

Procedure for Checking Wear on Flexx Flow Belt Sprockets

To check the sprocket tooth wear use the depth gauge part of the calipers. This is the rod that comes out of the opposite end of the calipers than you normally use.

Place the caliper frame across two teeth of the sprocket and push down on the gauge to move the depth gauge rod down until it touches base or “root diameter” of the sprocket.

This gives you the current sprocket height.

The rule of thumb is that if the tooth is worn down to less than the diameter of the wire then it is too worn and the belt is prone to jumping out of the teeth while running which can cause premature belt failure.

The following chart lists the sprocket heights for common belt.

Belt # 1078 & Belt # 1252 – Both 3/8” x .062” wire

Sprocket O.D.	Tooth Height When New	Minimum Height
1.25”	.078”	.062”
2.00”	.095”	.062”
2.25”	.095”	.062”
3.00”	.145”	.062”

Belt # 2572 - 3/8” x .082” wire

2.00”	.092”	.082”
3.00”	.115”	.082”
4.00”	.139”	.082”

Belt # 206 – 1/2” x .072” wire

2.00”	.135”	.072”
3.00”	.096”	.072”