (N)	No. Teeth	O.D. (mm)	Pitch Circum. (mm)	Radial Runout (mm)	Axial Runout (mm)	PLD 2a (mm)
624.00 ± 0.205 ± 0.205	0	24	59.74	192.00	0.0005	0.0030	1.372



The length shall be measured by placing the belts on two pulleys of equal diameters that have been grooved in accordance with standard specifications and rotated at least three complete turns with the specified tension so that each strand receives half the total tension. The length will be that length obtained by adding the Pitch Circumference of one pulley to twice the center distance (dimension 'Y').



DesignView™ Belt Information Sheet

Created 28 Jun 2017 by Gates

Created for

PowerGrip Twin Power - 8MGT2

Gates Product Number

9232-0051

Customer Part Number

TP1440-8MGT-50