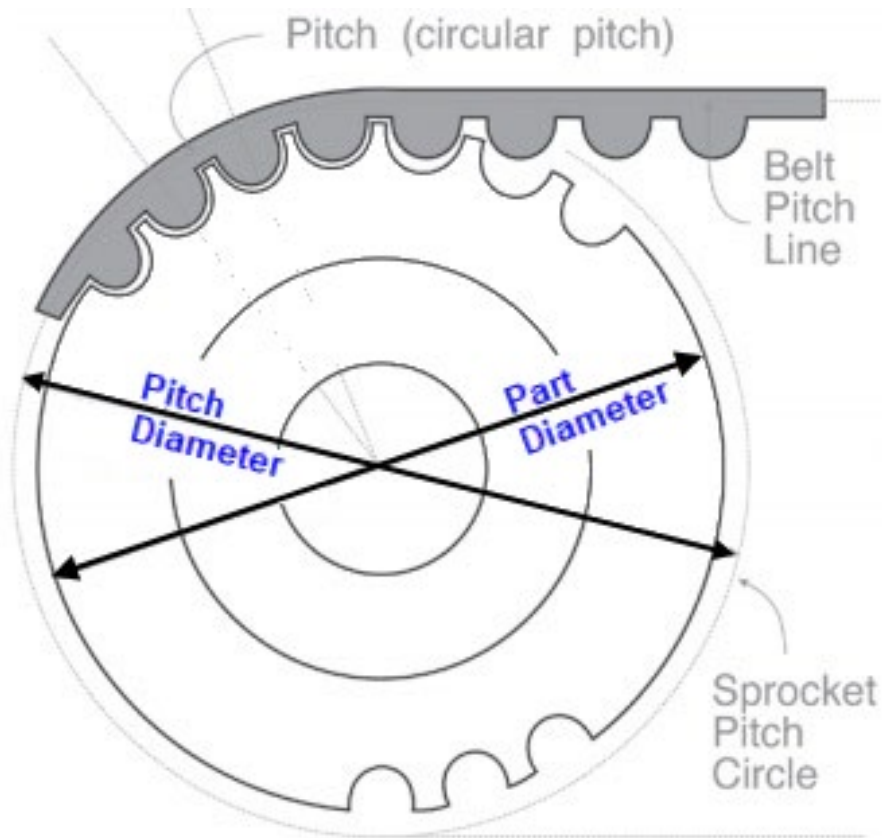


Find your Insert



- The tables on the subsequent pages provide the recommended part diameters based on the number of teeth and the 5mm 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.

02-0807 PG5-12/15

PG5-12/15 02-0807	Belt Pitch	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 5mm Pitch Synchronous/Timing Belts with GT® or similar profiles by PowerGrip®, PowerHouse® and many others	5	12	19.10	0.752	17.96	0.707
Part Diameters are based on 12 to 15 teeth	5	13	20.69	0.815	19.55	0.770
For belts with modified curvilinear tooth profiles. With a whole depth of 1.930mm [0.075"]	5	14	22.28	0.877	21.14	0.832
<p>Diagram showing a tooth profile with a pitch of 5mm and a whole depth of 1.930mm.</p>	5	15	23.87	0.940	22.73	0.895

Technical Details



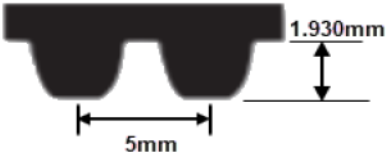
02-0811 PG5-16/32

PG5-16/32 02-0811	Belt Pitch	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 5mm Pitch Synchronous/Timing Belts with GT® or similar profiles by PowerGrip®, PowerHouse® and many others	5	16	25.46	1.003	24.32	0.958
	5	17	27.06	1.065	25.91	1.020
	5	18	28.65	1.128	27.50	1.083
	5	19	30.24	1.191	29.10	1.146
Part Diameters are based on 16 to 32 teeth	5	20	31.83	1.253	30.69	1.208
	5	21	33.42	1.316	32.28	1.271
	5	22	35.01	1.379	33.87	1.334
For belts with modified curvilinear tooth profiles. With a whole depth of 1.930mm [0.075"]	5	23	36.61	1.441	35.46	1.396
	5	24	38.20	1.504	37.05	1.459
	5	25	39.79	1.566	38.65	1.521
	5	26	41.38	1.629	40.24	1.584
	5	27	42.97	1.692	41.83	1.647
	5	28	44.56	1.754	43.42	1.709
	5	29	46.15	1.817	45.01	1.772
	5	30	47.75	1.880	46.60	1.835
	5	31	49.34	1.942	48.20	1.897
	5	32	50.93	2.005	49.79	1.960

Technical Details



02-0815 PG5-33/60

PG5-33/60 02-0815	Belt Pitch	Number of teeth	Pitch Diameter mm	Pitch Diameter inch	Part Diameter mm	Part Diameter inch
For 5mm Pitch Synchronous/Timing Belts with GT® or similar profiles by PowerGrip®, PowerHouse® and many others	5	33	52.52	2.068	51.38	2.023
	5	34	54.11	2.130	52.97	2.085
	5	35	55.70	2.193	54.56	2.148
	5	36	57.30	2.256	56.15	2.211
	5	37	58.89	2.318	57.74	2.273
	5	38	60.48	2.381	59.34	2.336
	5	39	62.07	2.444	60.93	2.399
	5	40	63.66	2.506	62.52	2.461
Part Diameters are based on 33 to 60 teeth	5	41	65.25	2.569	64.11	2.524
	5	42	66.85	2.632	65.70	2.587
	5	43	68.44	2.694	67.29	2.649
	5	44	70.03	2.757	68.89	2.712
	5	45	71.62	2.820	70.48	2.775
	5	46	73.21	2.882	72.07	2.837
For belts with modified curvilinear tooth profiles. With a whole depth of 1.930mm [0.075"]	5	47	74.80	2.945	73.66	2.900
	5	48	76.39	3.008	75.25	2.963
	5	49	77.99	3.070	76.84	3.025
	5	50	79.58	3.133	78.43	3.088
	5	51	81.17	3.196	80.03	3.151
	5	52	82.76	3.258	81.62	3.213
	5	53	84.35	3.321	83.21	3.276
	5	54	85.94	3.384	84.80	3.339
	5	55	87.54	3.446	86.39	3.401
	5	56	89.13	3.509	87.98	3.464
	5	57	90.72	3.572	89.58	3.527
	5	58	92.31	3.634	91.17	3.589
	5	59	93.90	3.697	92.76	3.652
	5	60	95.49	3.760	94.35	3.715

