

**Part No: 800 8M 50**  
**800** 800 mm Pitch Length  
**8M** 8 mm Pitch, Round Profile  
**50** 50 mm Wide

## Hawk Pd® Belts

A high-performance synchronous belt with a universal profile

With its universal tooth profile, Hawk Pd® is precisely designed and manufactured to fit the majority of existing high-capacity synchronous applications. Hawk Pd® can fulfill most existing drive requirements in its class matching competitive offerings of belt width and length.

### Key features & benefits

- › Universal tooth profile drops into existing Pd®, GT® and RPP sprockets. Industry-compatible nomenclature.
- › High-grade compounding.
- › Requires little, if any, retensioning and less drive maintenance.
- › Oil, heat, ozone and abrasion resistant.
- › Designed for high-capacity performance.
- › Higher horsepower rating than traditional timing belts.

### Applications

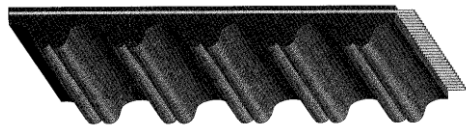
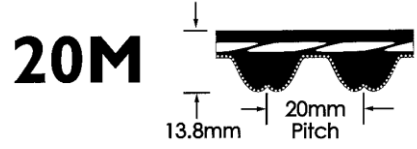
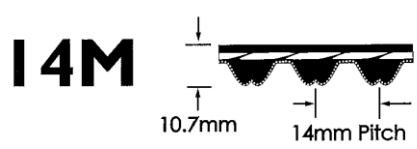
Nearly every conceivable industrial drive application where shaft synchronization is required. Hawk Pd® belts can also be used as an alternative to problem V-belt and chain drives.

- › Aggregate machinery
- › Office equipment
- › Paper industry machinery
- › Machine tool
- › Printing trade machinery
- › Home appliances
- › Food processing equipment
- › HVAC units
- › Packaging machinery
- › Textile machinery
- › Mining equipment
- › Farm machinery
- › Woodworking machinery
- › Vending machines

5MM PITCH Hawk Pd® BELTS					
BELT NO	PITCH LENGTH	NUMBER OF TEETH	APPROX WT. LBS. BY WIDTH		
			5M 09	5M 15	5M 25
350	350	70	.03	.05	.08
375	375	75	.03	.05	.09
400	400	80	.03	.06	.09
425	425	85	.04	.06	.10
450	450	90	.04	.06	.10
475	475	95	.04	.07	.11
500	500	100	.04	.07	.11
535	535	107	.04	.07	.12
565	565	113	.05	.08	.13
600	600	120	.05	.08	.14
635	635	127	.05	.09	.14
670	670	134	.06	.09	.15
710	710	142	.06	.10	.16
740	740	148	.06	.10	.17
800	800	160	.07	.11	.18
850	850	170	.07	.12	.19
890	890	178	.07	.12	.20
950	950	190	.08	.13	.21
1000	1000	200	.08	.14	.22
1050	1050	210	.09	.14	.24
1125	1125	225	.09	.15	.25
1195	1195	239	.10	.16	.27
1270	1270	254	.10	.17	.28
1420	1420	284	.12	.19	.32
1595	1595	319	.13	.21	.36
1690	1690	338	.14	.23	.38
1790	1790	358	.15	.24	.40
1895	1895	379	.15	.26	.42
2000	2000	400	.16	.27	.45

8MM PITCH Hawk Pd® BELTS						
BELT NO	PITCH LENGTH	NUMBER OF TEETH	APPROX WT. LBS. BY WIDTH			
			8M 20	8M 30	8M 50	8M 85
480	480	60	.14	.21	.34	.58
560	560	70	.16	.24	.39	.67
600	600	75	.17	.25	.42	.72
640	640	80	.18	.27	.45	.76
720	720	90	.20	.30	.50	.85
800	800	100	.22	.34	.56	.94
880	880	110	.24	.37	.61	1.04
960	960	120	.26	.40	.66	1.13
1040	1040	130	.29	.43	.72	1.22
1120	1120	140	.31	.47	.77	1.31
1200	1200	150	.33	.50	.83	1.40
1280	1280	160	.35	.53	.88	1.49
1440	1440	180	.39	.60	.99	1.68
1600	1600	200	.44	.66	1.10	1.86
1760	1760	220	.48	.73	1.20	2.05
1800	1800	225	.49	.74	1.23	2.09
2000	2000	250	.54	.82	1.37	2.32
2400	2400	300	.65	.99	1.64	2.78
2600	2600	325	.70	1.07	1.77	3.01
2800	2800	350	.76	1.15	1.91	3.24
3048	3048	381	.82	1.25	2.07	3.52
3280	3280	410	.89	1.35	2.23	3.79
3600	3600	450	.97	1.48	2.45	4.15
4400	4400	550	1.19	1.80	2.99	5.07

