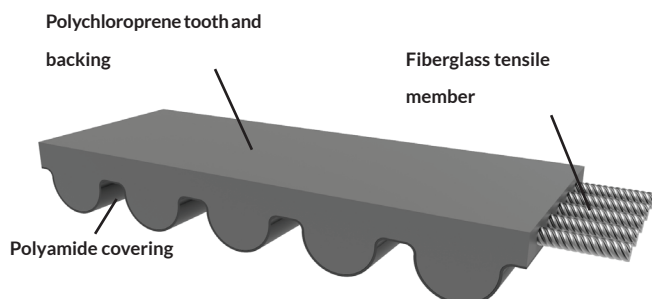


# WALTHER FLENDER CLASSIC TIMING BELTS

## Design & components



## Available lengths and standard width

Pitch	Length (mm)	Number of teeth	Standard widths (mm)
3M	105 - 1.926	35 - 642	6 9 15
5M	120 - 2.350	24 - 470	9 15 25
8M	264 - 2.800	33 - 350	20 30 50 85
14M	784 - 4.578	56 - 327	40 55 85 115 170

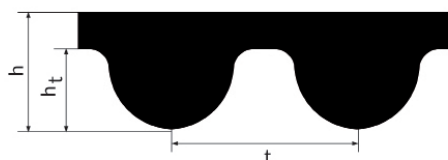
## Dimensions

Pitch t (mm)	Total height h (mm)	Tooth height $h_t$ (mm)	Weight per metre (glass cord) g/25 mm belt width
3	2,41	1,22	60,0
5	3,81	2,08	98,0
8	5,60	3,38	155,0
14	10,00	6,02	248,0

## Pulley diameter

Pitch	Min. number of pulley teeth (mm)	Min. diameter of tensioning idler running on back of belt (mm)
3M	10	15
5M	14	35
8M	22	85
14M	28	190

Other geometry data based on ISO 13050 [Profile system H]



## Characteristics

Antistatic according to ISO 9563	no
Temperature resistance [° C]	-25 / +100
Hardness [° Shore A]	71 +/-5

## Belt labeling (Example)

<b>WALTHER FLENDER</b>	<b>CLASSIC</b>	<b>800 8M</b>	<b>04042321</b>
<b>WALTHER FLENDER</b>	<b>CLASSIC</b>	<b>800 8M</b>	<b>04042321</b>
<b>WALTHER FLENDER</b>	<b>CLASSIC</b>	<b>800 8M</b>	<b>04042321</b>

## Belt tolerances

Standard belt width (mm)	Width tolerances		
	Belt length 0 - 838 mm	Belt length 839 - 1.676 mm	Belt length 1.677 + mm
3-11	+0,4 -0,8	+0,4 -0,8	
12-38	+0,8 -0,8	+0,8 -1,2	+0,8 -1,2
39-51	+0,8 -1,2	+1,2 -1,2	+1,2 -1,6
52-64	+1,2 -1,2	+1,2 -1,6	+1,6 -1,6
65-76	+1,2 -1,6	+1,6 -1,6	+1,6 -2,0
77-102	+1,6 -1,6	+1,6 -2,0	+2,0 -2,0
102-178	+2,4 -2,4	+2,4 -2,8	+2,4 -3,2
> 178			+4,8 -6,4

We supply individual belt lengths as well as belts in pitch 20M in the design Hybrid Rubber Classic and PowerGrip® HTD. Of course, all execution types are produced with the same high-quality materials and above all in the original manufacturer quality you are familiar with.