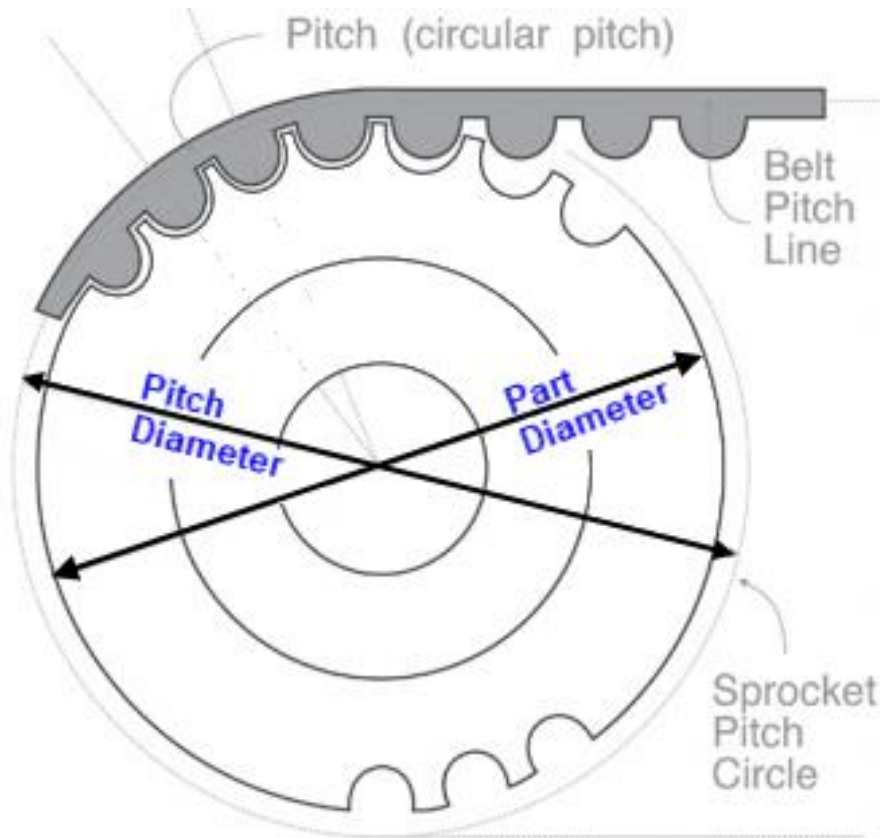
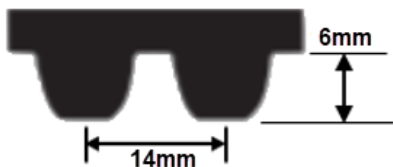


Find your Insert



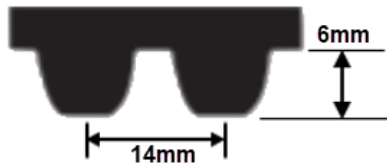
- The tables on the subsequent pages provide the recommended part diameters based on the number of teeth and the 14mm Pitch.
- Additionally, values for Pitch Diameter are also provided for reference.
- **Each insert is manufactured to the median Profile of each insert number of teeth range. This is highlighted 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.

02-1223 PC14-28/33

PC14-28/33 02-1223	Belt Pitch (mm)	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 14mm Pitch Synchronous/Timing Belts with PolyChain GT® or similar profiles <i>*14mm PowerGrip GT® belts are compatible but not recommended due to potentially reduced service life of either the belt, the sprockets, or both</i> Part Diameters are based on 28 to 33 teeth For belts with curvilinear tooth profiles. With a whole depth of 6mm [0.236"] 	14	28	124.78	4.912	121.98	4.802
	14	39	173.80	6.842	171.00	6.732
	14	30	133.69	5.263	130.90	5.153
	14	31	138.15	5.439	135.35	5.329
	14	32	142.60	5.614	139.81	5.504
	14	33	147.06	5.790	144.27	5.680

02-1224 PC14-34/42

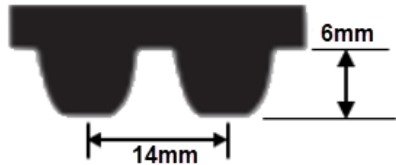
PC14-34/42 02-1224	Belt Pitch (mm)	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 14mm Pitch Synchronous/Timing Belts with PolyChain GT® or similar profiles	14	34	151.52	5.965	148.72	5.855
<i>*14mm PowerGrip GT® belts are compatible but not recommended due to potentially reduced service life of either the belt, the sprockets, or both</i>	14	35	155.97	6.141	153.18	6.031
	14	36	160.43	6.316	157.63	6.206
Part Diameters are based on 34 to 42 teeth	14	37	164.88	6.492	162.09	6.382
	14	38	169.34	6.667	166.55	6.557
For belts with curvilinear tooth profiles. With a whole depth of 6mm [0.236"]	14	39	173.80	6.842	171.00	6.732
	14	40	178.25	7.018	175.46	6.908
	14	41	182.71	7.193	179.92	7.083
	14	42	187.17	7.369	184.37	7.259



Technical Details



02-1225 PC14-43/60

PC14-43/60 02-1225	Belt Pitch (mm)	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 14mm Pitch Synchronous/Timing Belts with PolyChain GT® or similar profiles <i>*14mm PowerGrip GT® belts are compatible but not recommended due to potentially reduced service life of either the belt, the sprockets, or both</i> Part Diameters are based on 43 to 60 teeth For belts with curvilinear tooth profiles. With a whole depth of 6mm [0.236"] 	14	43	191.62	7.544	188.83	7.434
	14	44	196.08	7.720	193.28	7.610
	14	45	200.54	7.895	197.74	7.785
	14	46	204.99	8.071	202.20	7.961
	14	47	209.45	8.246	206.65	8.136
	14	48	213.90	8.421	211.11	8.311
	14	49	218.36	8.597	215.57	8.487
	14	50	222.82	8.772	220.02	8.662
	14	51	227.27	8.948	224.48	8.838
	14	52	231.73	9.123	228.94	9.013
	14	53	236.19	9.299	233.39	9.189
	14	54	240.64	9.474	237.85	9.364
	14	55	245.10	9.650	242.30	9.540
	14	56	249.55	9.825	246.76	9.715
	14	57	254.01	10.000	251.22	9.890
	14	58	258.47	10.176	255.67	10.066
	14	59	262.92	10.351	260.13	10.241
	14	60	267.38	10.527	264.59	10.417

