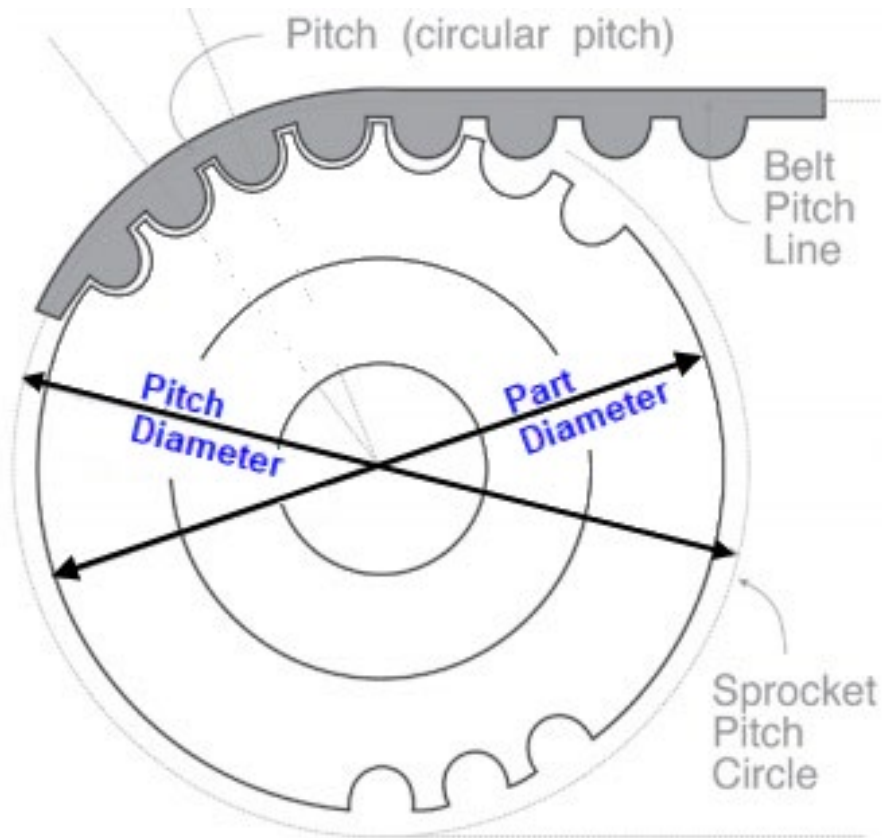
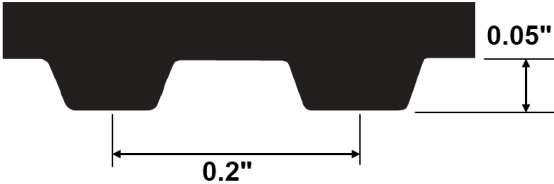


Find your Insert

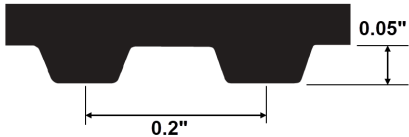


- The tables on the subsequent pages provide the recommended part diameters based on the number of teeth and the 0.2" Pitch.
- Additionally, values for Pitch Diameter are also provided for reference.
- **Each insert is manufactured to the median Profile of each insert number of teeth range. This is highlighted on the tables.**
- The Inserts are designed to form a chamfer on the part diameter when the noted whole depth is reached.
- The chamfer size will change based on the part diameter. With the highlighted median profile having the optimum chamfer size.
- Chamfer size will increase as the part diameter increases from the mean. And the chamfer size will decrease as the part diameter reduces from the mean.

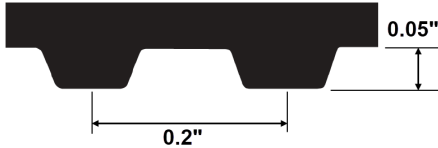
02-1231 XL-10/21

XL-10/21 02-1231	Belt Pitch (inches)	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 0.2" Pitch Synchronous/Timing Belts with XL or similar profiles by PowerGrip®, PowerHouse® and many others Part Diameters are based on 10 to 21 teeth For belts with trapezoidal tooth profile. With a whole depth of 0.050" [1.27mm] 	0.2	10	16.17	0.637	15.66	0.617
	0.2	11	17.79	0.700	17.28	0.680
	0.2	12	19.40	0.764	18.90	0.744
	0.2	13	21.02	0.828	20.51	0.808
	0.2	14	22.64	0.891	22.13	0.871
	0.2	15	24.26	0.955	23.75	0.935
	0.2	16	25.87	1.019	25.36	0.999
	0.2	17	27.49	1.082	26.98	1.062
	0.2	18	29.11	1.146	28.60	1.126
	0.2	19	30.72	1.210	30.22	1.190
	0.2	20	32.34	1.273	31.83	1.253
	0.2	21	33.96	1.337	33.45	1.317