ContiTech



Part No: 966 14M 85  
 966 966 mm Pitch Length  
 14M 14 mm Pitch, Round Profile  
 85 85 mm Wide

**AVAILABLE WIDTHS**

14M Pitch	20M Pitch
40 mm	115 mm
55 mm	170 mm
85 mm	230 mm
115 mm	290 mm
170 mm	340 mm

**Belt materials that last longer**

Hawk Pd® belts feature an enhanced rubber compound. This compound is formulated to resist tooth deformity and increase tooth rigidity, increasing belt life and decreasing replacement costs.

The demands of synchronous drives put additional strain on the belt and tooth surface for high-speed and low-speed applications. The Hawk Pd® tooth profile resists ratcheting and provides accurate positioning for synchronous drive applications. Enhanced Continental ContiTech materials and tooth profile enable the teeth to engage the sprocket smoothly.

**High capacity performance**

Hawk Pd® synchronous belts are designed for high-capacity performance, exceeding the traditional speed limitations of chain and performance limitations of belt drives. The new material technology delivers a higher horsepower rating and improved life.

**Lower maintenance costs**

Unlike chain drives, Hawk Pd® belts and matching sprockets do not require lubrication. There is also virtually no need for retensioning like there is for V-belts and chain drives. Install Hawk Pd® and reduce your maintenance costs.

14MM PITCH Hawk Pd® BELTS							
BELT NO	PITCH LENGTH	NUMBER OF TEETH	APPROX WEIGHT IN LBS BY WIDTHS AVAILABLE				
			14M 40	14M 55	14M 85	14M 115	14M 170
966	966	69	.96	1.31	2.02	2.74	4.05
1190	1190	85	1.17	1.61	2.47	3.35	4.95
1400	1400	100	1.37	1.88	2.89	3.92	5.79
1610	1610	115	1.56	2.15	3.31	4.49	6.63
1778	1778	127	1.72	2.37	3.65	4.94	7.30
1890	1890	135	1.83	2.52	3.87	5.25	7.75
2100	2100	150	2.03	2.79	4.29	5.82	8.59
2310	2310	165	2.22	3.06	4.71	6.39	9.43
2450	2450	175	2.36	3.24	4.99	6.77	9.99
2590	2590	185	2.49	3.42	5.27	7.15	10.55
2800	2800	200	2.69	3.70	5.69	7.71	11.39
3150	3150	225	3.02	4.15	6.39	8.66	12.79
3360	3360	240	3.22	4.42	6.81	9.23	13.63
3500	3500	250	3.35	4.61	7.09	9.61	14.19
3850	3850	275	3.68	5.06	7.79	10.56	15.59
4326	4326	309	4.13	5.68	8.75	11.85	17.49
4578	4578	327	4.37	6.01	9.25	12.53	18.50
4956	4956	354	4.72	6.50	10.01	13.56	20.01
5320	5320	380	5.07	6.97	10.73	14.54	21.47
5740	5740	410	5.46	7.52	11.57	15.68	23.15
6160	6160	440	5.86	8.06	12.41	16.82	24.83
6860	6860	490	6.52	8.97	13.81	18.72	27.63

20MM PITCH Hawk Pd® BELTS							
BELT NO	PITCH LENGTH	NUMBER OF TEETH	APPROX WEIGHT IN LBS BY WIDTHS AVAILABLE				
			20M 115	20M 170	20M 230	20M 290	20M 340
2000	200.0	100	7.48	11.04	14.96	18.85	22.10
2500	250.0	125	9.29	13.72	18.59	23.43	27.46
3400	340.0	170	12.56	18.53	25.12	31.65	37.11
3800	380.0	190	14.01	20.68	28.02	35.31	41.40
4200	420.0	210	15.46	22.82	30.92	38.97	45.69
4600	460.0	230	16.91	24.96	33.82	42.63	49.97
5000	500.0	250	18.36	27.10	36.72	46.28	54.26
5200	520.0	260	19.09	28.17	38.17	48.11	56.40
5400	540.0	270	19.81	29.24	39.63	49.94	58.55
5800	580.0	290	21.26	31.38	42.53	53.60	62.84
6200	620.0	310	22.71	33.52	45.43	57.26	67.12
6600	660.0	330	24.17	35.66	48.33	60.91	71.41