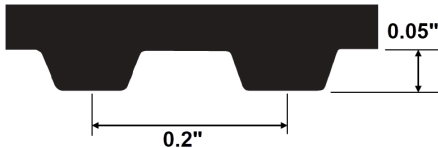
02-1233 XL-22/40

XL-22/40 02-1233	Belt Pitch (inches)	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 0.2" Pitch Synchronous/Timing Belts with XL or similar profiles by PowerGrip®, PowerHouse® and many others Part Diameters are based on 22 to 40 teeth For belts with trapezoidal tooth profile. With a whole depth of 0.050" [1.27mm] 	0.2	22	35.57	1.401	35.07	1.381
	0.2	23	37.19	1.464	36.68	1.444
	0.2	24	38.81	1.528	38.30	1.508
	0.2	25	40.43	1.592	39.92	1.572
	0.2	26	42.04	1.655	41.53	1.635
	0.2	27	43.66	1.719	43.15	1.699
	0.2	28	45.28	1.783	44.77	1.763
	0.2	29	46.89	1.846	46.39	1.826
	0.2	30	48.51	1.910	48.00	1.890
	0.2	31	50.13	1.974	49.62	1.954
	0.2	32	51.74	2.037	51.24	2.017
	0.2	33	53.36	2.101	52.85	2.081
	0.2	34	54.98	2.165	54.47	2.145
	0.2	35	56.60	2.228	56.09	2.208
	0.2	36	58.21	2.292	57.70	2.272
	0.2	37	59.83	2.355	59.32	2.335
	0.2	38	61.45	2.419	60.94	2.399
	0.2	39	63.06	2.483	62.56	2.463
	0.2	40	64.68	2.546	64.17	2.526

02-1234 XL-41/80

XL-41/80 02-1234	Belt Pitch (inches)	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 0.2" Pitch Synchronous/Timing Belts with XL or similar profiles by PowerGrip®, PowerHouse® and many others Part Diameters are based on 41 to 80 teeth For belts with trapezoidal tooth profile. With a whole depth of 0.050" [1.27mm] 	0.2	41	66.30	2.610	65.79	2.590
	0.2	42	67.91	2.674	67.41	2.654
	0.2	43	69.53	2.737	69.02	2.717
	0.2	44	71.15	2.801	70.64	2.781
	0.2	45	72.77	2.865	72.26	2.845
	0.2	46	74.38	2.928	73.87	2.908
	0.2	47	76.00	2.992	75.49	2.972
	0.2	48	77.62	3.056	77.11	3.036
	0.2	49	79.23	3.119	78.73	3.099
	0.2	50	80.85	3.183	80.34	3.163
	0.2	51	82.47	3.247	81.96	3.227
	0.2	52	84.08	3.310	83.58	3.290
	0.2	53	85.70	3.374	85.19	3.354
	0.2	54	87.32	3.438	86.81	3.418
	0.2	55	88.94	3.501	88.43	3.481
	0.2	56	90.55	3.565	90.04	3.545
	0.2	57	92.17	3.629	91.66	3.609
	0.2	58	93.79	3.692	93.28	3.672
	0.2	59	95.40	3.756	94.90	3.736
	0.2	60	97.02	3.820	96.51	3.800
	0.2	61	98.64	3.883	98.13	3.863

02-1234 XL-41/80

XL-41/80 02-1234	Belt Pitch (inches)	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 0.2" Pitch Synchronous/Timing Belts with XL or similar profiles by PowerGrip®, PowerHouse® and many others Part Diameters are based on 41 to 80 teeth For belts with trapezoidal tooth profile. With a whole depth of 0.050" [1.27mm] 	0.2	62	100.25	3.947	99.75	3.927
	0.2	63	101.87	4.011	101.36	3.991
	0.2	64	103.49	4.074	102.98	4.054
	0.2	65	105.11	4.138	104.60	4.118
	0.2	66	106.72	4.202	106.21	4.182
	0.2	67	108.34	4.265	107.83	4.245
	0.2	68	109.96	4.329	109.45	4.309
	0.2	69	111.57	4.393	111.07	4.373
	0.2	70	113.19	4.456	112.68	4.436
	0.2	71	114.81	4.520	114.30	4.500
	0.2	72	116.43	4.584	115.92	4.564
	0.2	73	118.04	4.647	117.53	4.627
	0.2	74	119.66	4.711	119.15	4.691
	0.2	75	121.28	4.775	120.77	4.755
	0.2	76	122.89	4.838	122.39	4.818
	0.2	77	124.51	4.902	124.00	4.882
	0.2	78	126.13	4.966	125.62	4.946
	0.2	79	127.74	5.029	127.24	5.009
	0.2	80	129.36	5.093	128.85	5.073